

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113296.D
 Acq On : 26 Mar 2019 17:26
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Mar 27 05:00:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	163928	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	620607	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	312943	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	685566	20.00	ng	0.00
76) Chrysene-d12	13.84	240	547221	20.00	ng	0.00
87) Perylene-d12	15.24	264	523097	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	795150	79.31	ng	0.00
7) Phenol-d6	6.35	99	968489	76.36	ng	0.00
23) Nitrobenzene-d5	7.27	82	935357	89.46	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	336662	87.09	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1610179	79.50	ng	0.00
79) Terphenyl-d14	12.79	244	1934536	77.92	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.37	88	203845	40.075	ng	99
3) Pyridine	3.07	79	526630	41.997	ng	98
4) n-Nitrosodimethylamine	3.02	42	216558	38.848	ng	92
6) Aniline	6.37	93	603082	39.048	ng	93
8) 2-Chlorophenol	6.49	128	452897	38.902	ng	98
9) Benzaldehyde	6.25	77	344457	40.474	ng	98
10) Phenol	6.37	94	563007	38.884	ng	100
11) bis(2-Chloroethyl)ether	6.44	93	424017	38.204	ng	98
12) 1,3-Dichlorobenzene	6.65	146	499567	39.808	ng	99
13) 1,4-Dichlorobenzene	6.72	146	494804	40.836	ng	99
14) 1,2-Dichlorobenzene	6.87	146	459949	38.584	ng	98
15) Benzyl Alcohol	6.85	79	355362	42.472	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	700068	41.987	ng	98
17) 2-Methylphenol	6.97	107	374307	41.025	ng	99
18) Hexachloroethane	7.22	117	177996	40.899	ng	99
19) n-Nitroso-di-n-propylamine	7.13	70	307561	38.607	ng	99
20) 3+4-Methylphenols	7.13	107	438376	41.198	ng	95
22) Acetophenone	7.12	105	604984	42.745	ng	99
24) Nitrobenzene	7.29	77	481531	44.133	ng	95
25) Isophorone	7.53	82	860779	42.480	ng	97
26) 2-Nitrophenol	7.60	139	258396	44.804	ng	96
27) 2,4-Dimethylphenol	7.65	122	356828	43.011	ng	100
28) bis(2-Chloroethoxy)methane	7.74	93	541665	42.448	ng	100
29) 2,4-Dichlorophenol	7.85	162	393340	43.751	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	415479	42.834	ng	97
31) Naphthalene	8.01	128	1232081	40.626	ng	99
32) Benzoic acid	7.79	122	241172	36.114	ng	97
33) 4-Chloroaniline	8.06	127	505367	42.733	ng	97
34) Hexachlorobutadiene	8.13	225	239524	41.548	ng	98
35) Caprolactam	8.44	113	127342	44.133	ng	97
36) 4-Chloro-3-methylphenol	8.55	107	381124	42.147	ng	97
37) 2-Methylnaphthalene	8.70	142	820641	43.367	ng	99
38) 1-Methylnaphthalene	8.80	142	791805	43.502	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	392968	39.119	ng	100

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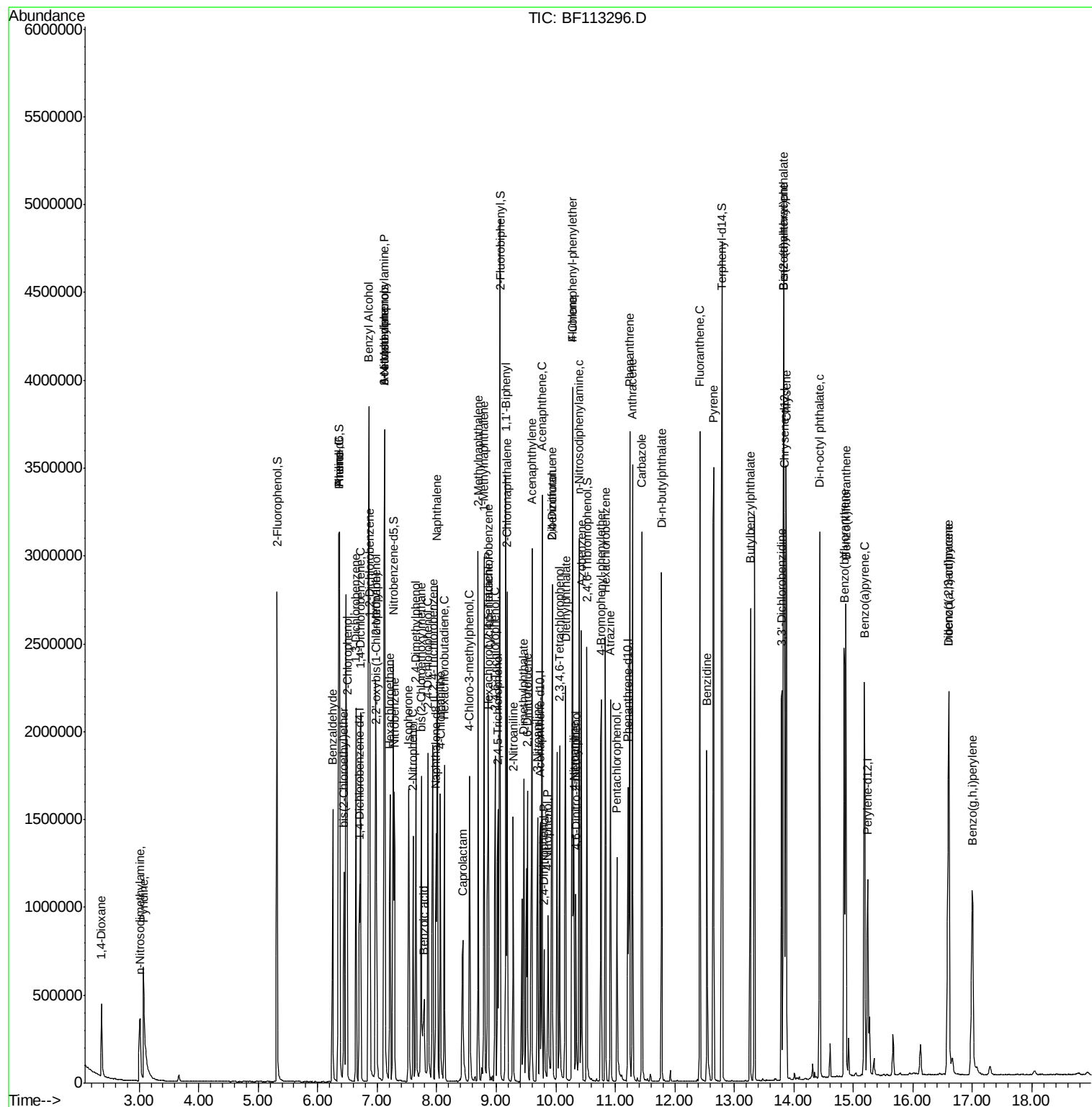
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	156057	36.702	ng	100
43) 2,4,6-Trichlorophenol	8.98	196	254608	38.922	ng	98
44) 2,4,5-Trichlorophenol	9.03	196	279700	38.636	ng	98
46) 1,1'-Biphenyl	9.16	154	1018673	38.975	ng	100
47) 2-Chloronaphthalene	9.19	162	770735	38.299	ng	100
48) 2-Nitroaniline	9.29	65	255318	40.429	ng	98
49) Acenaphthylene	9.60	152	1322636	40.648	ng	99
50) Dimethylphthalate	9.47	163	919455	39.646	ng	100
51) 2,6-Dinitrotoluene	9.53	165	214130	40.927	ng	93
52) Acenaphthene	9.77	154	747008	40.766	ng	99
53) 3-Nitroaniline	9.69	138	247449	41.939	ng	89
54) 2,4-Dinitrophenol	9.80	184	103820	39.897	ng	95
55) Dibenzofuran	9.94	168	1125476	40.856	ng	99
56) 4-Nitrophenol	9.87	139	180257	42.853	ng	92
57) 2,4-Dinitrotoluene	9.93	165	283212	42.566	ng	94
58) Fluorene	10.29	166	906725	42.370	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	261750	42.756	ng	99
60) Diethylphthalate	10.16	149	936242	41.152	ng	98
61) 4-Chlorophenyl-phenylether	10.27	204	442517	42.427	ng	96
62) 4-Nitroaniline	10.30	138	280850	46.232	ng	97
63) Azobenzene	10.43	77	940047	43.895	ng	97
65) 4,6-Dinitro-2-methylphenol	10.34	198	152505	40.664	ng	86
66) n-Nitrosodiphenylamine	10.39	169	825352	39.234	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	299473	40.079	ng	95
68) Hexachlorobenzene	10.83	284	346985	40.007	ng	# 93
69) Atrazine	10.92	200	268607	40.453	ng	96
70) Pentachlorophenol	11.03	266	191093	42.289	ng	98
71) Phenanthrene	11.24	178	1373557	40.345	ng	100
72) Anthracene	11.29	178	1390217	40.201	ng	99
73) Carbazole	11.45	167	1369733	41.510	ng	100
74) Di-n-butylphthalate	11.78	149	1515750	39.611	ng	100
75) Fluoranthene	12.42	202	1518445	39.453	ng	99
77) Benzidine	12.55	184	815727	38.926	ng	96
78) Pyrene	12.65	202	1560517	41.152	ng	99
80) Butylbenzylphthalate	13.27	149	657242	39.328	ng	96
81) Benzo(a)anthracene	13.83	228	1268363	40.492	ng	100
82) 3,3'-Dichlorobenzidine	13.80	252	537106	42.742	ng	98
83) Chrysene	13.87	228	1325674	41.666	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	772772	37.720	ng	100
85) Di-n-octyl phthalate	14.43	149	1445893	41.578	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1154230	42.271	ng	98
88) Benzo(b)fluoranthene	14.84	252	1339215	41.213	ng	98
89) Benzo(k)fluoranthene	14.87	252	1092236	38.275	ng	98
90) Benzo(a)pyrene	15.19	252	1134692	39.388	ng	100
91) Dibenzo(a,h)anthracene	16.60	278	947442	38.036	ng	99
92) Benzo(g,h,i)perylene	17.00	276	947845	37.740	ng	98

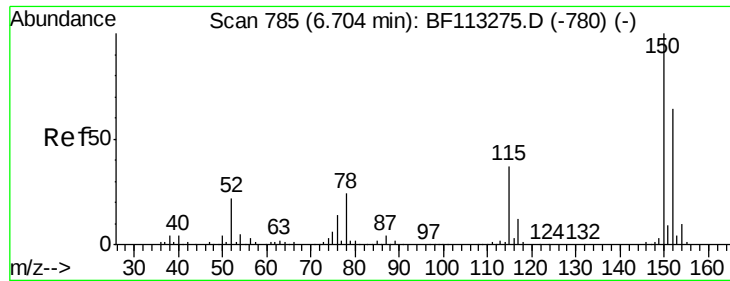
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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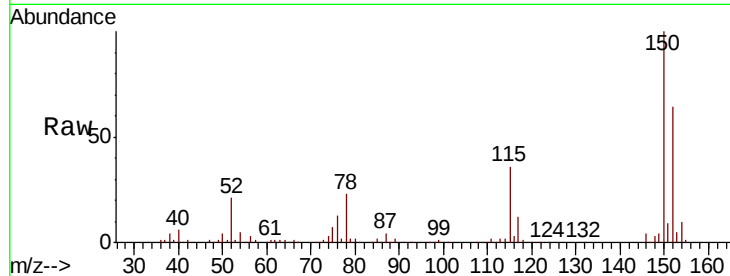


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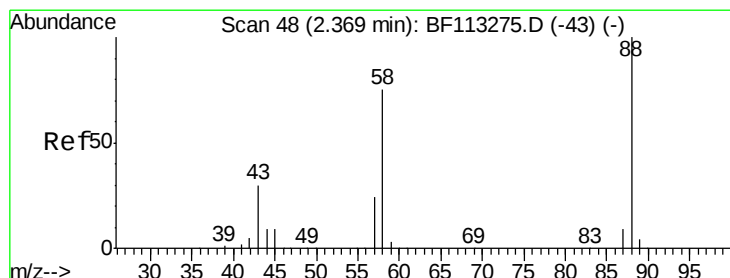
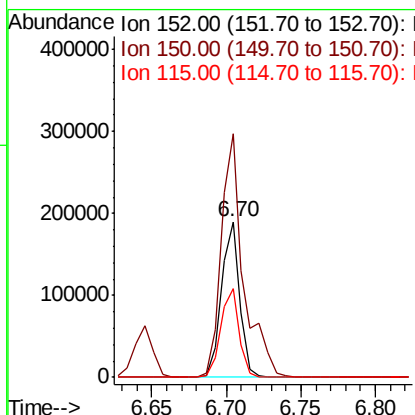
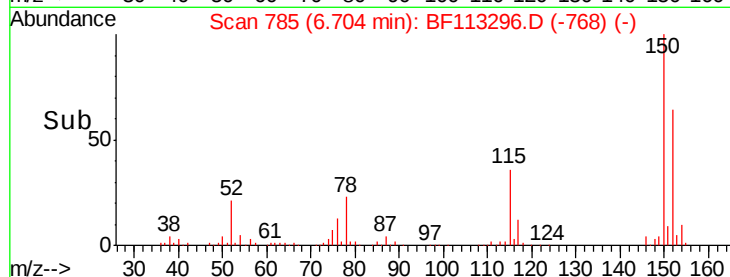
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF113296.D
 Acq: 26 Mar 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:152 Resp: 163928
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.7 187.1
 115 56.9 46.0 69.0



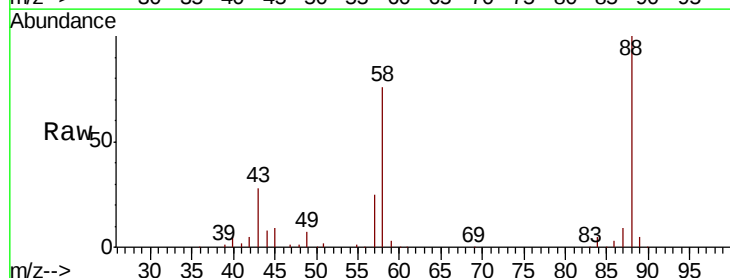
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



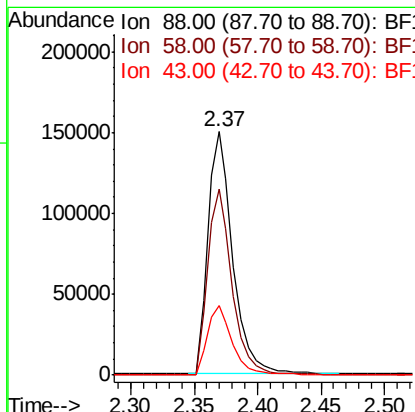
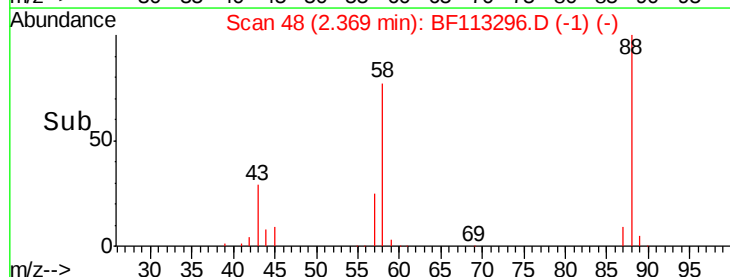
#2

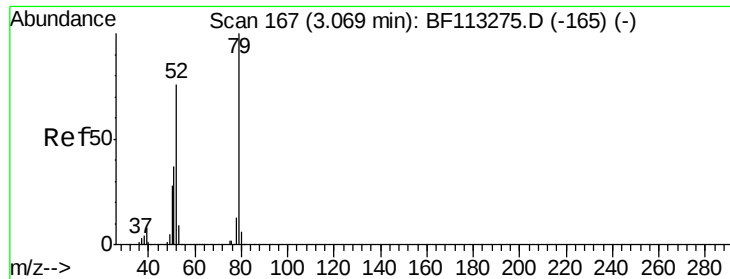
1,4-Dioxane
 Concen: 40.075 ng
 RT: 2.37 min Scan# 48
 Delta R.T. 0.00 min
 Lab File: BF113296.D
 Acq: 26 Mar 2019 17:26

Tgt Ion: 88 Resp: 203845
 Ion Ratio Lower Upper
 88 100
 58 76.5 61.9 92.9
 43 29.0 24.2 36.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 41.997 ng

RT: 3.07 min Scan# 167

Delta R.T. 0.00 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

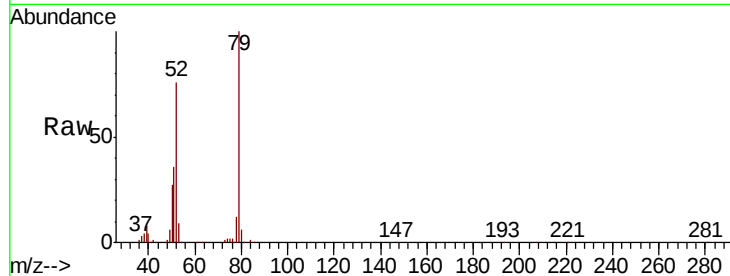
Tgt Ion: 79 Resp: 526630

Ion Ratio Lower Upper

79 100

52 76.4 61.0 91.4

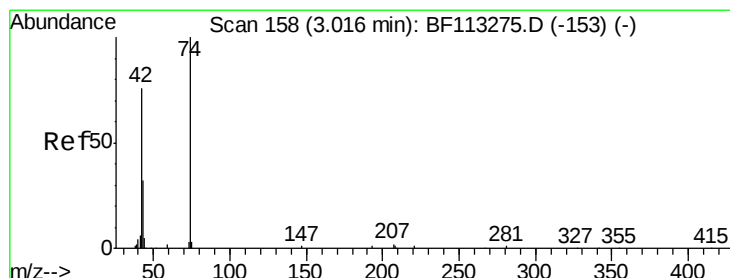
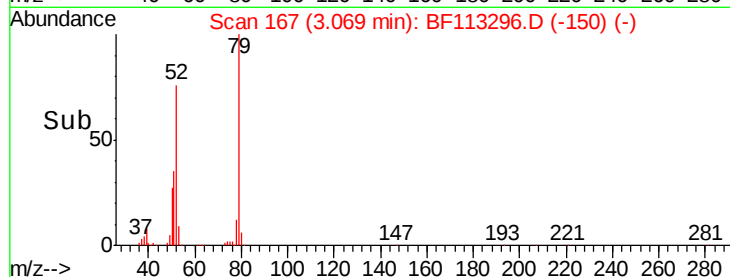
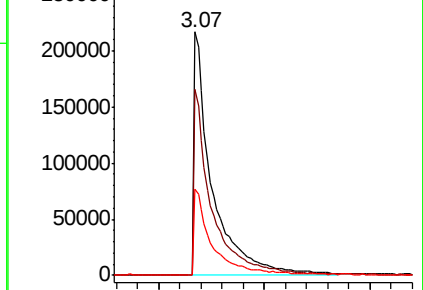
51 35.6 30.6 45.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.848 ng

RT: 3.02 min Scan# 158

Delta R.T. 0.00 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

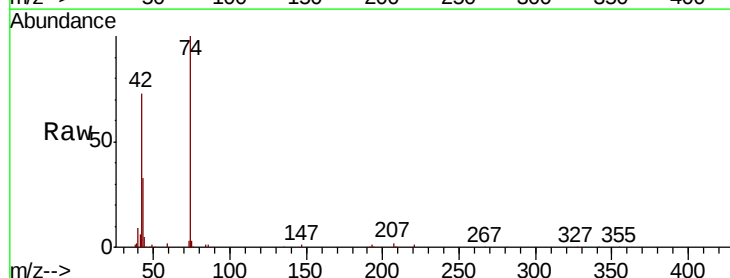
Tgt Ion: 42 Resp: 216558

Ion Ratio Lower Upper

42 100

74 137.2 102.4 153.6

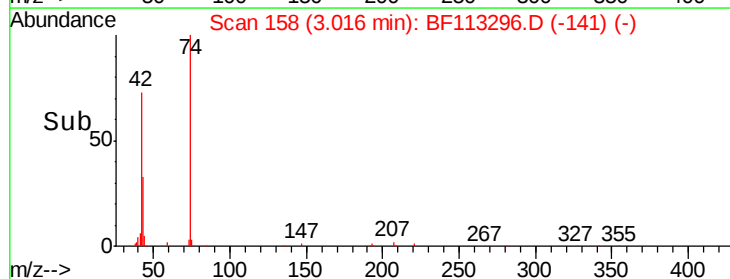
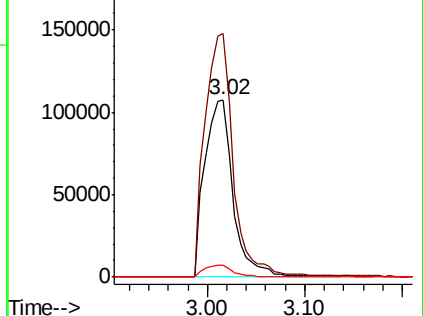
44 7.0 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 79.313 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF113296.D

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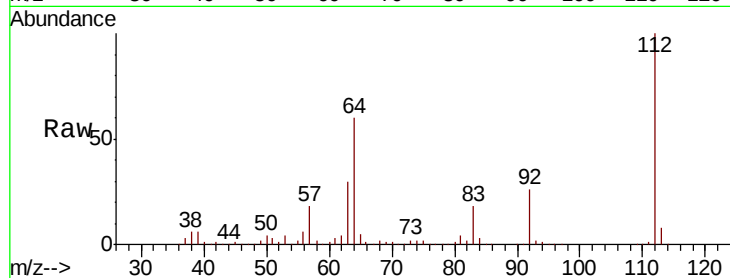
Instrument :

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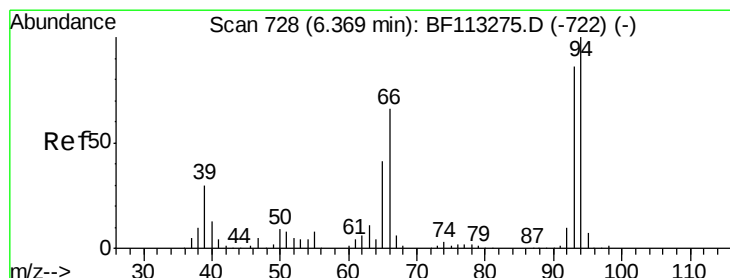
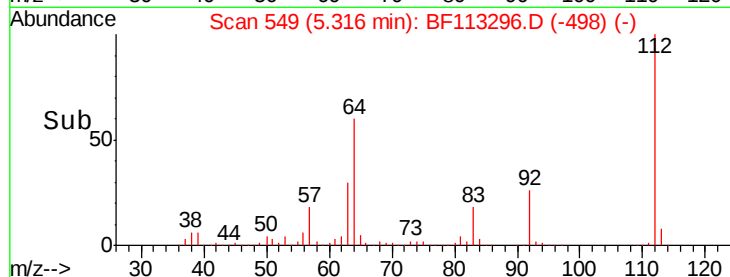
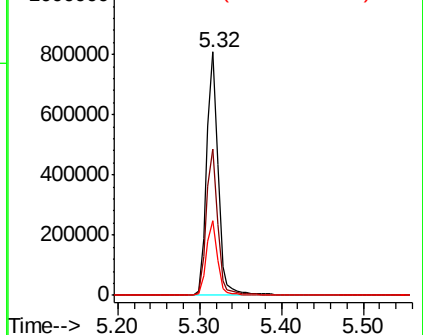
Tgt Ion:	112	Resp:	795150
Ion	Ratio	Lower	Upper
112	100		
64	60.3	49.2	73.8
63	30.4	24.9	37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.048 ng

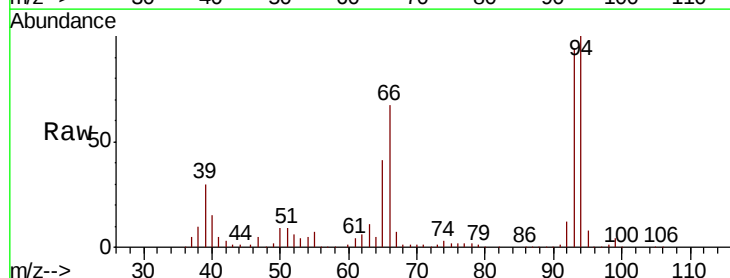
RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

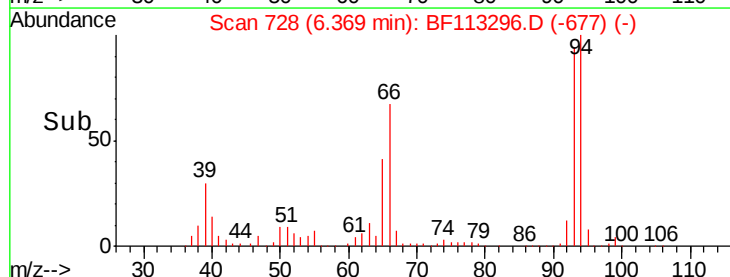
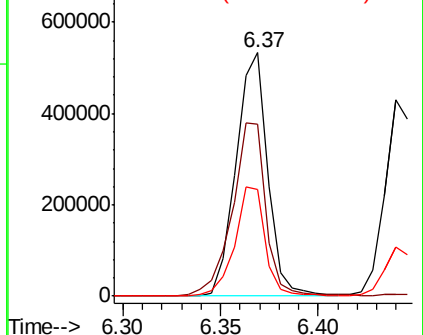
Tgt Ion:	93	Resp:	603082
Ion	Ratio	Lower	Upper
93	100		
66	70.7	62.1	93.1
65	44.0	38.7	58.1



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.363 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113296.D

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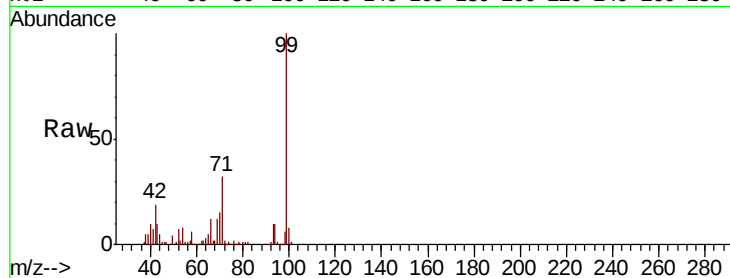
Tgt Ion: 99 Resp: 968489

Ion Ratio Lower Upper

99 100

42 19.4 14.8 22.2

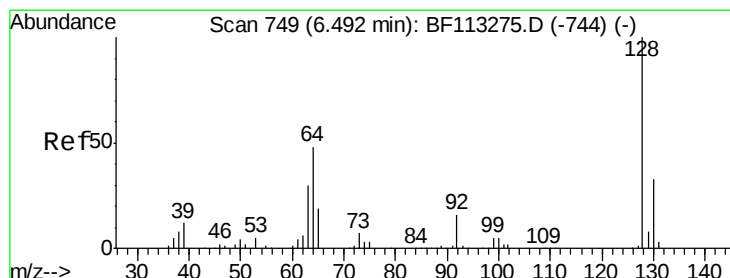
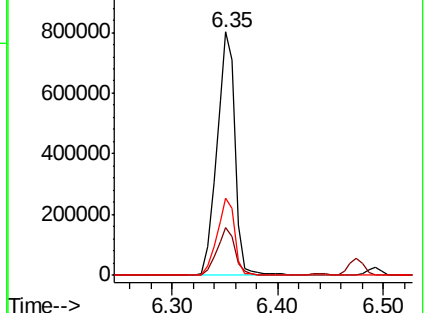
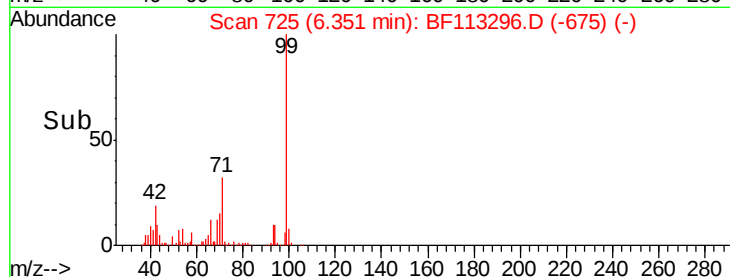
71 32.0 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.902 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

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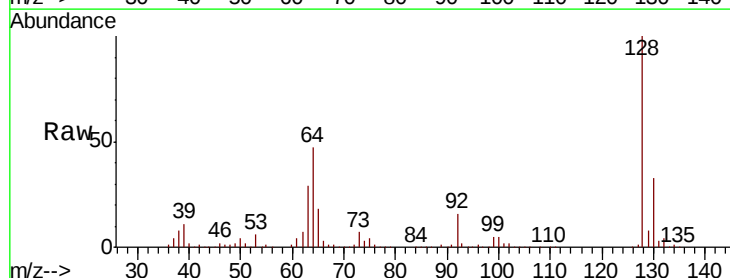
Tgt Ion: 128 Resp: 452897

Ion Ratio Lower Upper

128 100

130 33.1 12.6 52.6

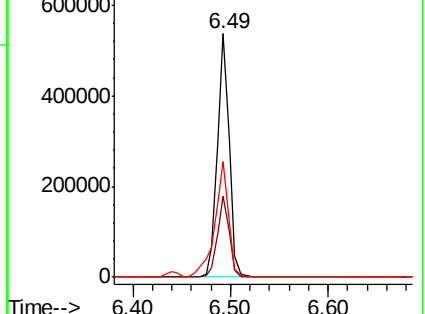
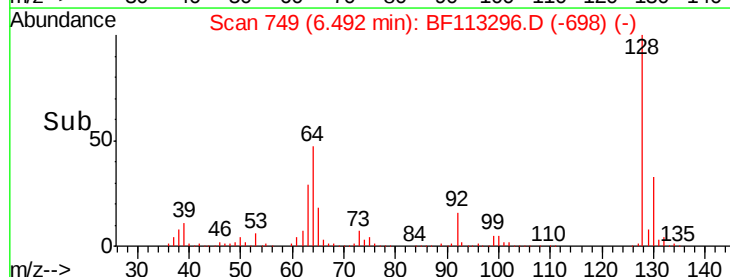
64 47.5 29.4 69.4

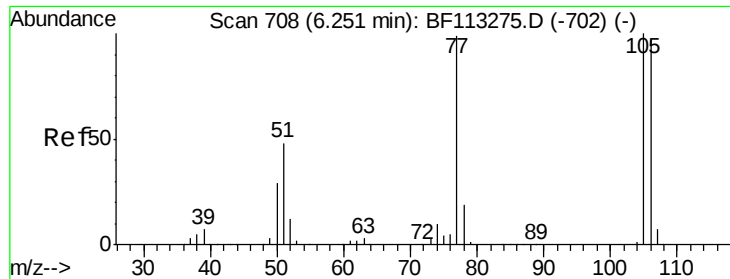


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.474 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

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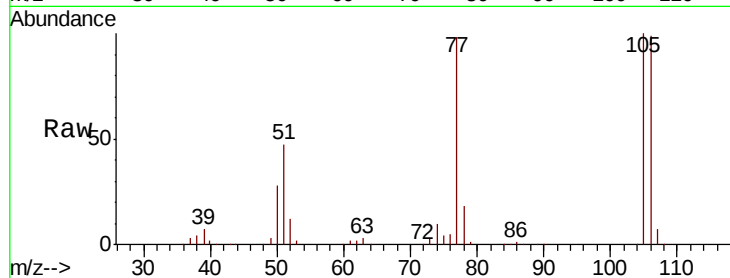
Tgt Ion: 77 Resp: 344457

Ion Ratio Lower Upper

77 100

105 102.2 80.9 120.9

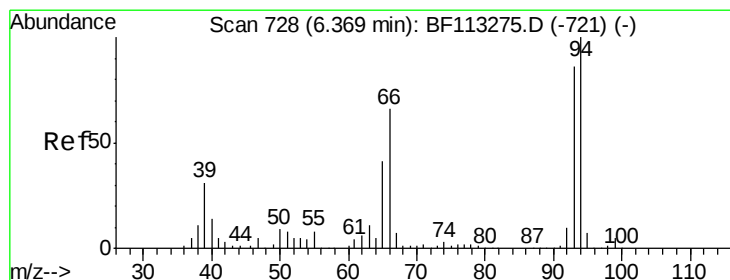
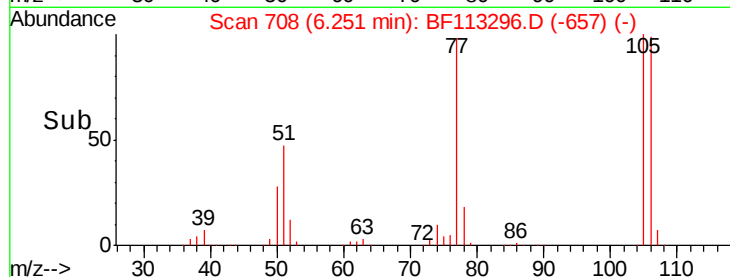
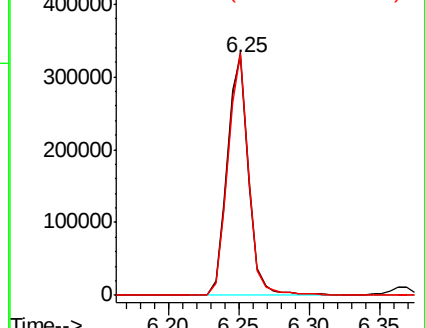
106 101.0 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.884 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

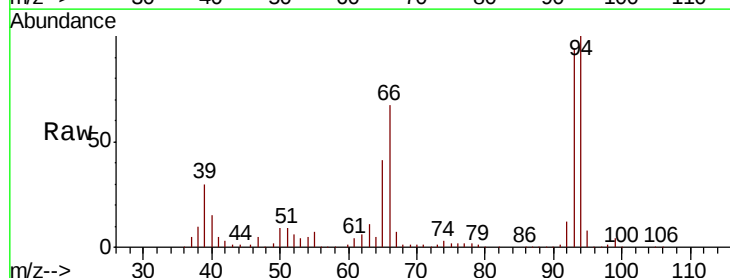
Tgt Ion: 94 Resp: 563007

Ion Ratio Lower Upper

94 100

65 41.5 21.4 61.4

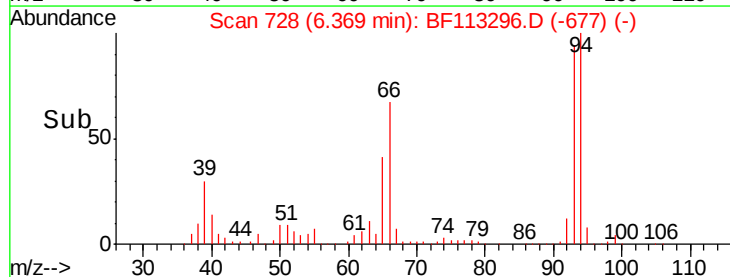
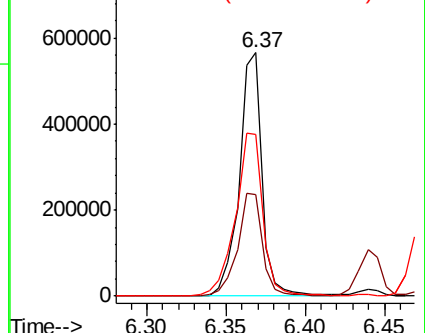
66 66.6 46.4 86.4



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.204 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

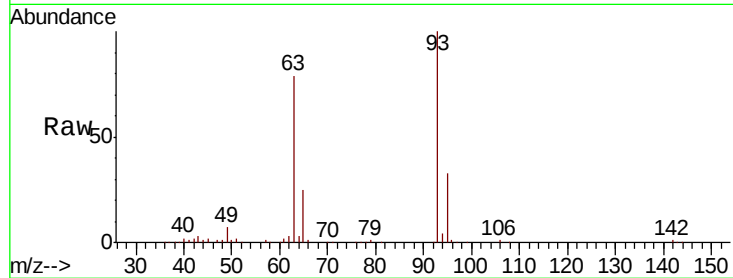
Tgt Ion: 93 Resp: 424017

Ion Ratio Lower Upper

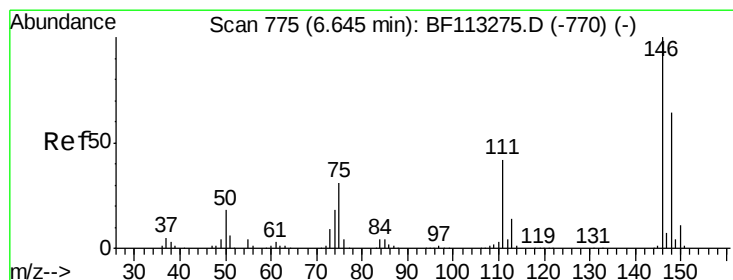
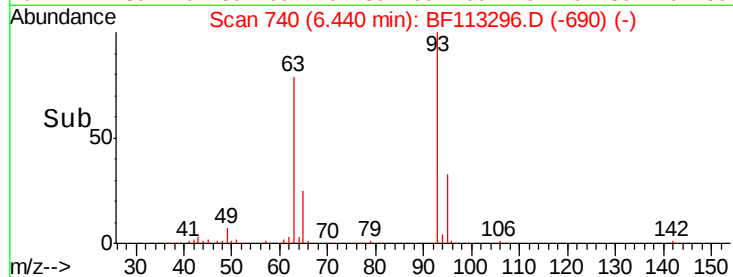
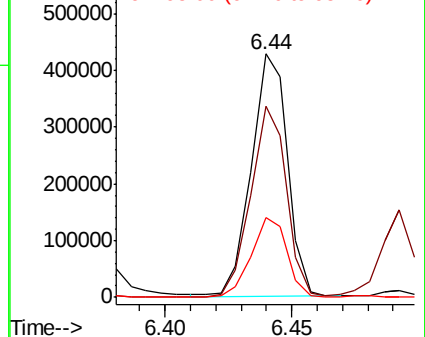
93 100

63 78.6 56.1 96.1

95 33.0 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.808 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

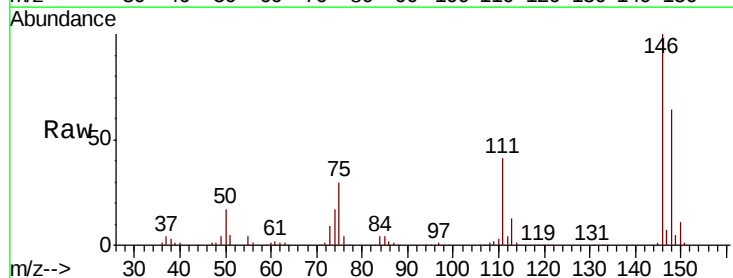
Tgt Ion: 146 Resp: 499567

Ion Ratio Lower Upper

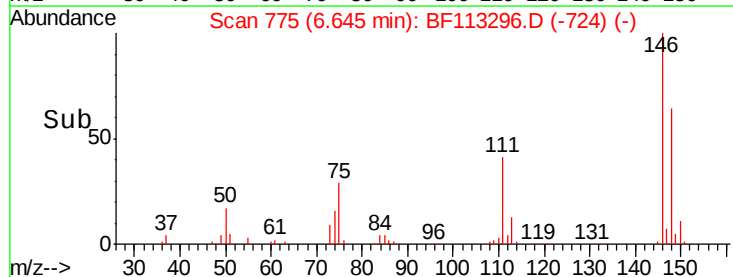
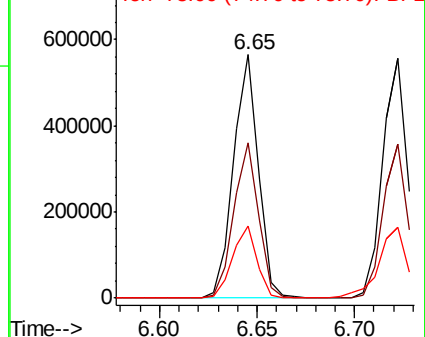
146 100

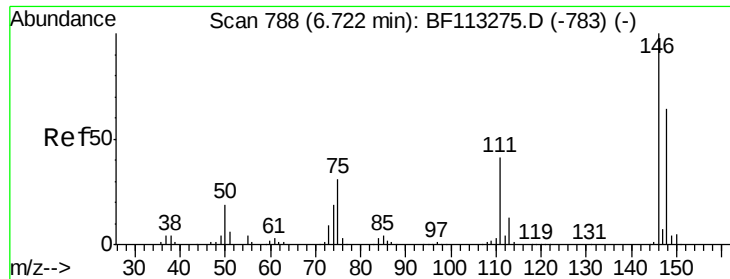
148 63.9 51.4 77.0

75 29.6 24.8 37.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

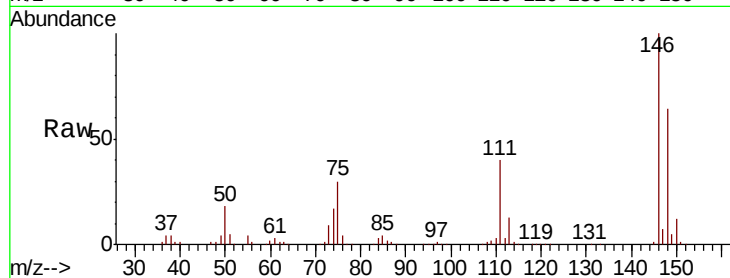




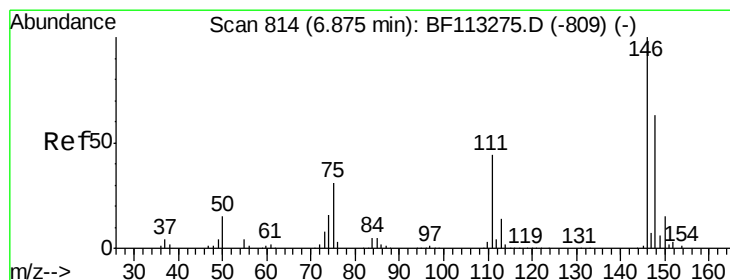
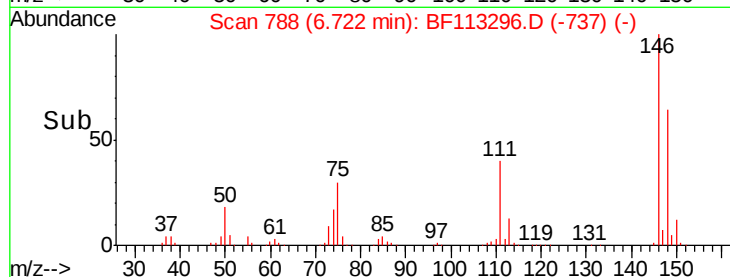
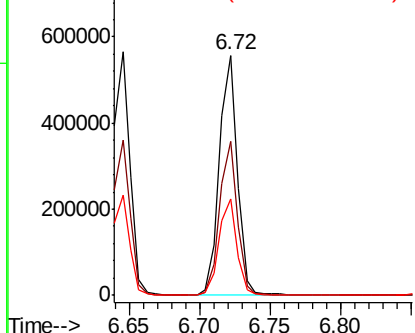
#13
 1,4-Dichlorobenzene
 Concen: 40.836 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF113296.D
 Acq: 26 Mar 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:146 Resp: 494804
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.1 76.7
 111 40.0 32.8 49.2

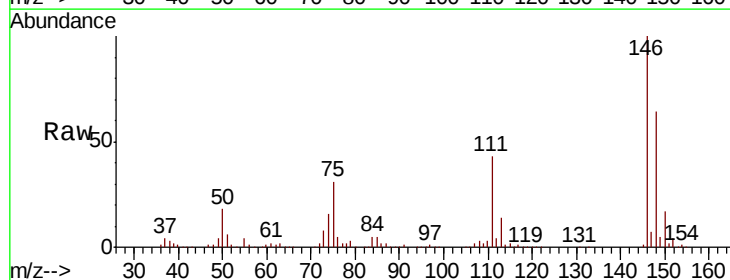


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

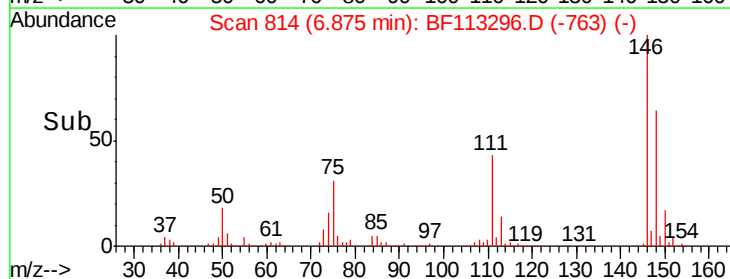
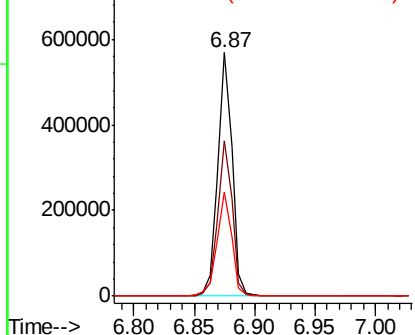


#14
 1,2-Dichlorobenzene
 Concen: 38.584 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF113296.D
 Acq: 26 Mar 2019 17:26

Tgt Ion:146 Resp: 459949
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.2 75.4
 111 42.9 35.4 53.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.472 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

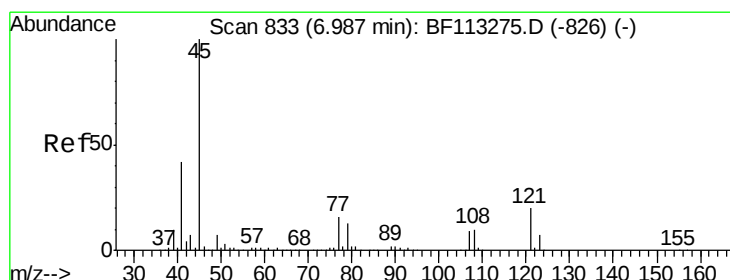
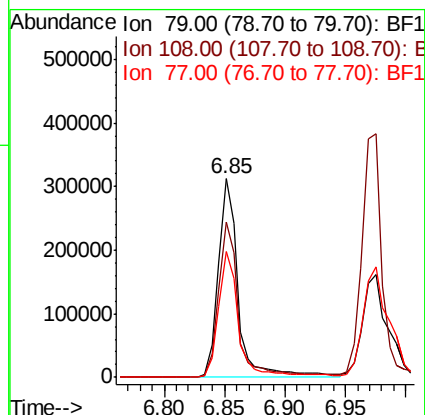
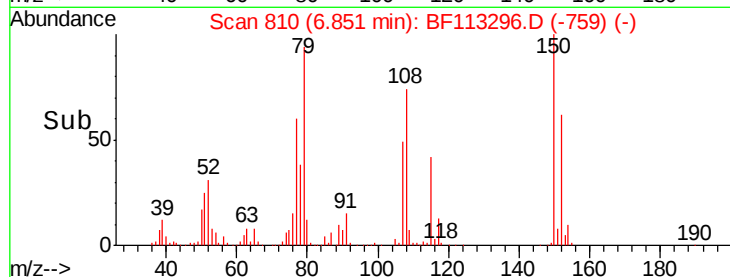
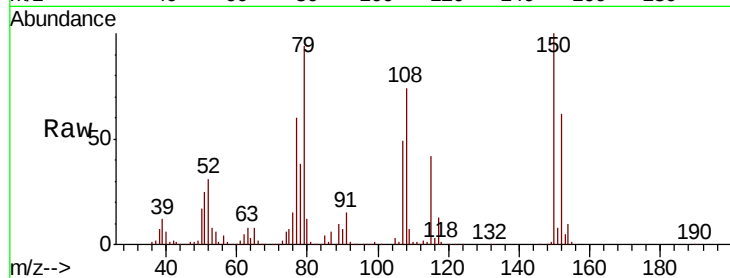
Tgt Ion: 79 Resp: 355362

Ion Ratio Lower Upper

79 100

108 78.6 62.0 93.0

77 63.6 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.987 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

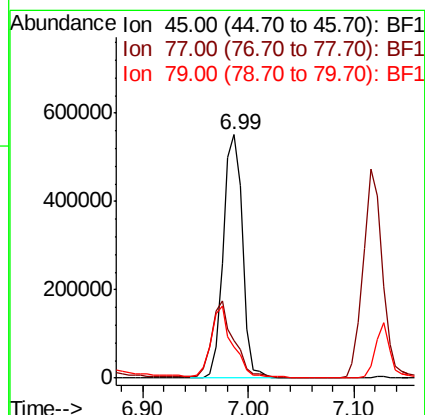
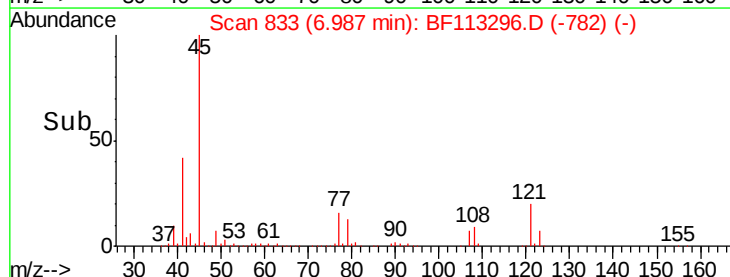
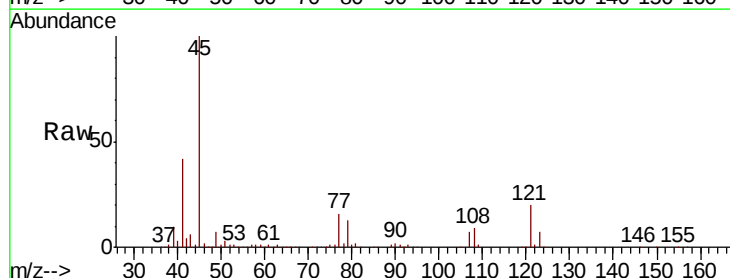
Tgt Ion: 45 Resp: 700068

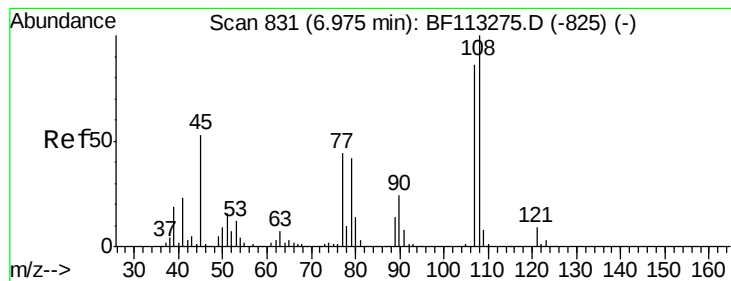
Ion Ratio Lower Upper

45 100

77 15.7 0.0 36.6

79 12.9 0.0 34.0

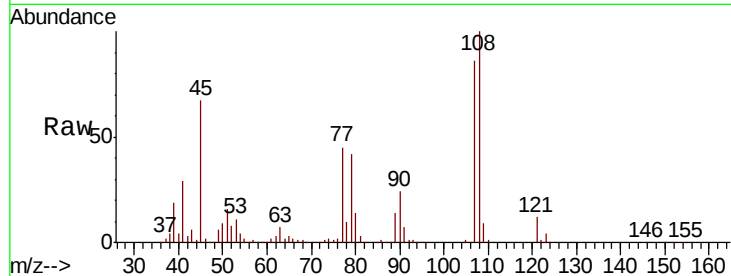




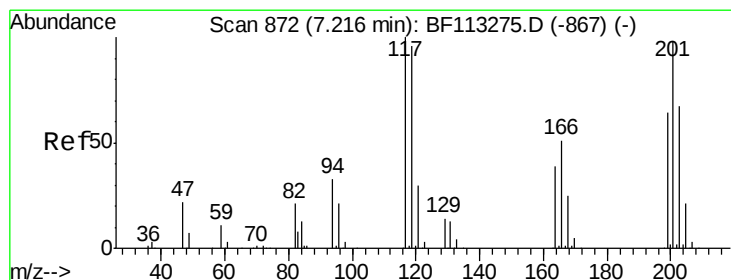
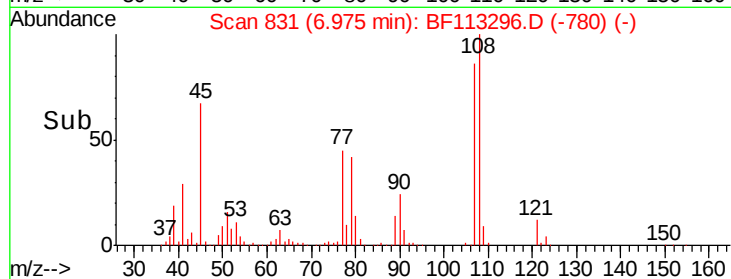
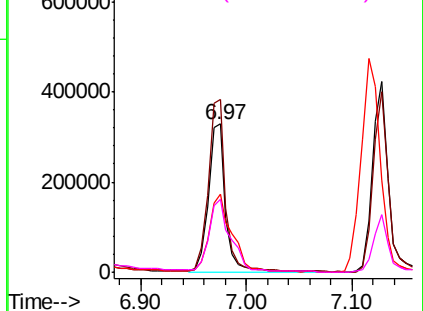
#17
2-Methylphenol
Concen: 41.025 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	107	Resp:	374307
Ion	Ratio	Lower	Upper
107	100		
108	116.3	93.4	140.0
77	52.8	41.2	61.8
79	49.3	40.1	60.1

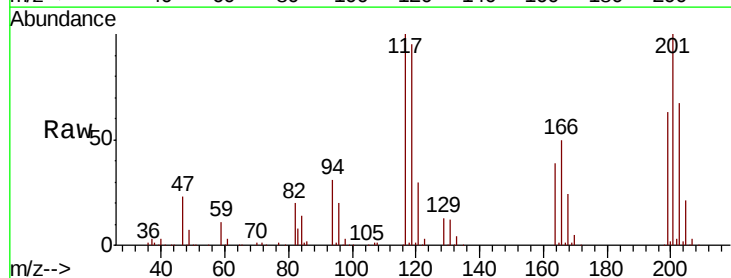


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

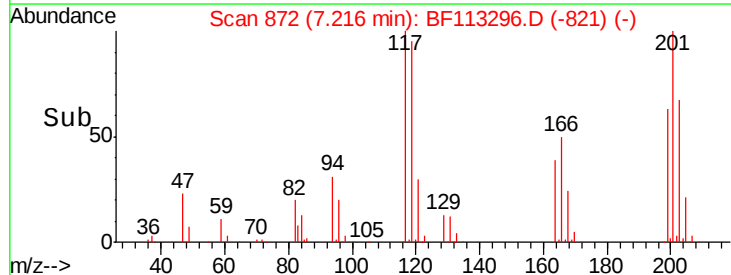
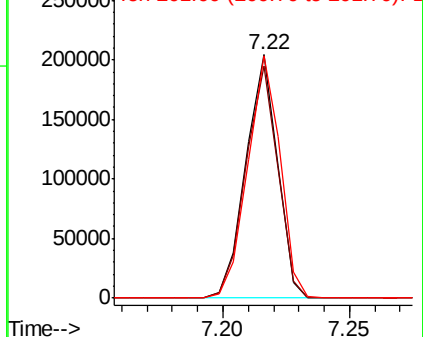


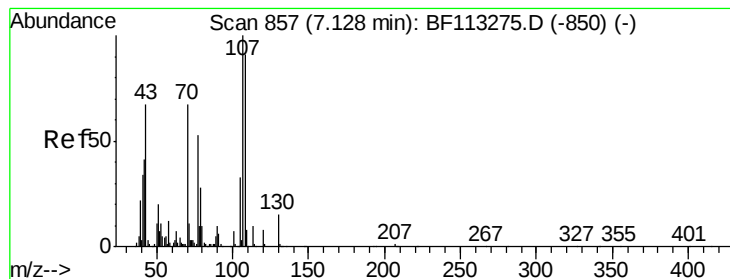
#18
Hexachloroethane
Concen: 40.899 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

Tgt Ion:	117	Resp:	177996
Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.9	115.3
201	99.8	78.7	118.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.607 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 307561

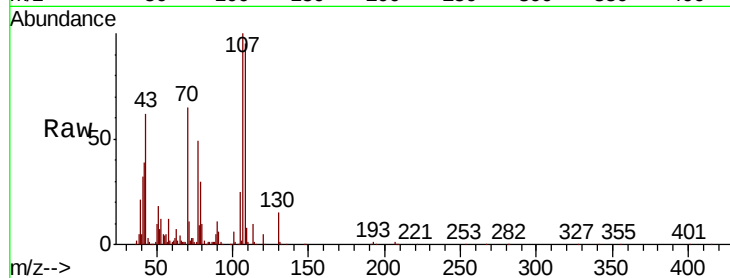
Ion Ratio Lower Upper

70 100

42 59.5 48.4 72.6

101 9.6 7.8 11.8

130 22.9 18.2 27.4



Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

400000

300000

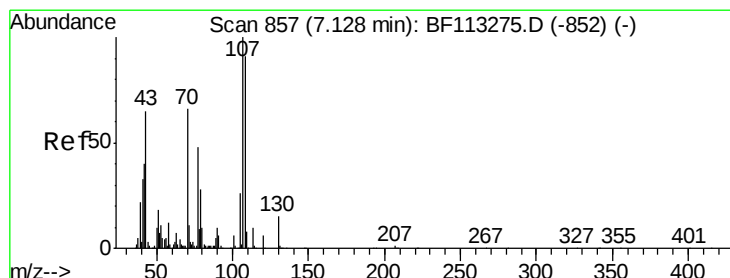
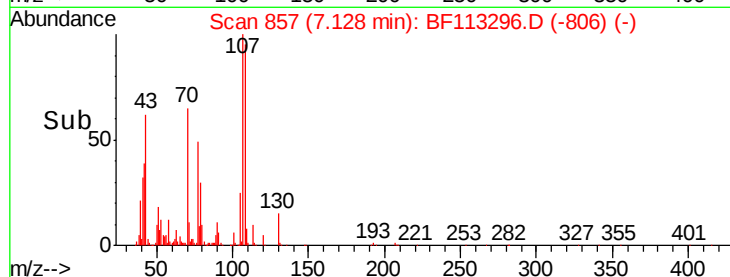
200000

100000

0

7.05 7.10 7.15 7.20

Time-->



#20

3+4-Methylphenols

Concen: 41.198 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

Tgt Ion: 107 Resp: 438376

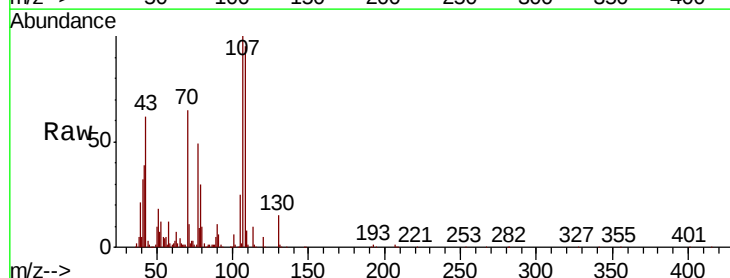
Ion Ratio Lower Upper

107 100

108 94.9 71.4 111.4

77 48.6 33.5 73.5

79 30.0 8.3 48.3



Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

800000

600000

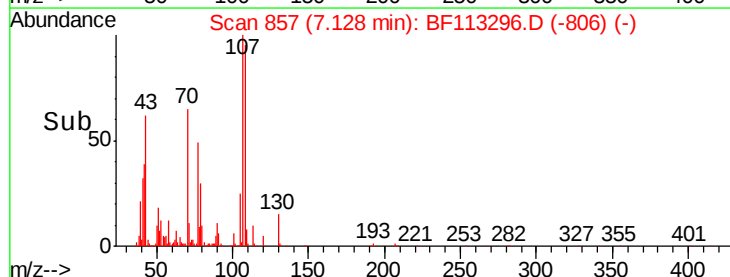
400000

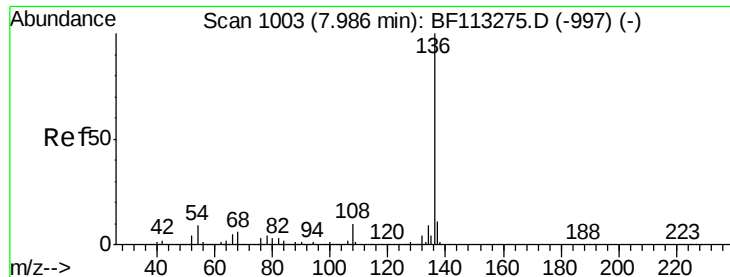
200000

0

7.10 7.20

Time-->

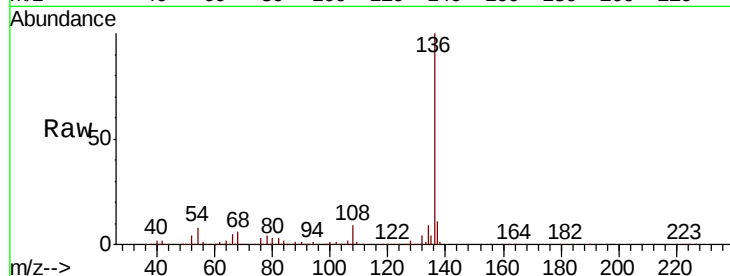




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	136	Resp:	620607
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.1	7.0	10.6
68	5.9	4.8	7.2



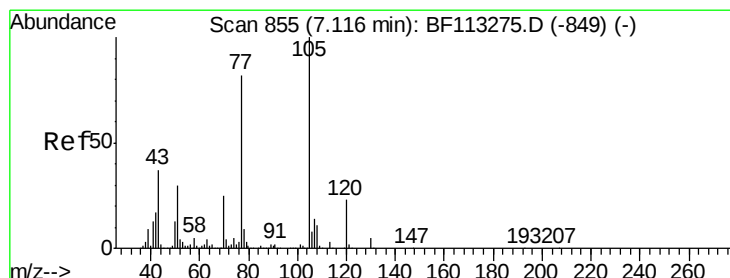
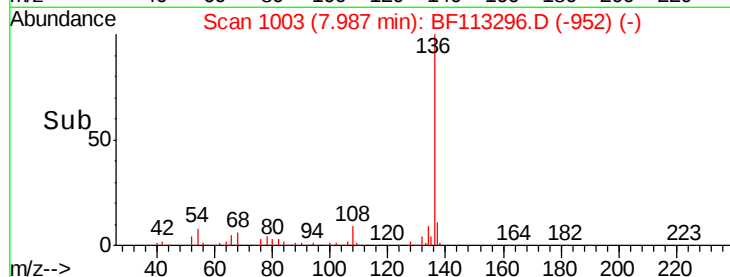
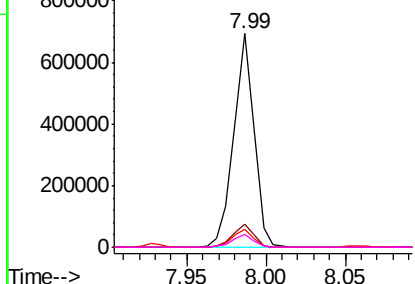
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

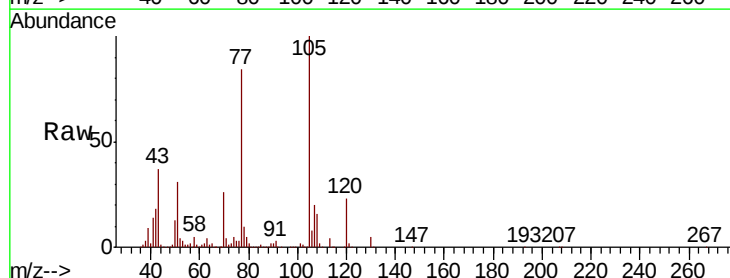
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 42.745 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

Tgt Ion:	105	Resp:	604984
Ion	Ratio	Lower	Upper
105	100		
71	4.2	3.3	4.9
51	30.9	24.2	36.2
120	23.0	18.1	27.1



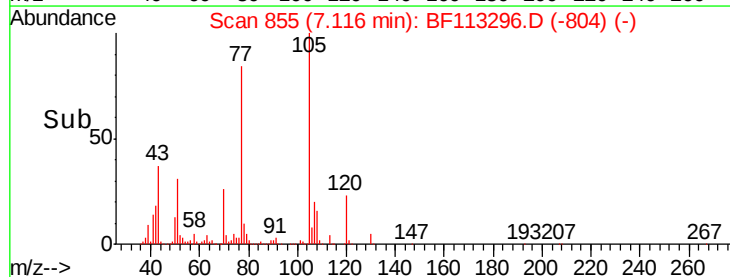
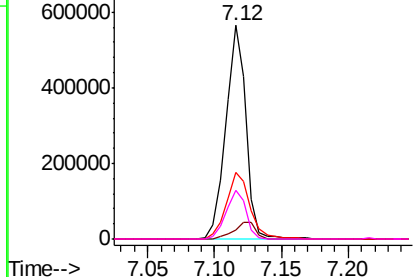
Abundance

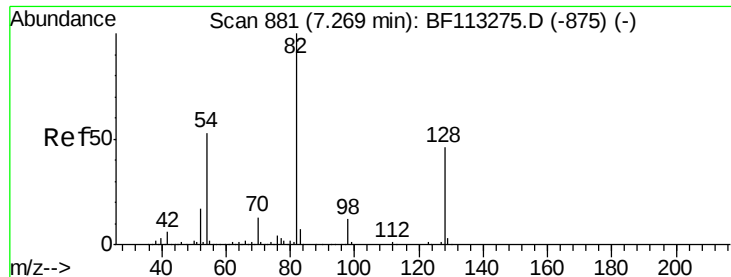
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

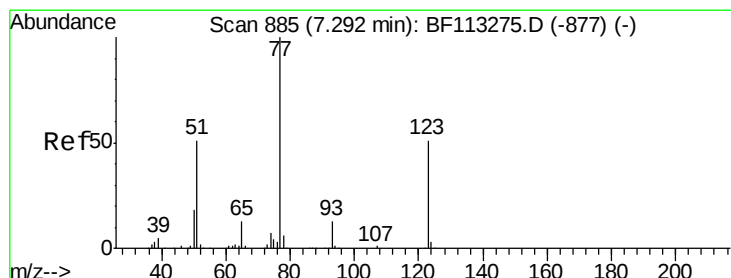
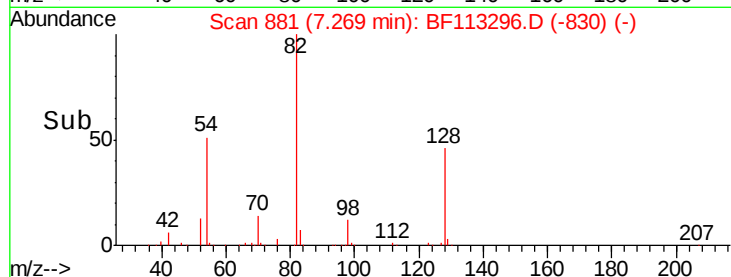
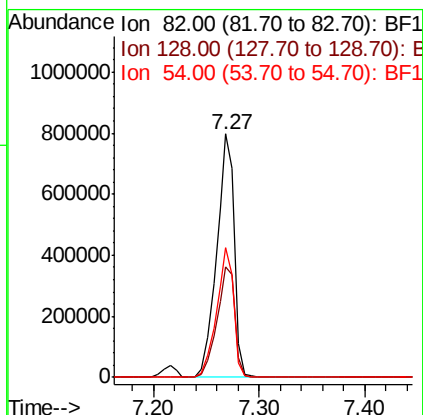
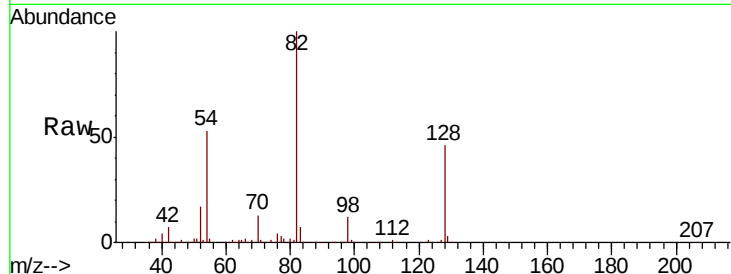




#23
 Nitrobenzene-d5
 Concen: 89.456 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113296.D
 Acq: 26 Mar 2019 17:26

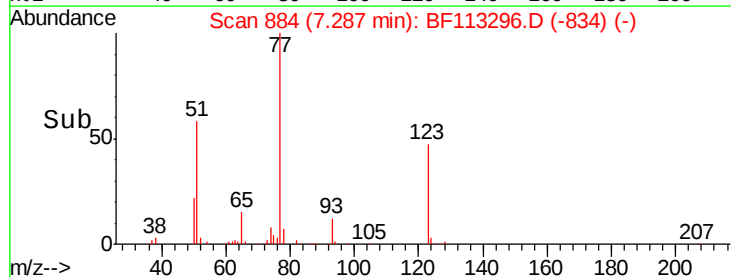
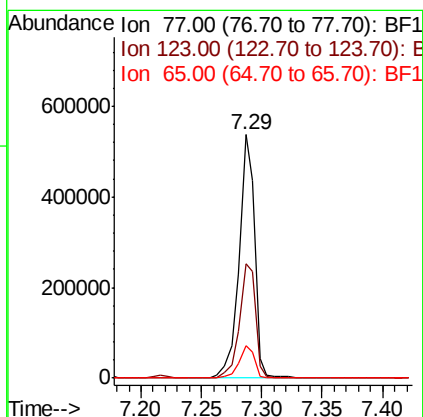
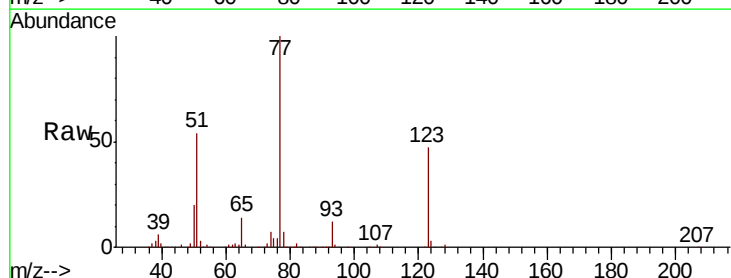
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

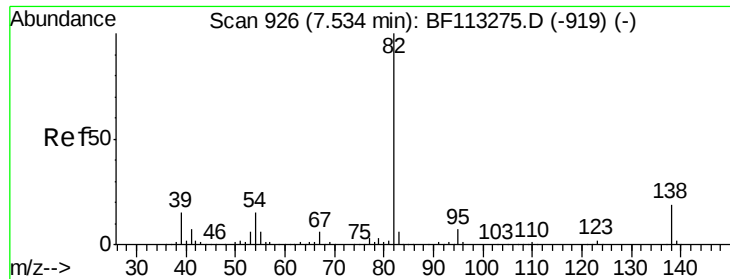
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.5	54.7
54	53.2	42.2	63.2



#24
 Nitrobenzene
 Concen: 44.133 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113296.D
 Acq: 26 Mar 2019 17:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.7	40.8	61.2
65	13.5	10.6	16.0





#25

Isophorone

Concen: 42.480 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

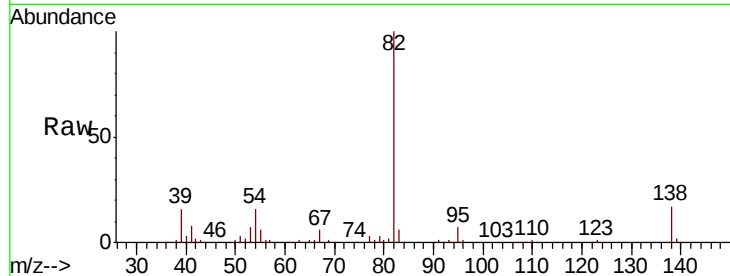
Tgt Ion: 82 Resp: 860779

Ion Ratio Lower Upper

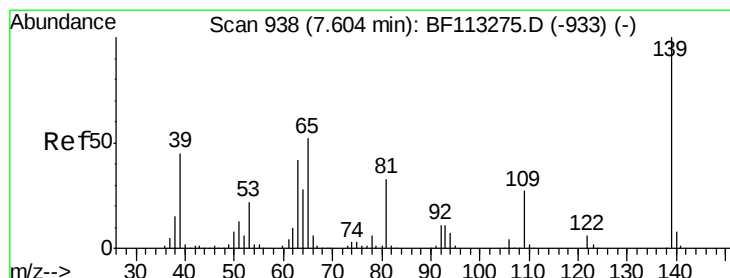
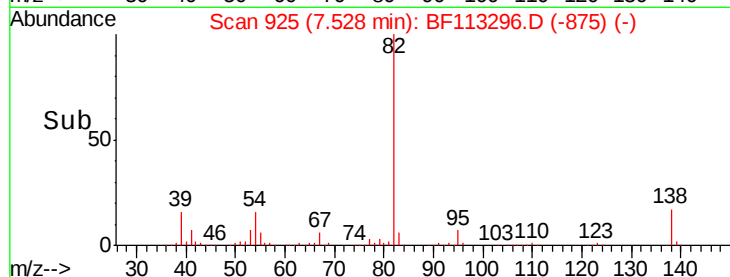
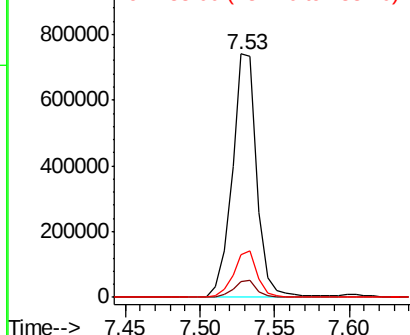
82 100

95 6.6 5.5 8.3

138 17.4 15.2 22.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.804 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

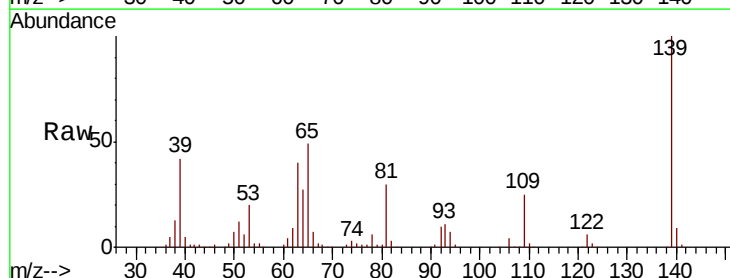
Tgt Ion: 139 Resp: 258396

Ion Ratio Lower Upper

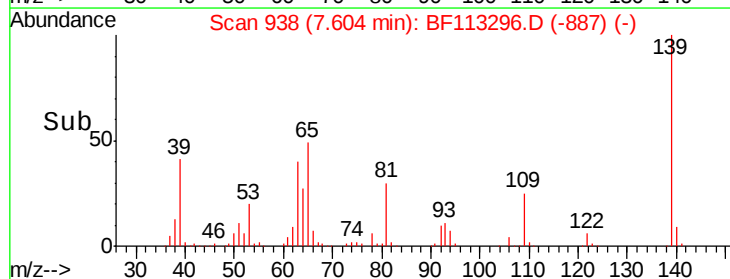
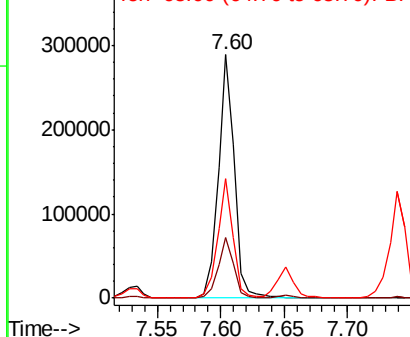
139 100

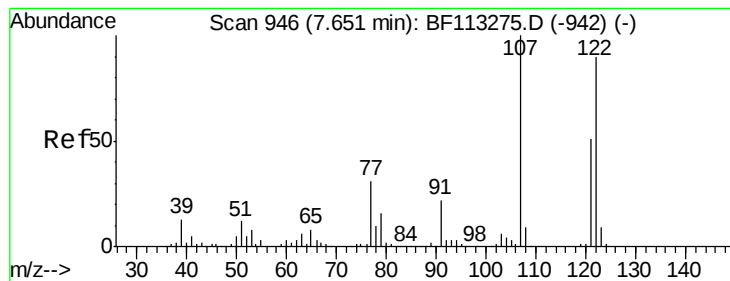
109 25.1 21.7 32.5

65 48.8 41.6 62.4



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

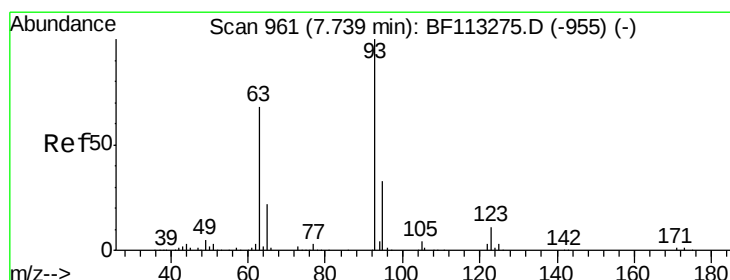
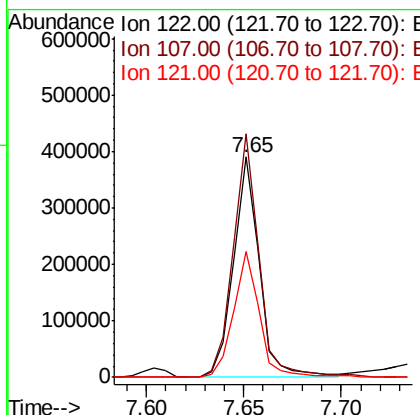
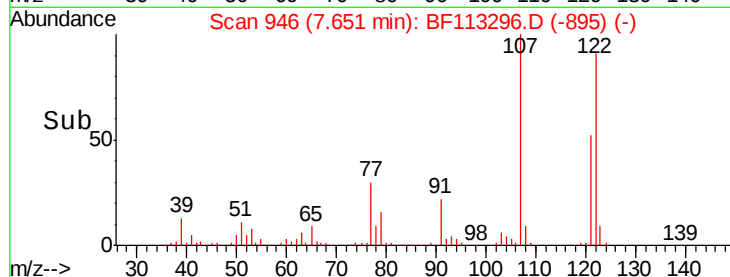
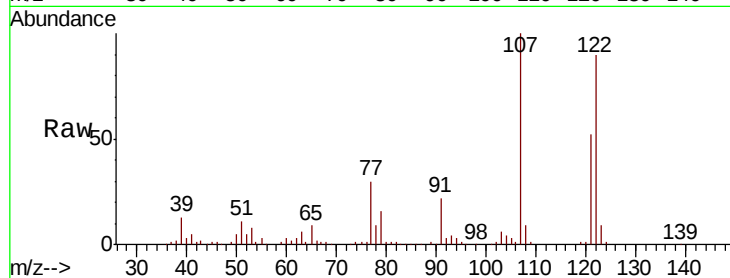




#27
 2,4-Dimethylphenol
 Concen: 43.011 ng
 RT: 7.65 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF113296.D
 Acq: 26 Mar 2019 17:26

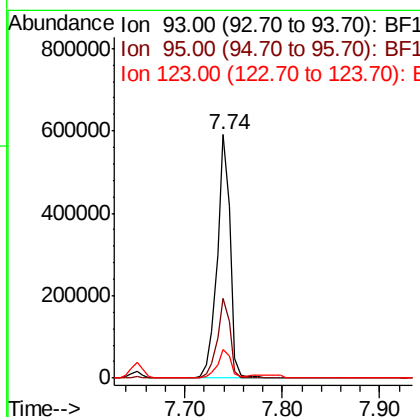
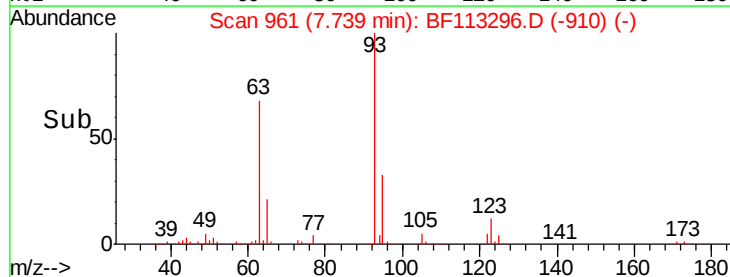
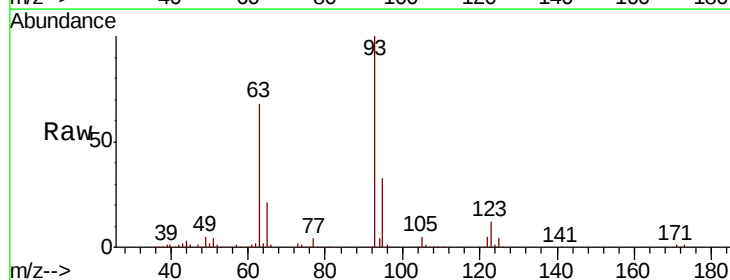
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

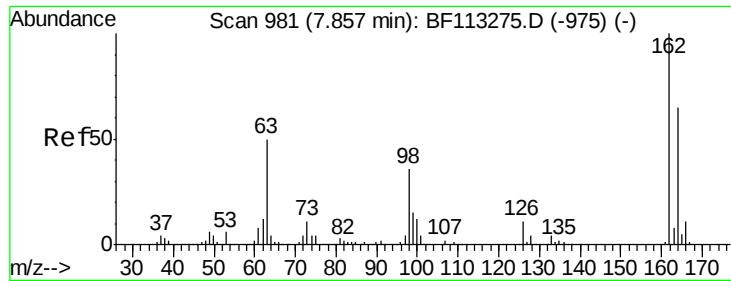
Tgt Ion: 122 Resp: 356828
 Ion Ratio Lower Upper
 122 100
 107 110.5 88.8 133.2
 121 57.1 45.5 68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.448 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF113296.D
 Acq: 26 Mar 2019 17:26

Tgt Ion: 93 Resp: 541665
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.0 39.0
 123 11.6 9.1 13.7

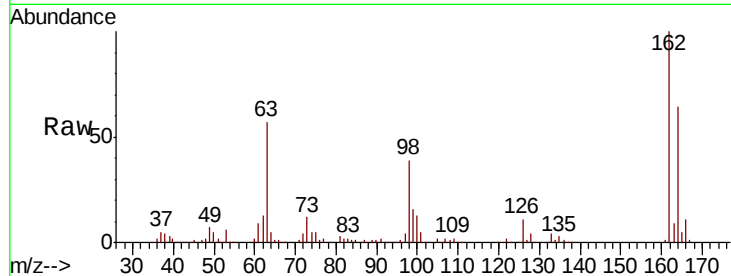




#29
2,4-Dichlorophenol
Concen: 43.751 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.6	84.6
98	38.7	15.6	55.6

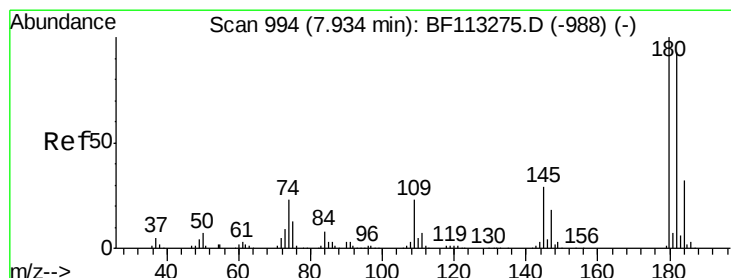
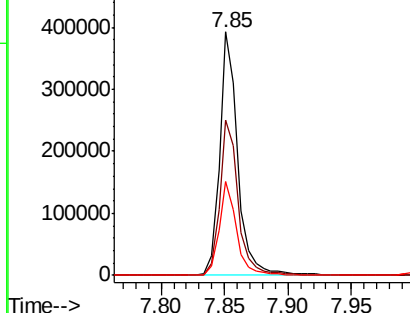
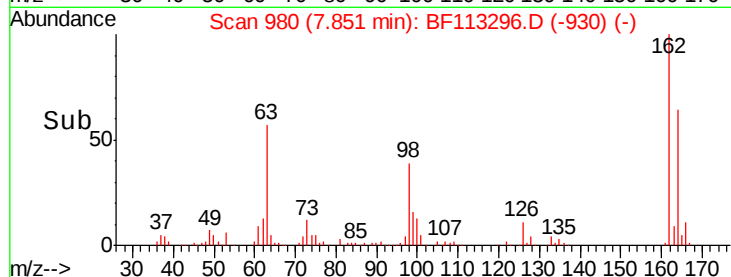


Abundance

Ion 162.00 (161.70 to 162.70): E

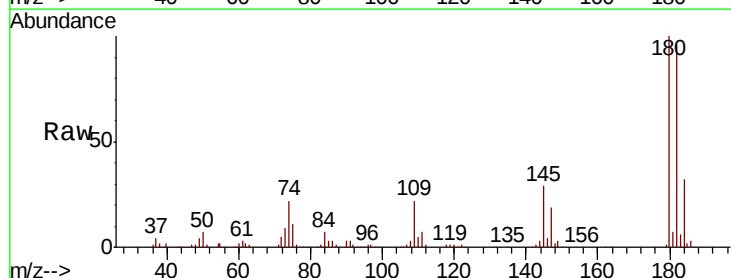
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 42.834 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	74.6	111.8
145	28.7	23.4	35.0

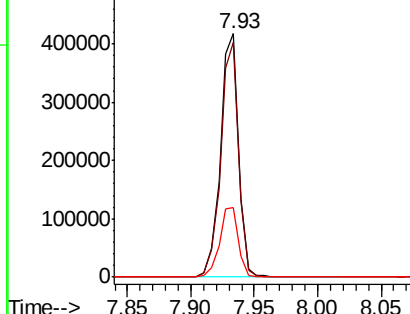
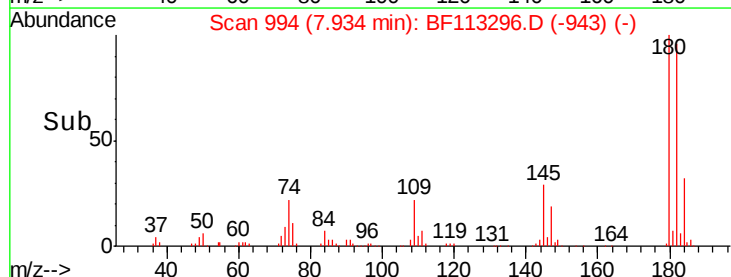


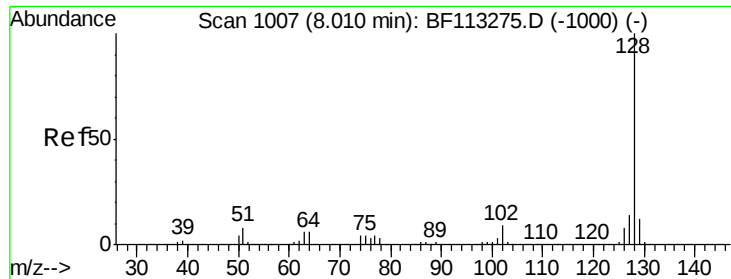
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

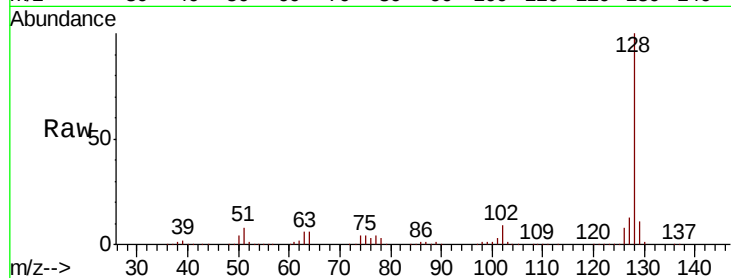




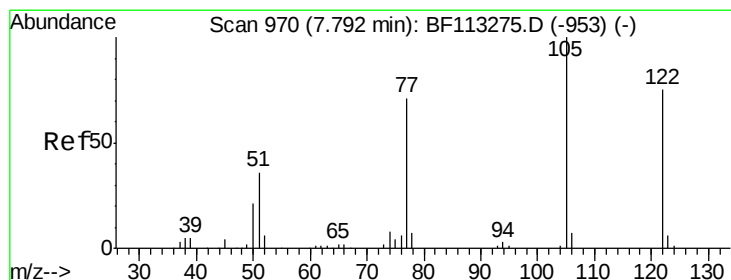
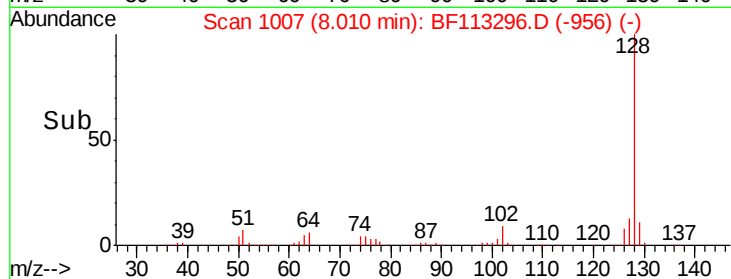
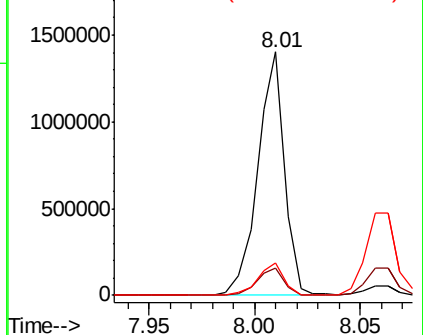
#31
Naphthalene
Concen: 40.626 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 1232081
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.5 10.9 16.3

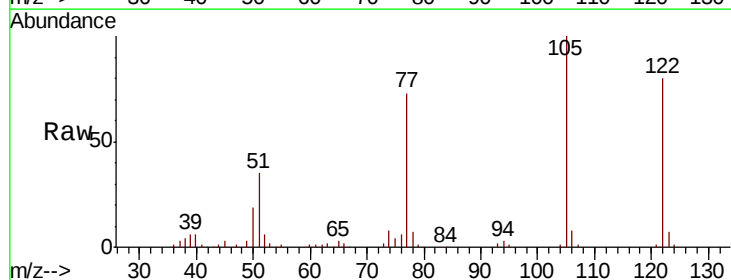


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

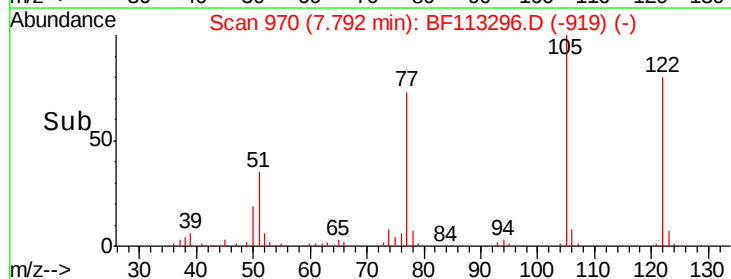
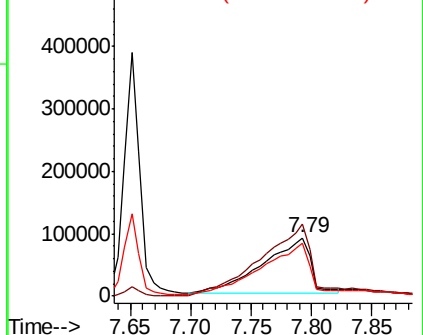


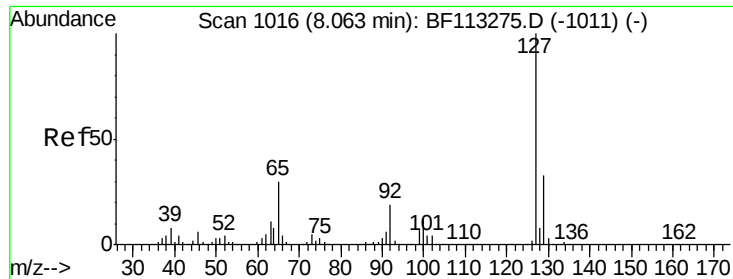
#32
Benzoic acid
Concen: 36.114 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

Tgt Ion:122 Resp: 241172
Ion Ratio Lower Upper
122 100
105 124.9 100.4 140.4
77 91.3 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

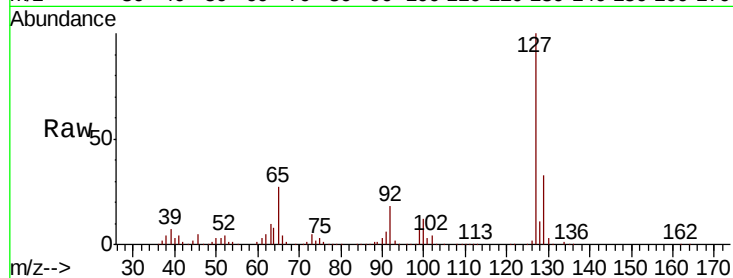




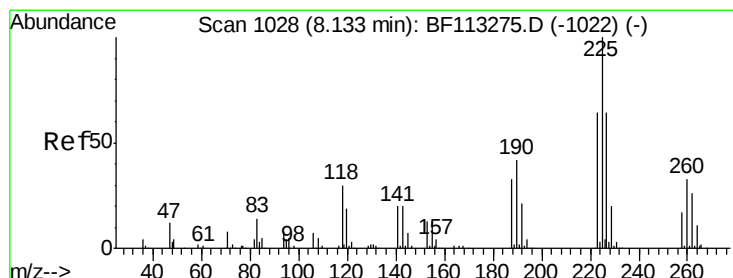
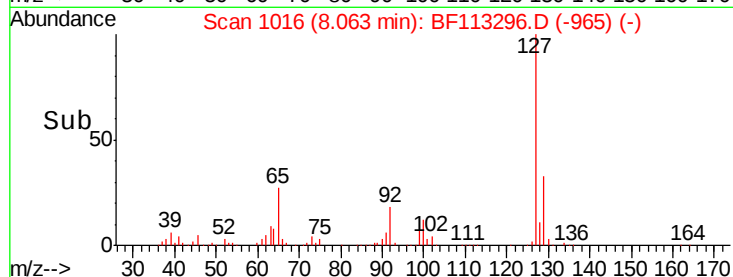
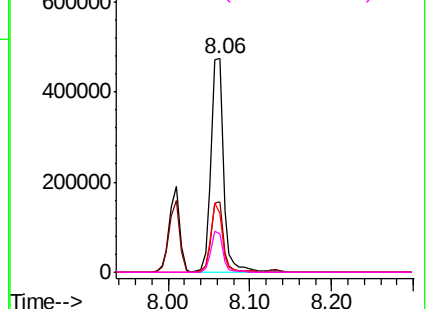
#33
4-Chloroaniline
Concen: 42.733 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	505367
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	27.4	24.2	36.4
92	17.9	15.0	22.6

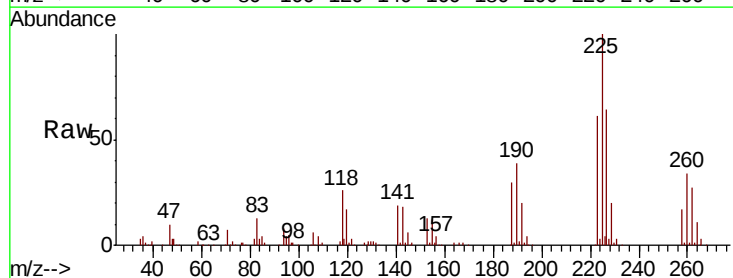


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

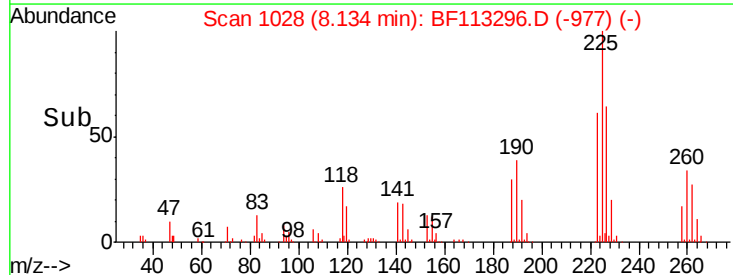
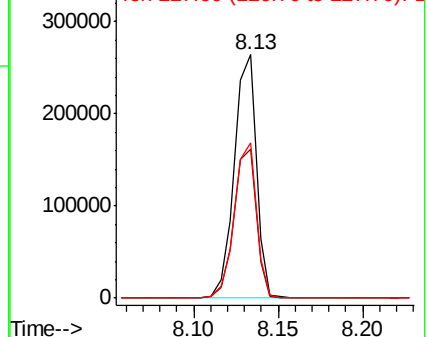


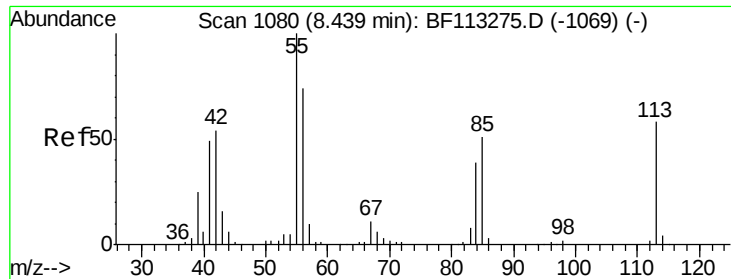
#34
Hexachlorobutadiene
Concen: 41.548 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

Tgt Ion:	225	Resp:	239524
Ion	Ratio	Lower	Upper
225	100		
223	61.2	51.4	77.2
227	63.9	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

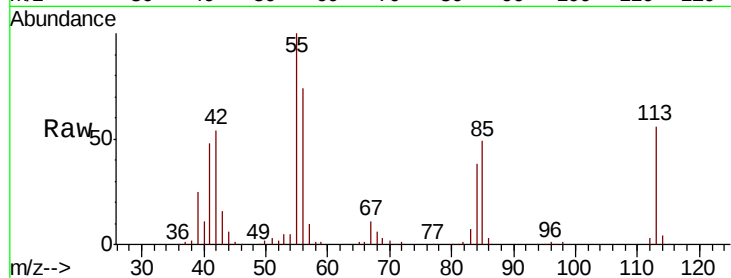




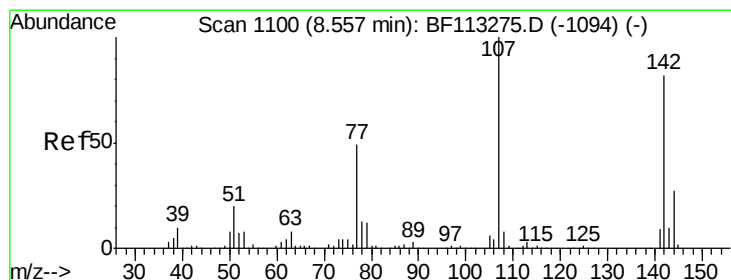
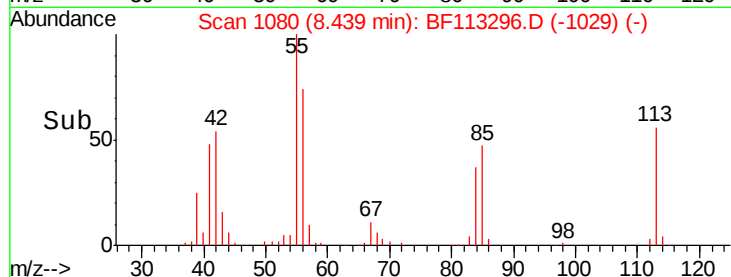
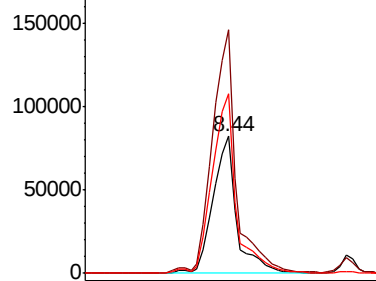
#35
 Caprolactam
 Concen: 44.133 ng
 RT: 8.44 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BF113296.D
 Acq: 26 Mar 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 127342
 Ion Ratio Lower Upper
 113 100
 55 177.4 152.7 192.7
 56 131.2 108.3 148.3

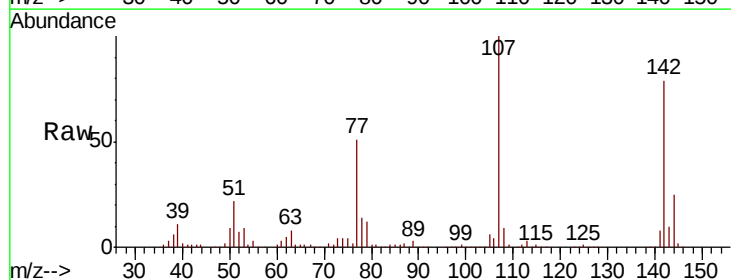


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

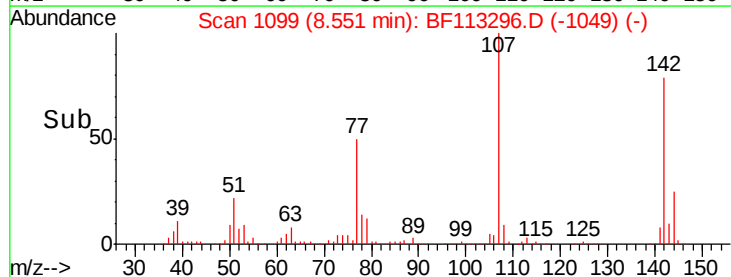
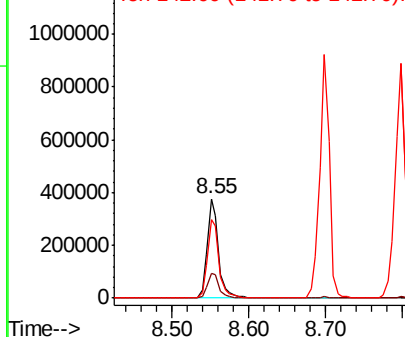


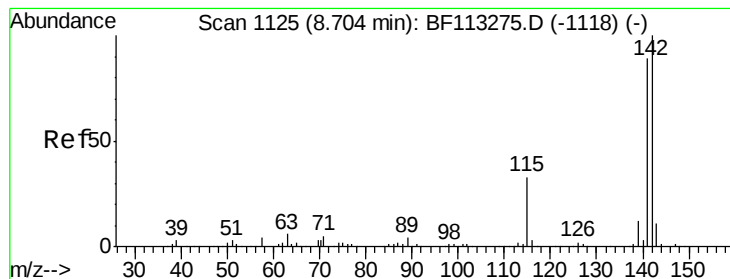
#36
 4-Chloro-3-methylphenol
 Concen: 42.147 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF113296.D
 Acq: 26 Mar 2019 17:26

Tgt Ion:107 Resp: 381124
 Ion Ratio Lower Upper
 107 100
 144 25.0 21.4 32.0
 142 79.0 65.6 98.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

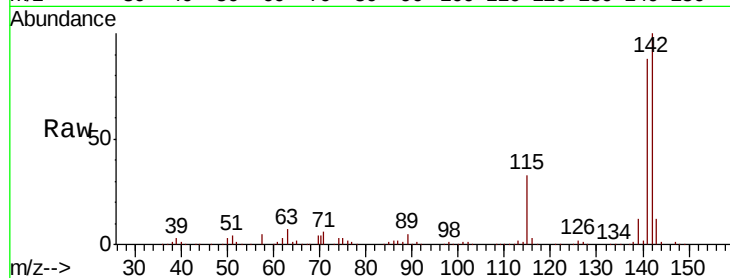




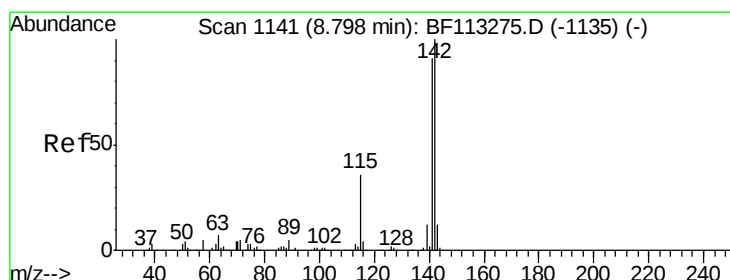
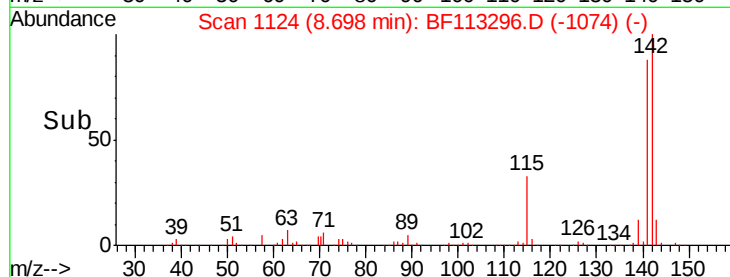
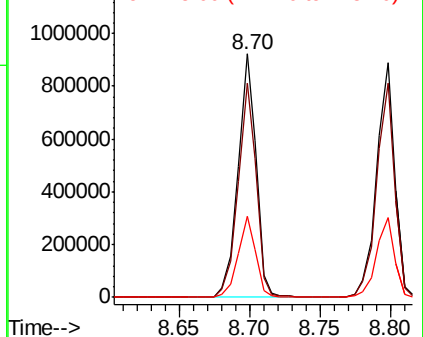
#37
 2-Methylnaphthalene
 Concen: 43.367 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF113296.D
 Acq: 26 Mar 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:142 Resp: 820641
 Ion Ratio Lower Upper
 142 100
 141 87.8 71.0 106.6
 115 33.1 26.6 39.8

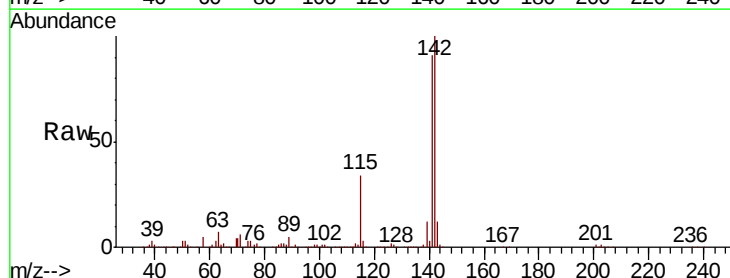


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

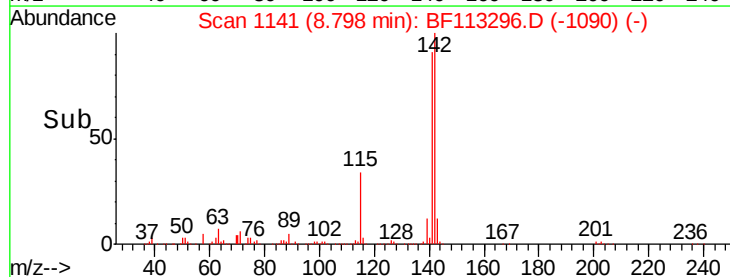
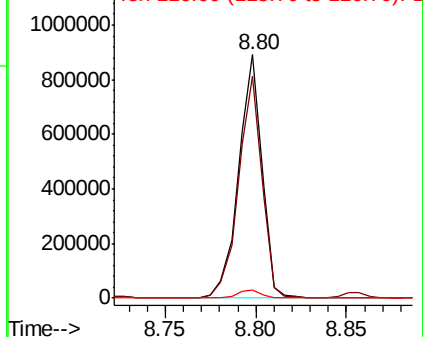


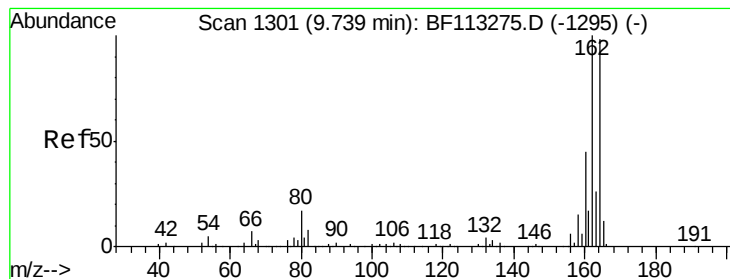
#38
 1-Methylnaphthalene
 Concen: 43.502 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF113296.D
 Acq: 26 Mar 2019 17:26

Tgt Ion:142 Resp: 791805
 Ion Ratio Lower Upper
 142 100
 141 91.1 73.2 109.8
 116 3.4 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

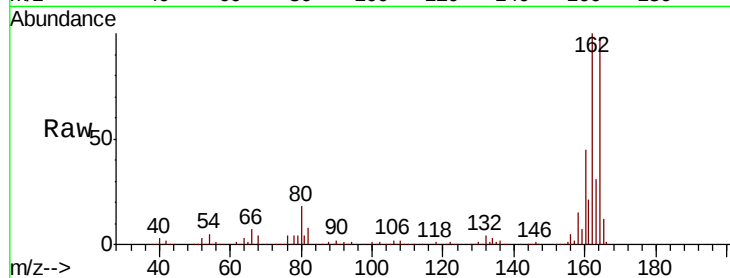
Tgt Ion:164 Resp: 312943

Ion Ratio Lower Upper

164 100

162 102.3 81.8 122.6

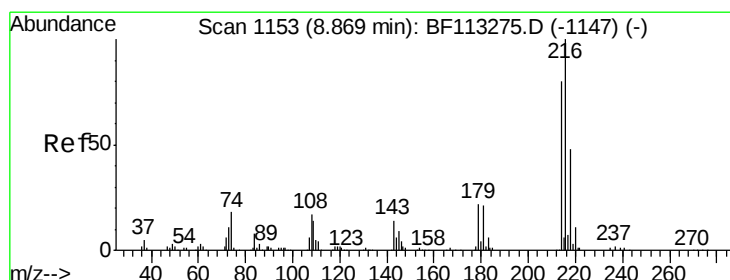
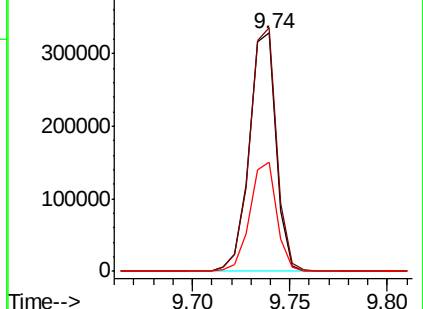
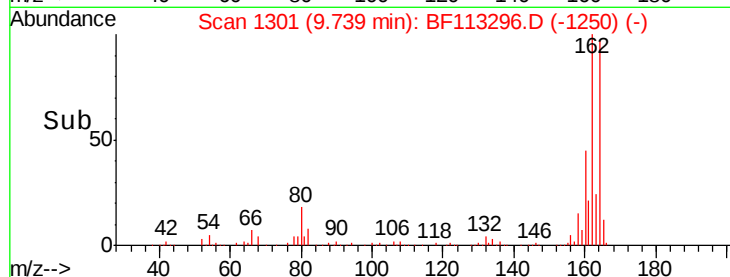
160 46.0 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.119 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

Tgt Ion:216 Resp: 392968

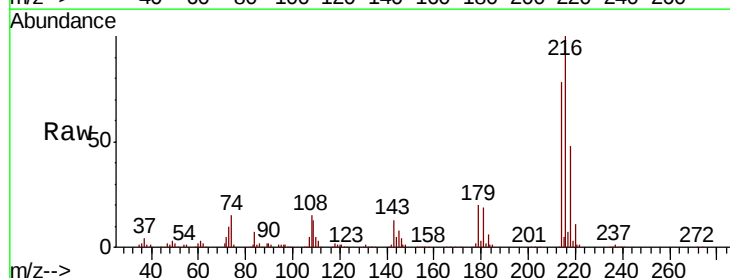
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.6

179 20.7 16.8 25.2

108 16.9 13.8 20.6

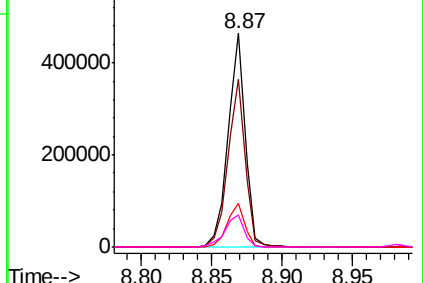
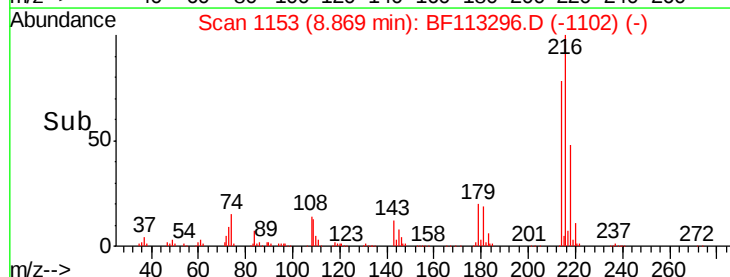


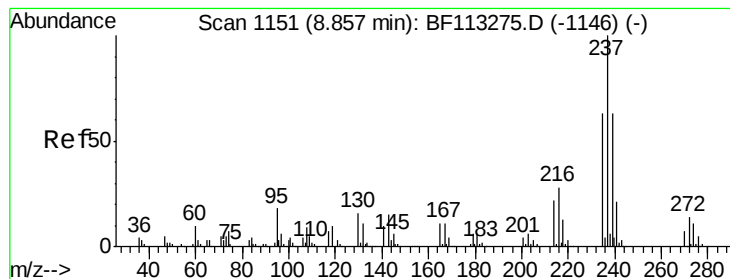
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 36.702 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

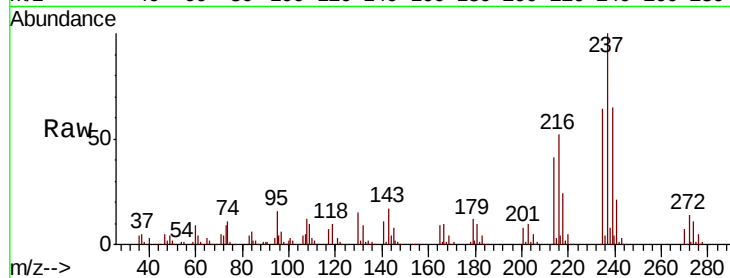
Tgt Ion: 237 Resp: 156057

Ion Ratio Lower Upper

237 100

235 63.6 43.4 83.4

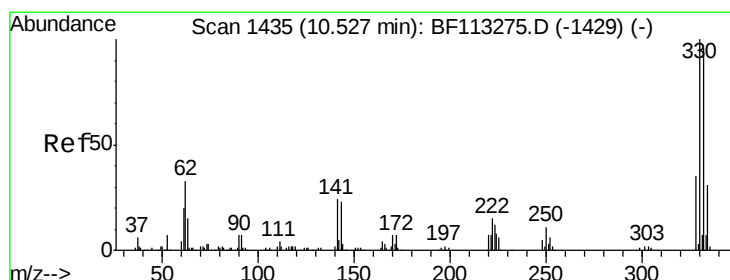
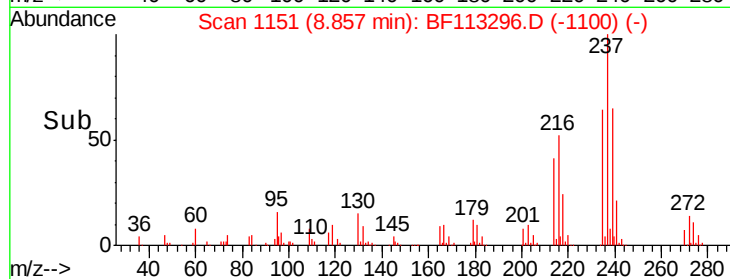
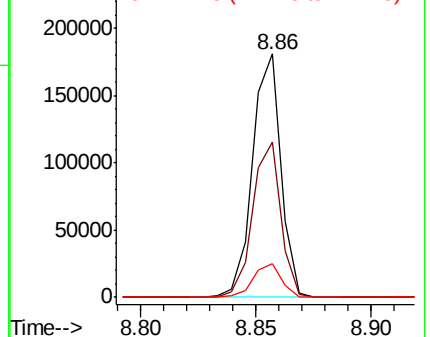
272 14.0 0.0 33.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 87.093 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

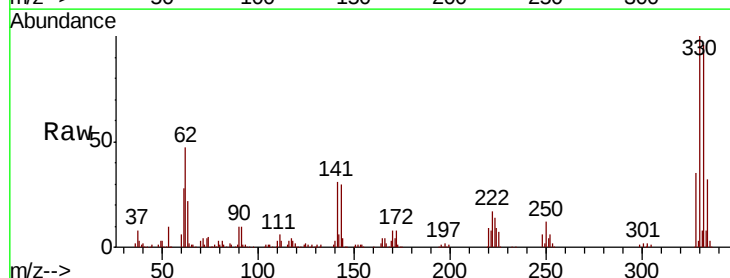
Tgt Ion: 330 Resp: 336662

Ion Ratio Lower Upper

330 100

332 95.8 77.8 116.6

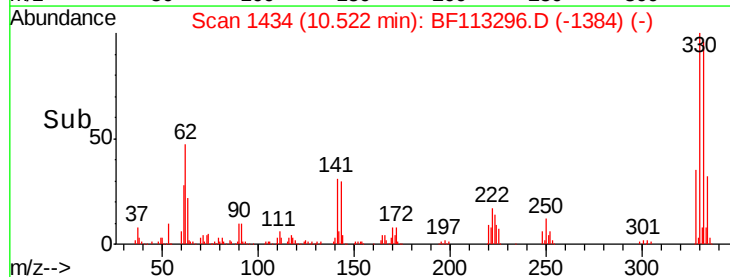
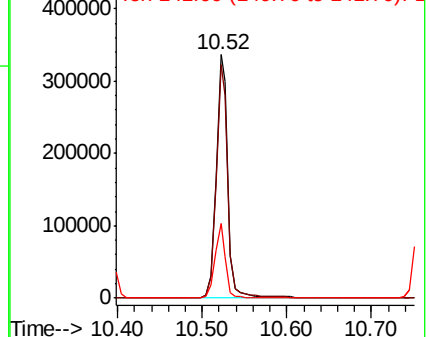
141 27.5 22.7 34.1

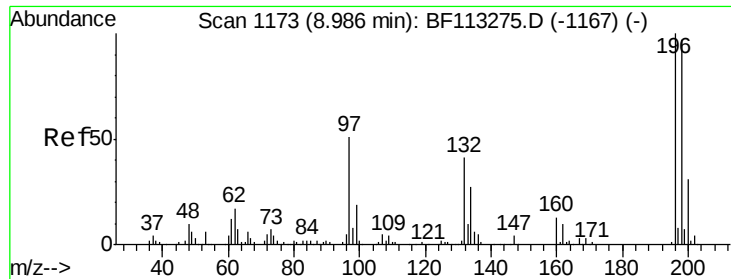


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

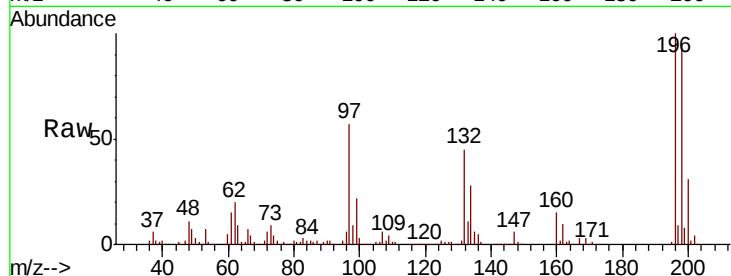




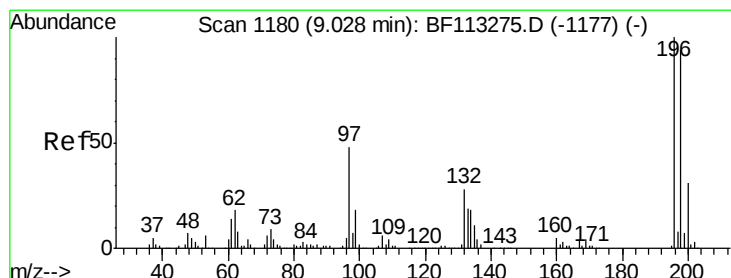
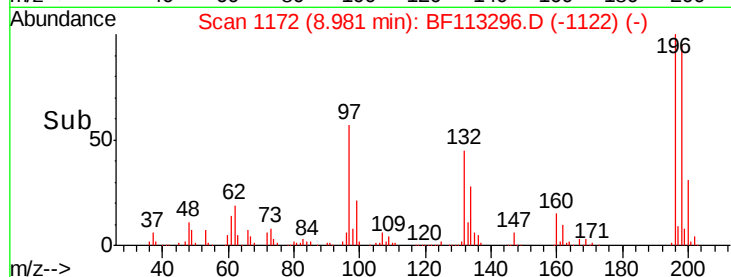
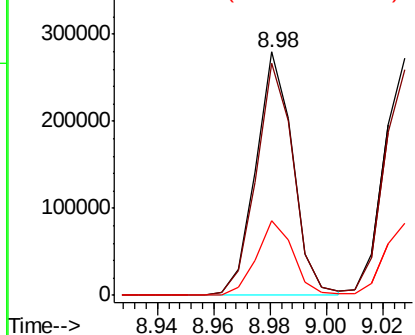
#43
 2,4,6-Trichlorophenol
 Concen: 38.922 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF113296.D
 Acq: 26 Mar 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 254608
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.7 116.5
 200 30.6 24.9 37.3



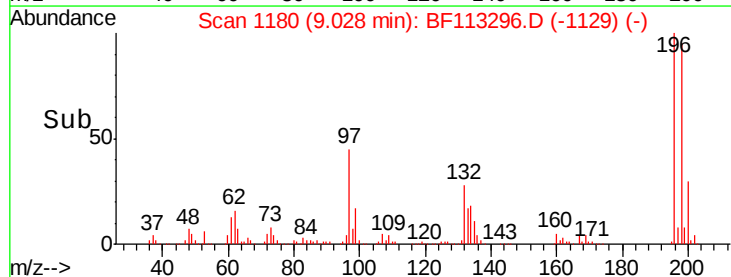
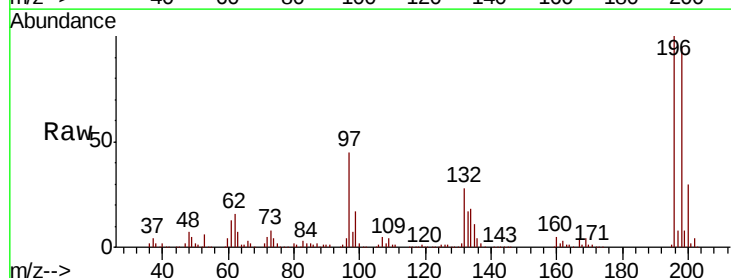
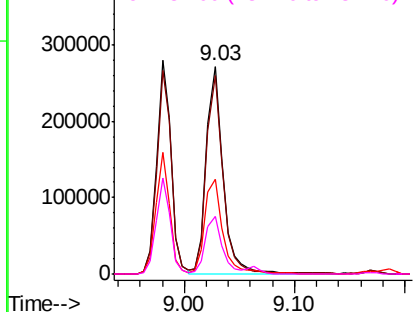
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

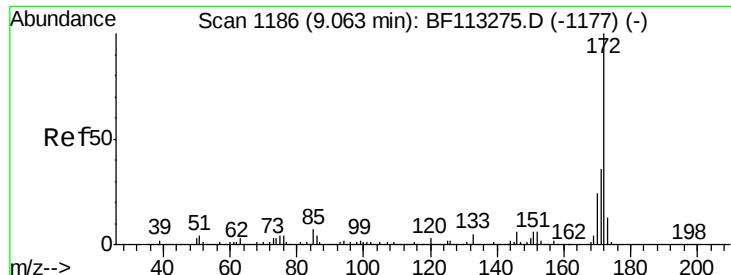


#44
 2,4,5-Trichlorophenol
 Concen: 38.636 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF113296.D
 Acq: 26 Mar 2019 17:26

Tgt Ion:196 Resp: 279700
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.4 113.2
 97 45.3 38.6 58.0
 132 27.6 22.9 34.3

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

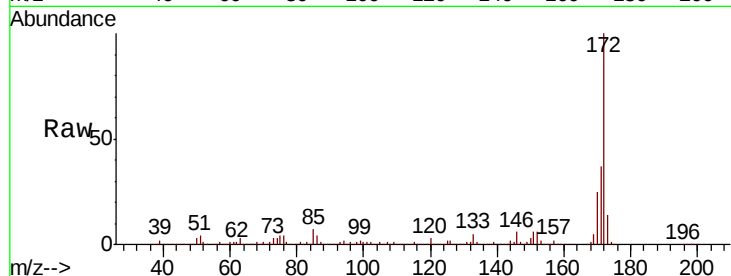




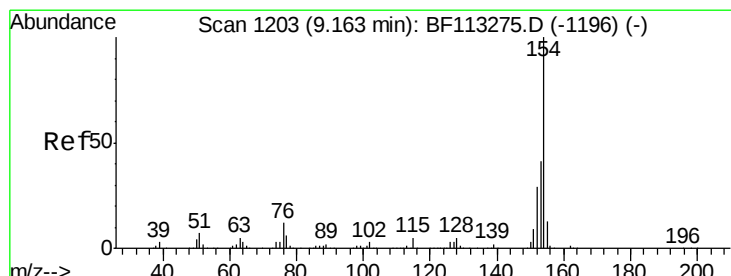
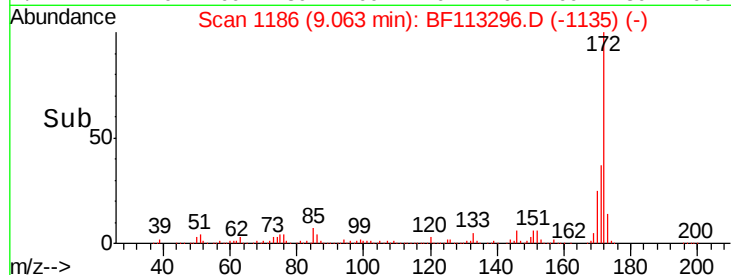
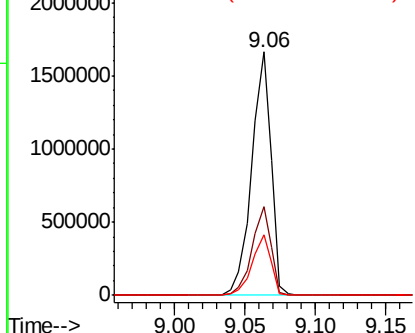
#45
2-Fluorobiphenyl
Concen: 79.505 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:172 Resp: 1610179
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 24.8 19.5 29.3

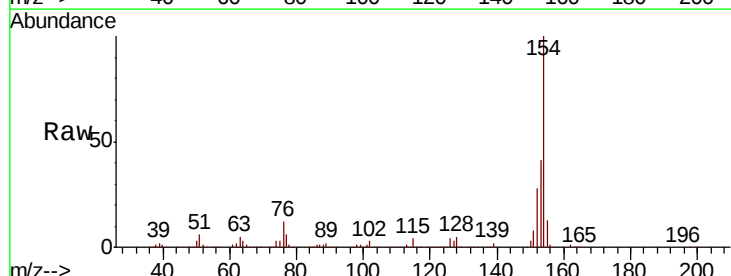


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

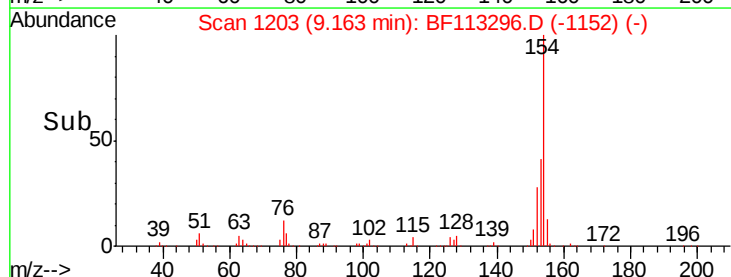
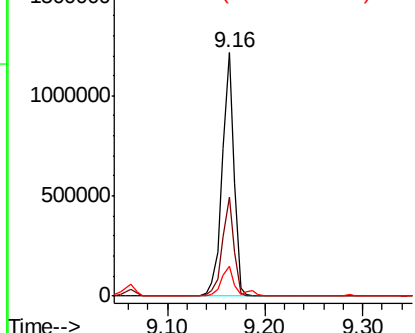


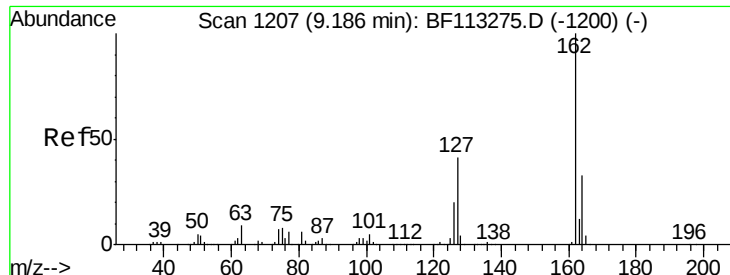
#46
1,1'-Biphenyl
Concen: 38.975 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

Tgt Ion:154 Resp: 1018673
Ion Ratio Lower Upper
154 100
153 40.7 20.8 60.8
76 12.3 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

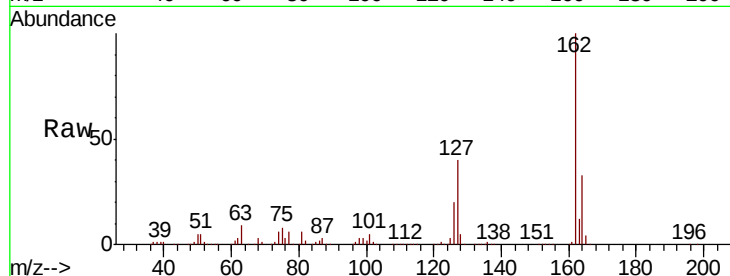




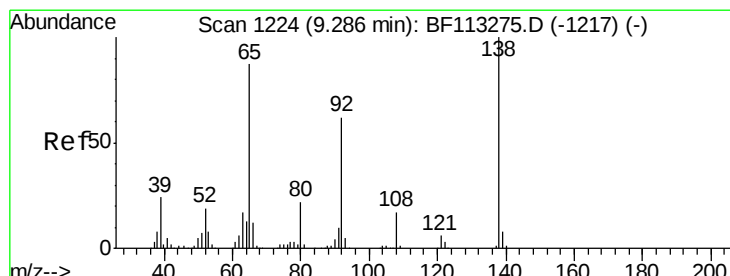
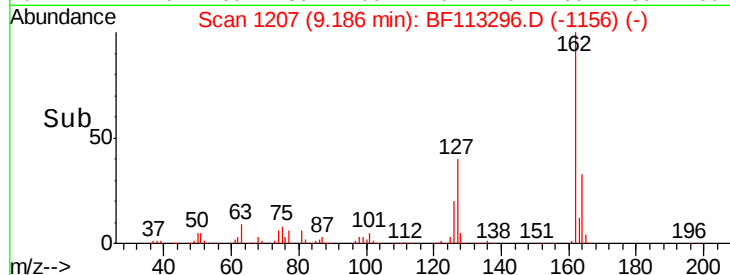
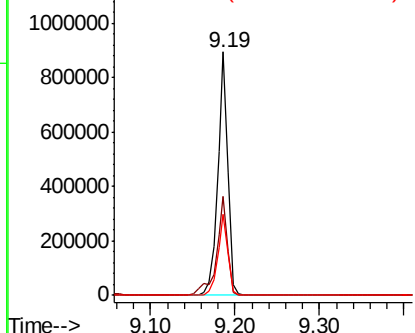
#47
 2-Chloronaphthalene
 Concen: 38.299 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF113296.D
 Acq: 26 Mar 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.6	49.0
164	33.2	26.6	39.8

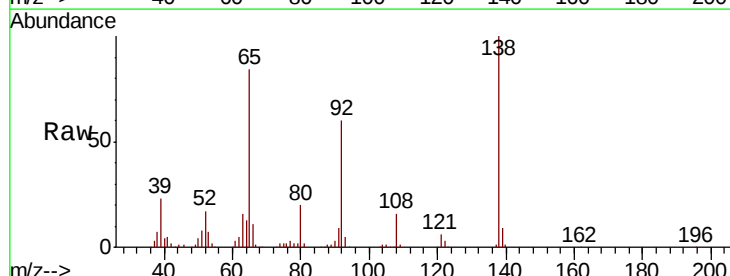


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

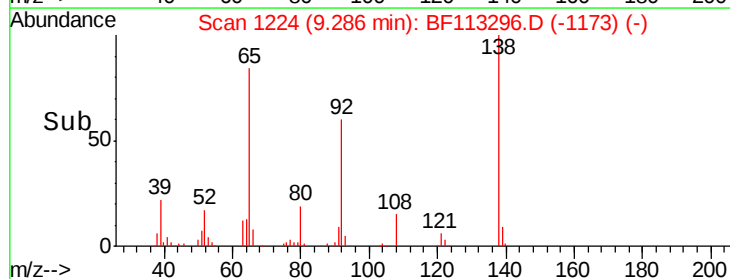
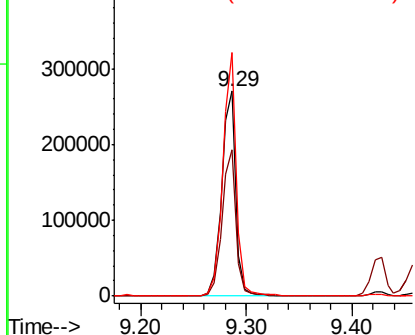


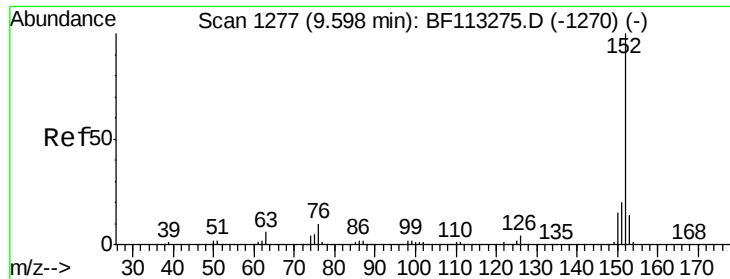
#48
 2-Nitroaniline
 Concen: 40.429 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF113296.D
 Acq: 26 Mar 2019 17:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.6	56.8	85.2
138	118.9	92.3	138.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.648 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

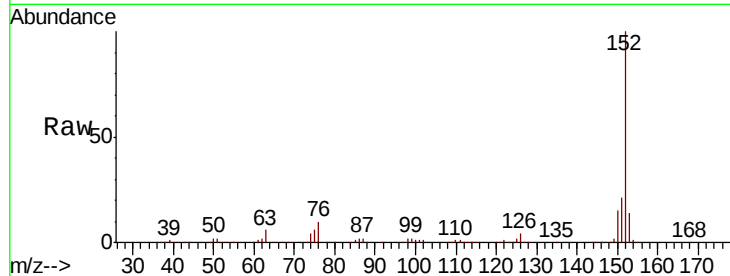
Tgt Ion:152 Resp: 1322636

Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.4

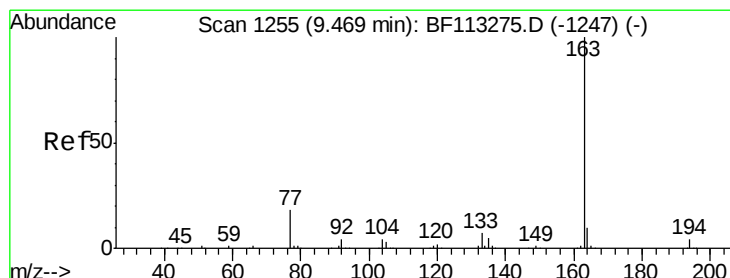
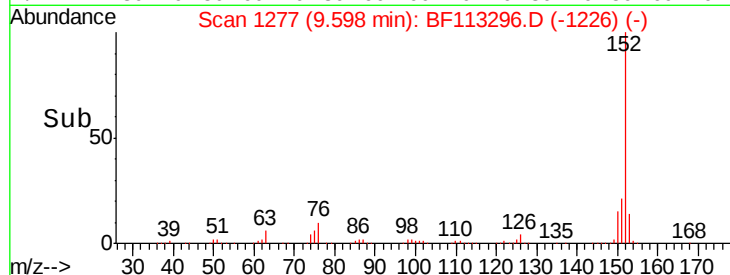
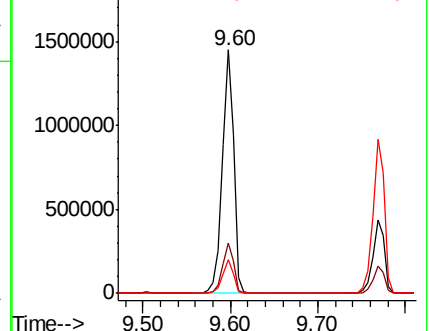
153 13.6 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.646 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

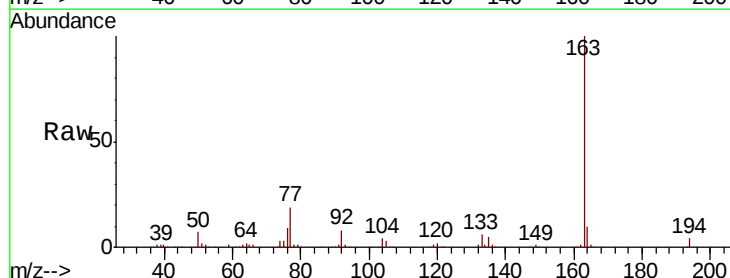
Tgt Ion:163 Resp: 919455

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

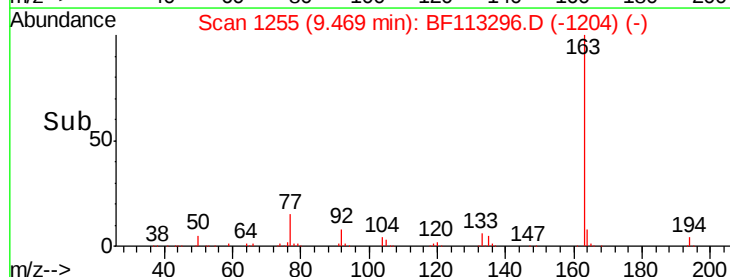
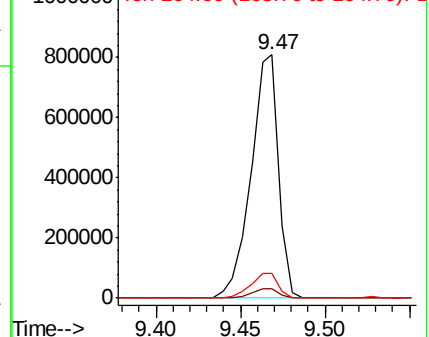
164 10.0 8.1 12.1

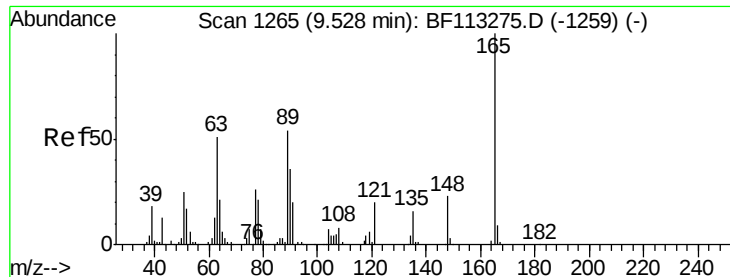


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

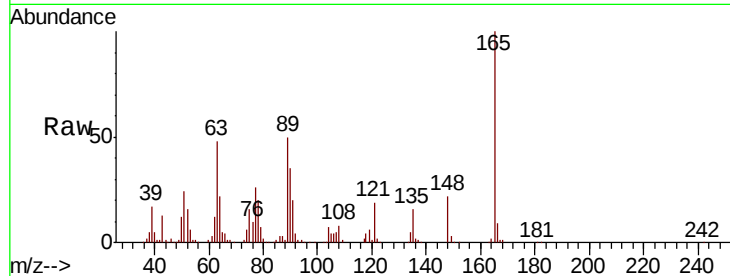




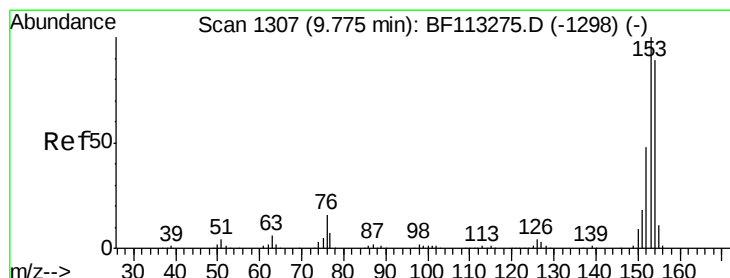
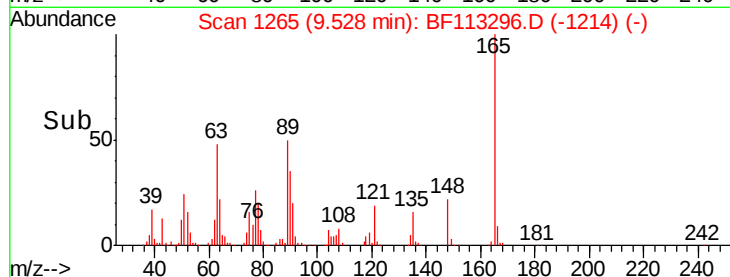
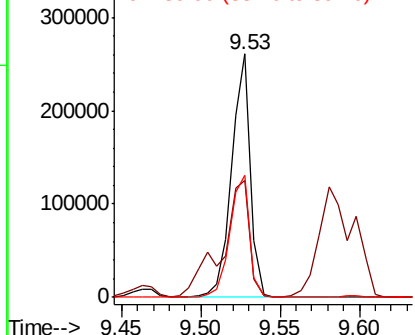
#51
 2,6-Dinitrotoluene
 Concen: 40.927 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BF113296.D
 Acq: 26 Mar 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:165 Resp: 214130
 Ion Ratio Lower Upper
 165 100
 63 48.1 43.4 65.0
 89 50.2 43.1 64.7

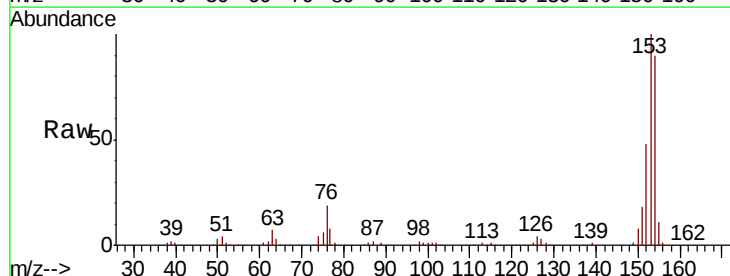


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

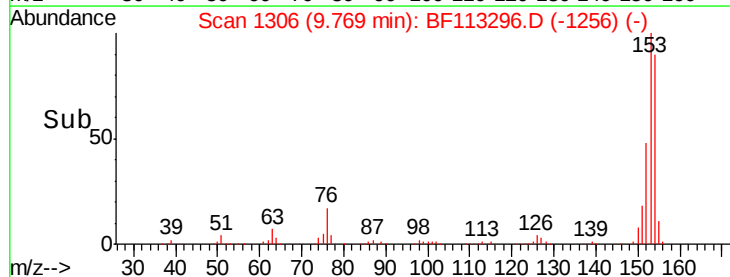
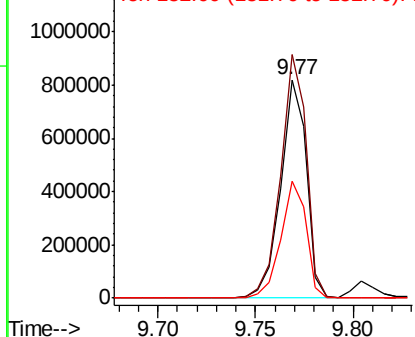


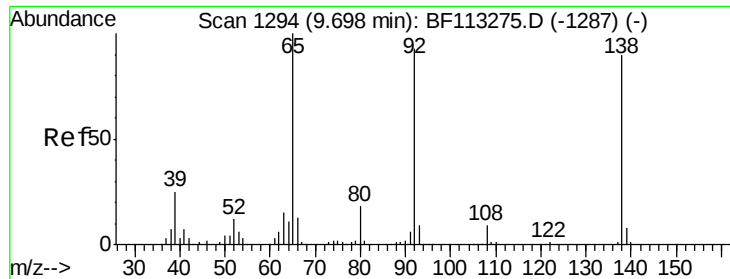
#52
 Acenaphthene
 Concen: 40.766 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF113296.D
 Acq: 26 Mar 2019 17:26

Tgt Ion:154 Resp: 747008
 Ion Ratio Lower Upper
 154 100
 153 111.5 89.5 134.3
 152 53.4 43.3 64.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 41.939 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

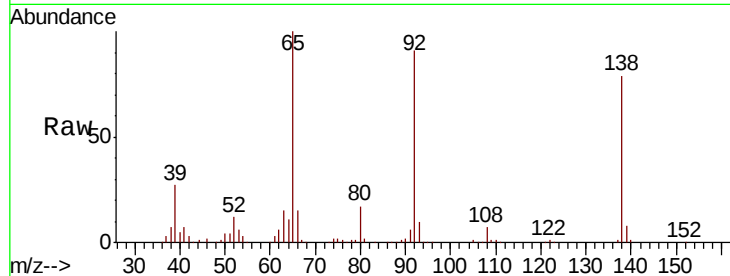
Tgt Ion:138 Resp: 247449

Ion Ratio Lower Upper

138 100

108 9.1 7.8 11.6

92 115.1 82.6 124.0

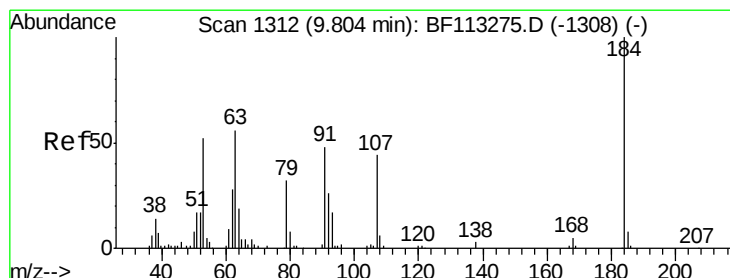
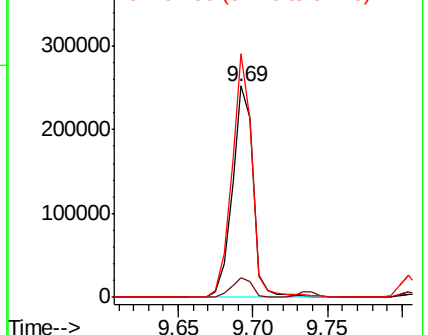
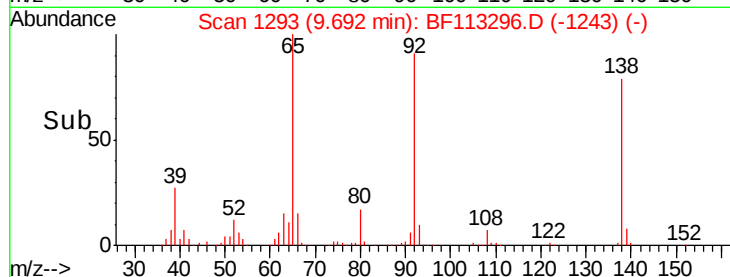


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 39.897 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

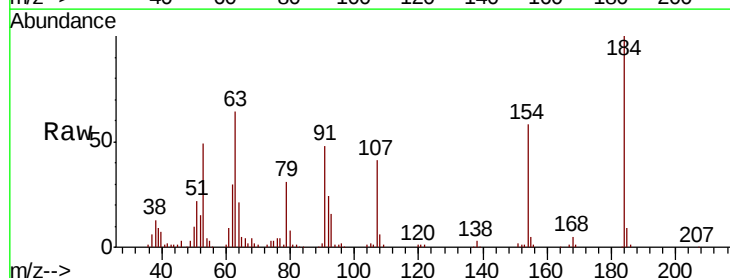
Tgt Ion:184 Resp: 103820

Ion Ratio Lower Upper

184 100

63 63.8 54.3 81.5

154 57.6 48.4 72.6

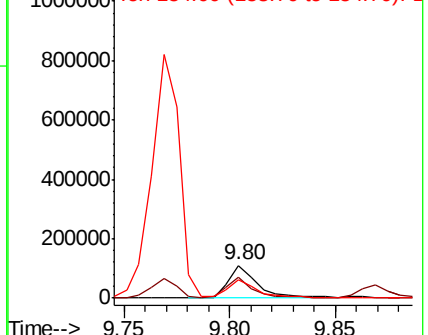
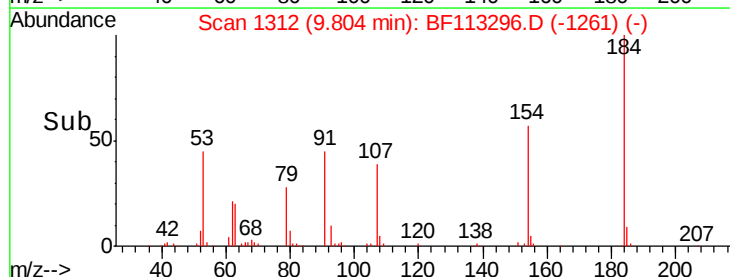


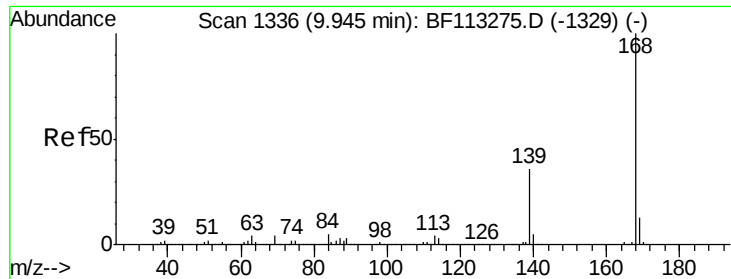
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

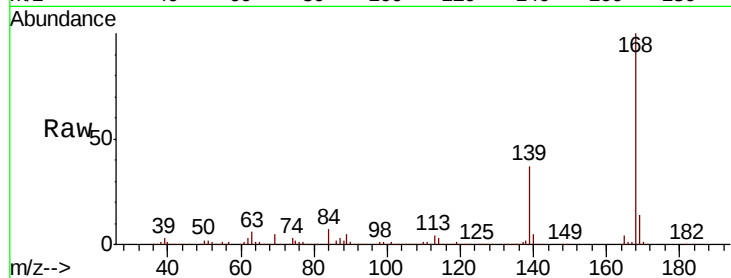




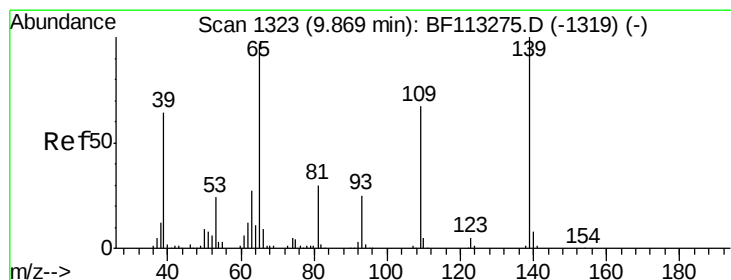
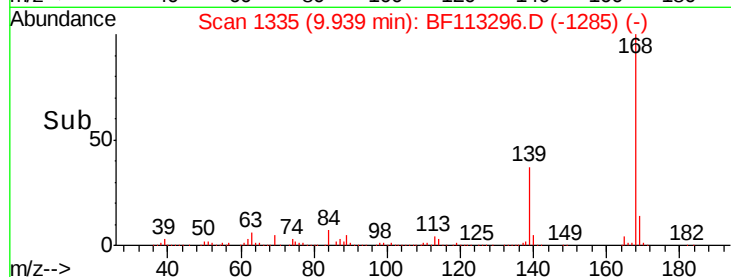
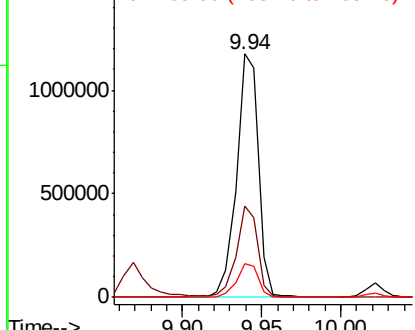
#55
Dibenzofuran
Concen: 40.856 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:168 Resp: 1125476
Ion Ratio Lower Upper
168 100
139 37.3 29.7 44.5
169 13.9 10.7 16.1

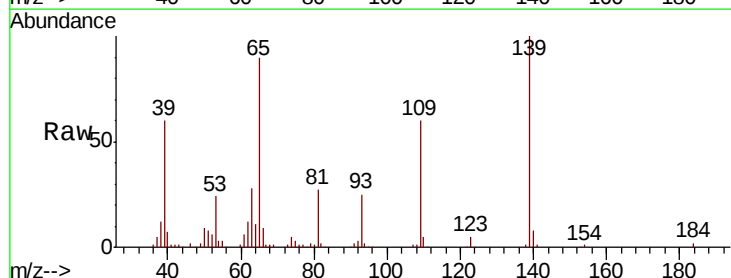


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

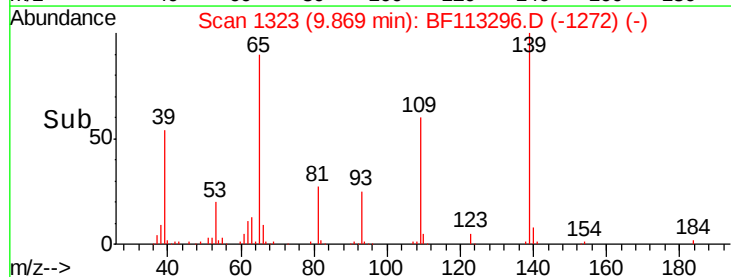
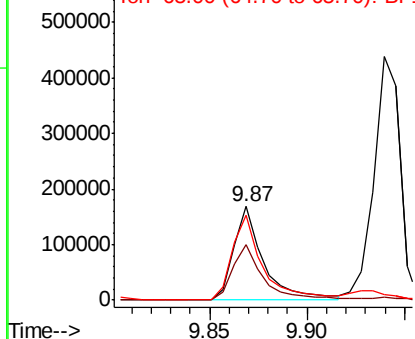


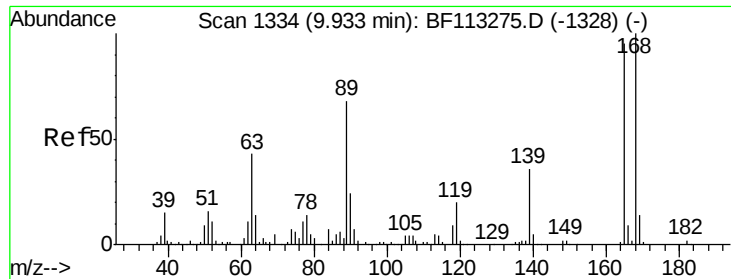
#56
4-Nitrophenol
Concen: 42.853 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

Tgt Ion:139 Resp: 180257
Ion Ratio Lower Upper
139 100
109 59.5 46.9 86.9
65 90.5 77.2 117.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

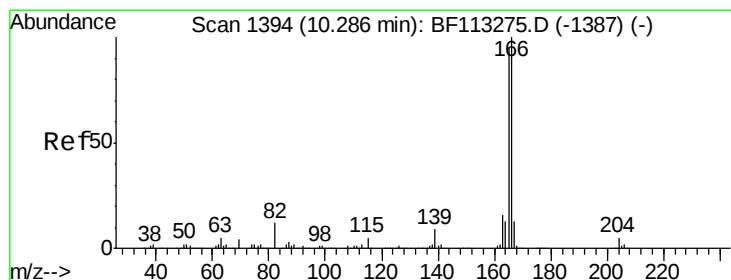
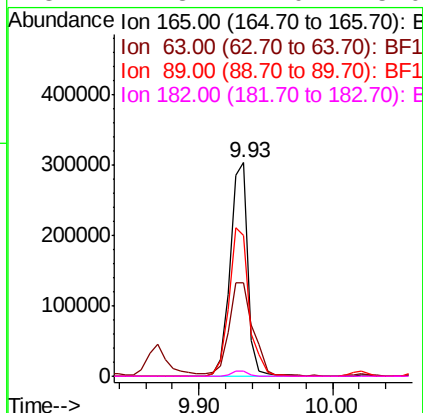
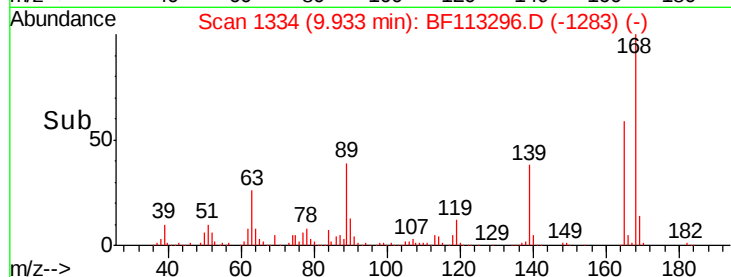
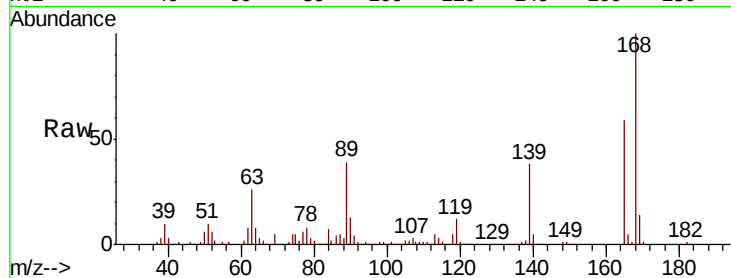




#57
2,4-Dinitrotoluene
Concen: 42.566 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

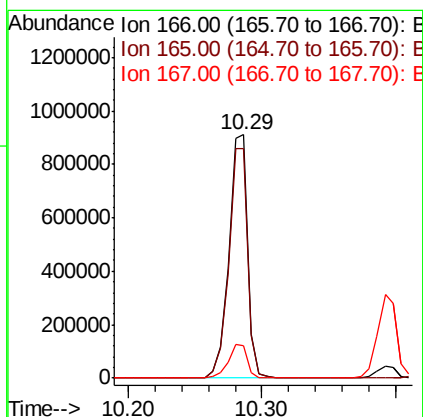
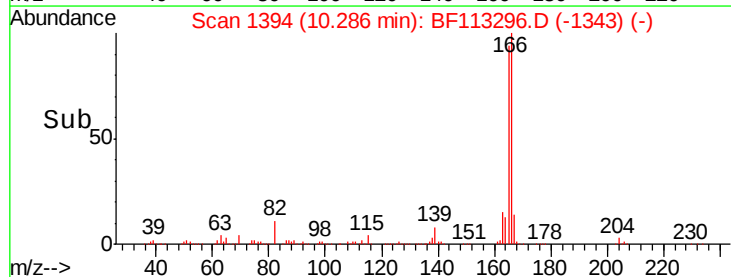
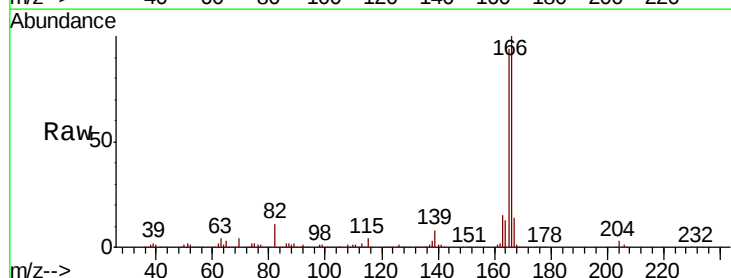
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

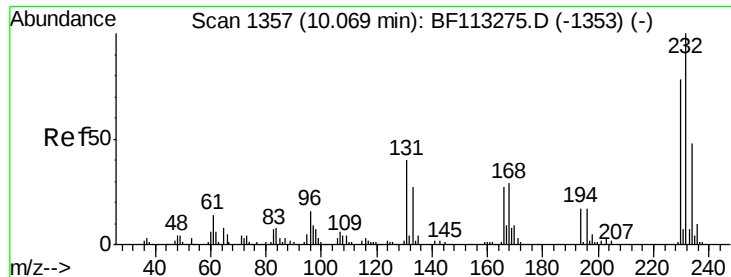
Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.0	37.5	56.3
89	65.7	57.4	86.2
182	2.3	2.0	3.0



#58
Fluorene
Concen: 42.370 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.3	76.2	114.2
167	13.6	10.7	16.1

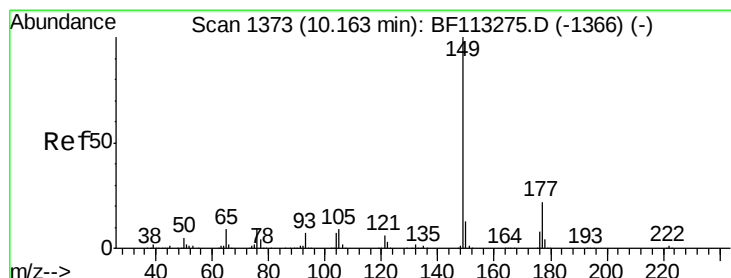
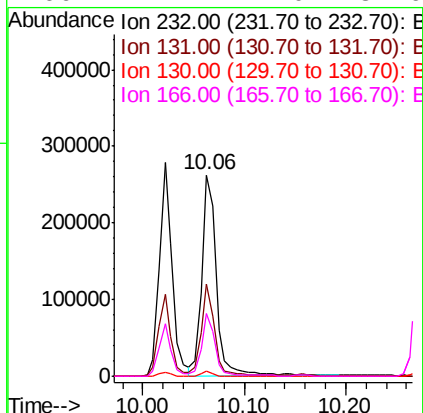
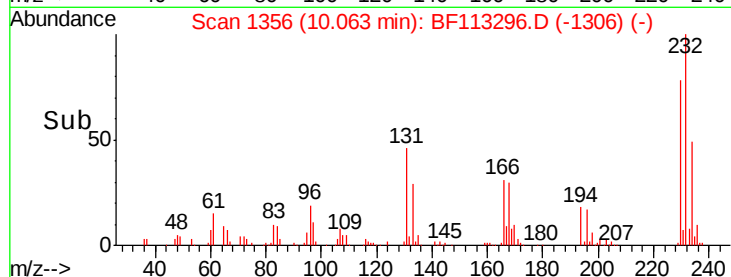
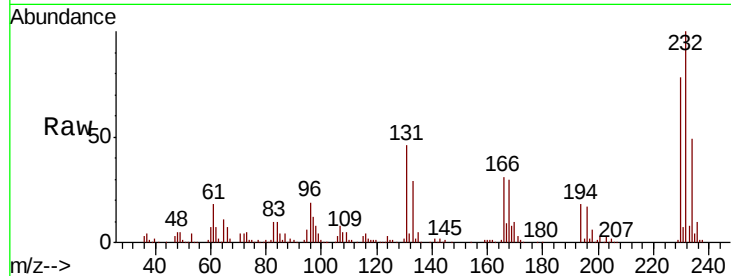




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.756 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

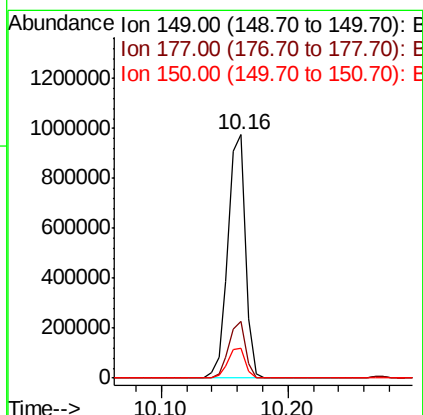
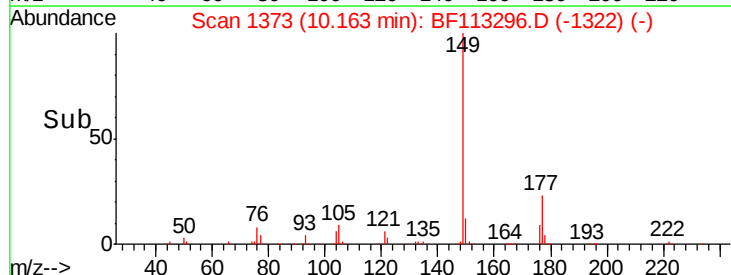
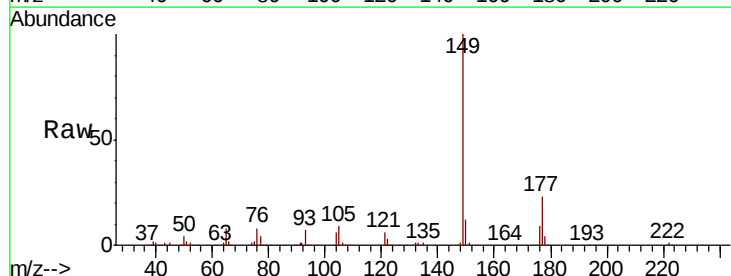
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

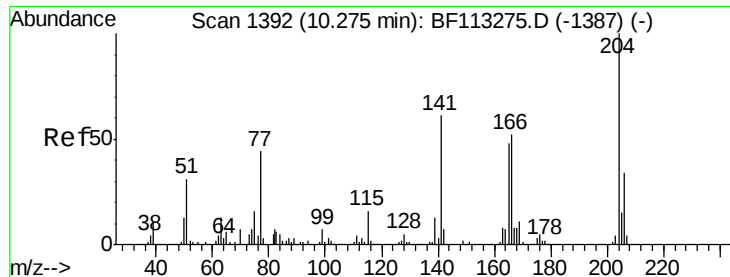
Tgt Ion:	232	Resp:	261750
Ion	Ratio	Lower	Upper
232	100		
131	41.3	33.2	49.8
130	1.9	1.6	2.4
166	27.7	21.0	31.6



#60
Diethylphthalate
Concen: 41.152 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

Tgt Ion:	149	Resp:	936242
Ion	Ratio	Lower	Upper
149	100		
177	23.0	17.4	26.0
150	12.5	10.0	15.0

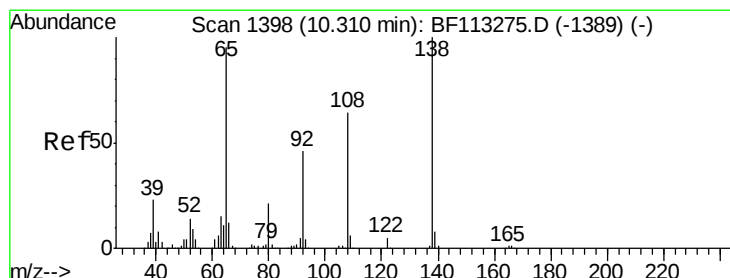
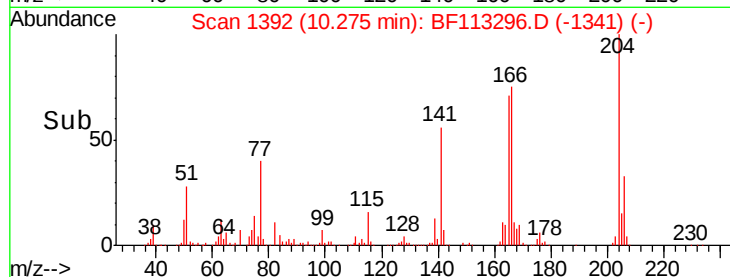
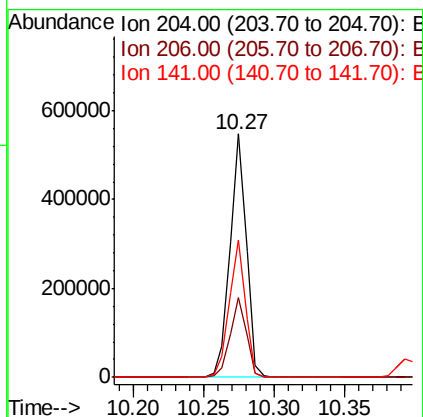
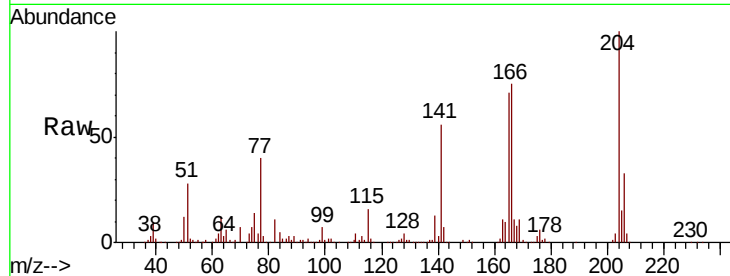




#61
4-Chlorophenyl-phenylether
Concen: 42.427 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

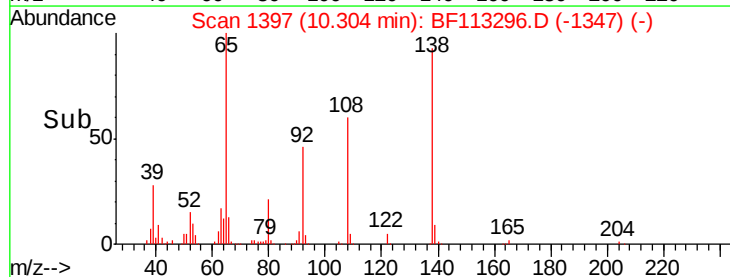
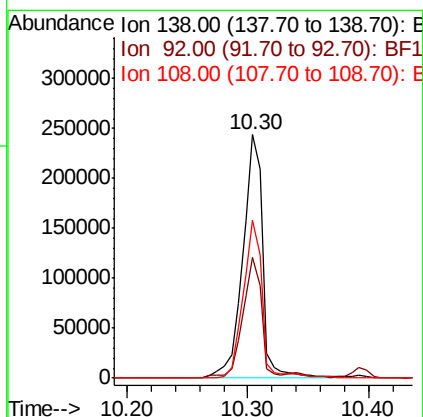
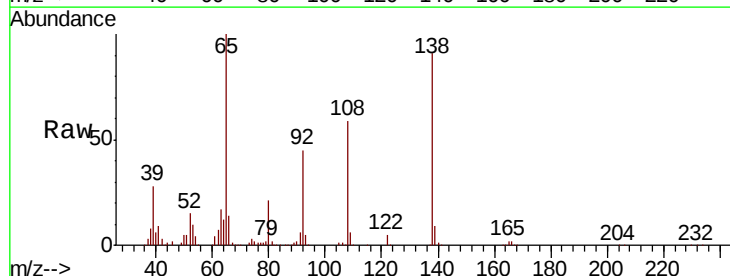
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

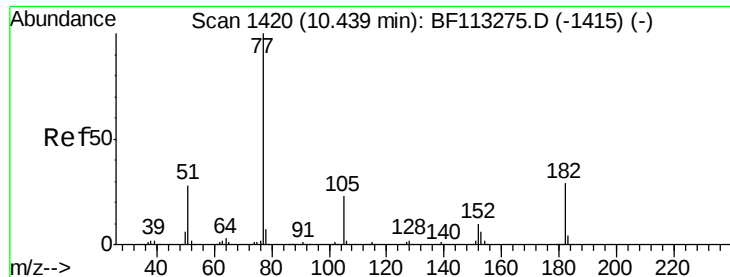
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.9	40.3
141	56.5	48.8	73.2



#62
4-Nitroaniline
Concen: 46.232 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	25.8	65.8
108	64.9	44.0	84.0





#63

Azobenzene

Concen: 43.895 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 940047

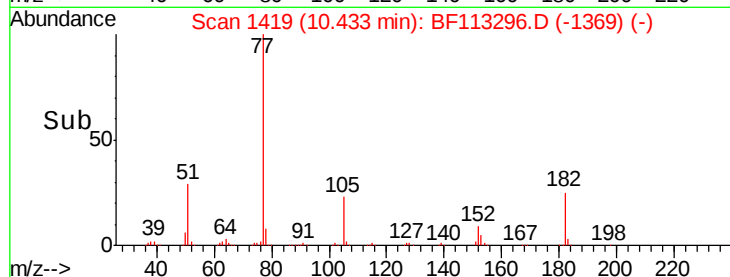
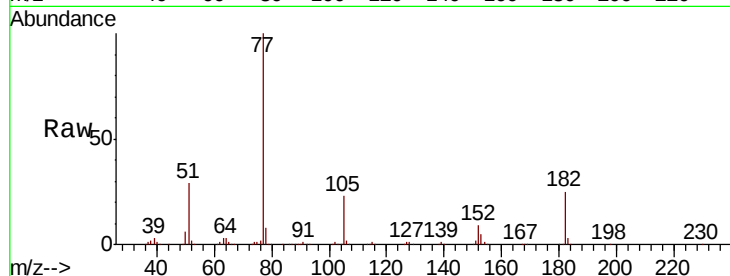
Ion	Ratio	Lower	Upper
77	100		
182	24.6	8.7	48.7
105	22.8	2.9	42.9
51	29.5	8.8	48.8

77 100

182 24.6 8.7 48.7

105 22.8 2.9 42.9

51 29.5 8.8 48.8

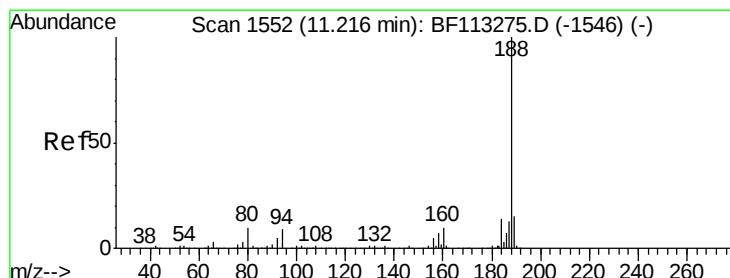
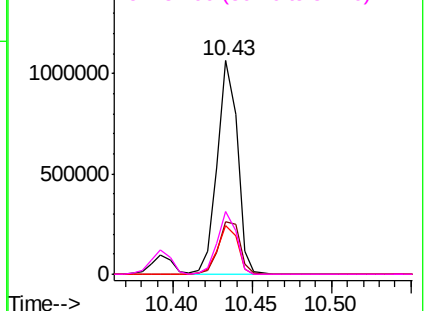


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

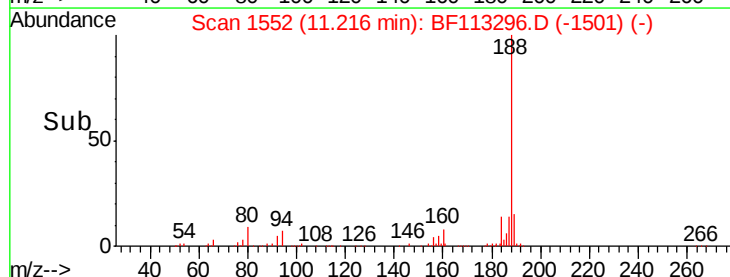
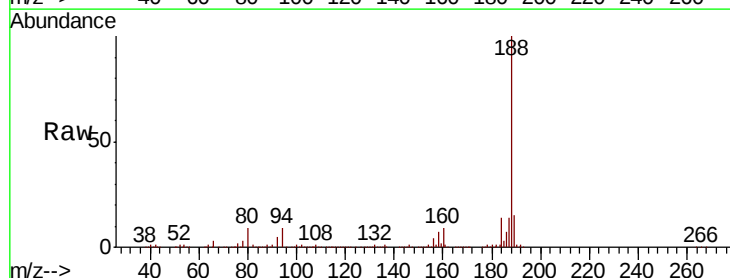
Tgt Ion: 188 Resp: 685566

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.6
80	9.1	7.7	11.5

188 100

94 9.1 7.0 10.6

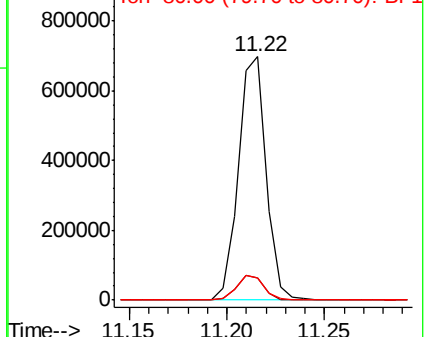
80 9.1 7.7 11.5

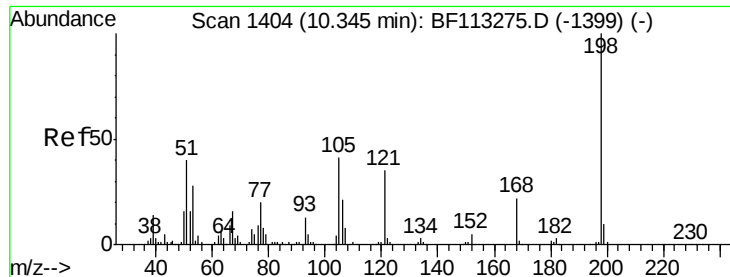


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

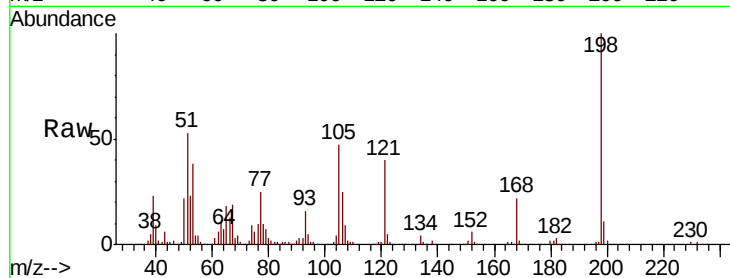




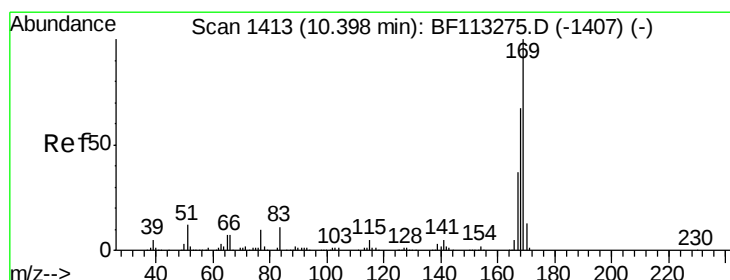
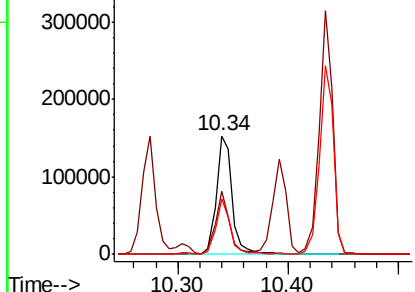
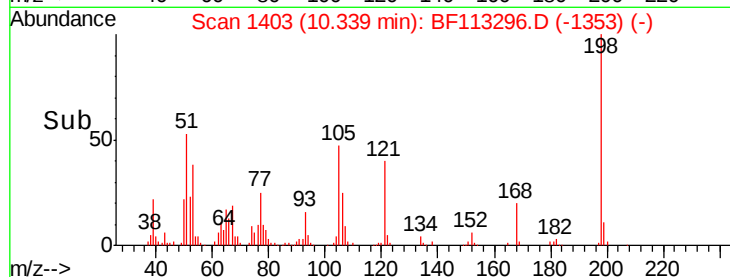
#65
4,6-Dinitro-2-methylphenol
Concen: 40.664 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 152505
Ion Ratio Lower Upper
198 100
51 52.9 21.6 61.6
105 46.6 20.6 60.6

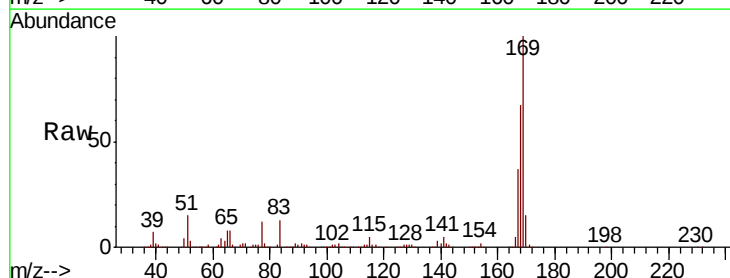


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

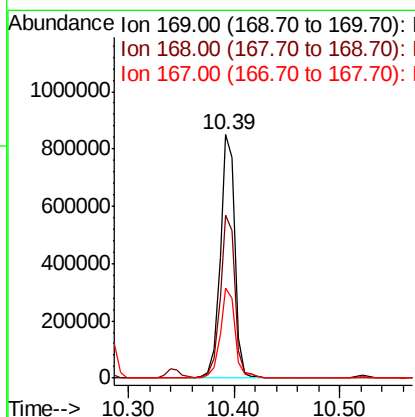
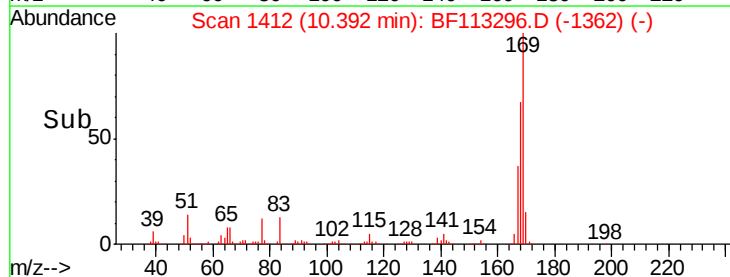


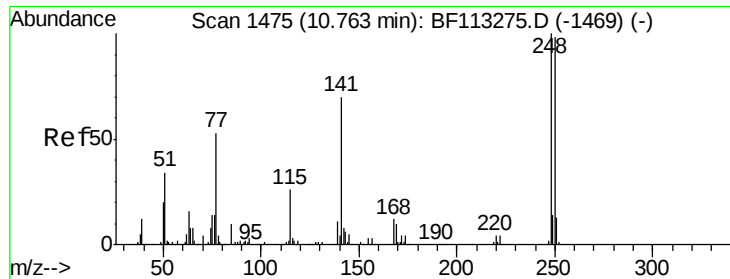
#66
n-Nitrosodiphenylamine
Concen: 39.234 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

Tgt Ion:169 Resp: 825352
Ion Ratio Lower Upper
169 100
168 66.8 53.7 80.5
167 36.8 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

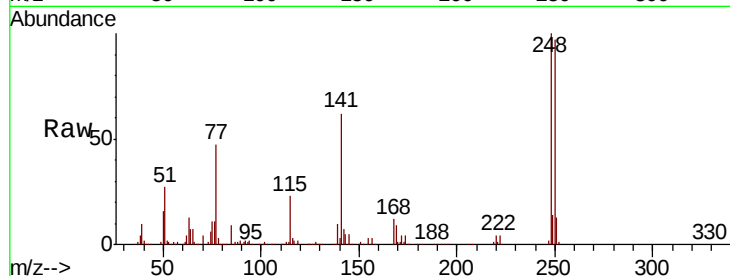




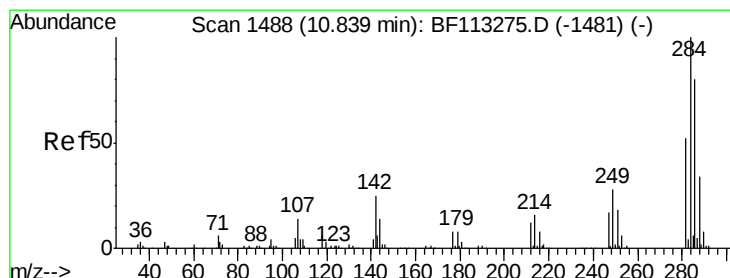
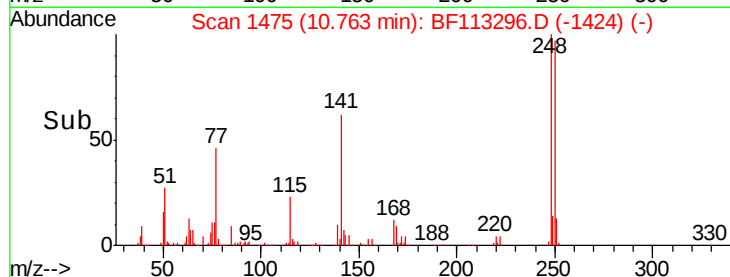
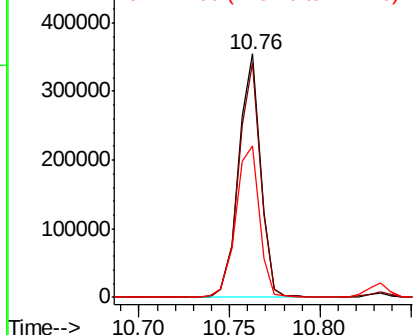
#67
4-Bromophenyl-phenylether
Concen: 40.079 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:248 Resp: 299473
Ion Ratio Lower Upper
248 100
250 96.6 78.3 117.5
141 62.3 56.2 84.4

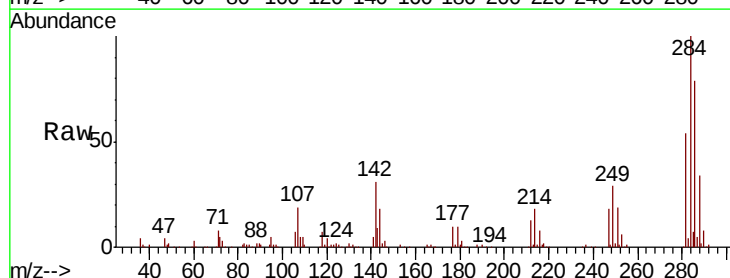


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

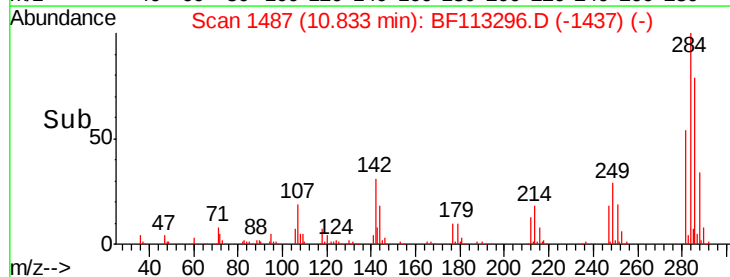
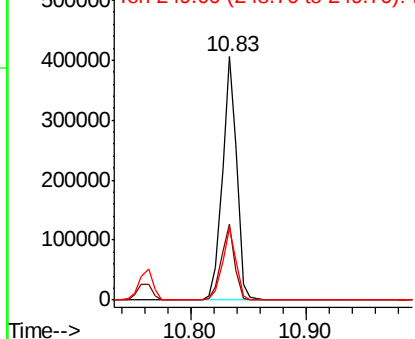


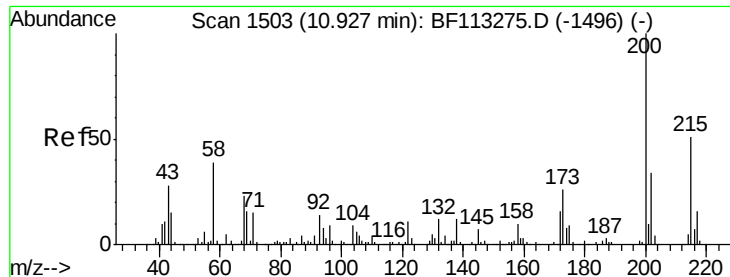
#68
Hexachlorobenzene
Concen: 40.007 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

Tgt Ion:284 Resp: 346985
Ion Ratio Lower Upper
284 100
142 31.0 20.1 30.1#
249 29.4 22.7 34.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

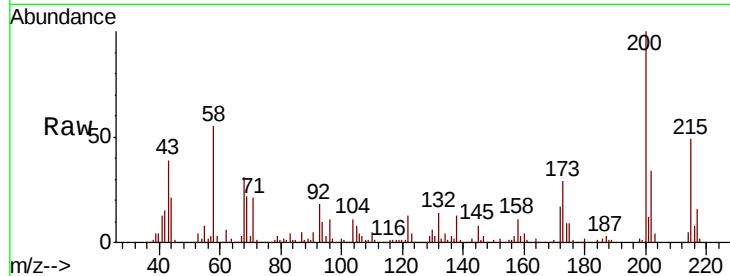




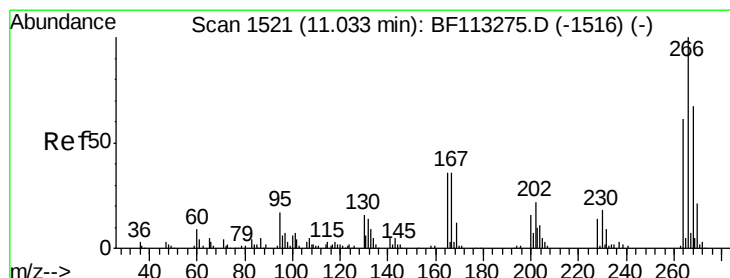
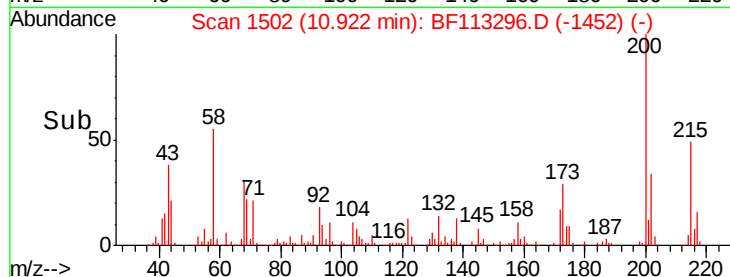
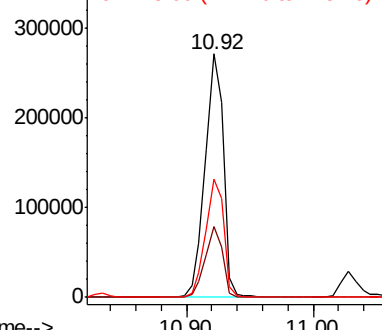
#69
 Atrazine
 Concen: 40.453 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BF113296.D
 Acq: 26 Mar 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.1	6.0	46.0
215	48.7	31.3	71.3

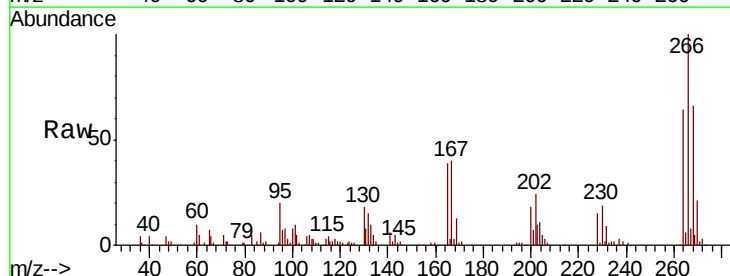


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

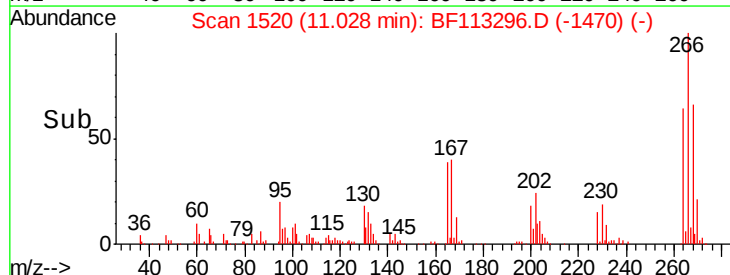
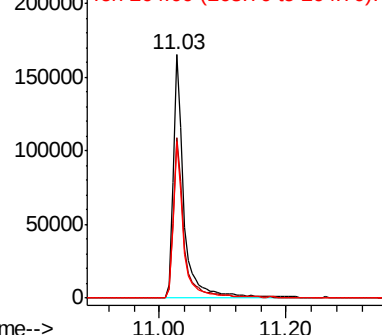


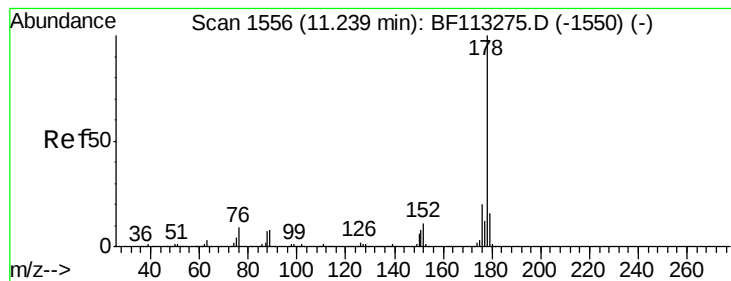
#70
 Pentachlorophenol
 Concen: 42.289 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF113296.D
 Acq: 26 Mar 2019 17:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.1	53.8	80.6
264	64.1	49.2	73.8



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.345 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

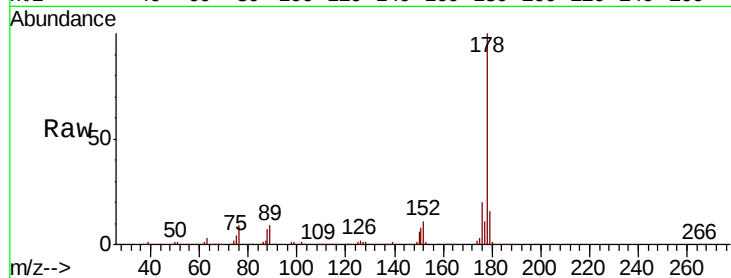
Tgt Ion:178 Resp: 1373557

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.2

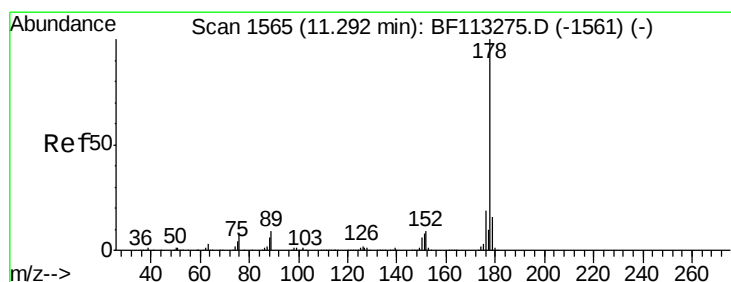
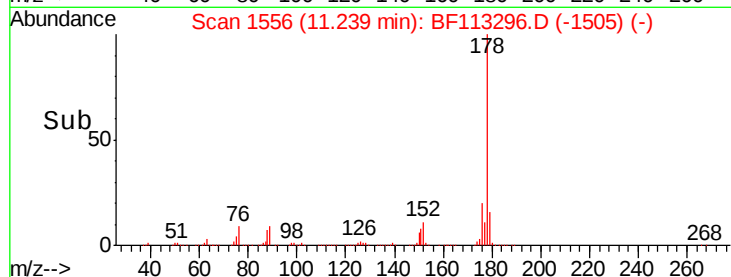
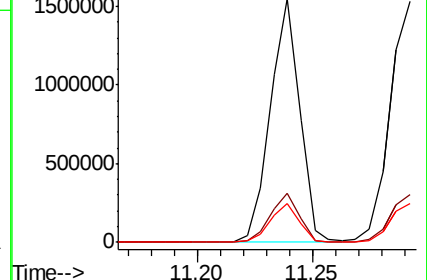
179 15.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.201 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

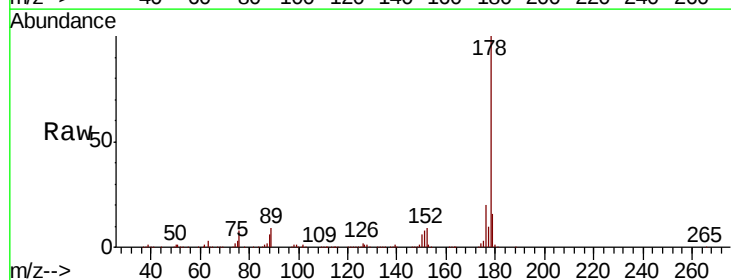
Tgt Ion:178 Resp: 1390217

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.2

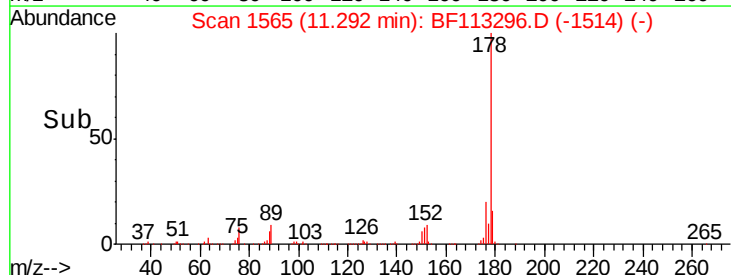
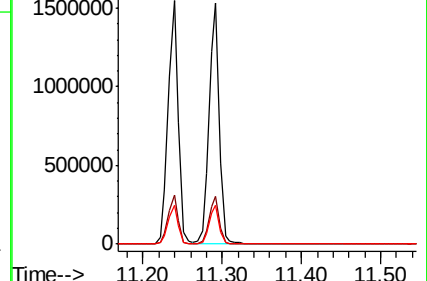
179 16.1 12.8 19.2

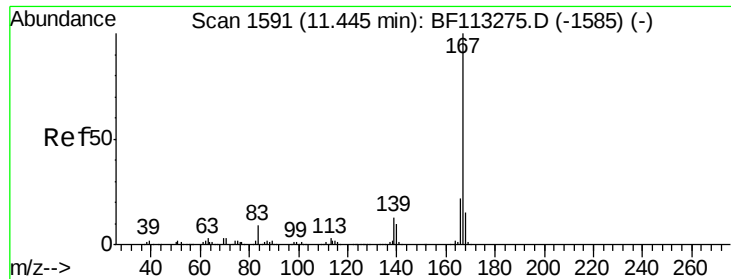


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

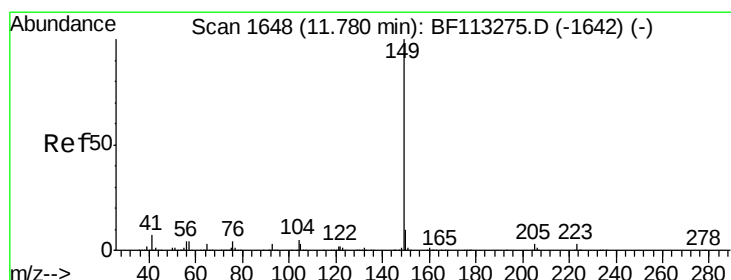
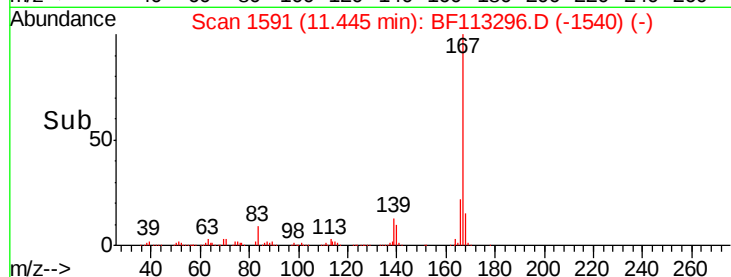
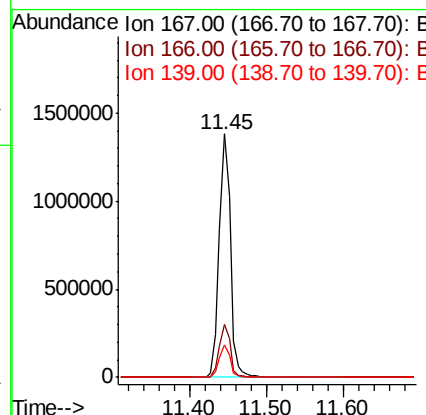
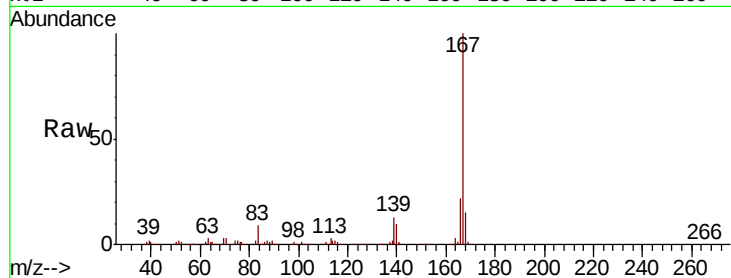




#73
 Carbazole
 Concen: 41.510 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF113296.D
 Acq: 26 Mar 2019 17:26

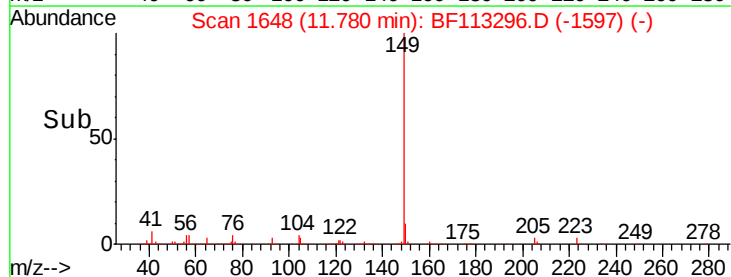
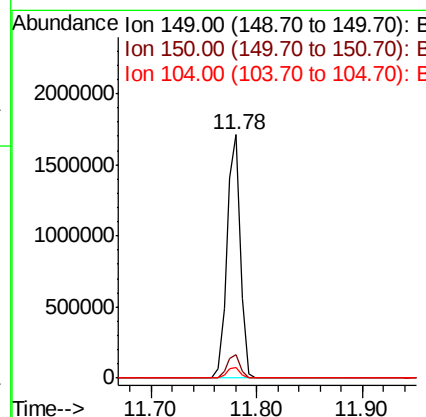
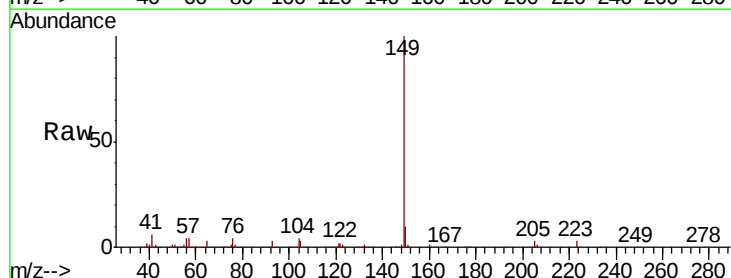
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

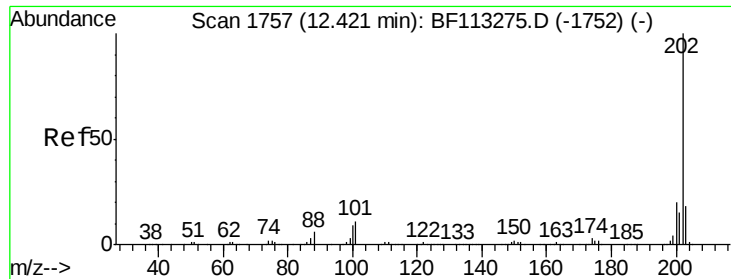
Tgt Ion:167 Resp: 1369733
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.1 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 39.611 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BF113296.D
 Acq: 26 Mar 2019 17:26

Tgt Ion:149 Resp: 1515750
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 4.4 3.7 5.5

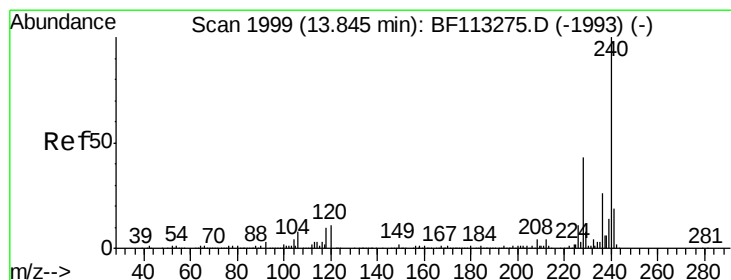
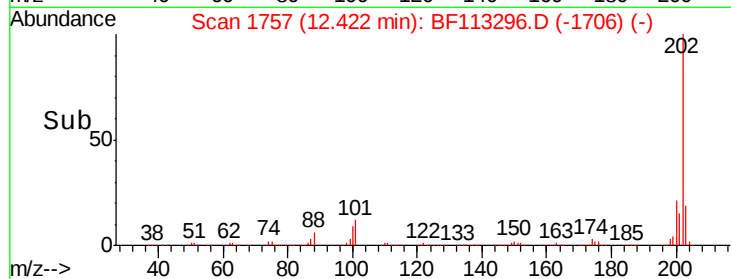
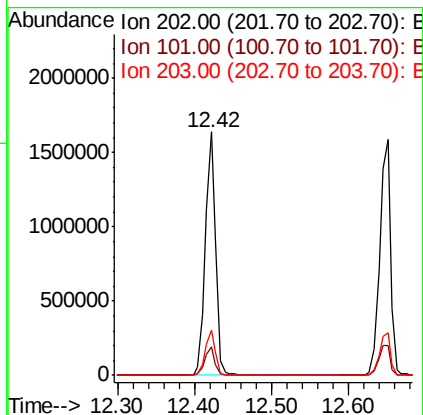
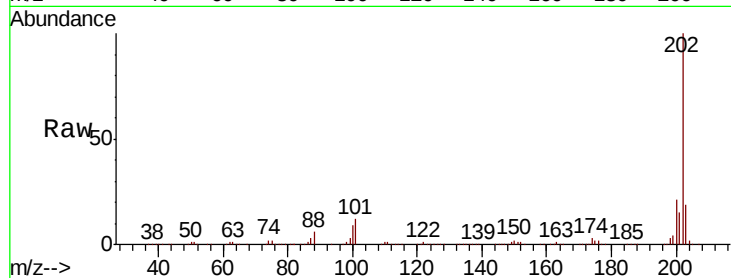




#75
 Fluoranthene
 Concen: 39.453 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BF113296.D
 Acq: 26 Mar 2019 17:26

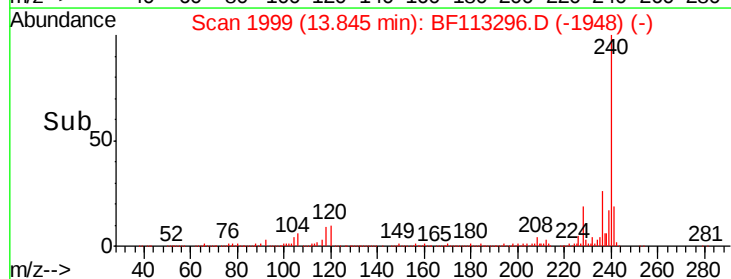
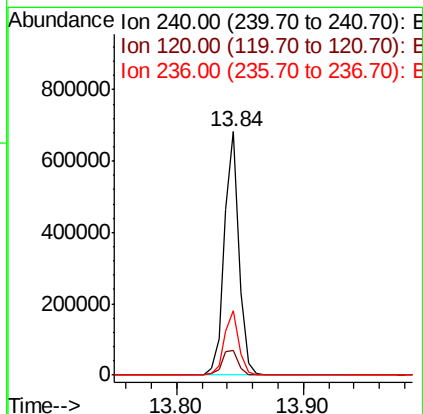
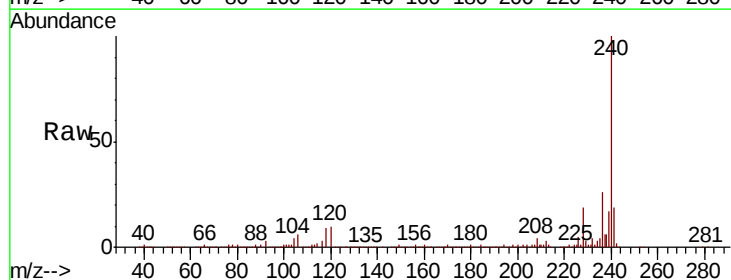
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

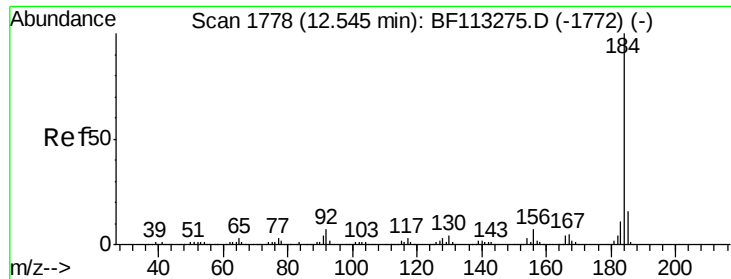
Tgt Ion: 202 Resp: 1518445
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 31.4
 203 18.6 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BF113296.D
 Acq: 26 Mar 2019 17:26

Tgt Ion: 240 Resp: 547221
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.8 13.2
 236 26.2 20.9 31.3





#77

Benzidine

Concen: 38.926 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

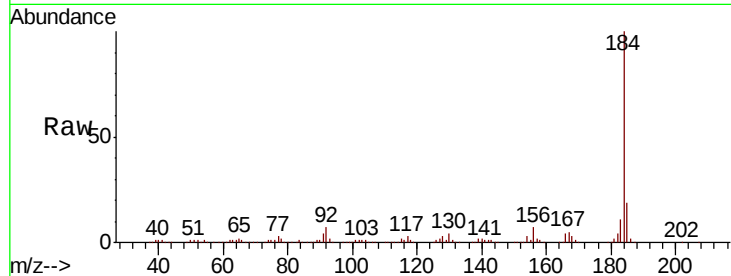
Tgt Ion:184 Resp: 815727

Ion Ratio Lower Upper

184 100

185 18.8 13.0 19.6

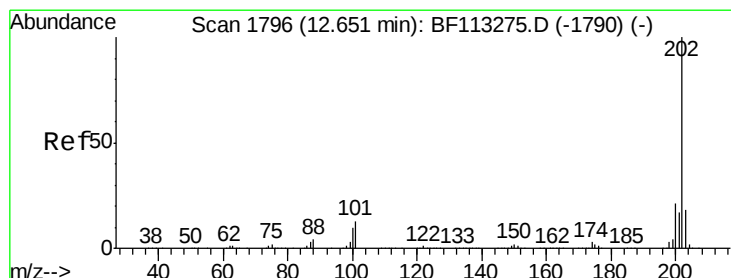
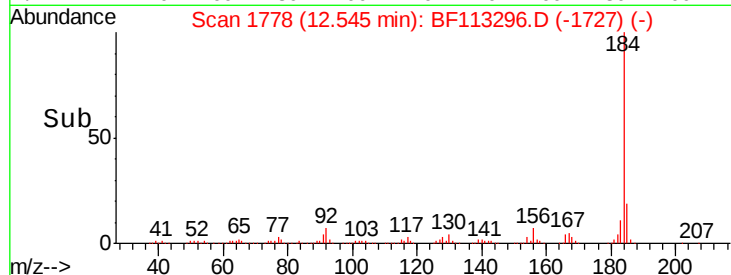
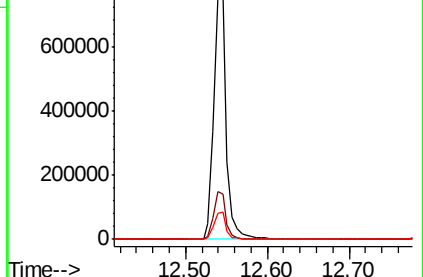
183 11.0 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.152 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

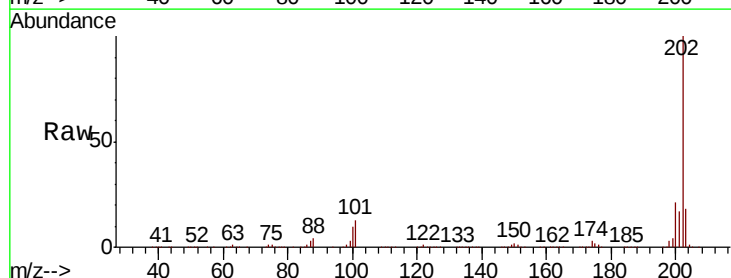
Tgt Ion:202 Resp: 1560517

Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

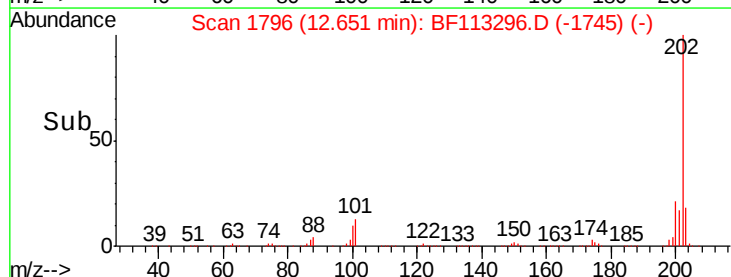
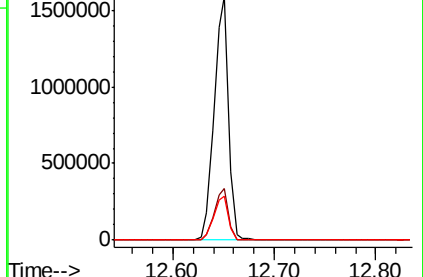
203 18.2 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.922 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

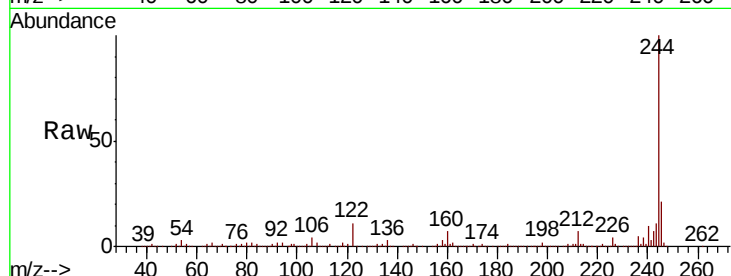
Tgt Ion:244 Resp: 1934536

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

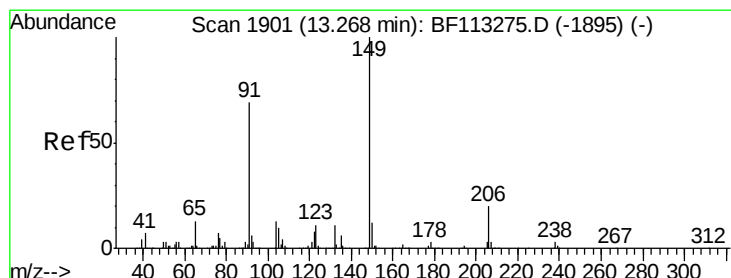
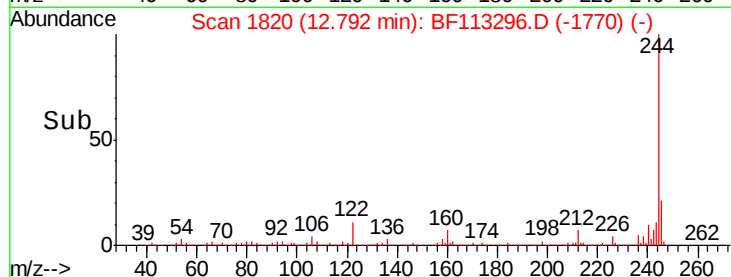
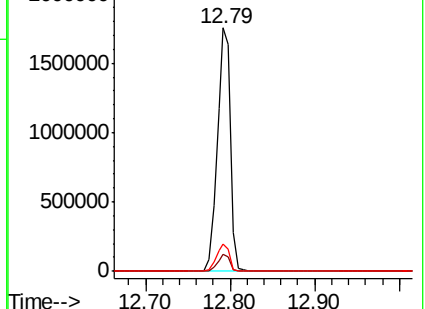
122 11.4 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.328 ng

RT: 13.27 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

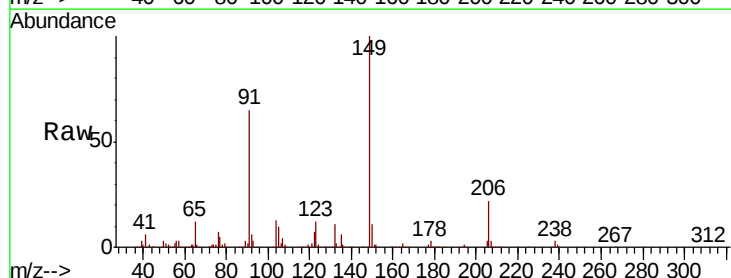
Tgt Ion:149 Resp: 657242

Ion Ratio Lower Upper

149 100

91 65.3 55.2 82.8

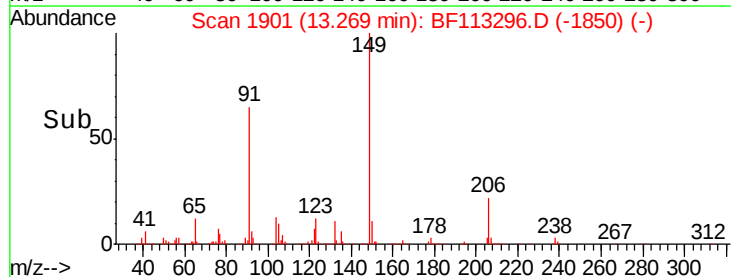
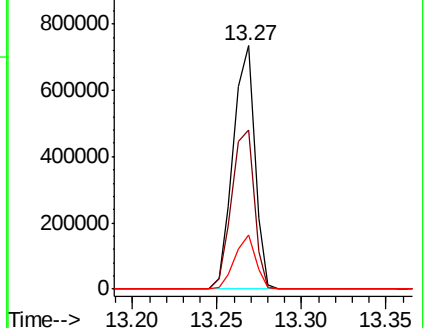
206 22.1 16.1 24.1

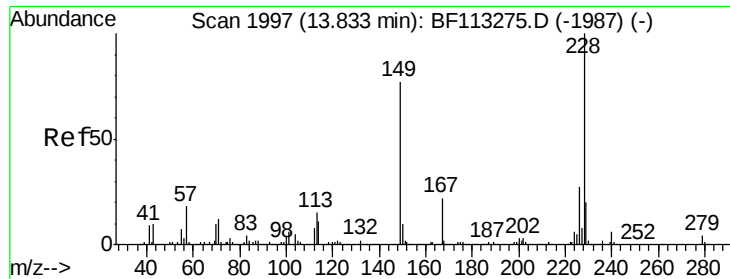


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.492 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

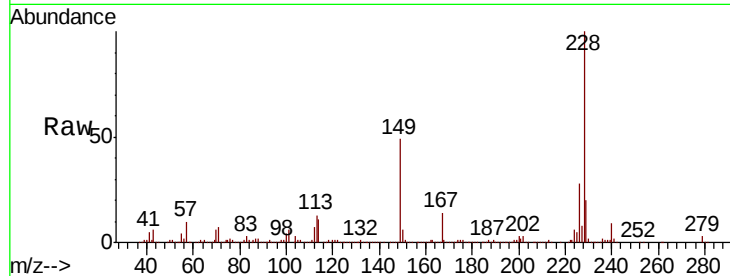
Tgt Ion:228 Resp: 1268363

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.8

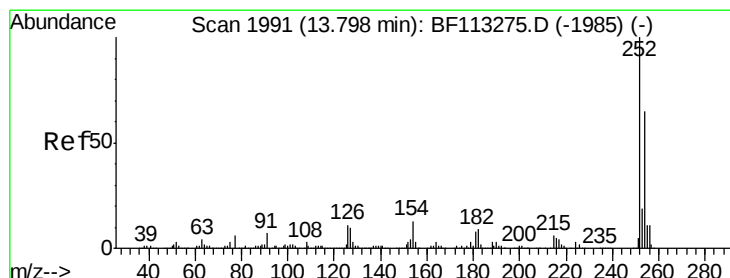
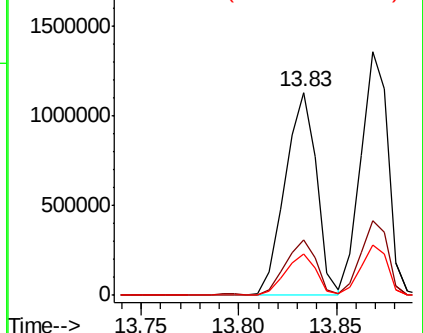
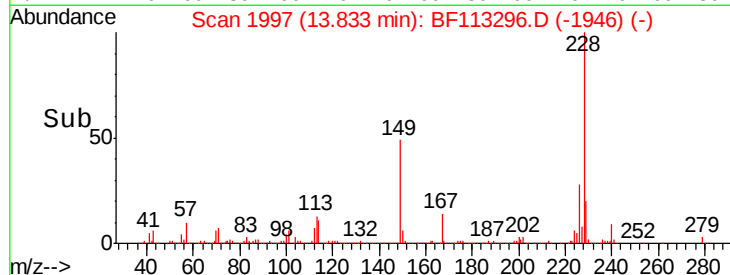
229 20.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.742 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

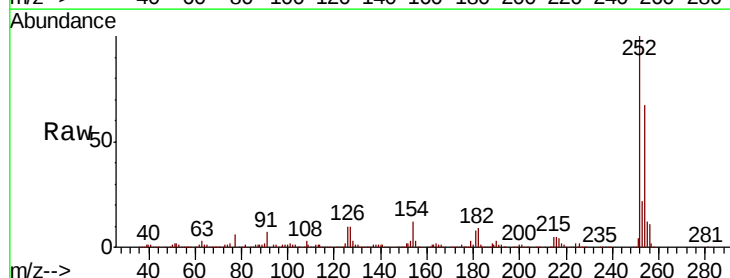
Tgt Ion:252 Resp: 537106

Ion Ratio Lower Upper

252 100

254 66.5 52.2 78.2

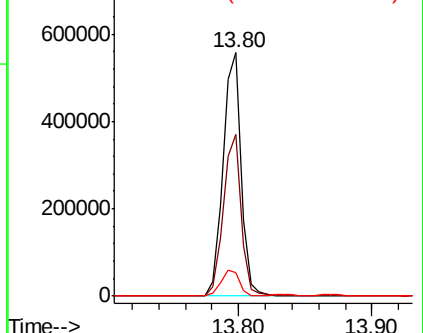
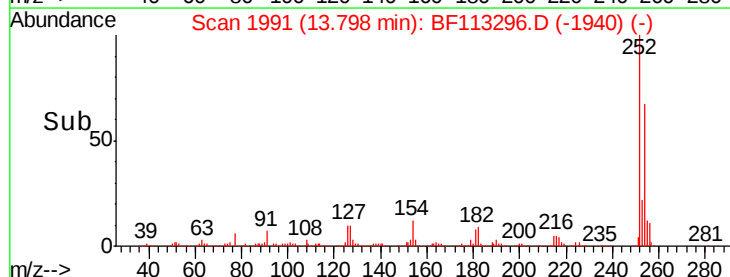
126 9.5 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.666 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

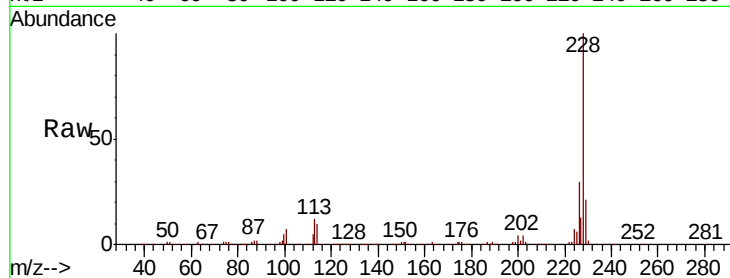
Tgt Ion:228 Resp: 1325674

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

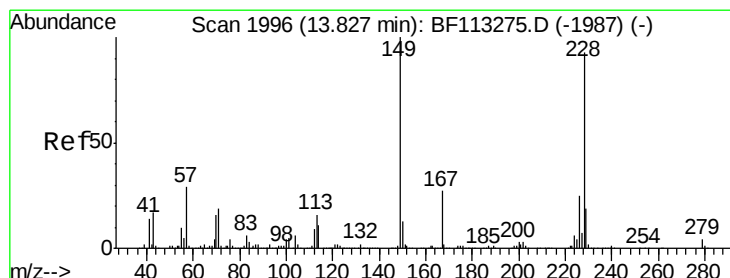
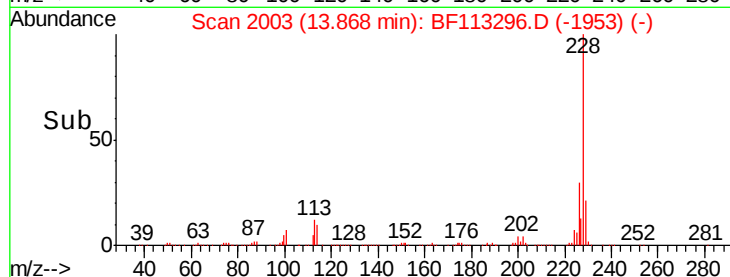
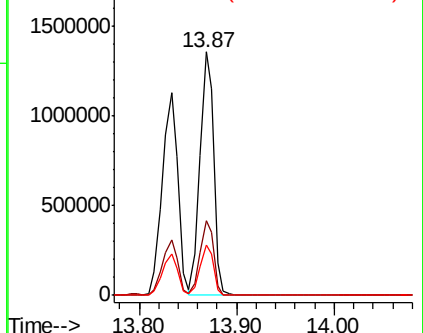
229 20.6 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.720 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

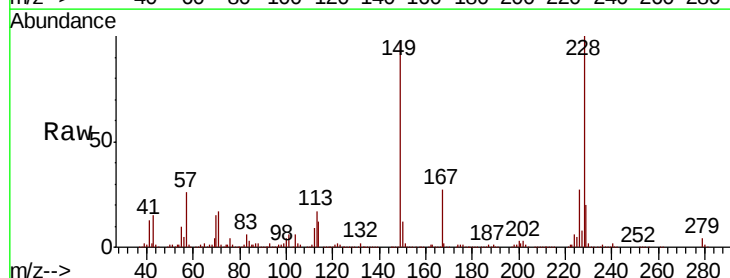
Tgt Ion:149 Resp: 772772

Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.8

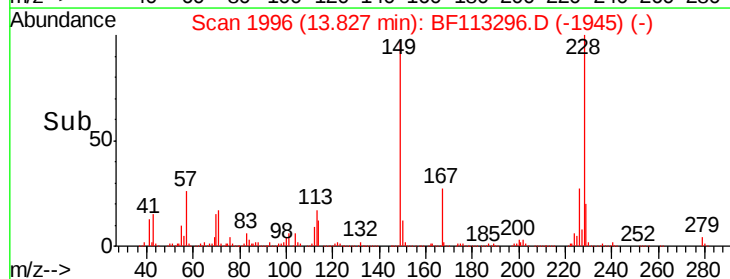
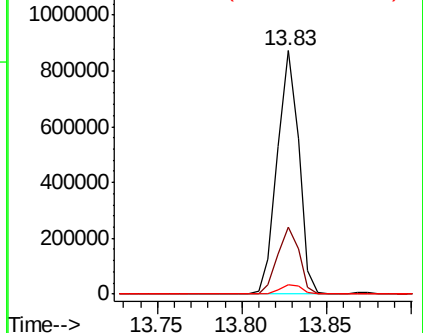
279 4.1 2.9 4.3

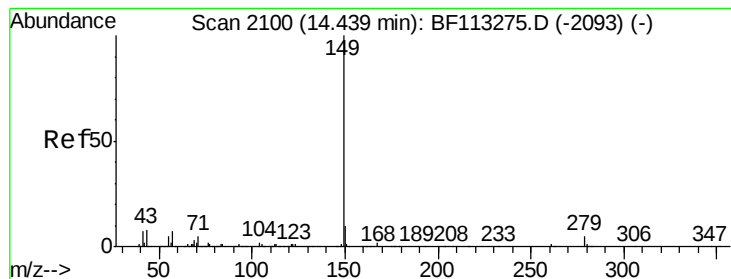


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.578 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

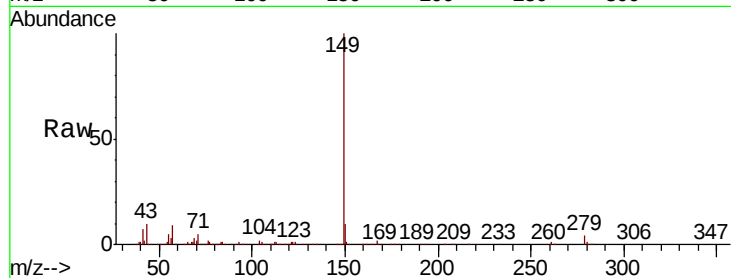
Tgt Ion:149 Resp: 1445893

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

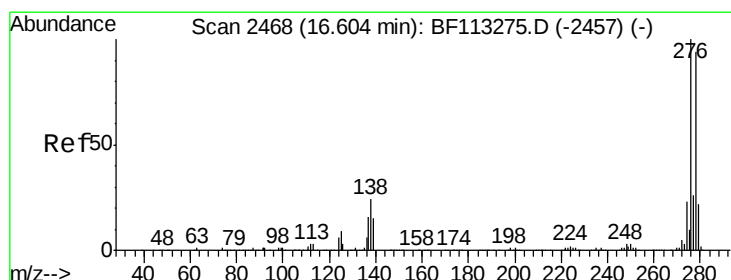
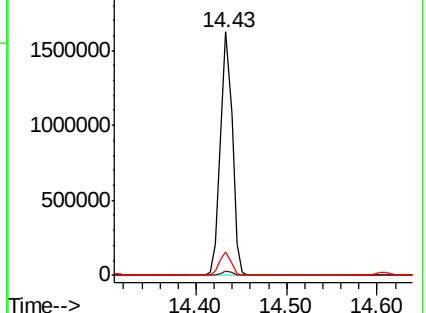
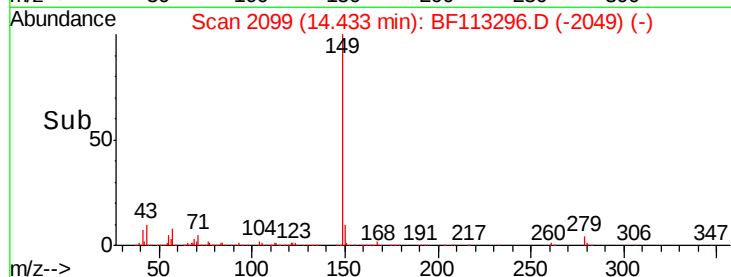
43 9.5 7.7 11.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.271 ng

RT: 16.60 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

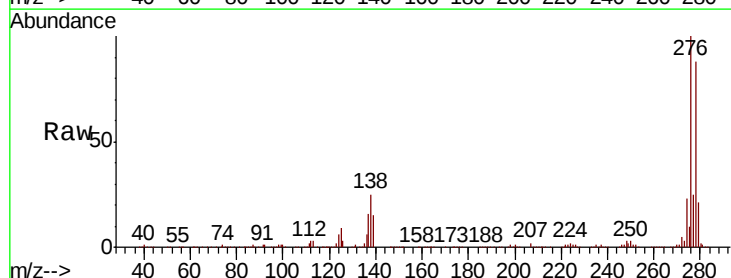
Tgt Ion:276 Resp: 1154230

Ion Ratio Lower Upper

276 100

138 24.0 18.1 27.1

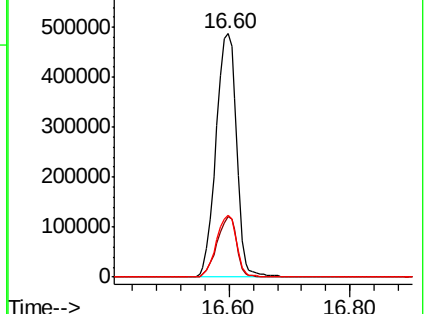
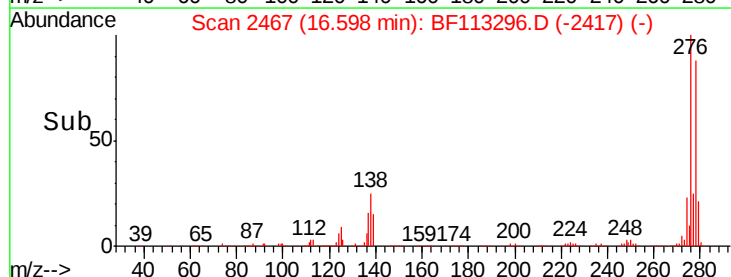
277 24.9 20.2 30.4

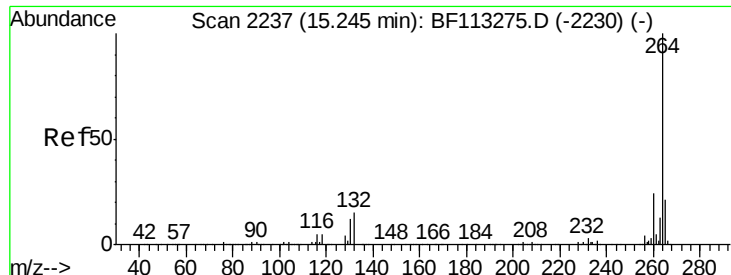


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

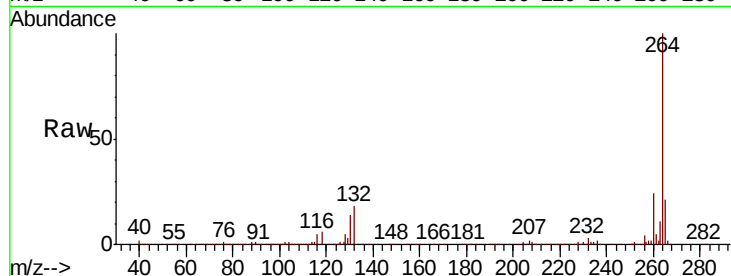




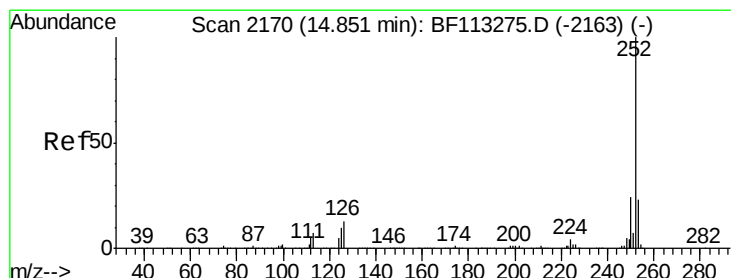
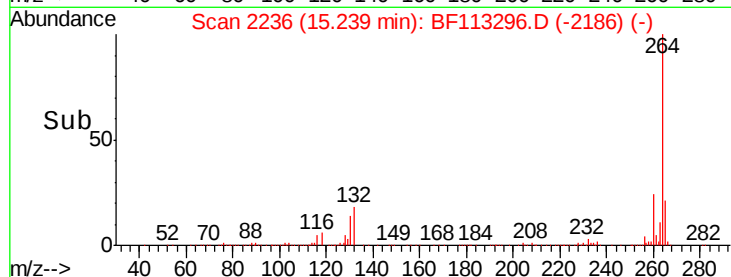
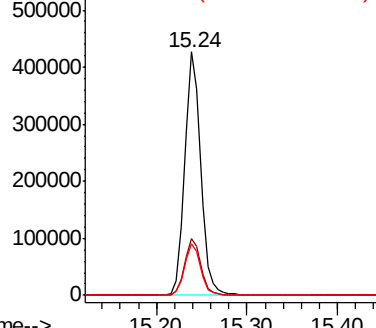
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:264 Resp: 523097
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.5 17.1 25.7

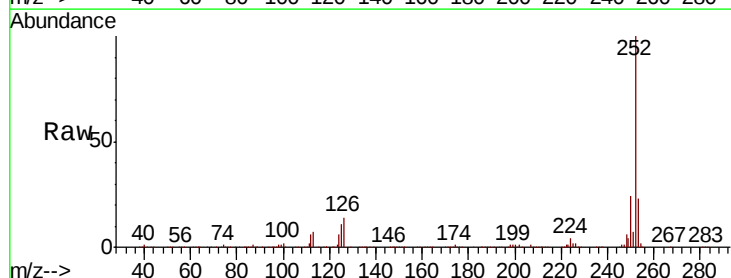


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

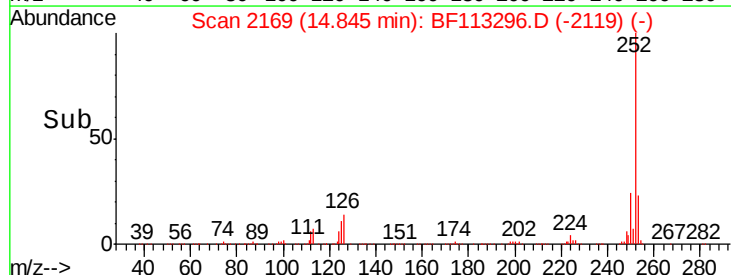
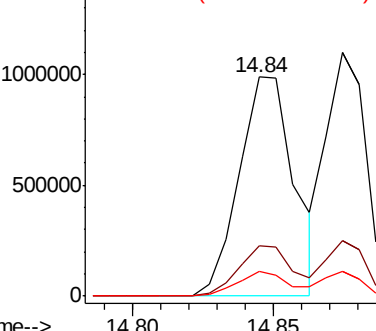


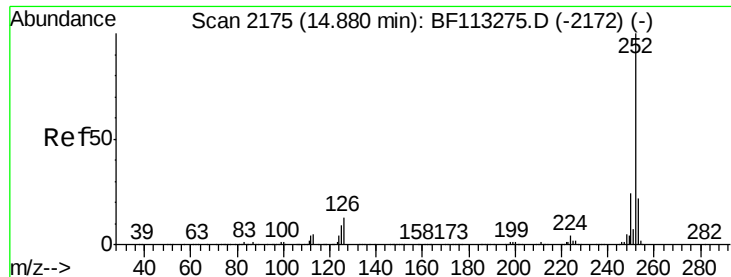
#88
Benzo(b)fluoranthene
Concen: 41.213 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

Tgt Ion:252 Resp: 1339215
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 11.2 7.6 11.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

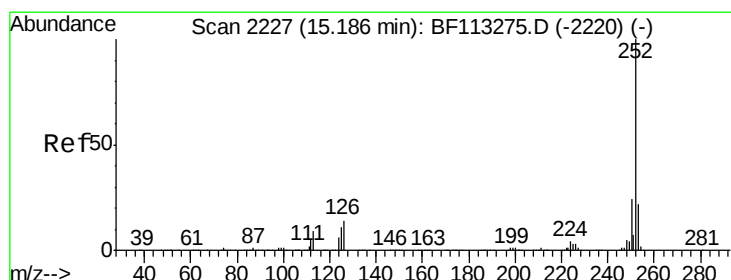
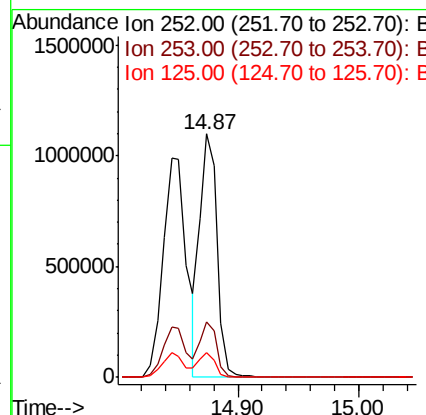
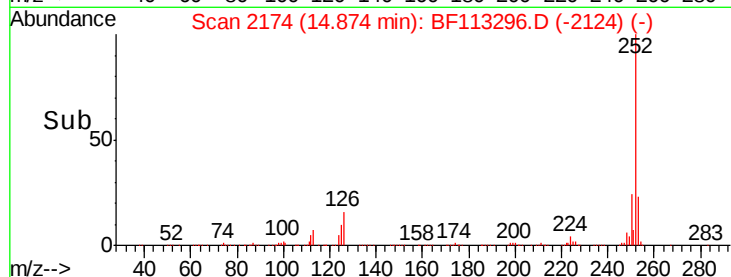
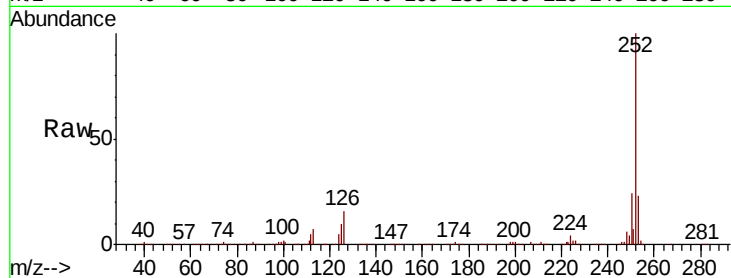




#89
Benzo(k)fluoranthene
Concen: 38.275 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

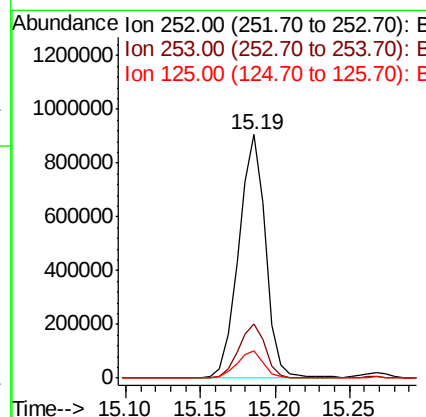
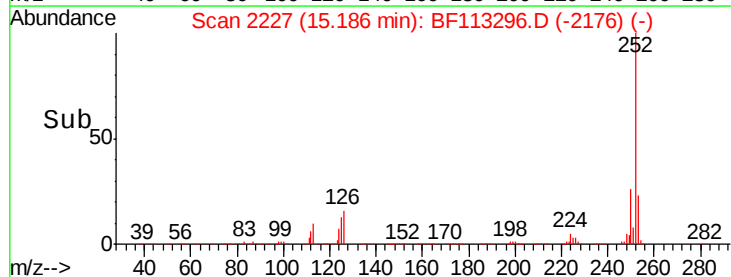
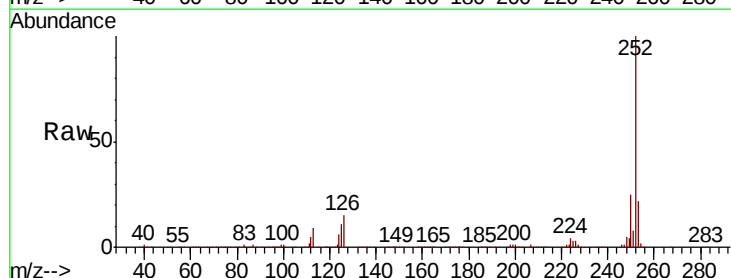
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

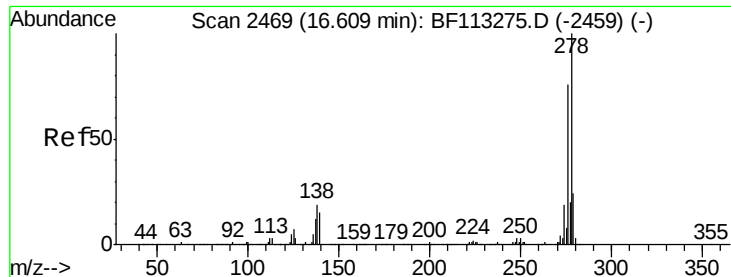
Tgt Ion:252 Resp: 1092236
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 10.4 7.3 10.9



#90
Benzo(a)pyrene
Concen: 39.388 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF113296.D
Acq: 26 Mar 2019 17:26

Tgt Ion:252 Resp: 1134692
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 11.3 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 38.036 ng

RT: 16.60 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

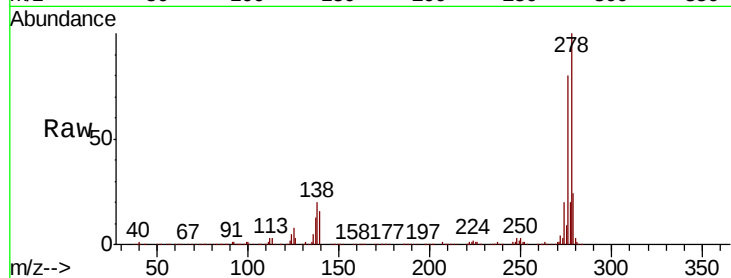
Tgt Ion:278 Resp: 947442

Ion Ratio Lower Upper

278 100

139 15.6 12.0 18.0

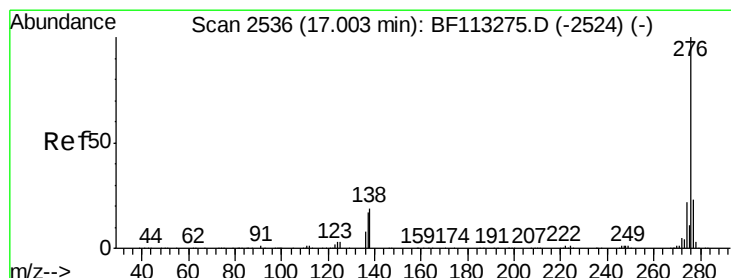
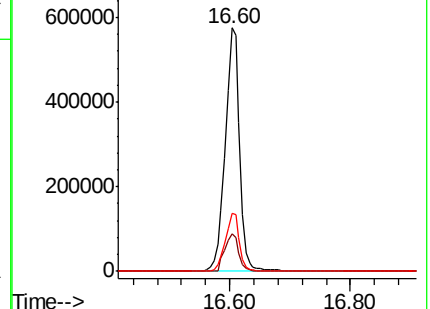
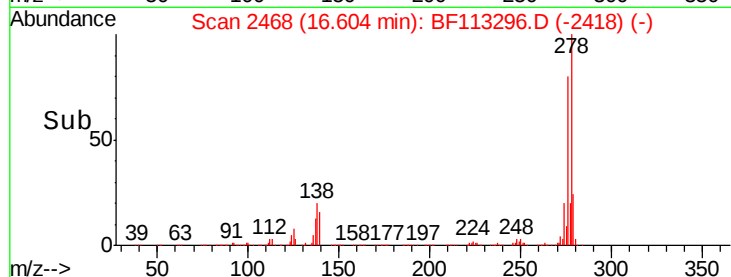
279 23.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.740 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF113296.D

Acq: 26 Mar 2019 17:26

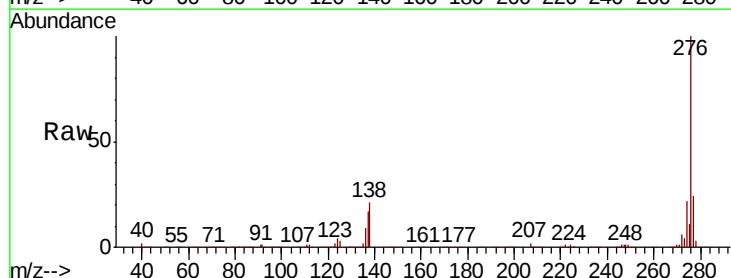
Tgt Ion:276 Resp: 947845

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 21.4 15.6 23.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

