

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116789.D
 Acq On : 3 Sep 2019 23:40
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 04 01:35:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	112794	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	465949	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	238893	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	404676	20.00	ng	0.00
76) Chrysene-d12	14.00	240	245345	20.00	ng	0.00
87) Perylene-d12	15.45	264	277826	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	602754	86.57	ng	0.00
7) Phenol-d6	6.48	99	766191	83.81	ng	0.00
23) Nitrobenzene-d5	7.41	82	706112	86.51	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	166183	104.06	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1203676	85.00	ng	0.00
79) Terphenyl-d14	12.94	244	1132712	85.41	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.55	88	131503	40.916	ng	98
3) Pyridine	3.30	79	381876	41.037	ng	94
4) n-Nitrosodimethylamine	3.24	42	116616	36.494	ng	# 76
6) Aniline	6.51	93	508913	40.191	ng	97
8) 2-Chlorophenol	6.63	128	324513	42.697	ng	97
9) Benzaldehyde	6.39	77	228554	37.946	ng	97
10) Phenol	6.49	94	426410	42.121	ng	92
11) bis(2-Chloroethyl)ether	6.58	93	321026	40.726	ng	100
12) 1,3-Dichlorobenzene	6.79	146	359000	41.793	ng	95
13) 1,4-Dichlorobenzene	6.87	146	367545	42.978	ng	98
14) 1,2-Dichlorobenzene	7.02	146	344827	43.509	ng	97
15) Benzyl Alcohol	6.99	79	292156	39.368	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	368693	39.866	ng	99
17) 2-Methylphenol	7.10	107	272222	40.915	ng	96
18) Hexachloroethane	7.36	117	117496	35.362	ng	90
19) n-Nitroso-di-n-propylamine	7.26	70	233105	38.724	ng	93
20) 3+4-Methylphenols	7.25	107	327373	42.318	ng	# 83
22) Acetophenone	7.26	105	460264	41.030	ng	# 90
24) Nitrobenzene	7.43	77	351868	42.388	ng	93
25) Isophorone	7.67	82	641121	38.764	ng	97
26) 2-Nitrophenol	7.75	139	155699	50.450	ng	# 89
27) 2,4-Dimethylphenol	7.78	122	256047	41.080	ng	96
28) bis(2-Chloroethoxy)methane	7.87	93	406153	40.185	ng	99
29) 2,4-Dichlorophenol	7.99	162	261949	43.731	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	274417	42.238	ng	99
31) Naphthalene	8.15	128	937815	42.327	ng	99
32) Benzoic acid	7.89	122	156478	44.462	ng	96
33) 4-Chloroaniline	8.20	127	418789	41.524	ng	95
34) Hexachlorobutadiene	8.27	225	147820	41.728	ng	98
35) Caprolactam	8.56	113	94008	41.936	ng	89
36) 4-Chloro-3-methylphenol	8.67	107	293808	42.677	ng	99
37) 2-Methylnaphthalene	8.85	142	627861	42.591	ng	95
38) 1-Methylnaphthalene	8.95	142	598321	42.995	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	254010	44.355	ng	99

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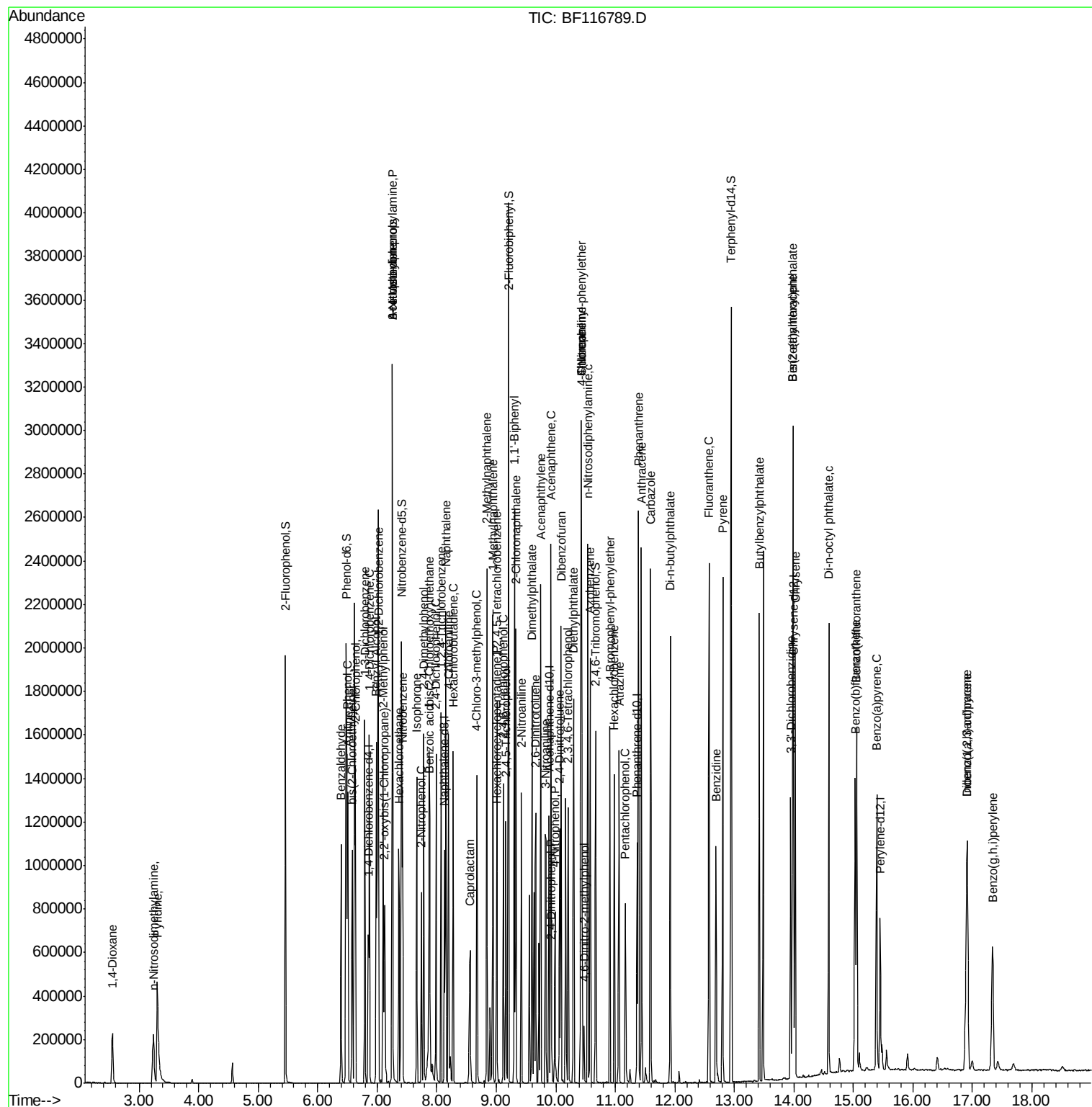
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	45254	13.684	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	182124	46.394	ng	96
44) 2,4,5-Trichlorophenol	9.16	196	190121	46.650	ng	96
46) 1,1'-Biphenyl	9.30	154	767119	42.318	ng	97
47) 2-Chloronaphthalene	9.33	162	609851	42.476	ng	97
48) 2-Nitroaniline	9.42	65	199070	47.959	ng	99
49) Acenaphthylene	9.75	152	932259	42.954	ng	99
50) Dimethylphthalate	9.60	163	693409	42.042	ng	98
51) 2,6-Dinitrotoluene	9.66	165	152607	48.496	ng	85
52) Acenaphthene	9.92	154	549150	41.180	ng	98
53) 3-Nitroaniline	9.83	138	197596	50.106	ng	99
54) 2,4-Dinitrophenol	9.93	184	17239	22.735	ng	95
55) Dibenzofuran	10.09	168	818768	43.554	ng	99
56) 4-Nitrophenol	9.99	139	134665	49.802	ng	81
57) 2,4-Dinitrotoluene	10.06	165	205918	53.517	ng	97
58) Fluorene	10.43	166	629295	43.933	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	143605	48.823	ng	98
60) Diethylphthalate	10.30	149	685892	41.516	ng	98
61) 4-Chlorophenyl-phenylether	10.42	204	280536	44.725	ng	98
62) 4-Nitroaniline	10.44	138	202283	52.856	ng	89
63) Azobenzene	10.58	77	708496	41.127	ng	93
65) 4,6-Dinitro-2-methylphenol	10.47	198	29701	24.286	ng	91
66) n-Nitrosodiphenylamine	10.54	169	571873	40.851	ng	97
67) 4-Bromophenyl-phenylether	10.91	248	167308	40.698	ng	95
68) Hexachlorobenzene	10.99	284	180876	42.053	ng	91
69) Atrazine	11.06	200	158543	40.437	ng	98
70) Pentachlorophenol	11.17	266	92125	44.277	ng	98
71) Phenanthrene	11.39	178	921470	40.905	ng	100
72) Anthracene	11.44	178	942932	41.582	ng	99
73) Carbazole	11.59	167	895086	41.438	ng	100
74) Di-n-butylphthalate	11.93	149	1138521	41.114	ng	99
75) Fluoranthene	12.57	202	889051	40.159	ng	97
77) Benzidine	12.69	184	421567	43.808	ng	98
78) Pyrene	12.80	202	888329	40.731	ng	99
80) Butylbenzylphthalate	13.42	149	459876	43.360	ng	99
81) Benzo(a)anthracene	13.99	228	657348	42.334	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	236751	45.117	ng	98
83) Chrysene	14.02	228	666897	41.688	ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	616179	47.065	ng	99
85) Di-n-octyl phthalate	14.59	149	978913	45.690	ng	96
86) Indeno(1,2,3-cd)pyrene	16.90	276	587261	45.703	ng	# 92
88) Benzo(b)fluoranthene	15.03	252	695167	41.387	ng	# 96
89) Benzo(k)fluoranthene	15.06	252	578353	37.764	ng	# 97
90) Benzo(a)pyrene	15.39	252	607118	41.545	ng	98
91) Dibenzo(a,h)anthracene	16.92	278	497026	38.856	ng	# 93
92) Benzo(g,h,i)perylene	17.34	276	444674	34.086	ng	# 95

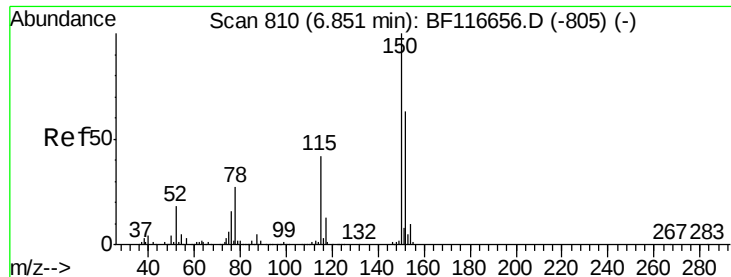
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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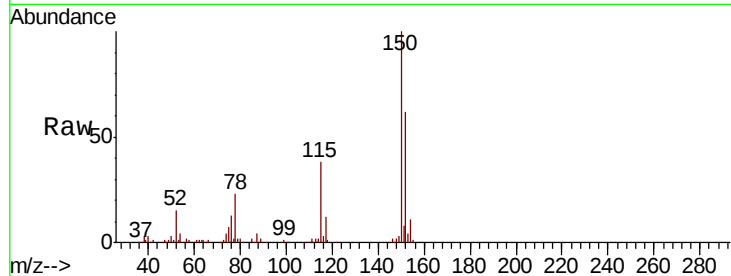


#1

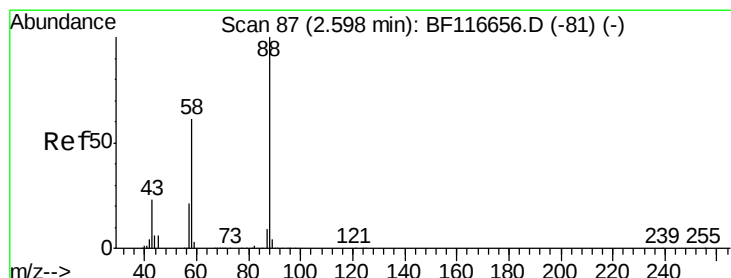
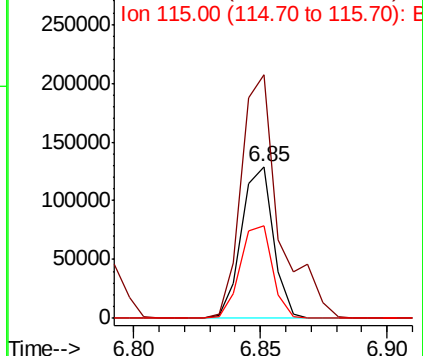
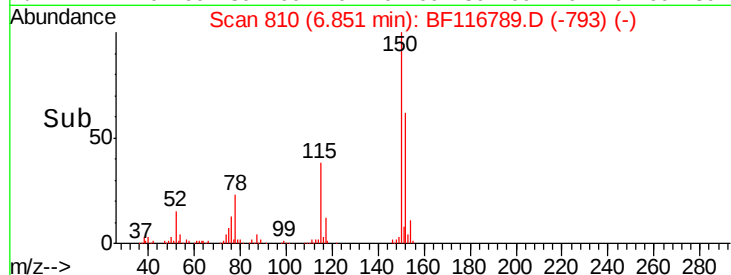
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 112794
Ion Ratio Lower Upper
152 100
150 160.2 124.4 186.6
115 60.6 49.9 74.9



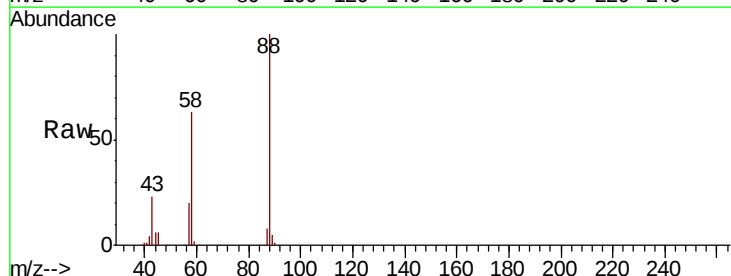
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



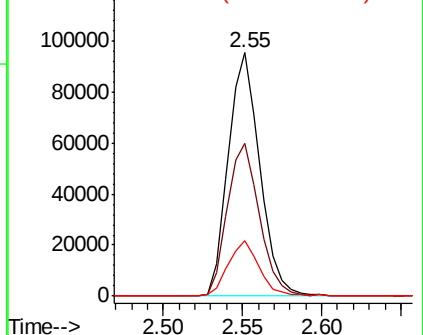
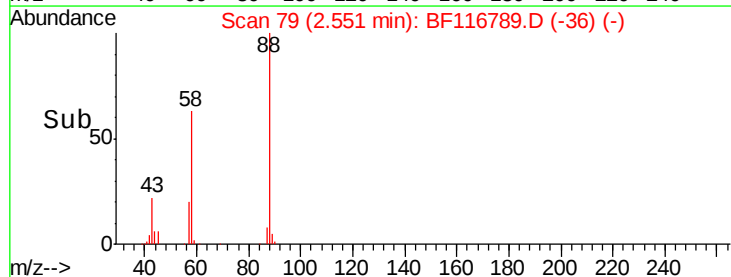
#2

1,4-Dioxane
Concen: 40.916 ng
RT: 2.55 min Scan# 79
Delta R.T. -0.05 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Tgt Ion: 88 Resp: 131503
Ion Ratio Lower Upper
88 100
58 63.6 51.7 77.5
43 22.5 19.8 29.8



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

Pvridine

Concen: 41.037 ng

RT: 3.30 min Scan# 207

Delta R.T. -0.04 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

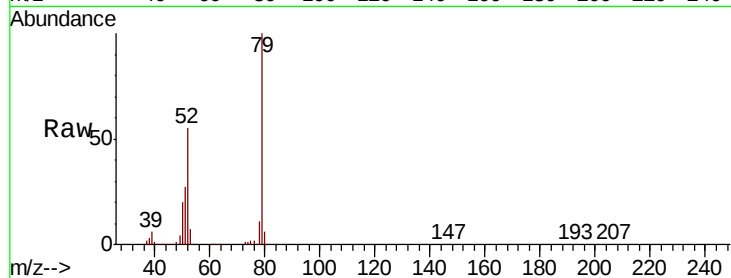
Tot Ion: 79 Resp: 381876

Ion Ratio Lower Upper

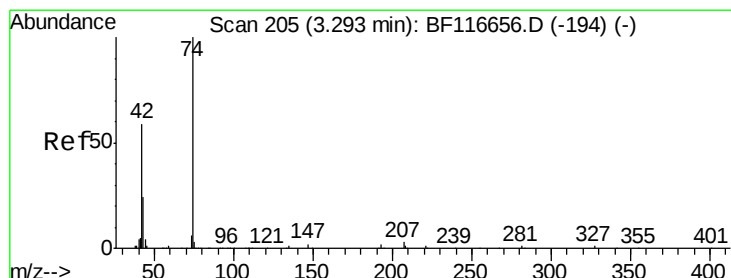
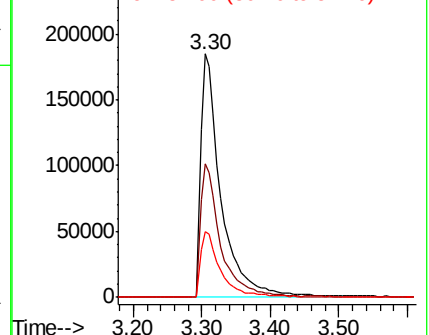
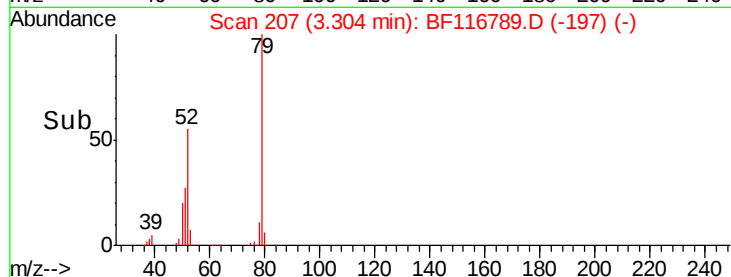
79 100

52 54.7 47.4 71.0

51 26.8 24.1 36.1



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: 36.494 ng

RT: 3.24 min Scan# 196

Delta R.T. -0.05 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

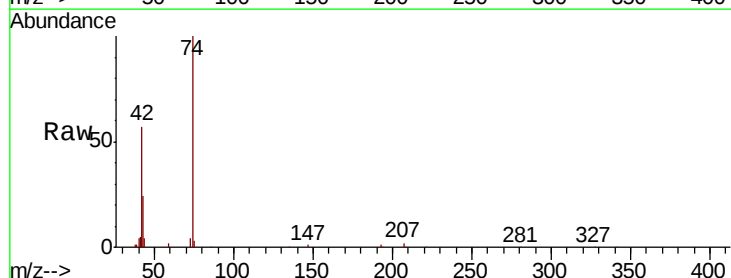
Tgt Ion: 42 Resp: 116616

Ion Ratio Lower Upper

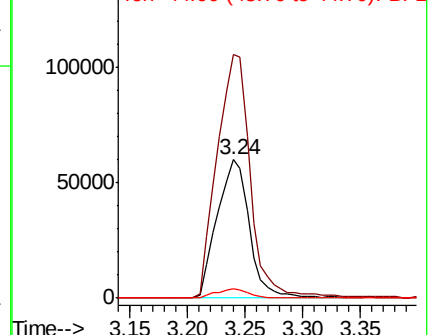
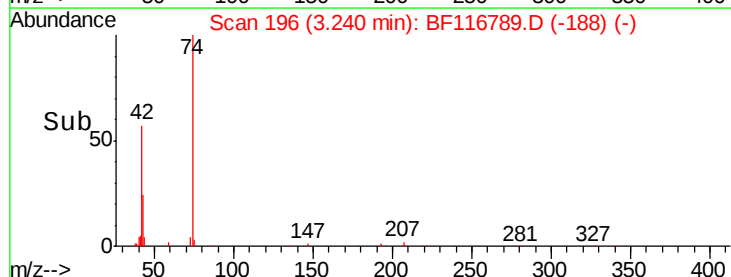
42 100

74 175.6 115.6 173.4#

44 6.7 4.6 7.0



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: 86.573 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

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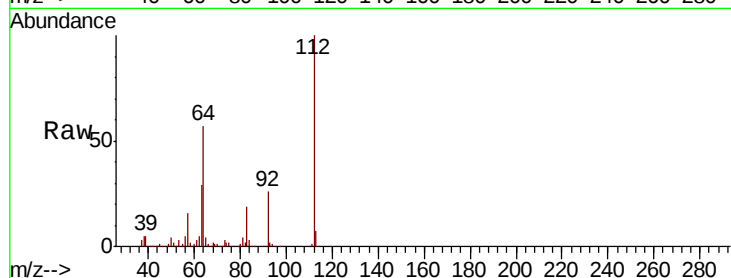
Tot Ion:112 Resp: 602754

Ion Ratio Lower Upper

112 100

64 57.1 47.1 70.7

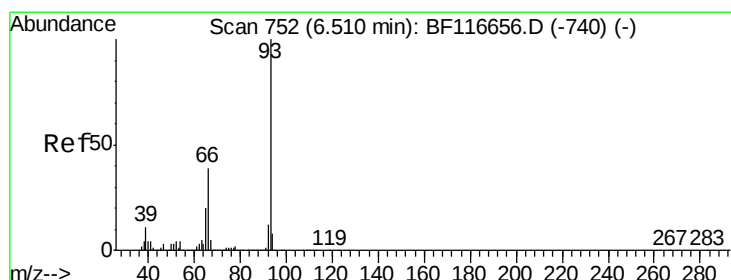
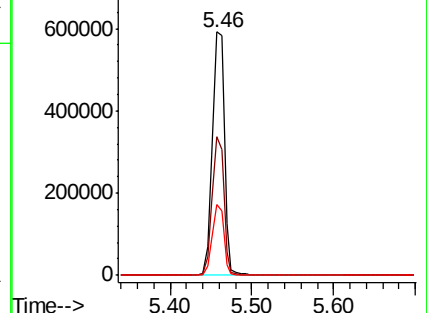
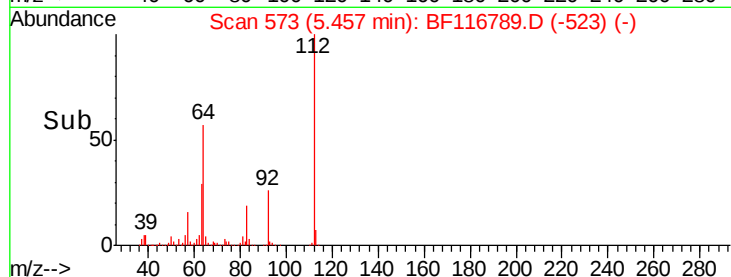
63 29.1 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.191 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

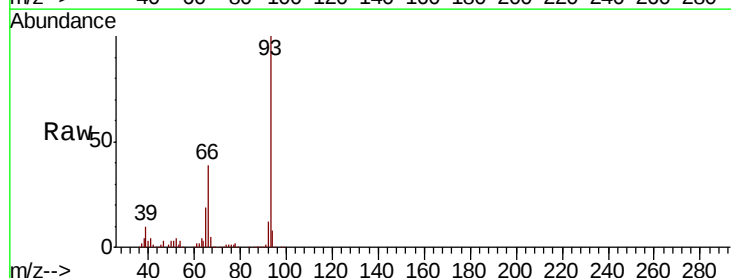
Tgt Ion: 93 Resp: 508913

Ion Ratio Lower Upper

93 100

66 38.7 32.7 49.1

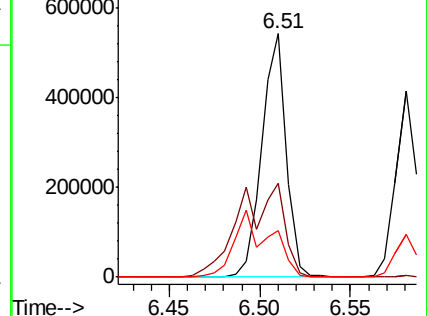
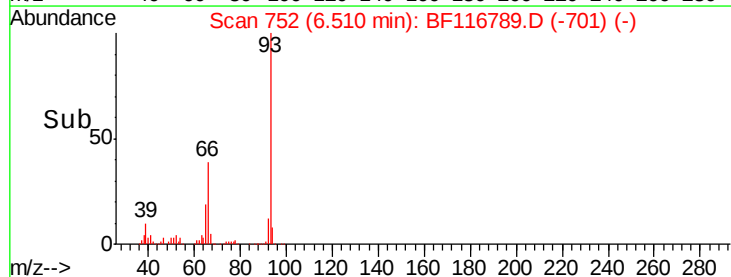
65 19.1 16.3 24.5



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: 83.807 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

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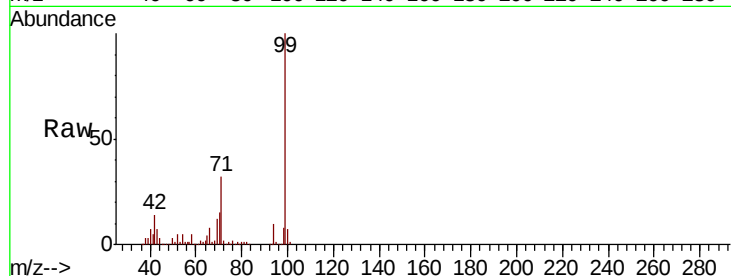
Tot Ion: 99 Resp: 766191

Ion Ratio Lower Upper

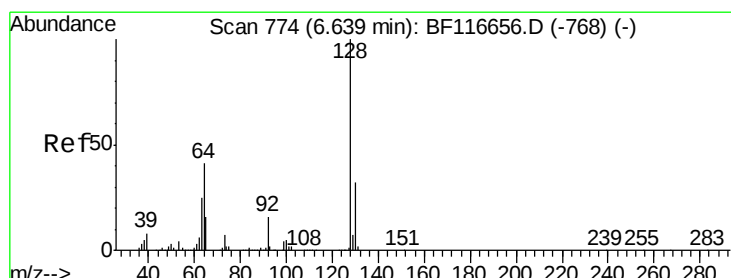
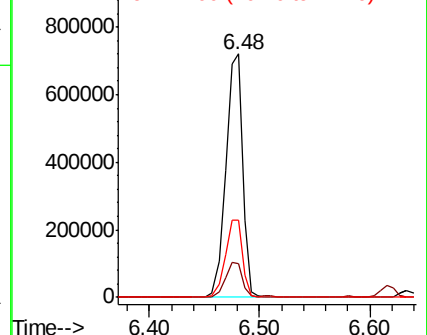
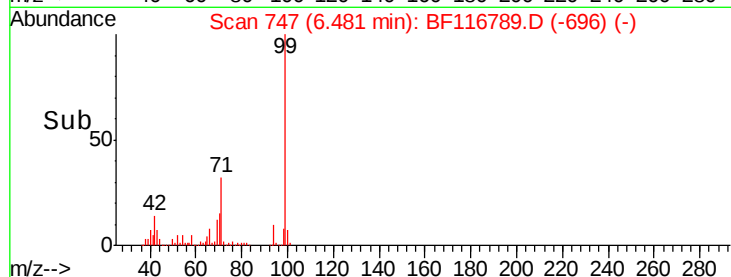
99 100

42 13.7 13.7 20.5

71 31.7 30.8 46.2



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: 42.697 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

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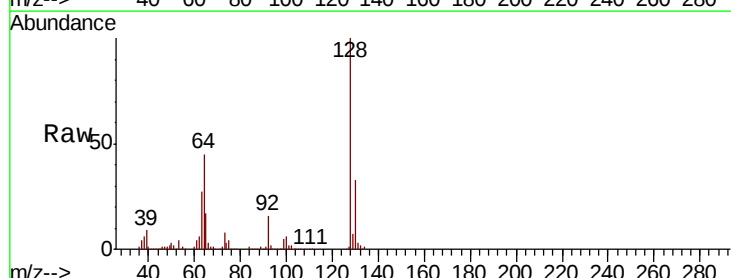
Tgt Ion: 128 Resp: 324513

Ion Ratio Lower Upper

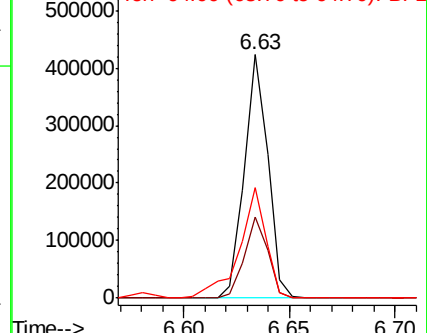
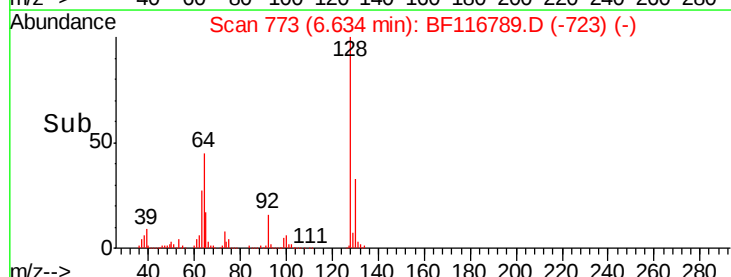
128 100

130 33.1 12.3 52.3

64 45.4 22.5 62.5



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: 37.946 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

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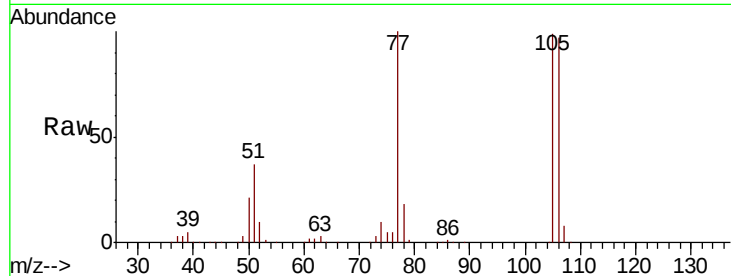
Tot Ion: 77 Resp: 228554

Ion Ratio Lower Upper

77 100

105 98.6 76.7 116.7

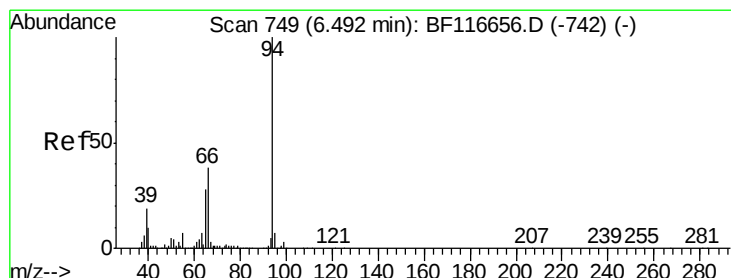
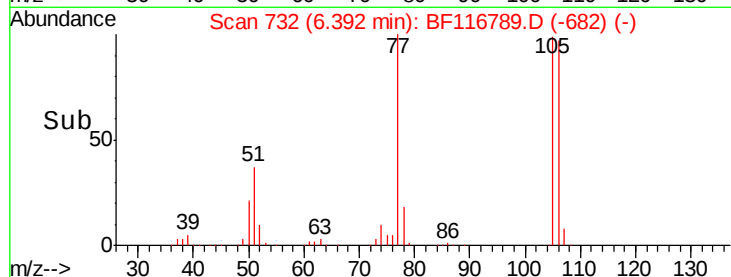
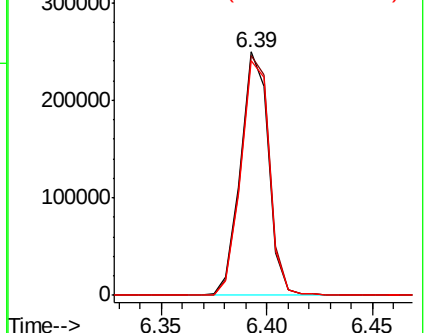
106 96.5 73.1 113.1



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: 42.121 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

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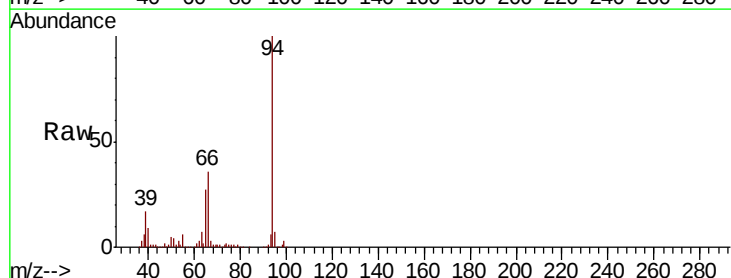
Tgt Ion: 94 Resp: 426410

Ion Ratio Lower Upper

94 100

65 26.9 10.8 50.8

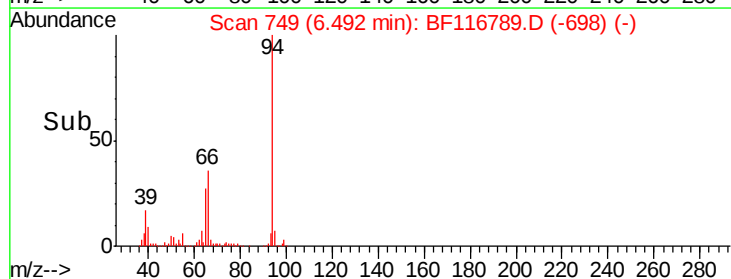
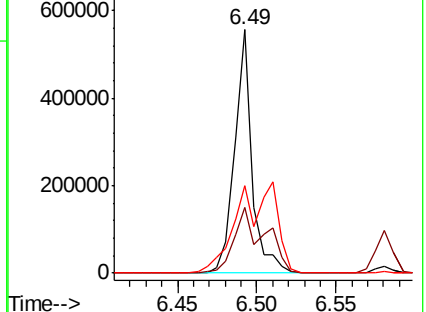
66 35.8 21.1 61.1



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

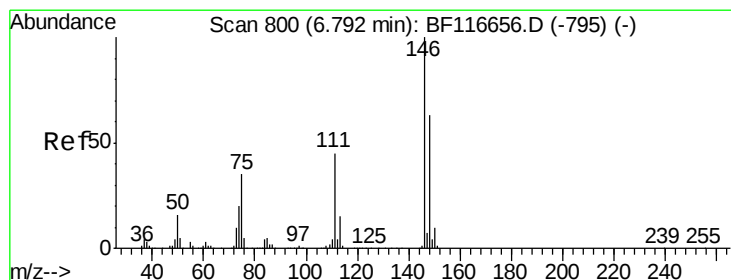
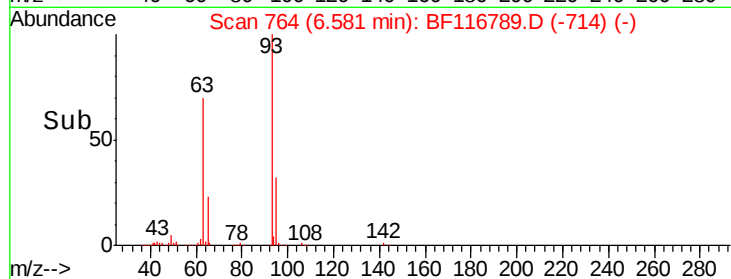
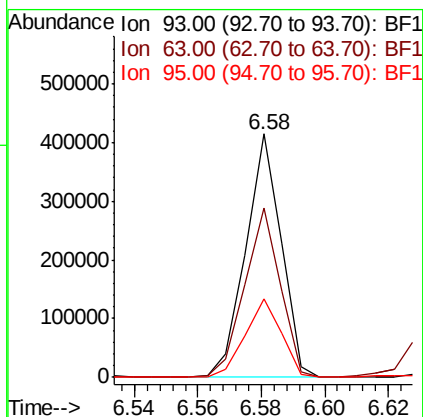
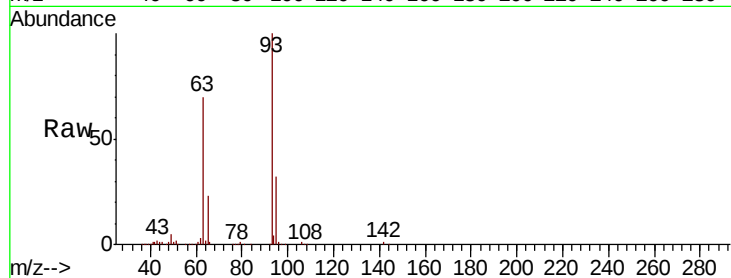




#11
bis(2-Chloroethyl)ether
Concen: 40.726 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

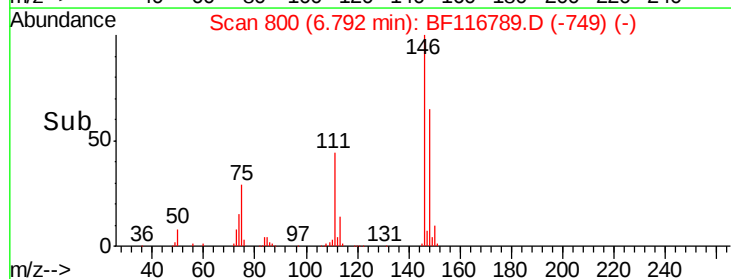
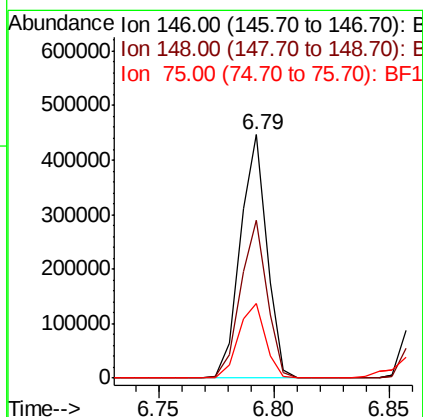
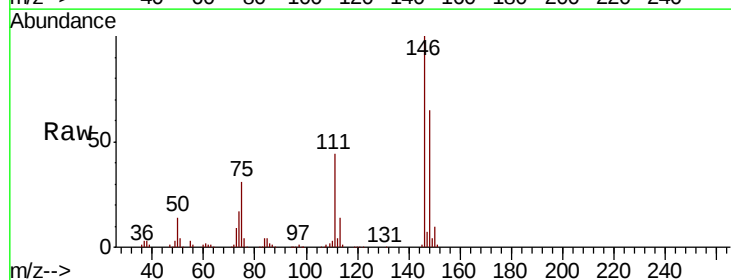
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	321026
Ion	Ratio	Lower	Upper
93	100		
63	69.5	49.9	89.9
95	32.5	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 41.793 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Tgt Ion:	146	Resp:	359000
Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.0
75	30.6	29.6	44.4

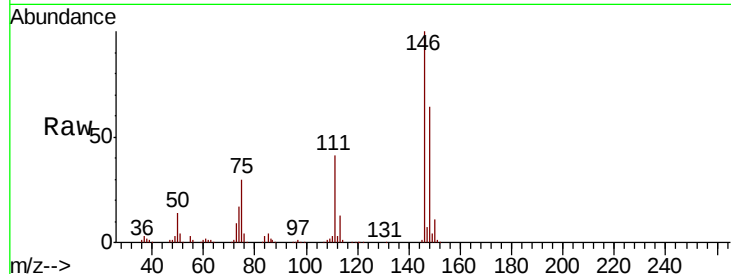




#13
 1,4-Dichlorobenzene
 Concen: 42.978 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF116789.D
 Acq: 3 Sep 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.2
111	41.2	34.8	52.2

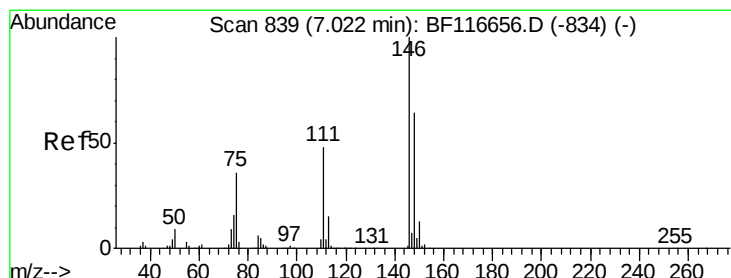
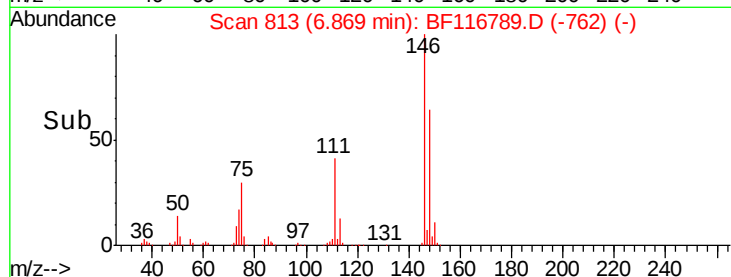
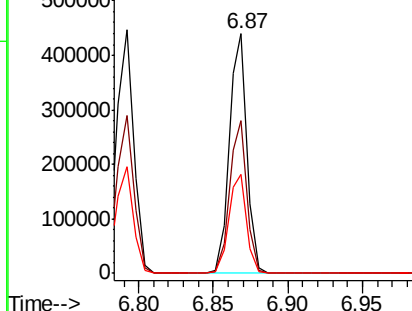


Abundance

Ion 146.00 (145.70 to 146.70): E

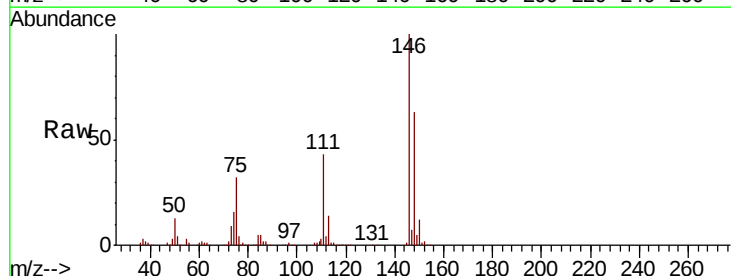
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 43.509 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF116789.D
 Acq: 3 Sep 2019 23:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.6	78.8
111	43.5	34.2	51.4

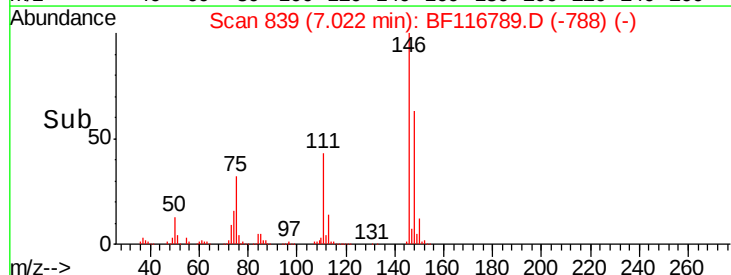
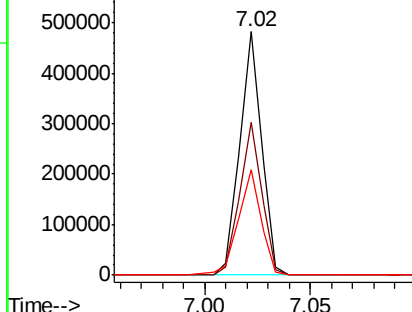


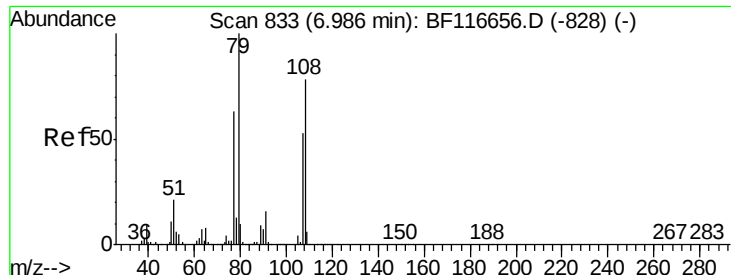
Abundance

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: 39.368 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

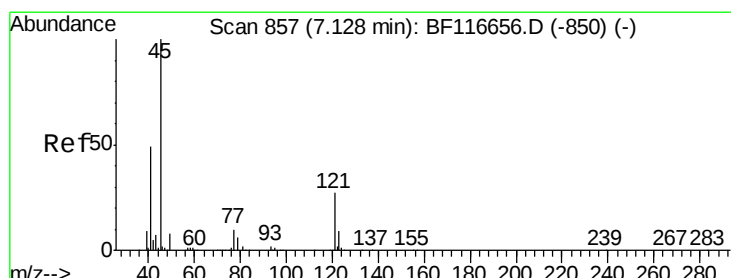
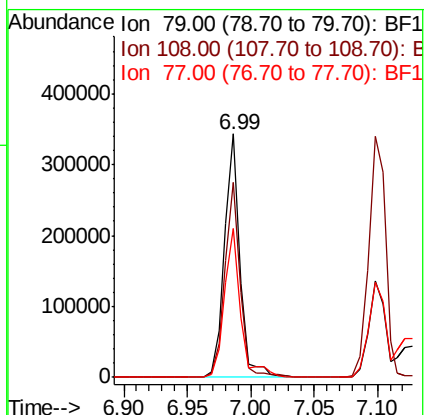
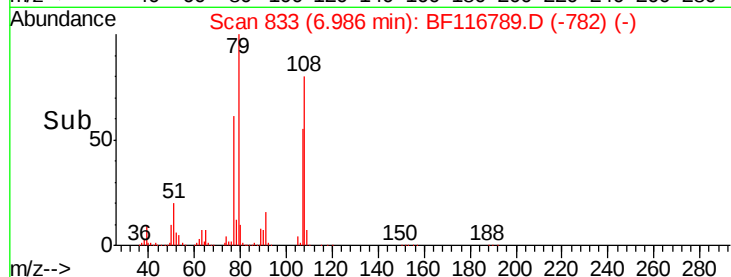
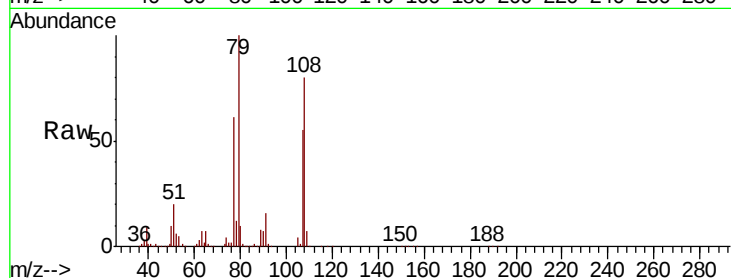
Tot Ion: 79 Resp: 292156

Ion Ratio Lower Upper

79 100

108 80.0 59.2 88.8

77 61.1 53.0 79.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.866 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

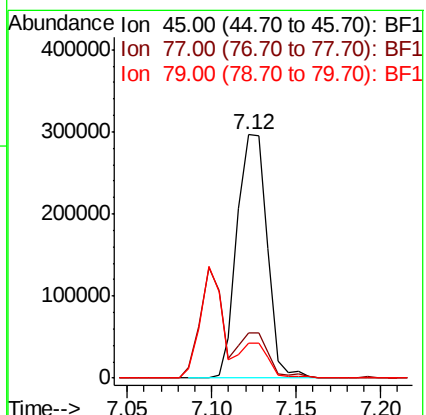
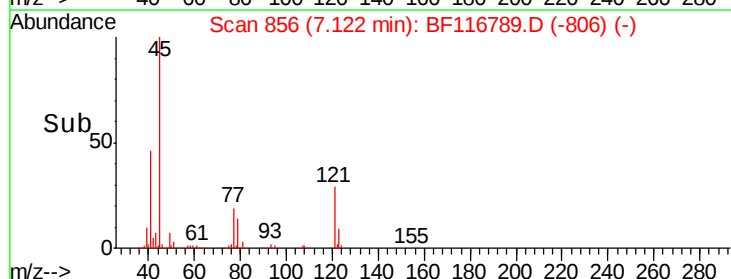
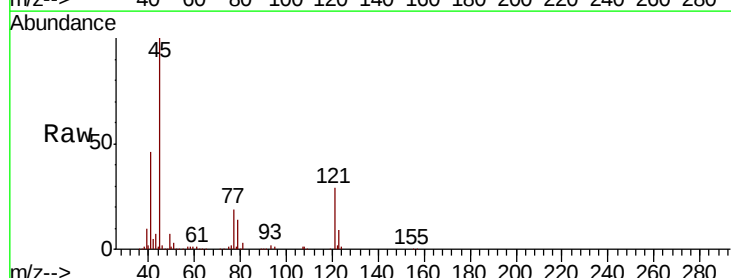
Tgt Ion: 45 Resp: 368693

Ion Ratio Lower Upper

45 100

77 18.7 0.0 38.2

79 14.5 0.0 33.9

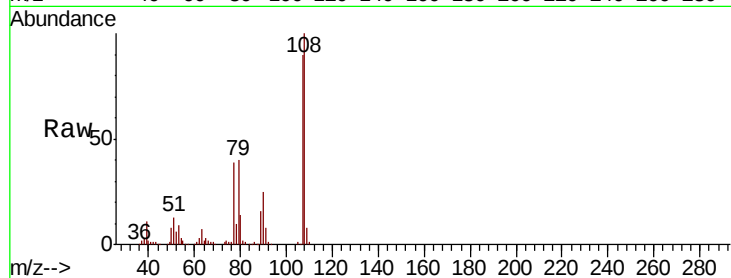




#17
2-Methylphenol
Concen: 40.915 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	272222
Ion	Ratio	Lower	Upper
107	100		
108	111.6	88.3	132.5
77	44.0	39.9	59.9
79	44.8	39.8	59.8



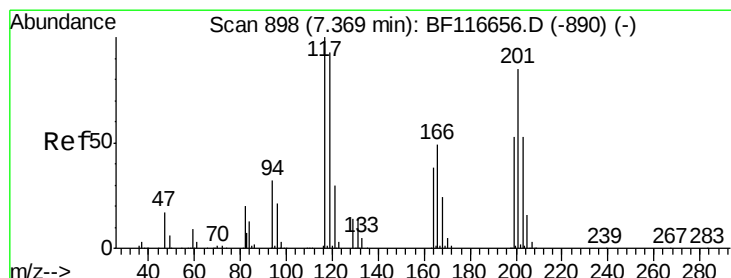
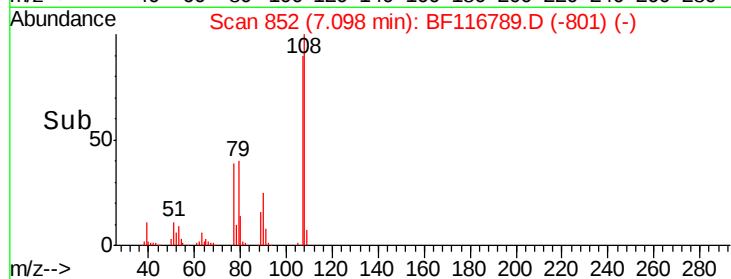
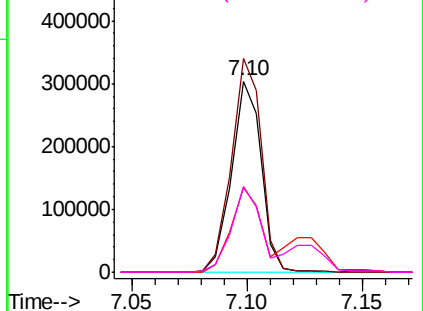
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

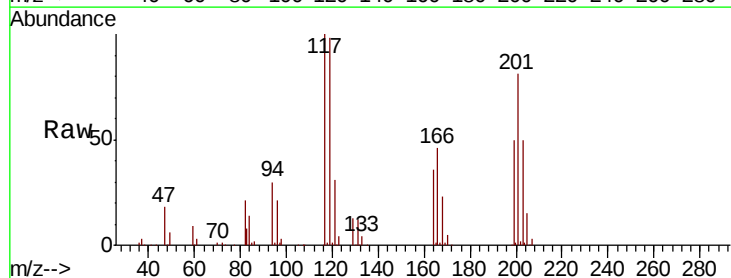
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 35.362 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Tgt Ion:	117	Resp:	117496
Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.9	115.3
201	80.5	79.4	119.0

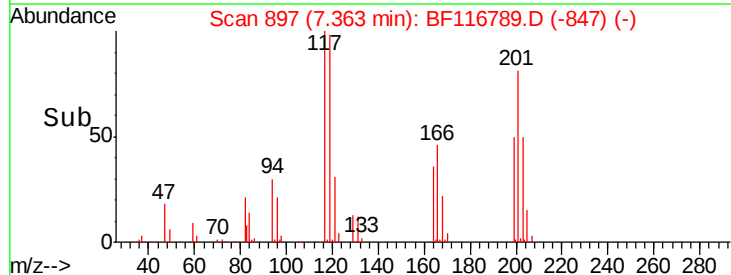
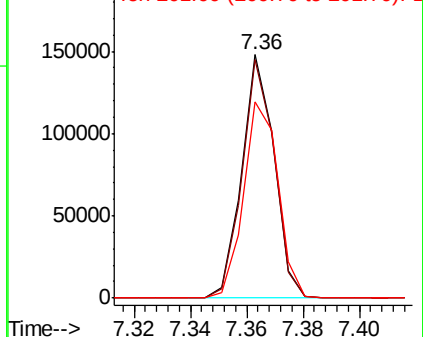


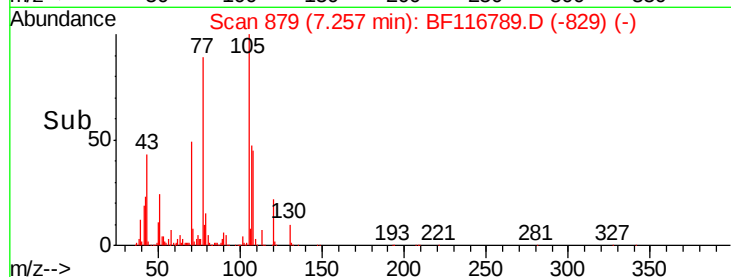
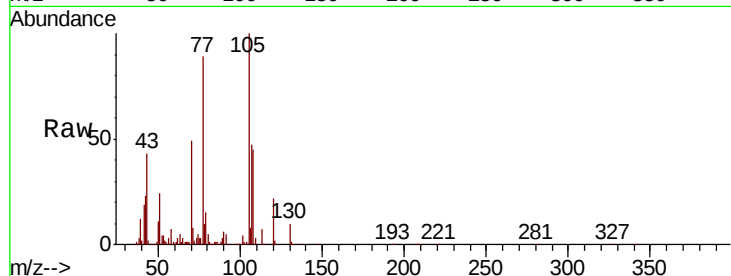
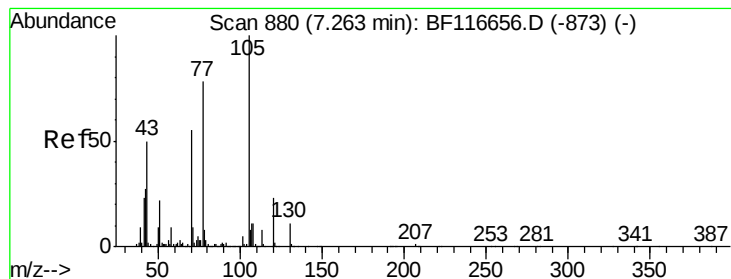
Abundance

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

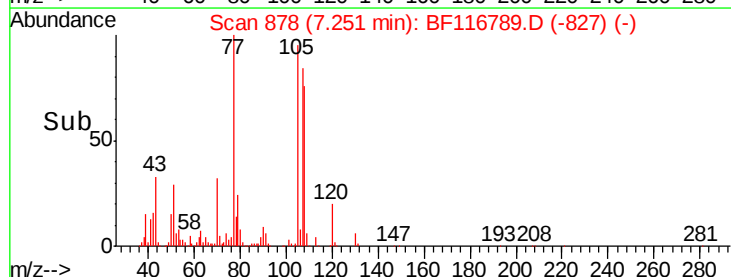
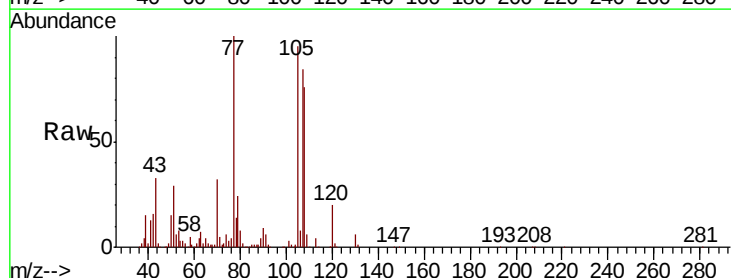
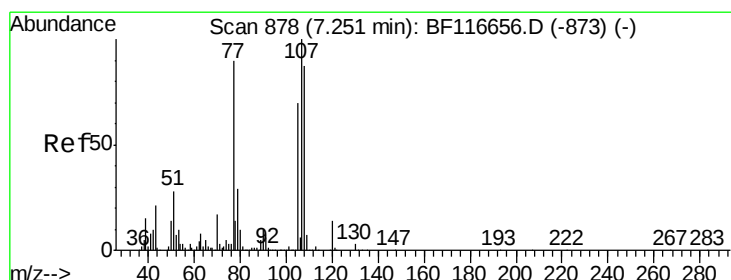
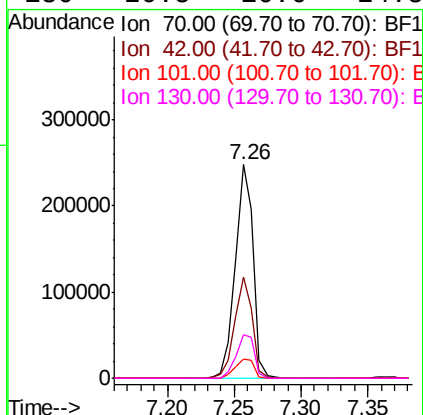




#19
n-Nitroso-di-n-propylamine
Concen: 38.724 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

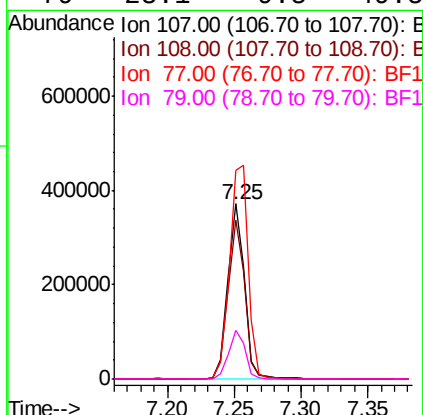
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	233105
Ion	Ratio	Lower	Upper
70	100		
42	47.4	43.5	65.3
101	9.0	7.8	11.6
130	20.5	16.6	24.8



#20
3+4-Methylphenols
Concen: 42.318 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Tgt Ion:	107	Resp:	327373
Ion	Ratio	Lower	Upper
107	100		
108	90.4	65.5	105.5
77	119.2	69.4	109.4#
79	28.1	9.5	49.5

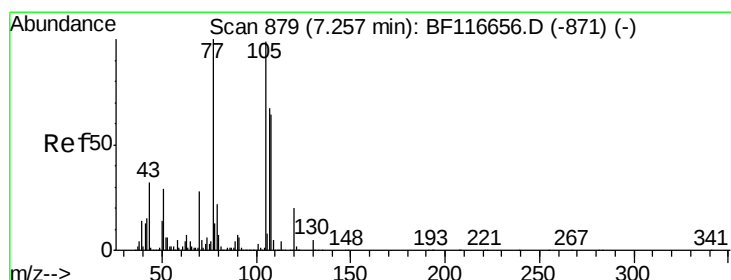
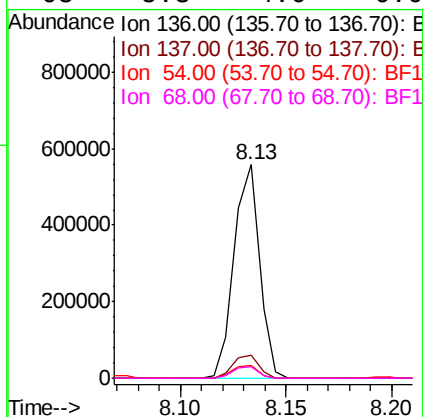
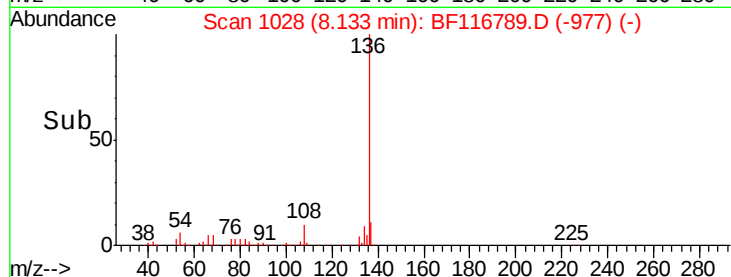
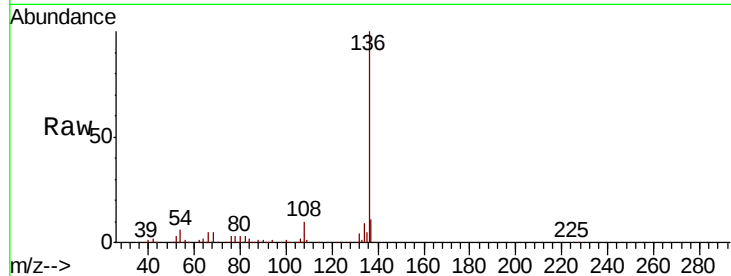




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

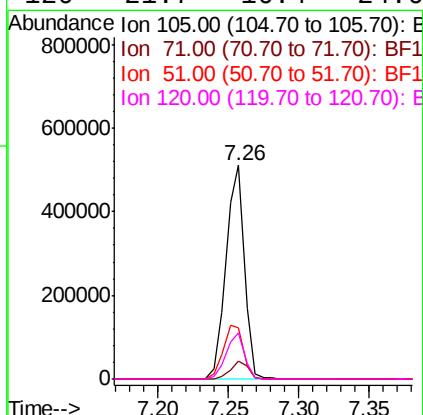
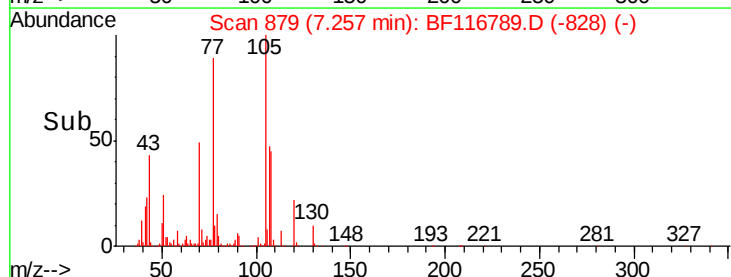
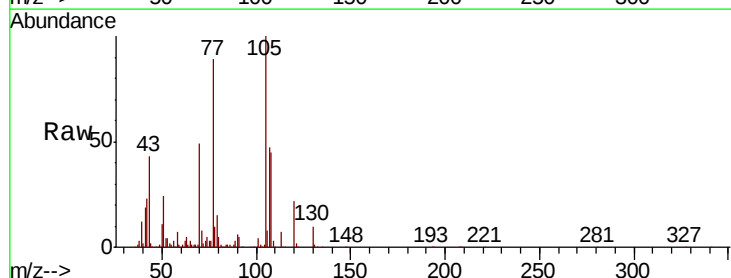
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	465949
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.9	13.3
54 5.7	4.8	7.2
68 5.3	4.0	6.0



#22
Acetophenone
Concen: 41.030 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Tgt	Ion:105	Resp:	460264
Ion	Ratio	Lower	Upper
105	100		
71	8.2	4.2	6.4#
51	23.9	25.8	38.8#
120	21.7	16.4	24.6

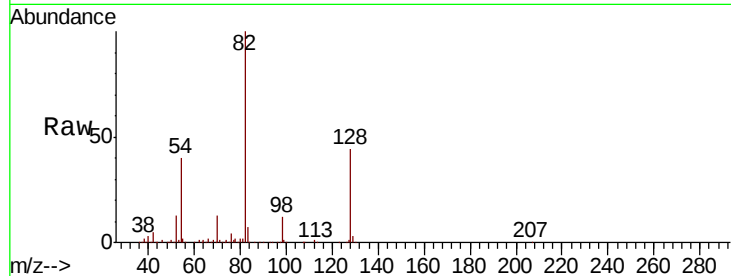




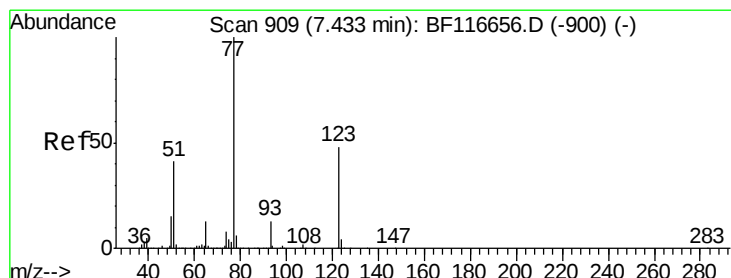
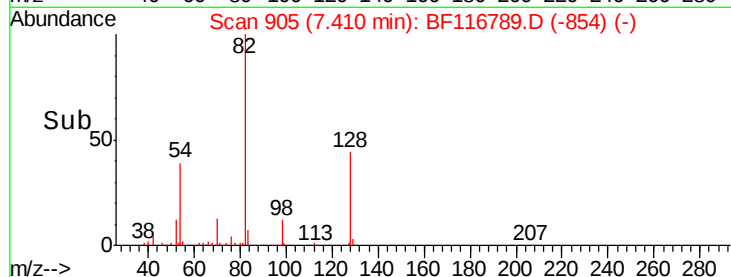
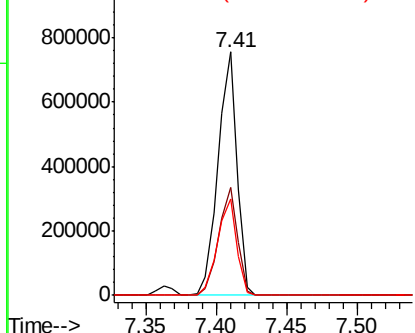
#23
 Nitrobenzene-d5
 Concen: 86.512 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF116789.D
 Acq: 3 Sep 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	706112
Ion Ratio	100	Lower	Upper
128	44.1	32.8	49.2
54	39.6	36.9	55.3

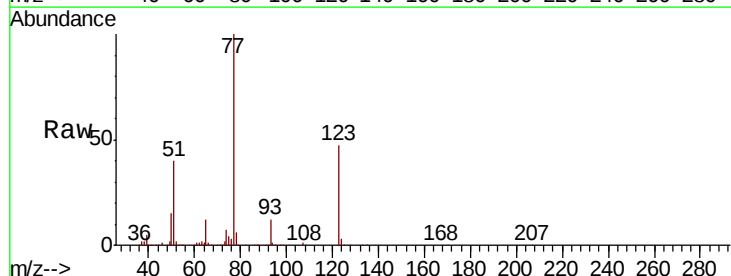


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

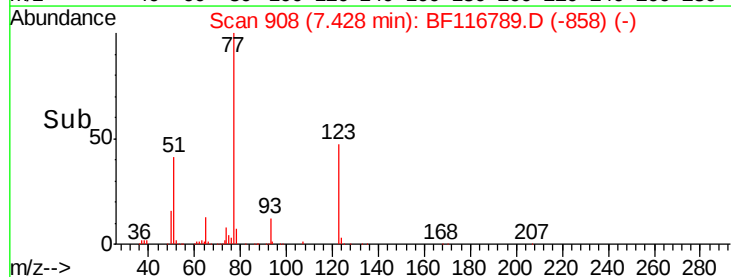
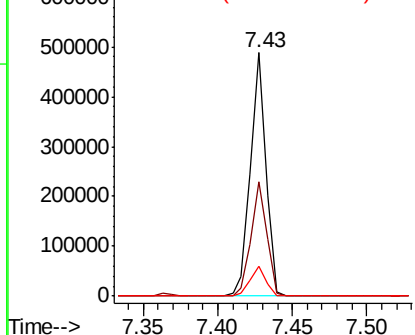


#24
 Nitrobenzene
 Concen: 42.388 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF116789.D
 Acq: 3 Sep 2019 23:40

Tgt Ion	77	Resp	351868
Ion Ratio	100	Lower	Upper
123	46.7	33.1	49.7
65	12.4	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.764 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

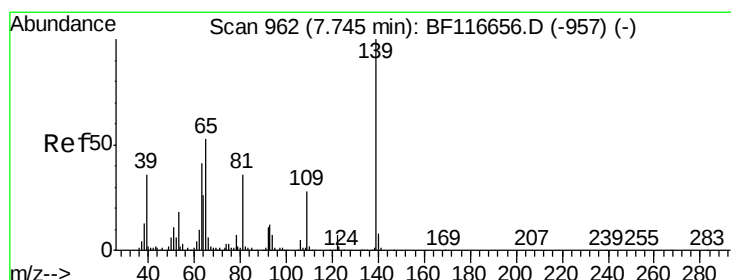
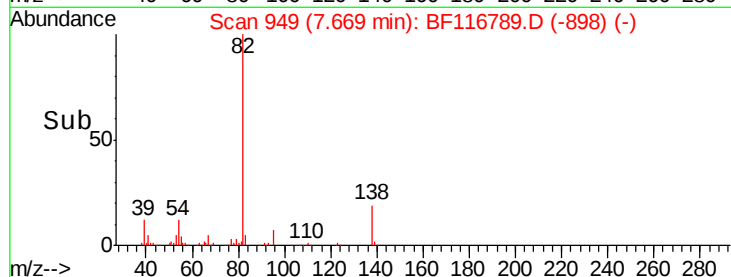
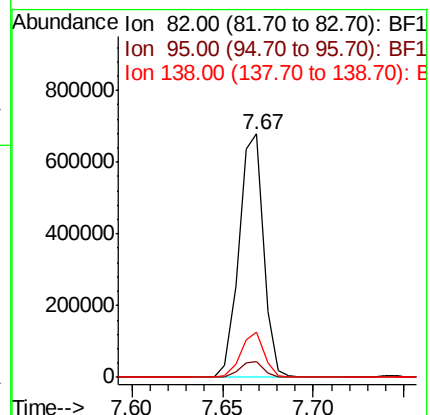
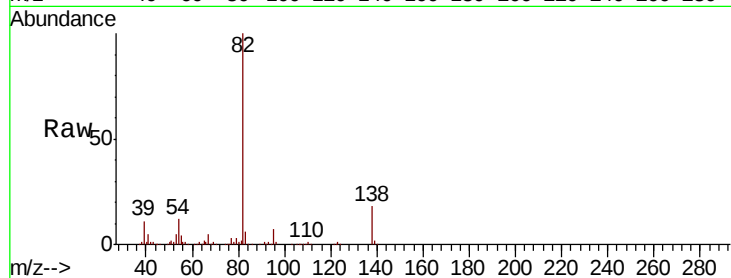
Tot Ion: 82 Resp: 641121

Ion Ratio Lower Upper

82 100

95 6.5 5.8 8.6

138 18.4 13.5 20.3



#26

2-Nitrophenol

Concen: 50.450 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

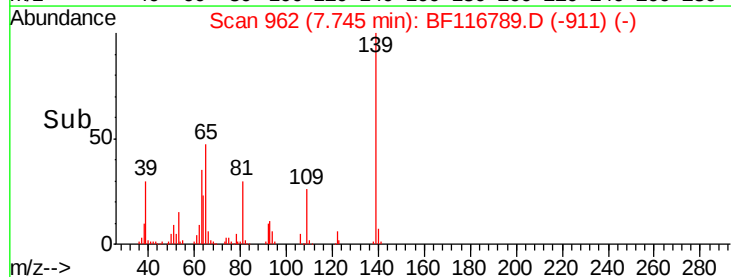
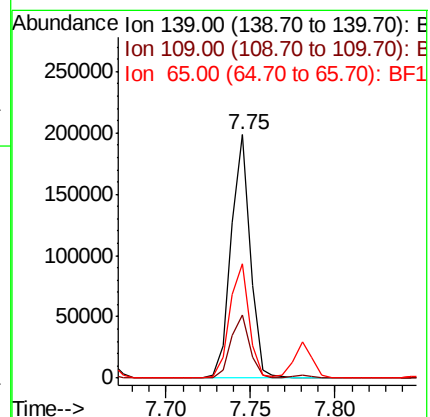
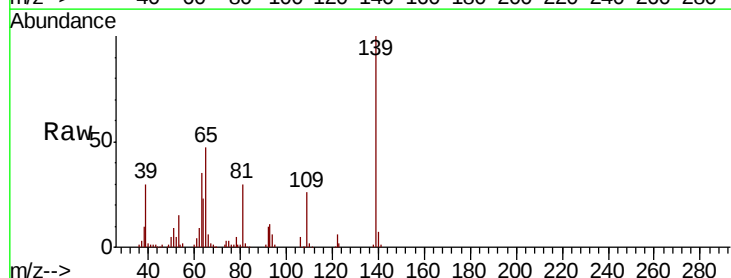
Tgt Ion: 139 Resp: 155699

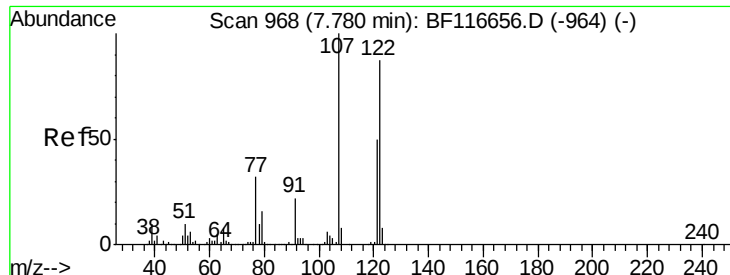
Ion Ratio Lower Upper

139 100

109 26.1 27.1 40.7#

65 46.9 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 41.080 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

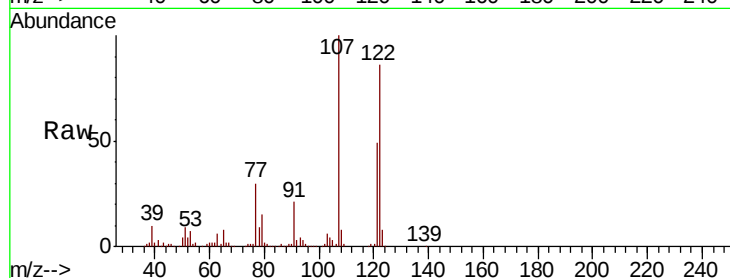
Tot Ion:122 Resp: 256047

Ion Ratio Lower Upper

122 100

107 116.5 98.1 147.1

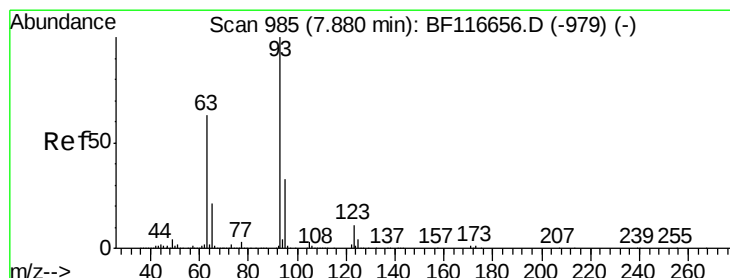
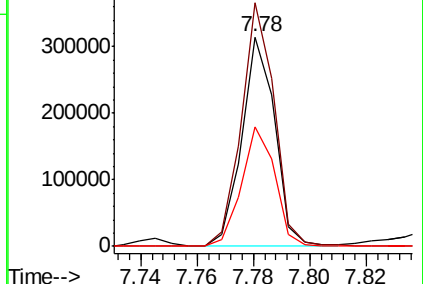
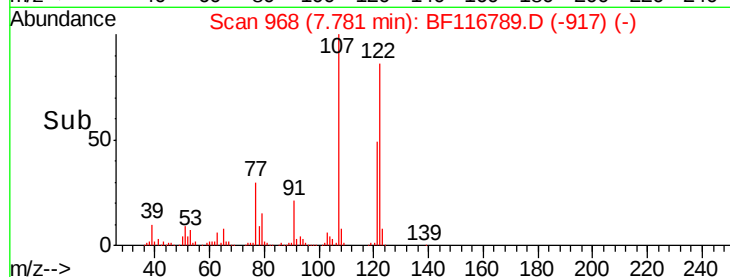
121 57.4 47.3 70.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.185 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

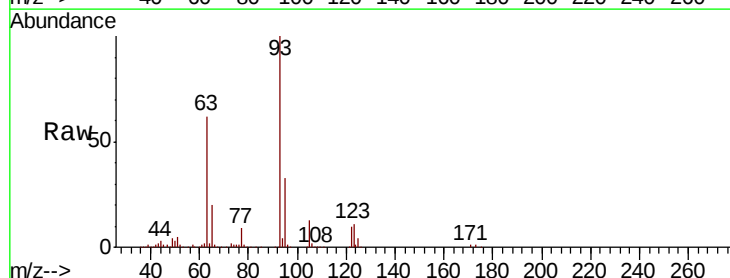
Tgt Ion: 93 Resp: 406153

Ion Ratio Lower Upper

93 100

95 33.2 26.4 39.6

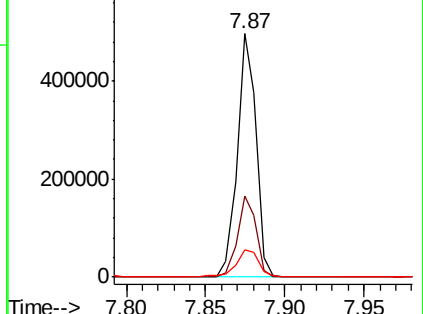
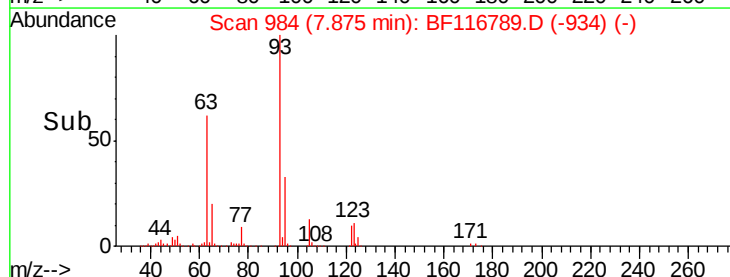
123 11.5 9.8 14.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

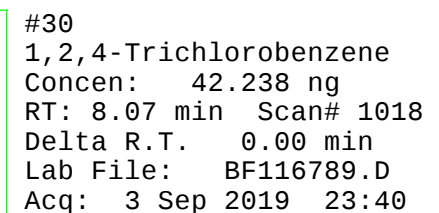
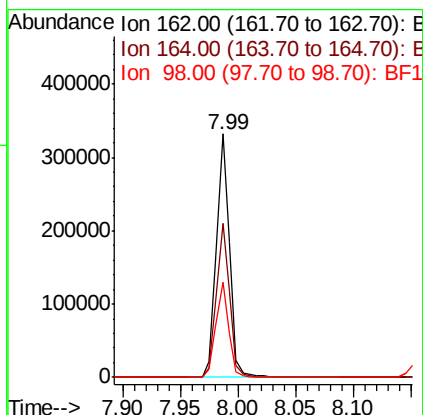
Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

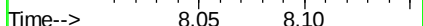
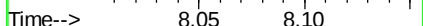
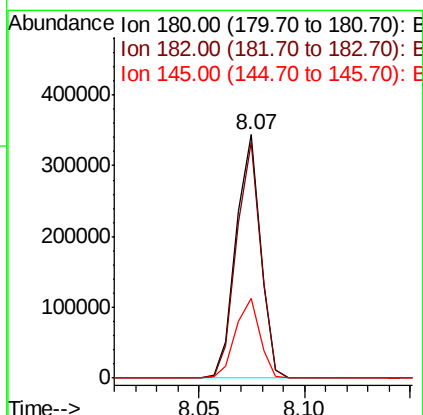


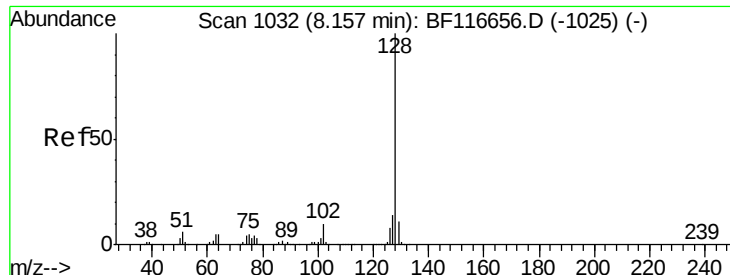


Tot	Ion:162	Resp:	261949
Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.4	83.4
98	38.9	18.1	58.1



Tgt	Ion:180	Resp:	274417
Ion	Ratio	Lower	Upper
180	100		
182	96.7	78.6	118.0
145	32.5	25.7	38.5

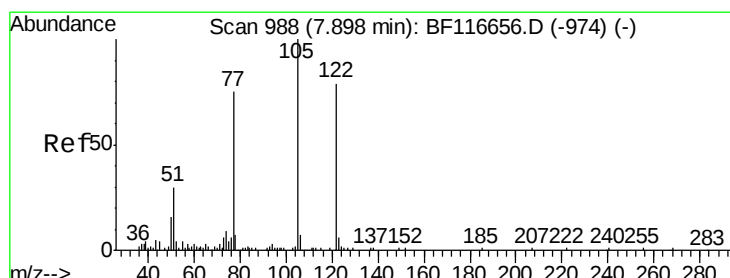
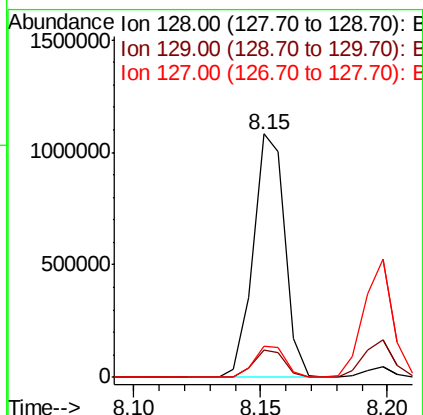
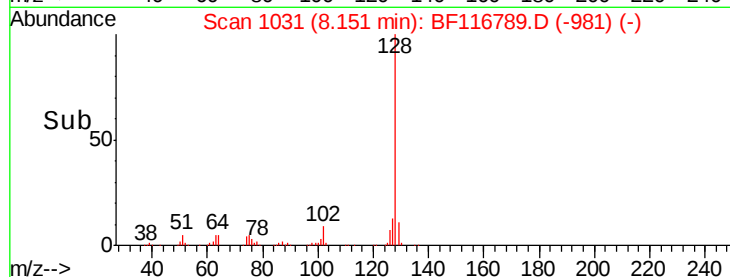
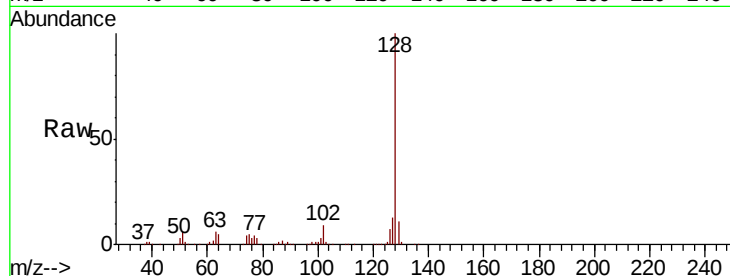




#31
Naphthalene
Concen: 42.327 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

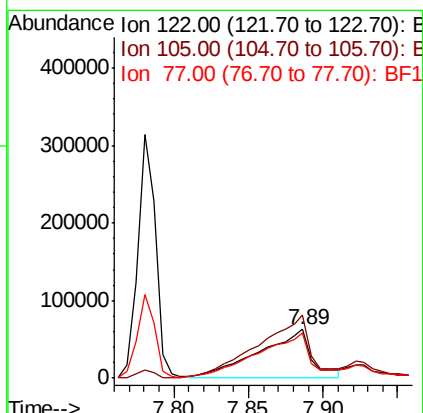
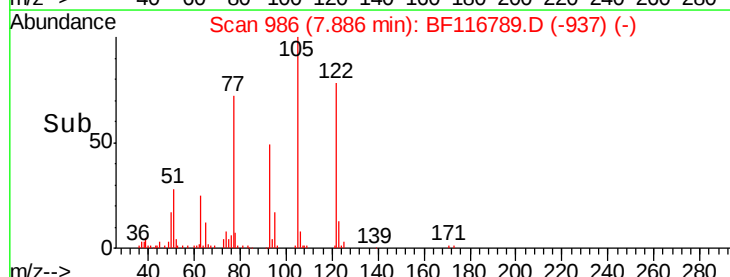
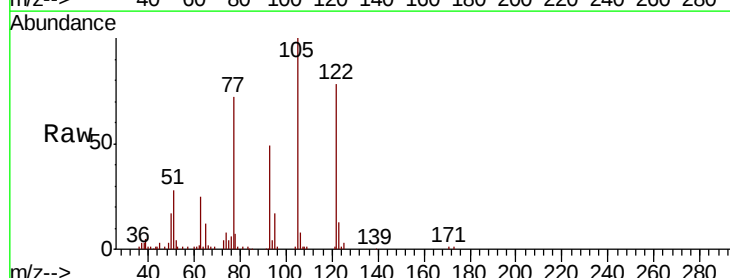
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 937815
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 44.462 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Tgt Ion:122 Resp: 156478
Ion Ratio Lower Upper
122 100
105 129.0 110.0 150.0
77 92.9 81.7 121.7

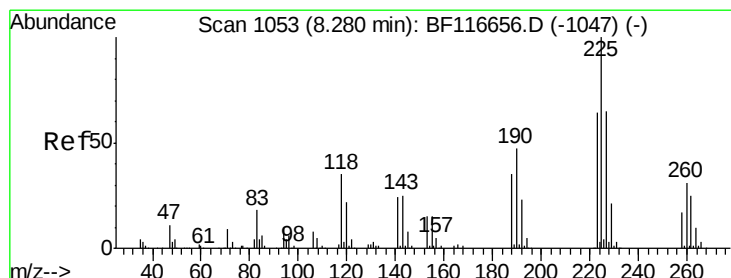
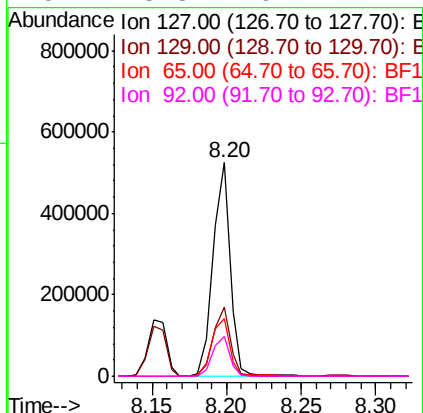
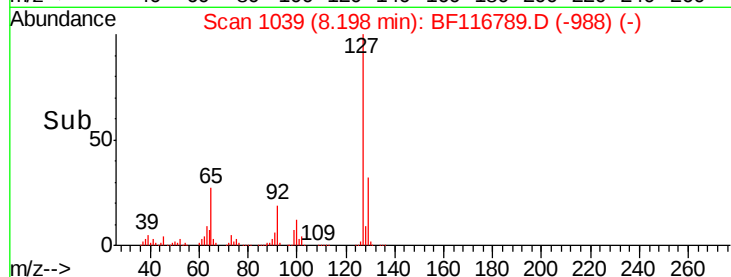
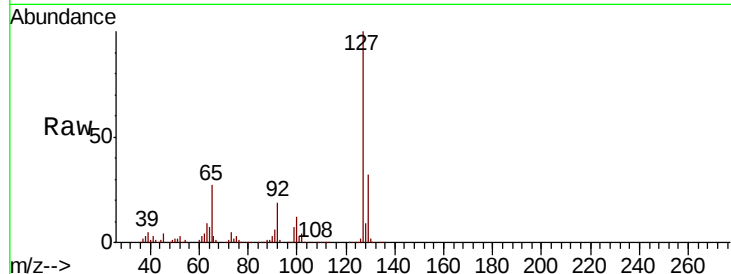




#33
4-Chloroaniline
Concen: 41.524 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

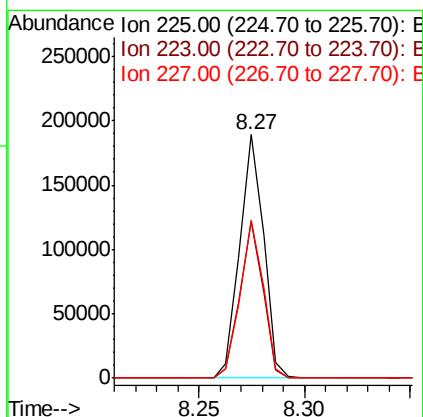
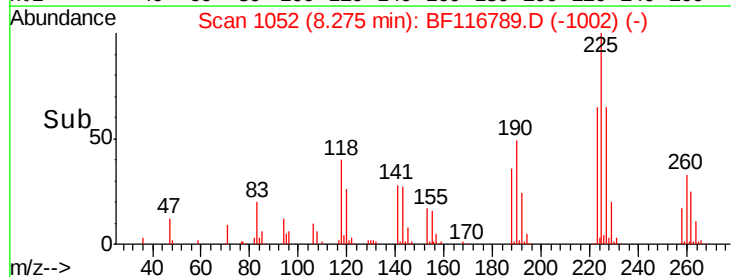
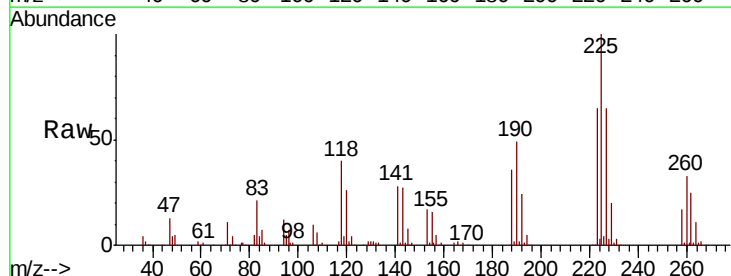
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:127	Resp:	418789
Ion	Ratio	Lower Upper
127	100	
129	32.1	26.2 39.2
65	27.2	26.0 39.0
92	18.8	16.1 24.1



#34
Hexachlorobutadiene
Concen: 41.728 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Tgt Ion:225	Resp:	147820
Ion	Ratio	Lower Upper
225	100	
223	64.5	49.4 74.2
227	64.6	51.0 76.4





#35

Caprolactam

Concen: 41.936 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

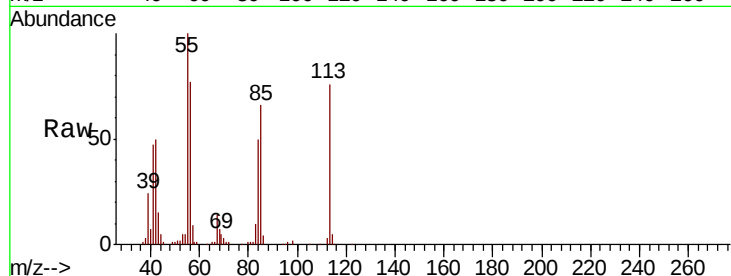
Tot Ion:113 Resp: 94008

Ion Ratio Lower Upper

113 100

55 132.1 124.3 164.3

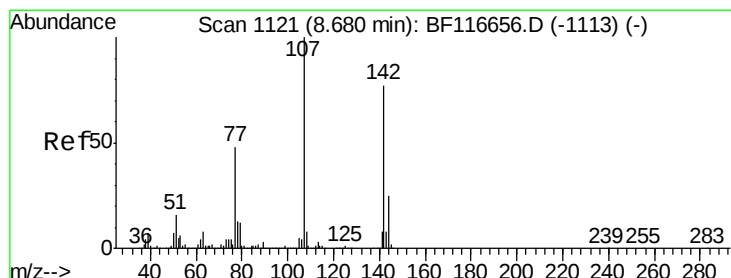
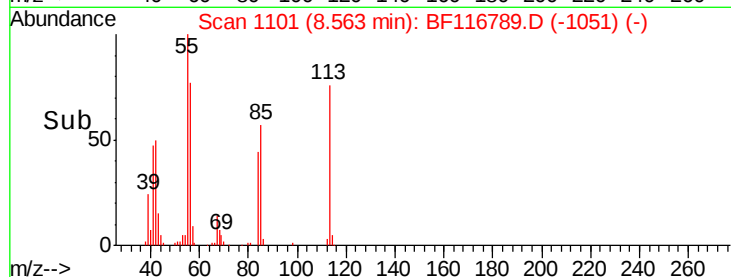
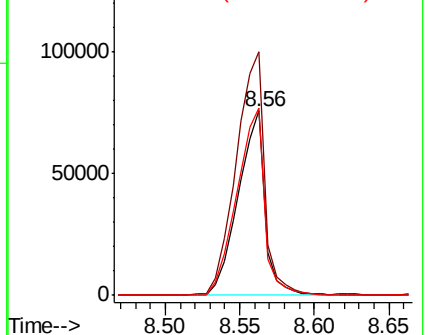
56 101.7 94.6 134.6



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: 42.677 ng

RT: 8.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

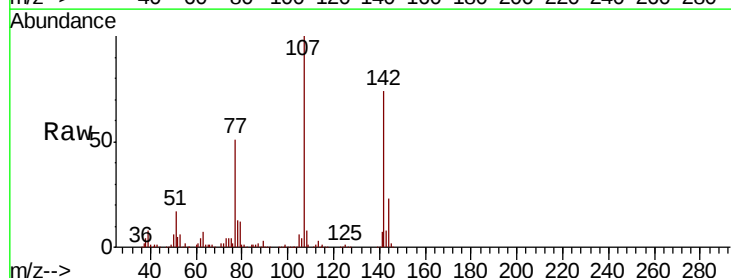
Tgt Ion:107 Resp: 293808

Ion Ratio Lower Upper

107 100

144 23.5 18.6 27.8

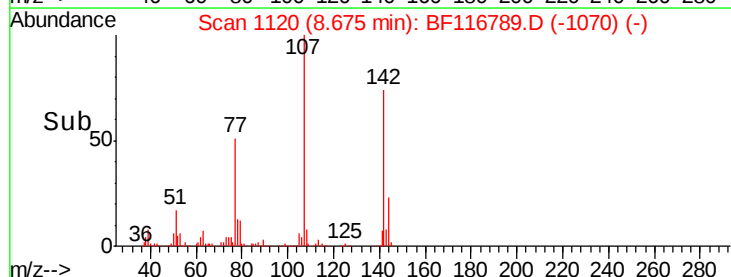
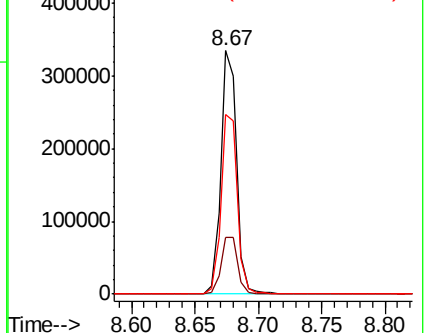
142 73.5 58.5 87.7

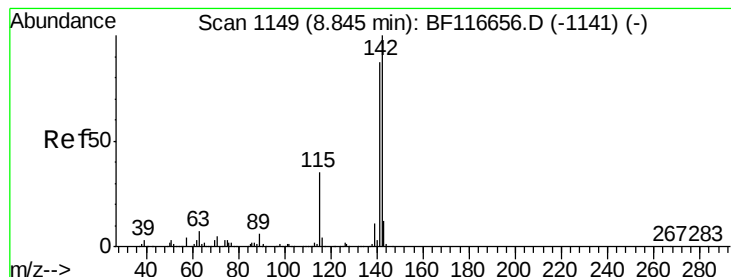


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.591 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

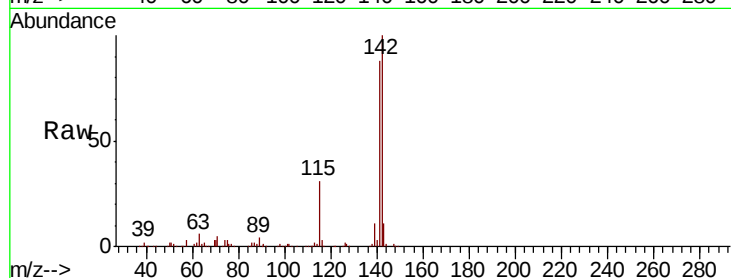
Tot Ion:142 Resp: 627861

Ion Ratio Lower Upper

142 100

141 88.3 72.6 109.0

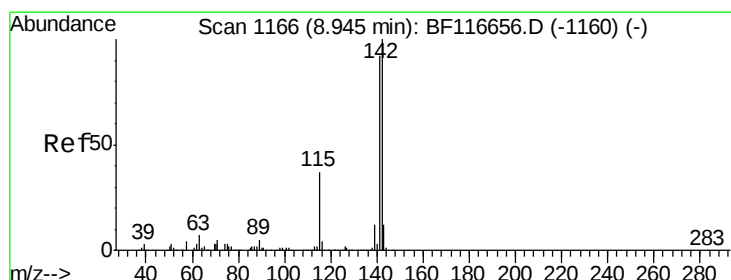
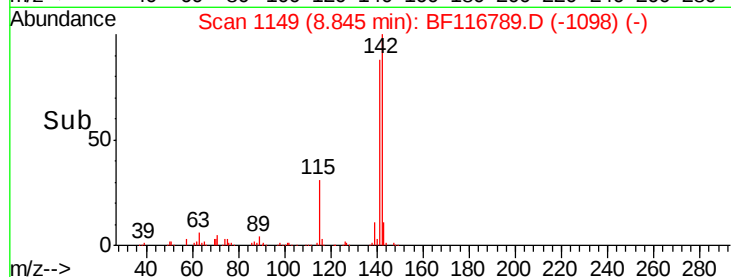
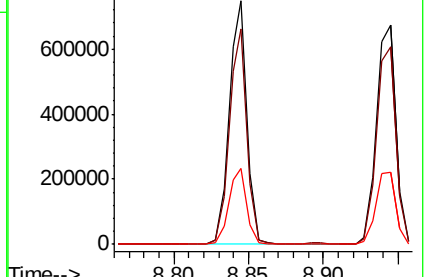
115 31.4 29.8 44.6



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: 42.995 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

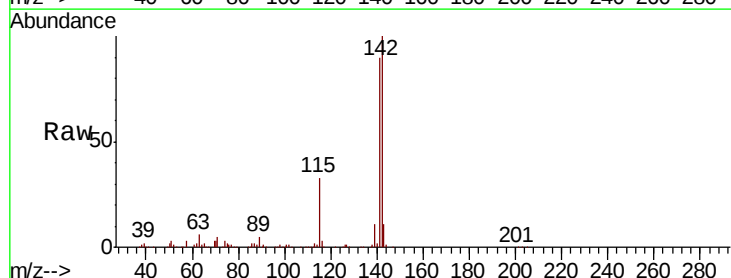
Tgt Ion:142 Resp: 598321

Ion Ratio Lower Upper

142 100

141 89.7 73.9 110.9

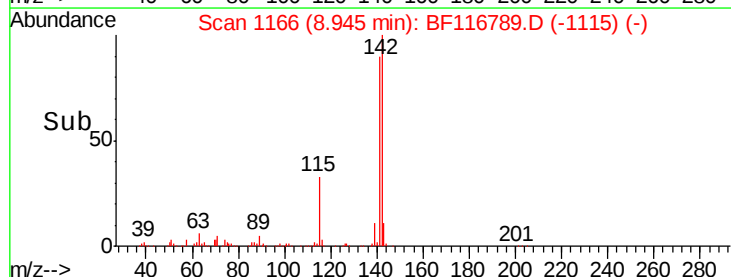
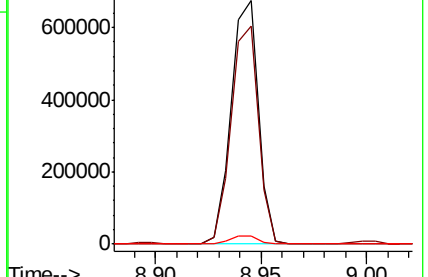
116 3.4 3.0 4.6



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

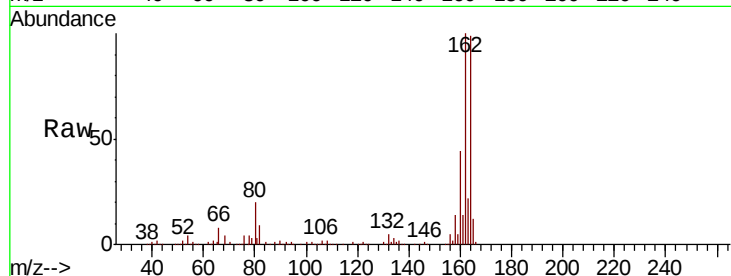




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.4	122.0
160	44.7	35.4	53.2

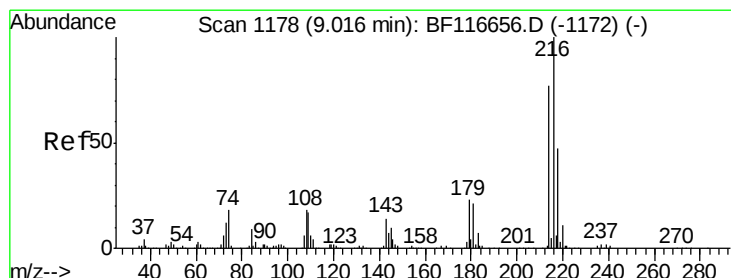
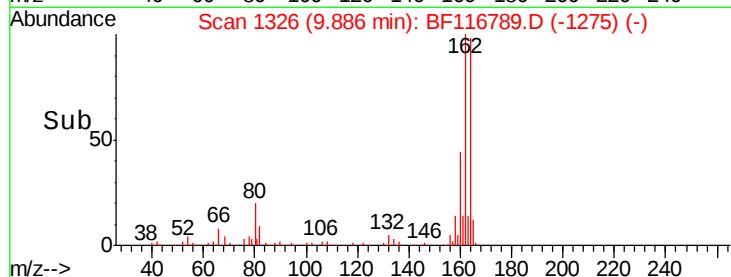
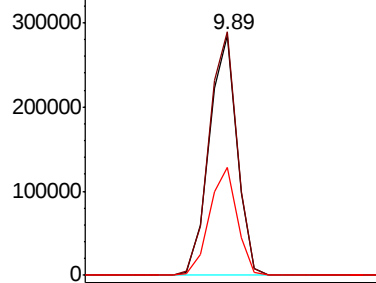


Abundance

Ion 164.00 (163.70 to 164.70): E

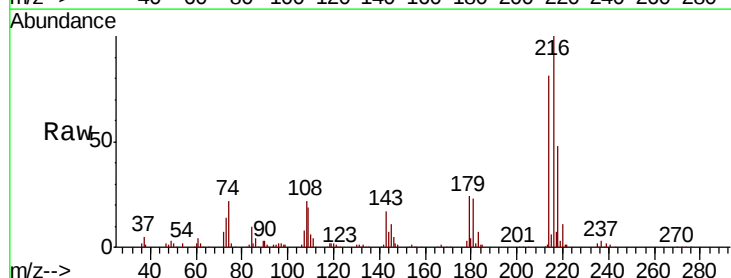
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.355 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.7	94.1
179	22.7	19.3	28.9
108	21.2	16.6	25.0



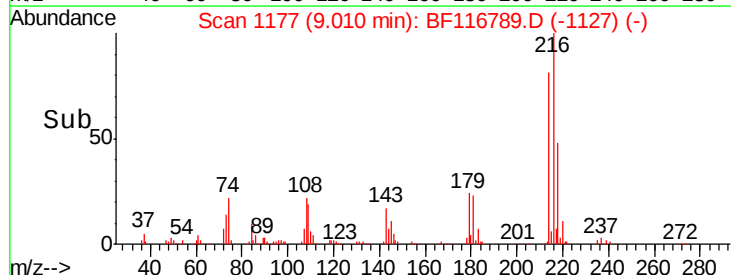
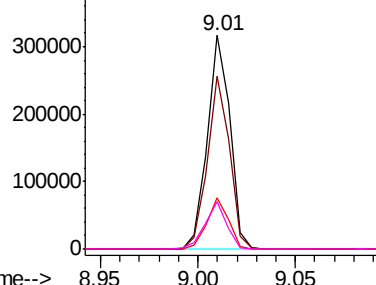
Abundance

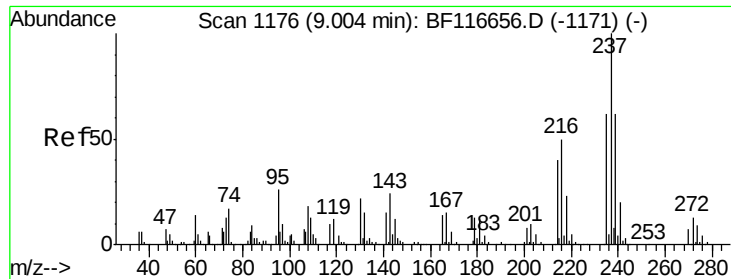
Ion 216.00 (215.70 to 216.70): E

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

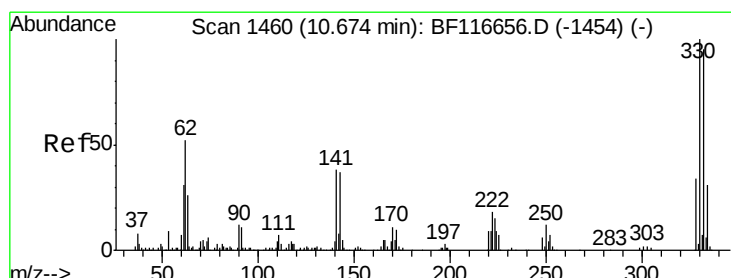
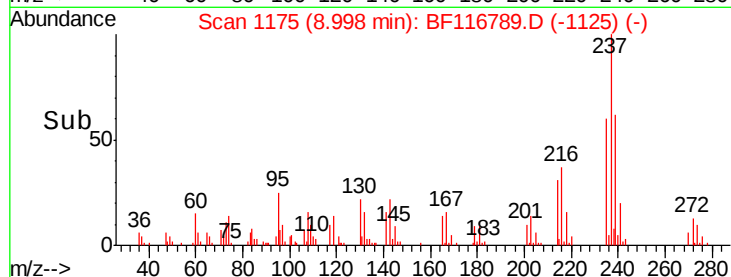
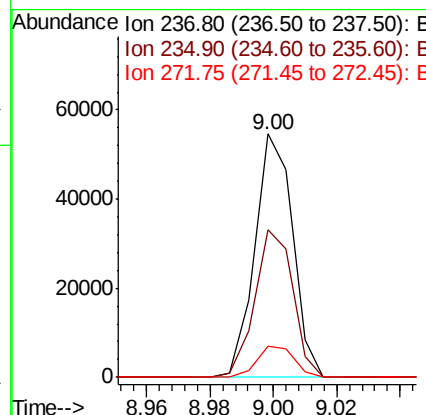
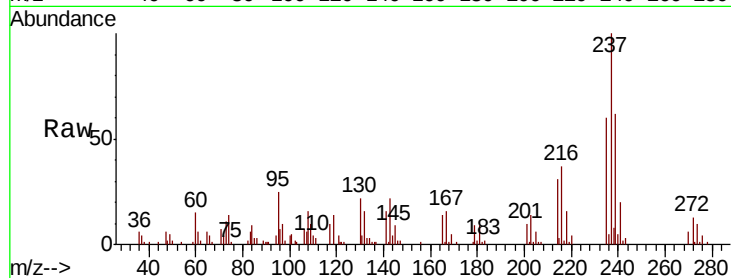




#41
Hexachlorocyclopentadiene
Concen: 13.684 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

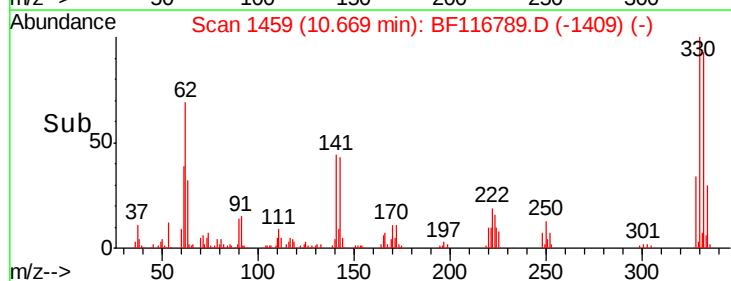
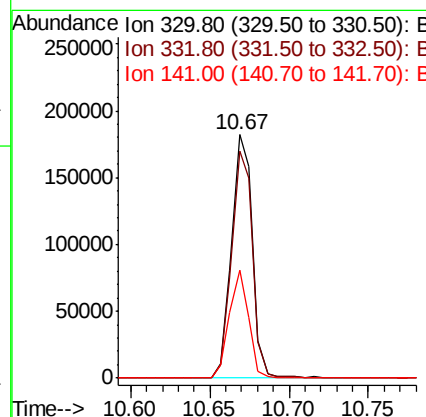
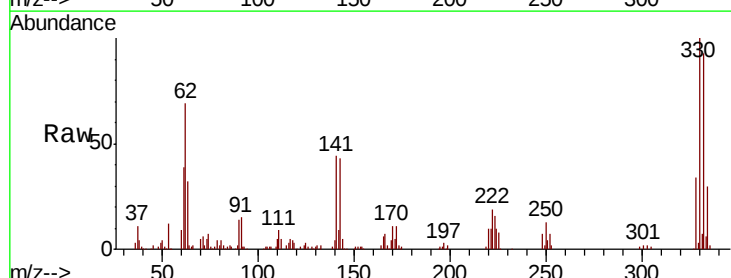
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:237 Resp: 45254
Ion Ratio Lower Upper
237 100
235 60.4 41.4 81.4
272 12.9 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 104.056 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Tgt Ion:330 Resp: 166183
Ion Ratio Lower Upper
330 100
332 93.8 76.9 115.3
141 41.2 31.4 47.2

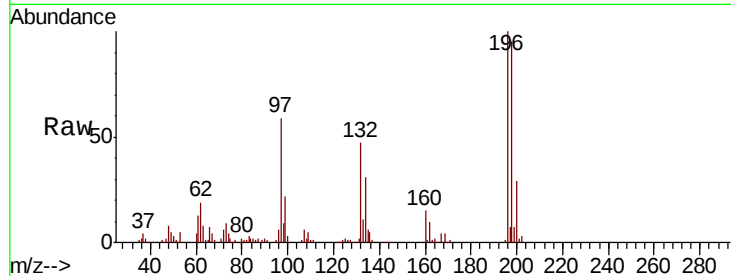




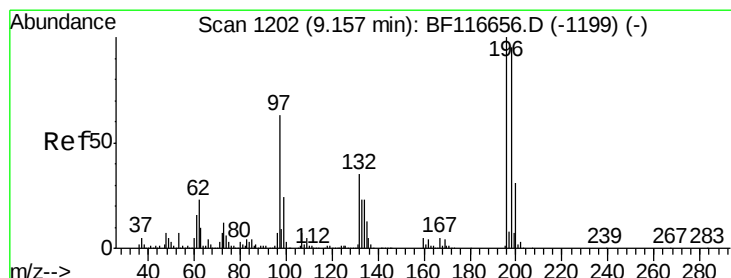
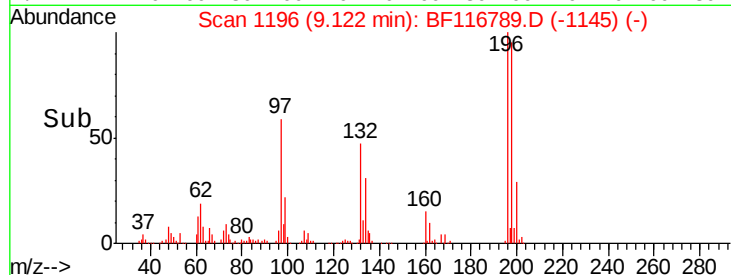
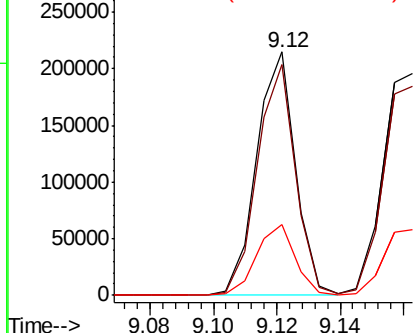
#43
 2,4,6-Trichlorophenol
 Concen: 46.394 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF116789.D
 Acq: 3 Sep 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 182124
 Ion Ratio Lower Upper
 196 100
 198 94.7 79.1 118.7
 200 29.3 24.0 36.0

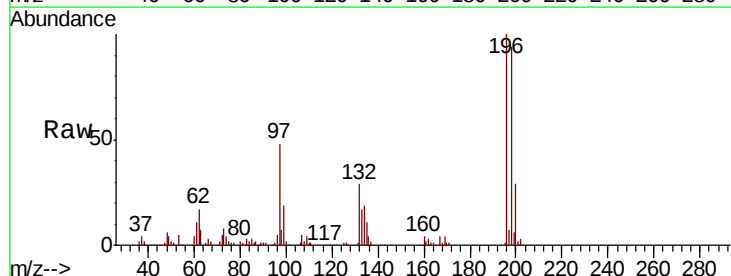


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

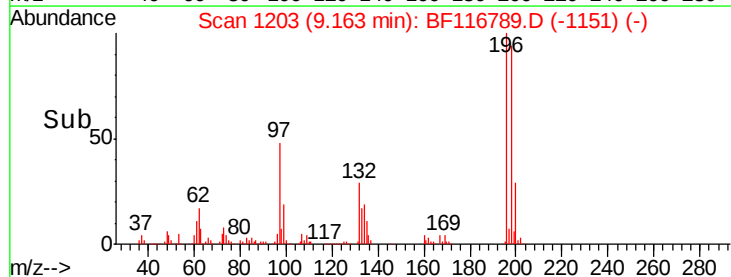
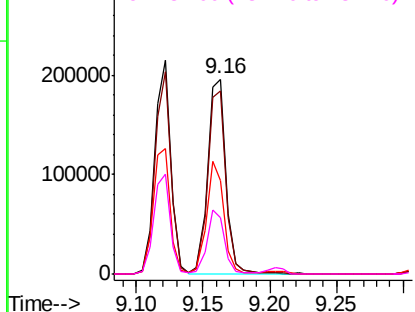


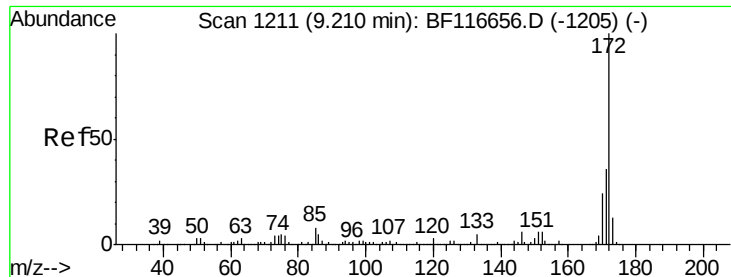
#44
 2,4,5-Trichlorophenol
 Concen: 46.650 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF116789.D
 Acq: 3 Sep 2019 23:40

Tgt Ion:196 Resp: 190121
 Ion Ratio Lower Upper
 196 100
 198 93.9 78.1 117.1
 97 48.1 41.6 62.4
 132 29.2 23.5 35.3



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

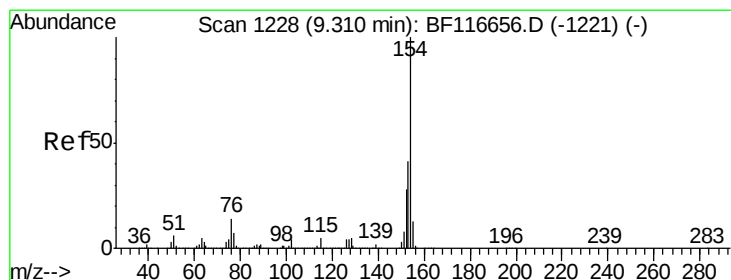
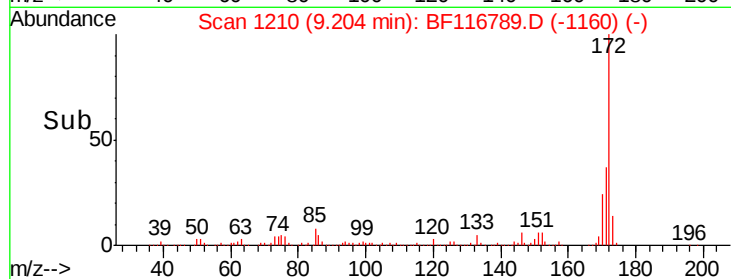
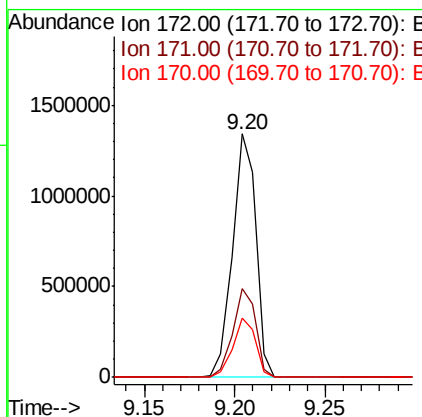
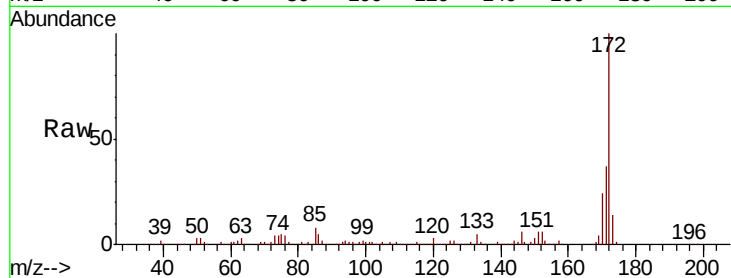




#45
2-Fluorobiphenyl
Concen: 84.995 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

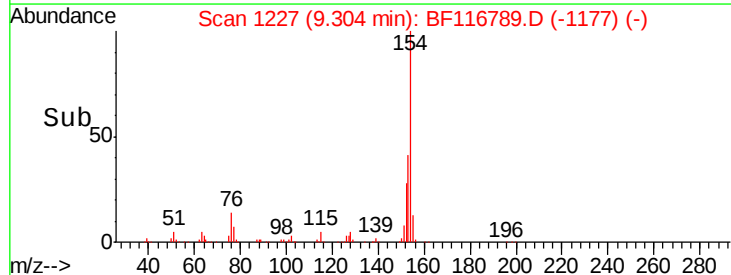
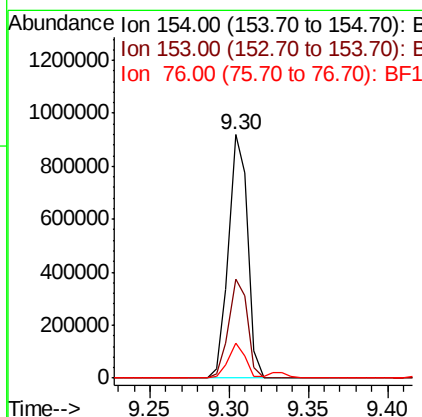
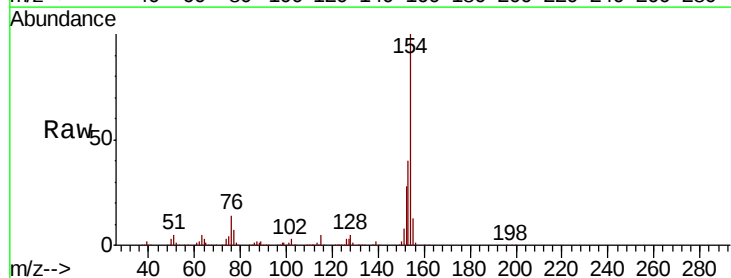
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

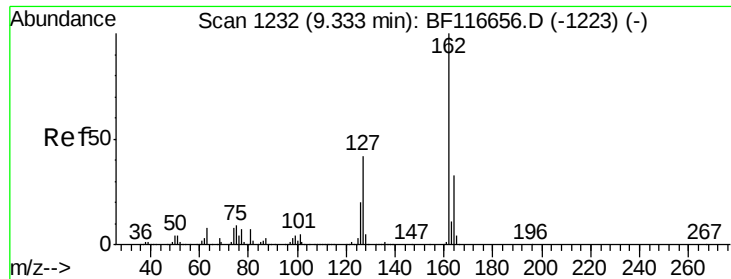
Tot Ion:172 Resp: 1203676
Ion Ratio Lower Upper
172 100
171 36.6 27.8 41.6
170 24.2 18.9 28.3



#46
1,1'-Biphenyl
Concen: 42.318 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Tgt Ion:154 Resp: 767119
Ion Ratio Lower Upper
154 100
153 40.5 21.2 61.2
76 14.3 0.0 30.9

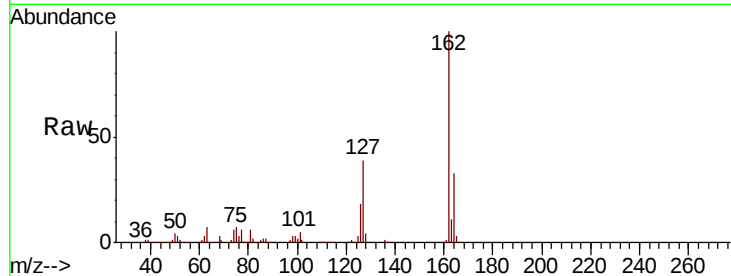




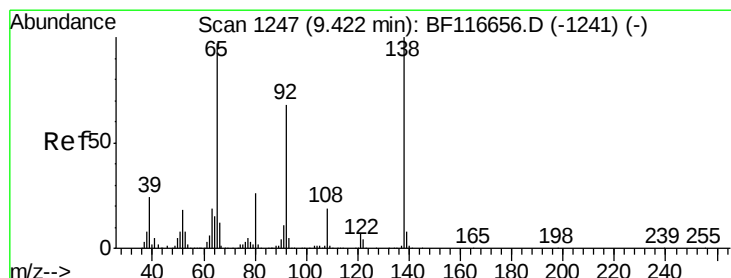
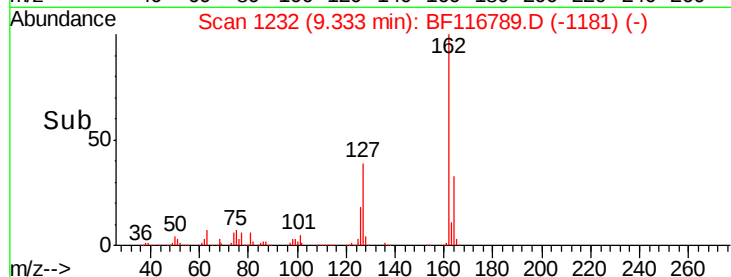
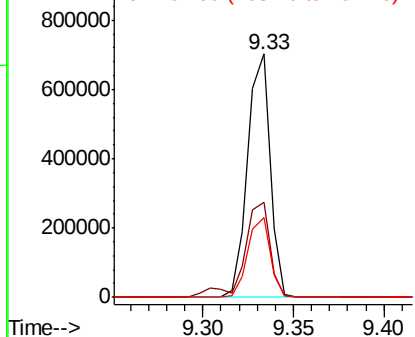
#47
2-Chloronaphthalene
Concen: 42.476 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	33.4	50.2
164	32.8	26.6	39.8

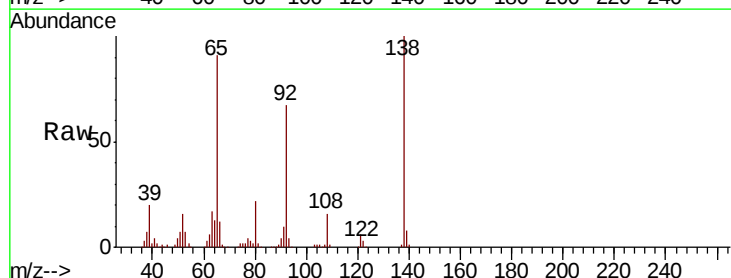


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

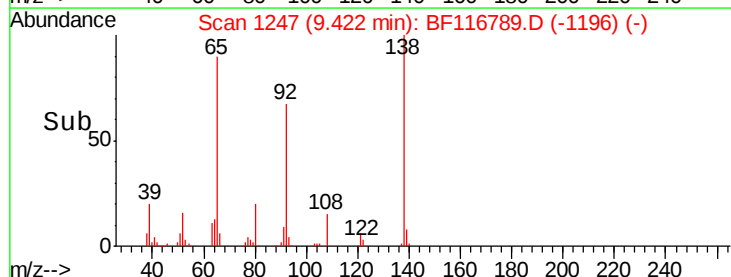
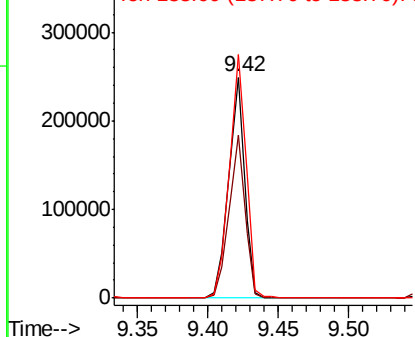


#48
2-Nitroaniline
Concen: 47.959 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.0	57.1	85.7
138	110.2	88.2	132.2



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: 42.954 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

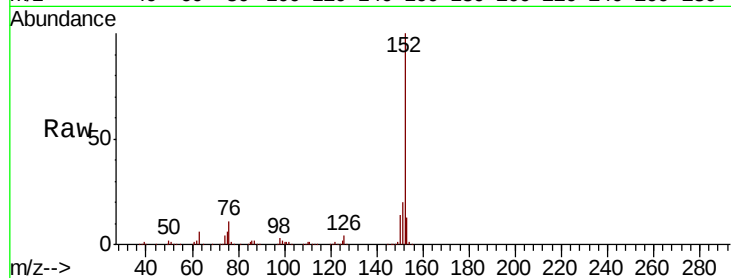
Tot Ion:152 Resp: 932259

Ion Ratio Lower Upper

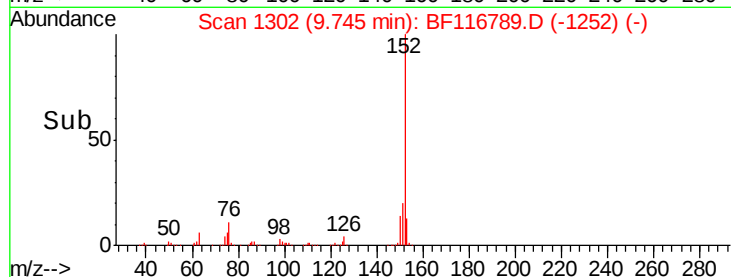
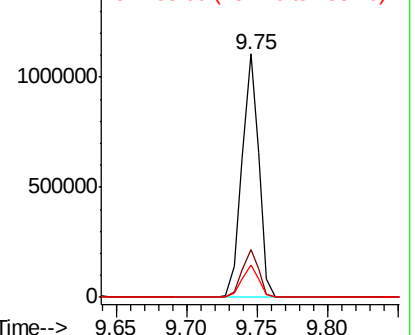
152 100

151 19.7 15.9 23.9

153 13.2 10.9 16.3



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: 42.042 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

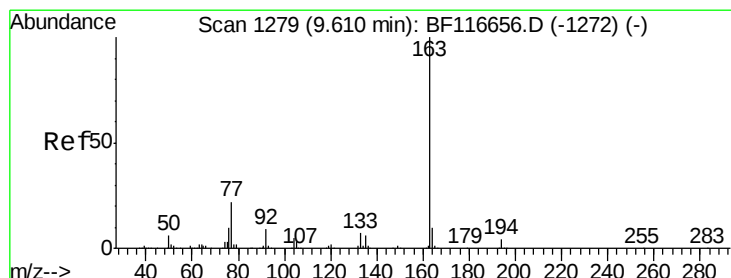
Tgt Ion:163 Resp: 693409

Ion Ratio Lower Upper

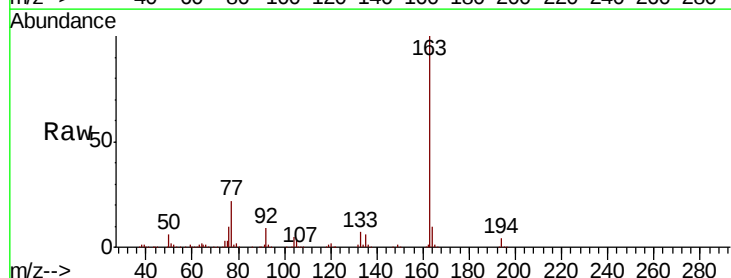
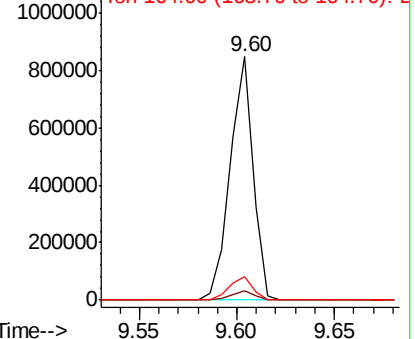
163 100

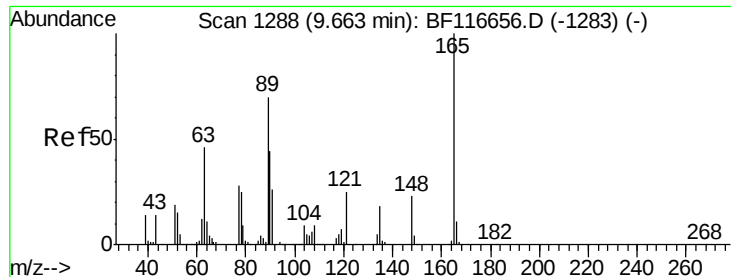
194 3.8 2.8 4.2

164 9.8 8.6 12.8



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

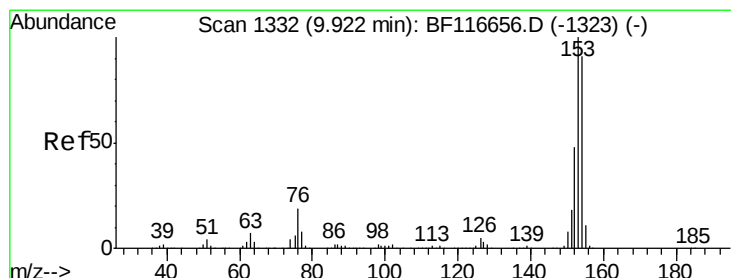
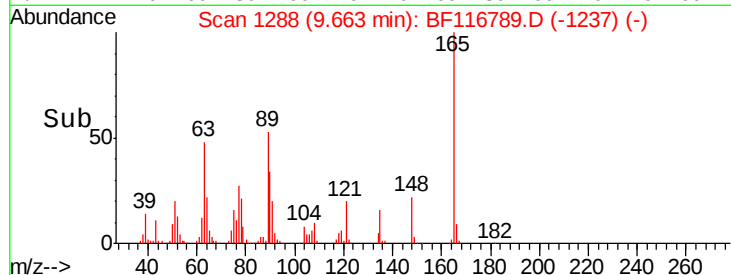
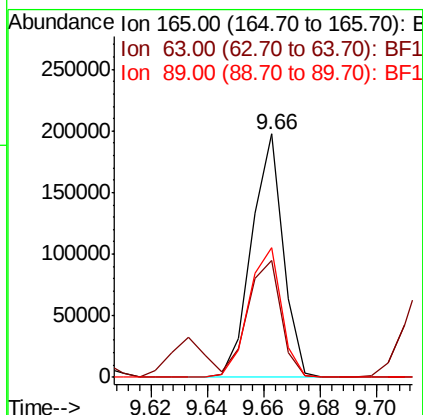
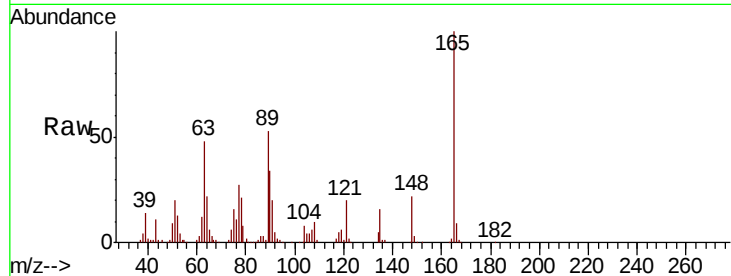




#51
 2,6-Dinitrotoluene
 Concen: 48.496 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: BF116789.D
 Acq: 3 Sep 2019 23:40

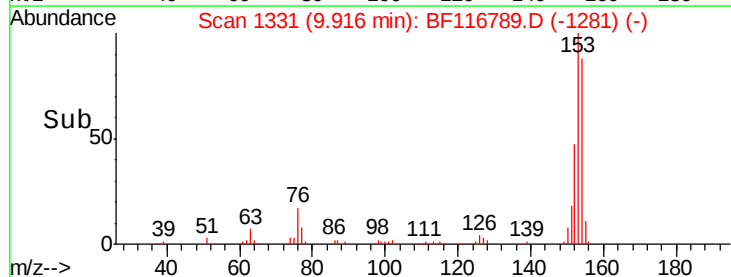
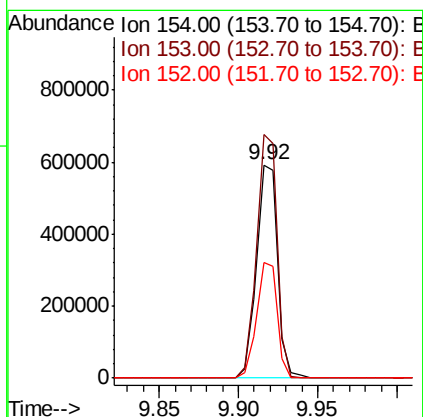
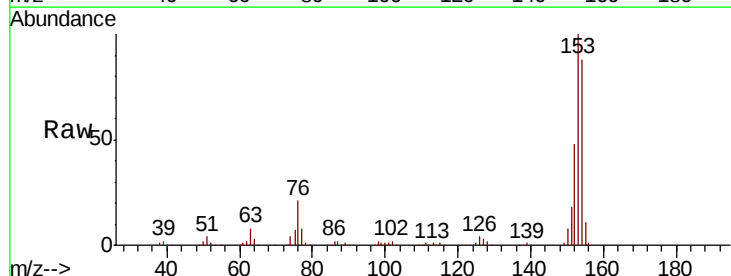
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.3	47.3	70.9
89	53.5	52.5	78.7



#52
 Acenaphthene
 Concen: 41.180 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF116789.D
 Acq: 3 Sep 2019 23:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.1	89.5	134.3
152	54.3	41.9	62.9

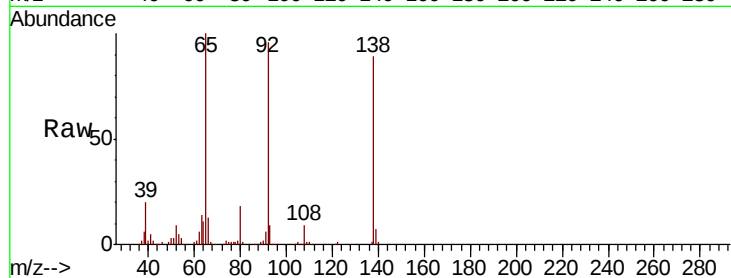




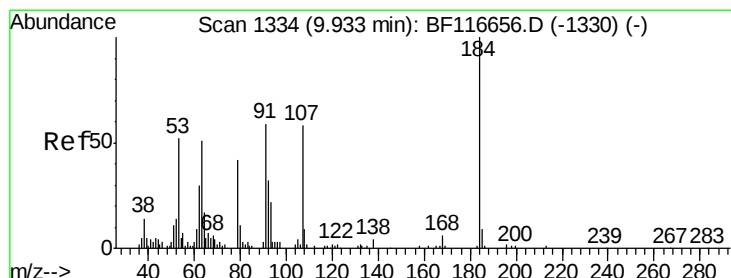
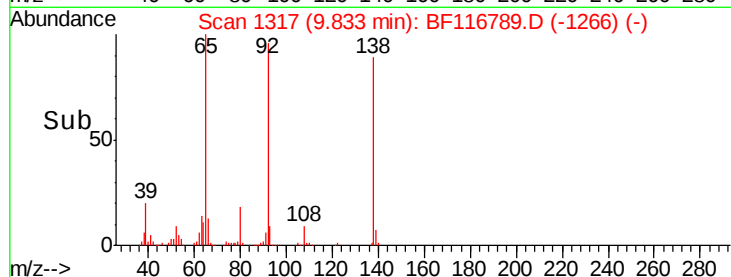
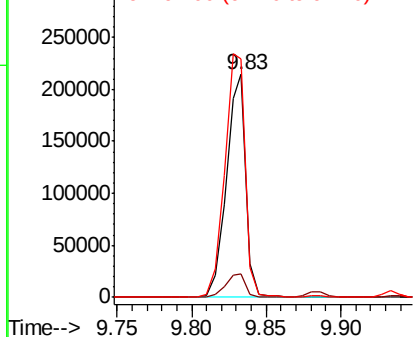
#53
3-Nitroaniline
Concen: 50.106 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 197596
Ion Ratio Lower Upper
138 100
108 10.6 8.5 12.7
92 107.4 87.2 130.8

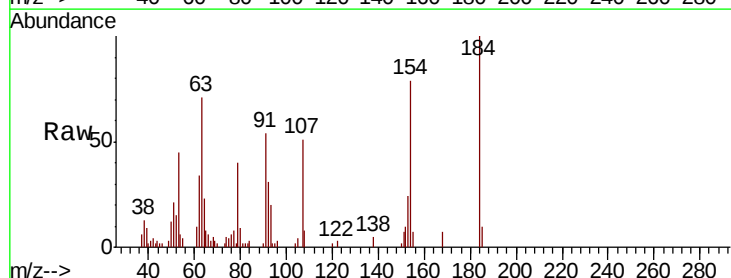


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

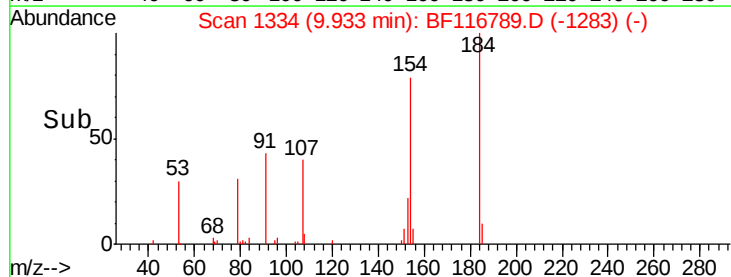
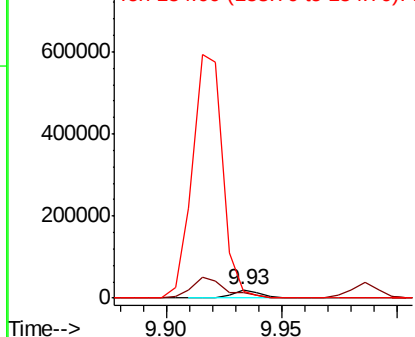


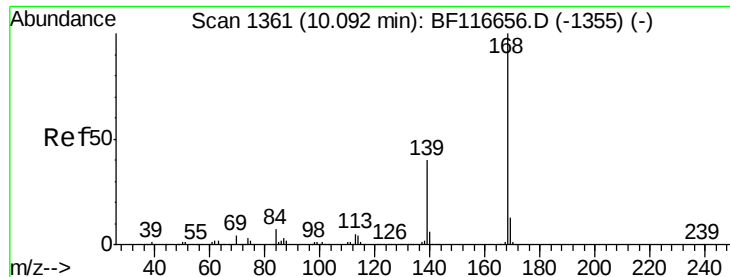
#54
2,4-Dinitrophenol
Concen: 22.735 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Tgt Ion:184 Resp: 17239
Ion Ratio Lower Upper
184 100
63 71.5 52.2 78.2
154 78.5 60.8 91.2



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

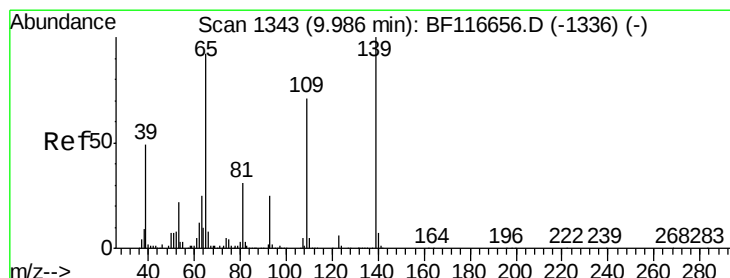
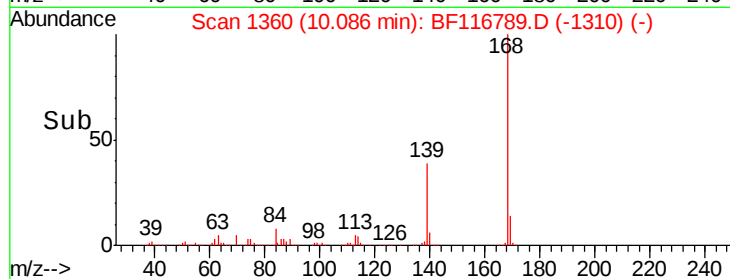
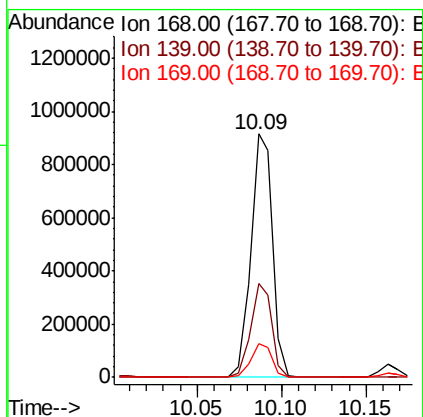
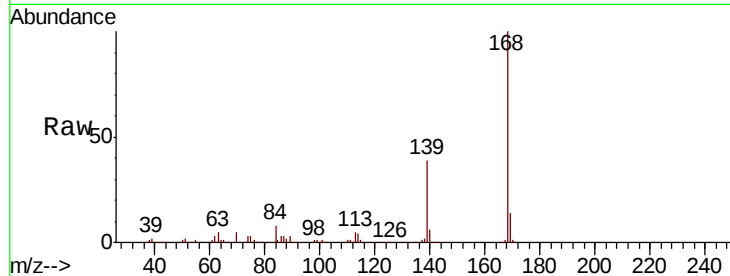




#55
Dibenzofuran
Concen: 43.554 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

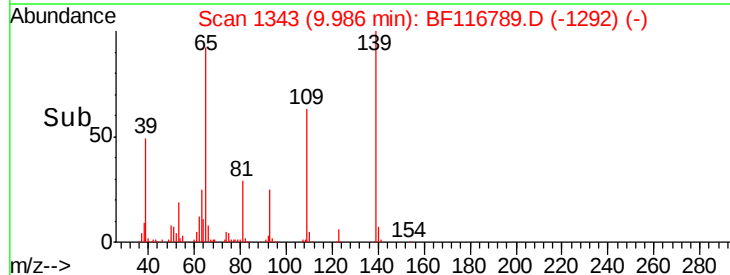
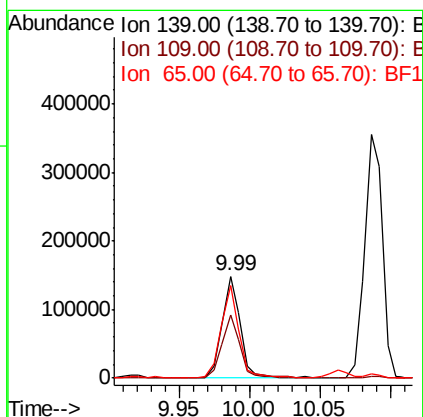
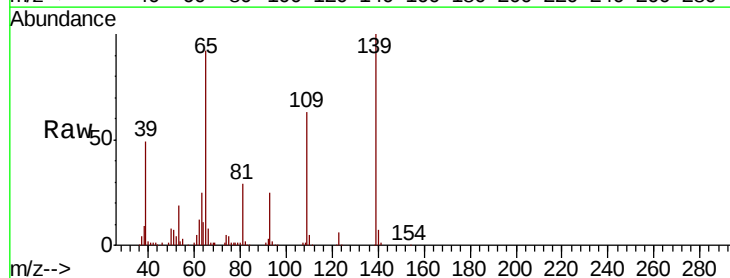
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	31.5	47.3
169	14.1	10.3	15.5



#56
4-Nitrophenol
Concen: 49.802 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.5	61.7	101.7
65	91.6	89.1	129.1

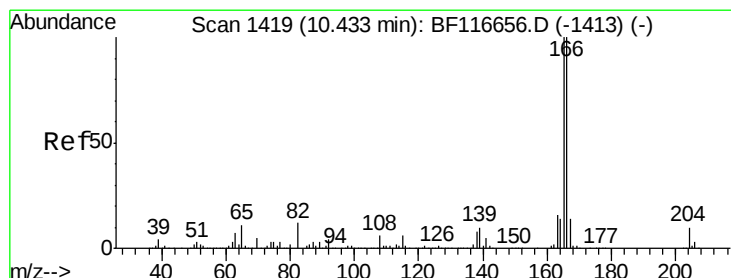
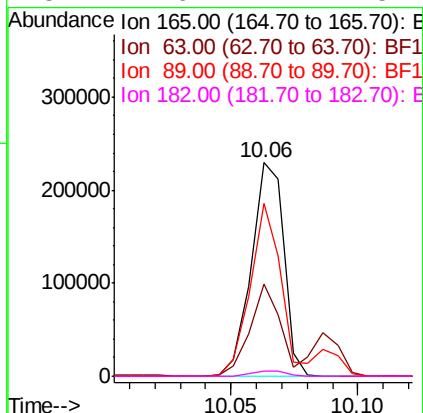
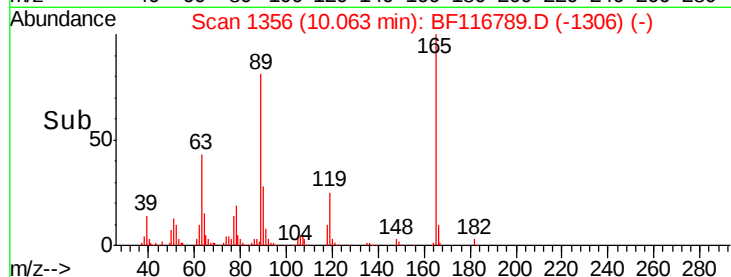
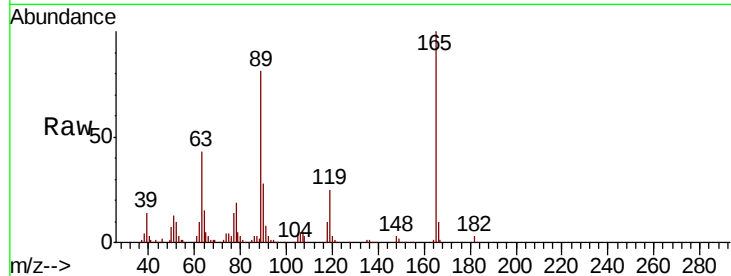




#57
2,4-Dinitrotoluene
Concen: 53.517 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

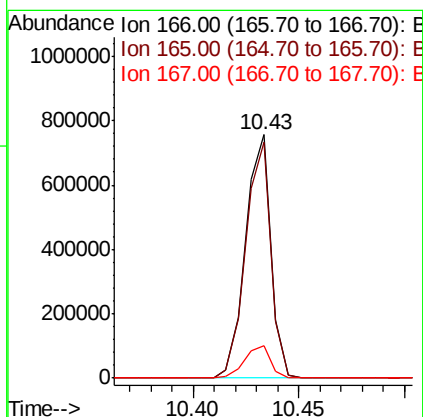
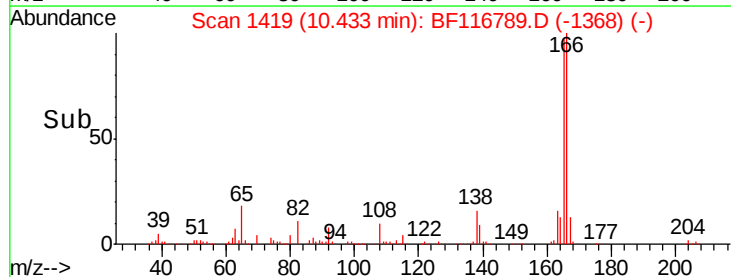
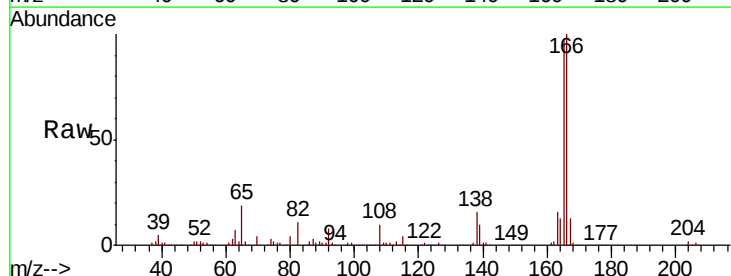
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

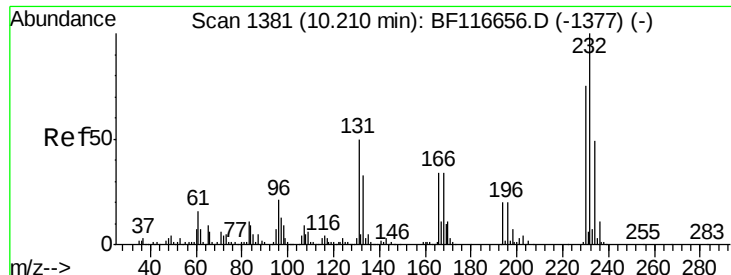
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.4	36.4	54.6
89	80.6	62.6	94.0
182	2.6	2.1	3.1



#58
Fluorene
Concen: 43.933 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.8	118.2
167	13.1	10.0	15.0

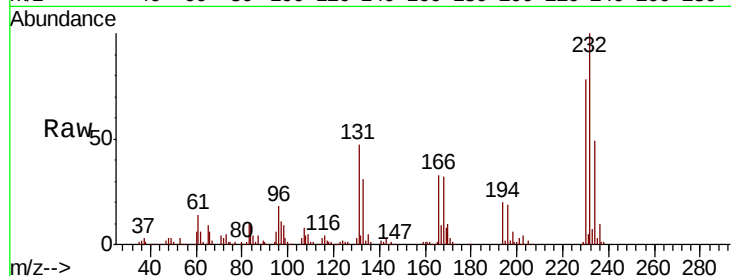




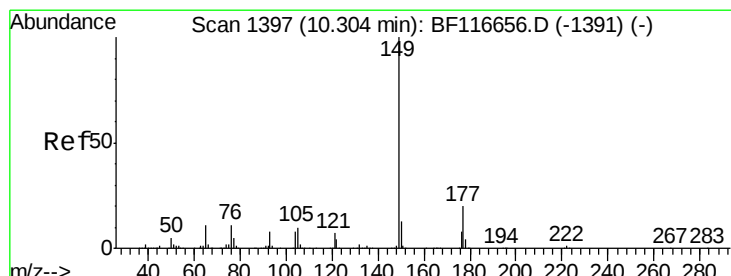
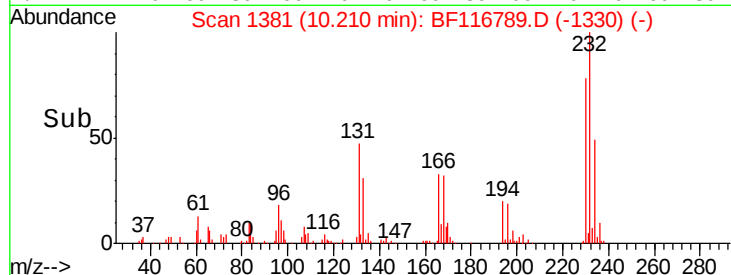
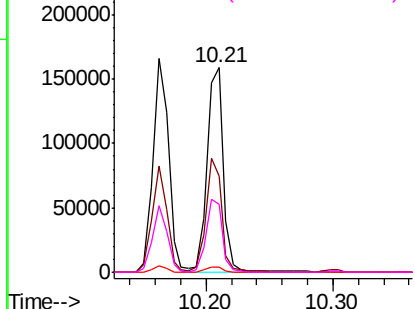
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.823 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF116789.D
 Acq: 3 Sep 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232 Resp: 143605
 Ion Ratio Lower Upper
 232 100
 131 52.4 42.7 64.1
 130 2.6 1.9 2.9
 166 35.3 27.4 41.2

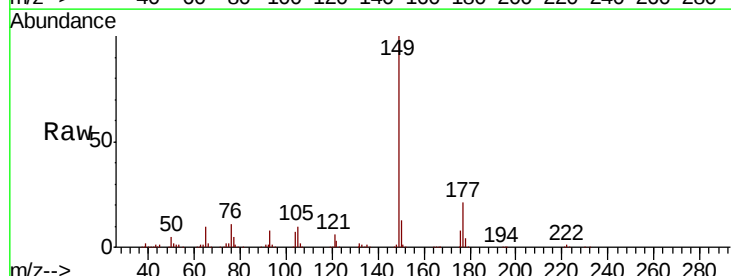


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

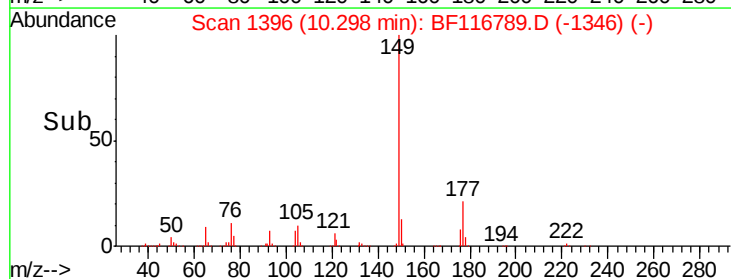
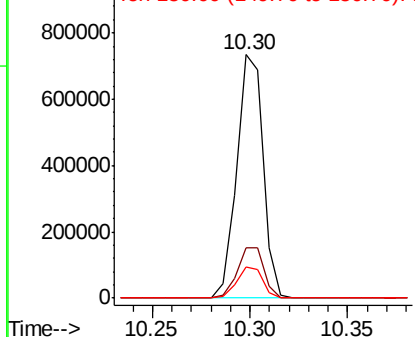


#60
 Diethylphthalate
 Concen: 41.516 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF116789.D
 Acq: 3 Sep 2019 23:40

Tgt Ion:149 Resp: 685892
 Ion Ratio Lower Upper
 149 100
 177 20.7 17.2 25.8
 150 12.7 9.7 14.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

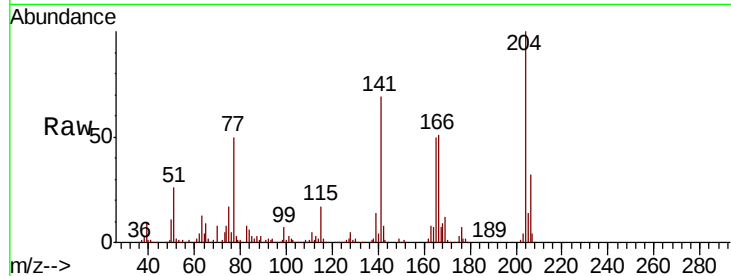




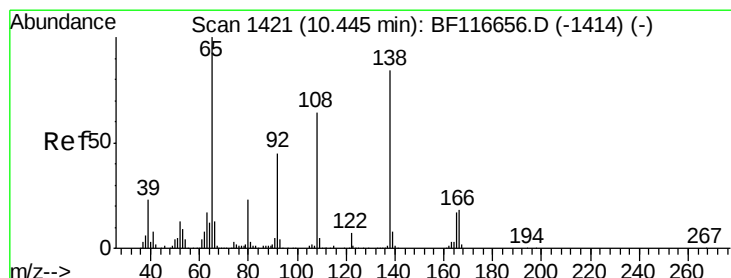
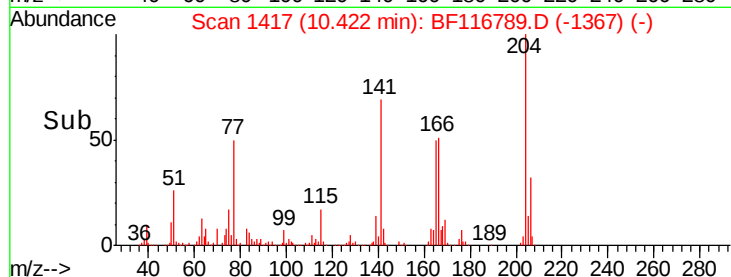
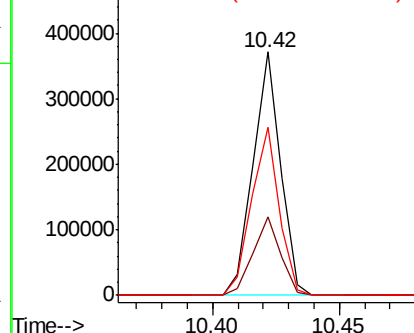
#61
4-Chlorophenyl-phenylether
Concen: 44.725 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 280536
Ion Ratio Lower Upper
204 100
206 32.1 25.4 38.2
141 68.9 53.8 80.8

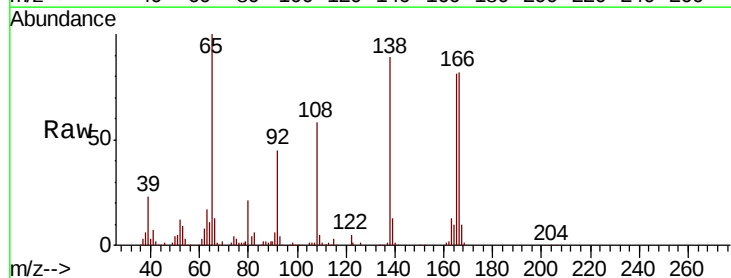


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

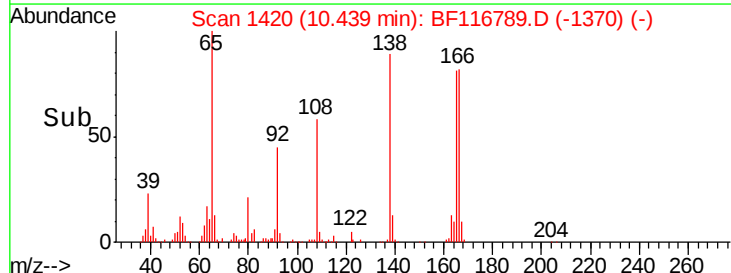
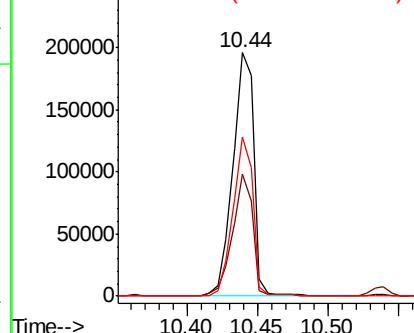


#62
4-Nitroaniline
Concen: 52.856 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Tgt Ion:138 Resp: 202283
Ion Ratio Lower Upper
138 100
92 50.1 28.7 68.7
108 65.5 60.4 100.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

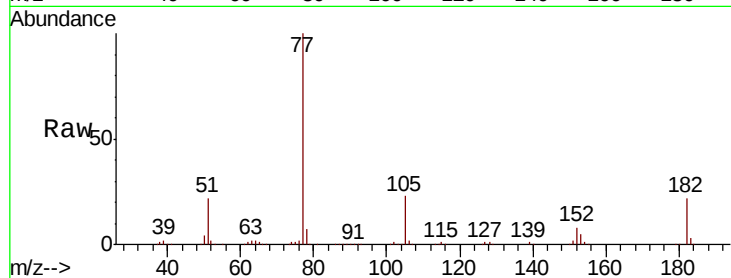




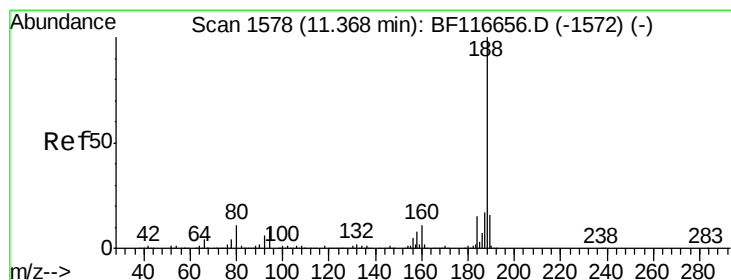
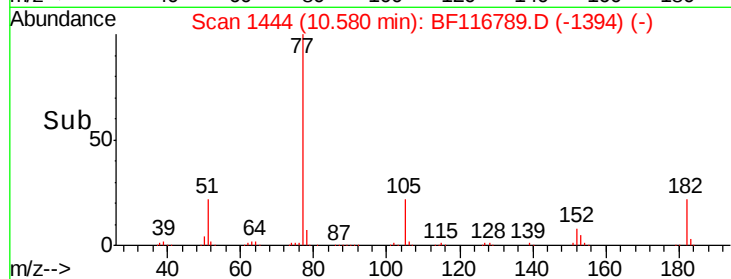
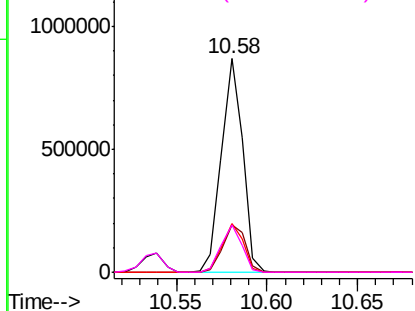
#63
Azobenzene
Concen: 41.127 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	77	Resp:	708496
Ion	Ratio	Lower	Upper
77	100		
182	22.1	1.2	41.2
105	22.9	0.6	40.6
51	22.3	8.2	48.2

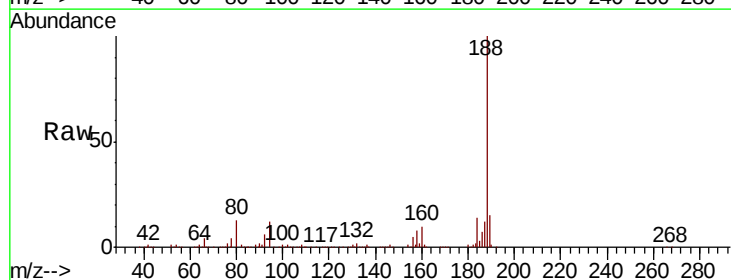


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

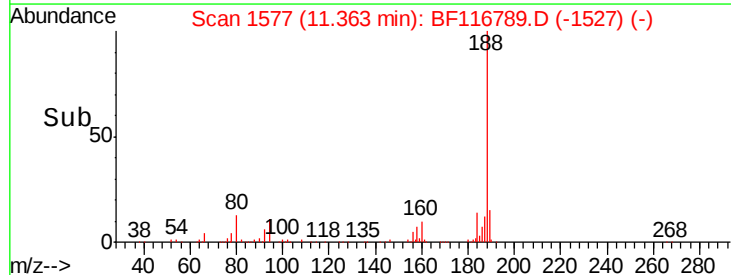
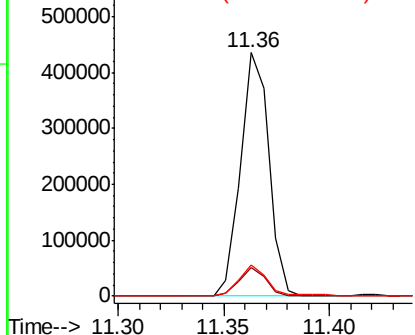


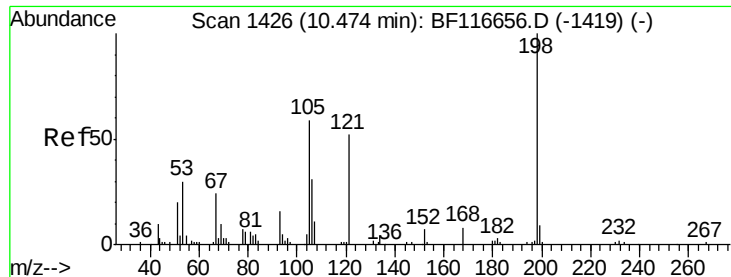
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Tgt Ion:	188	Resp:	404676
Ion	Ratio	Lower	Upper
188	100		
94	11.9	7.3	10.9#
80	12.8	8.4	12.6#



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

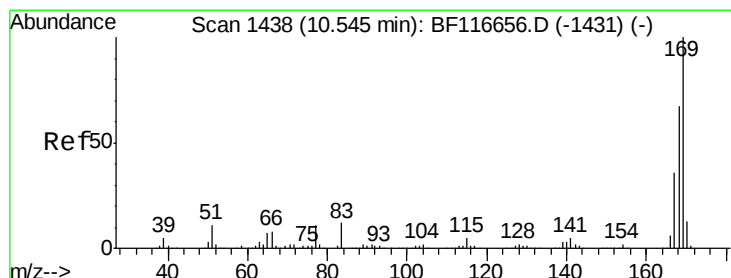
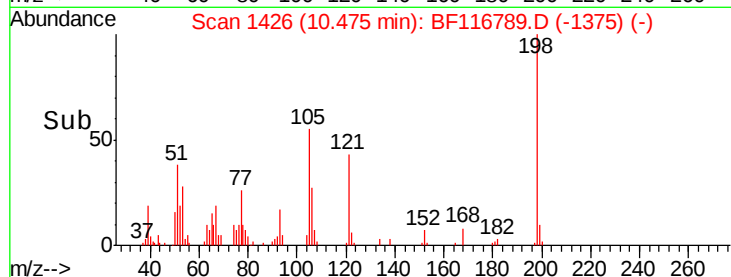
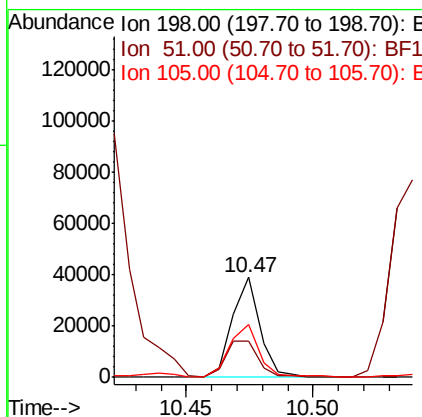
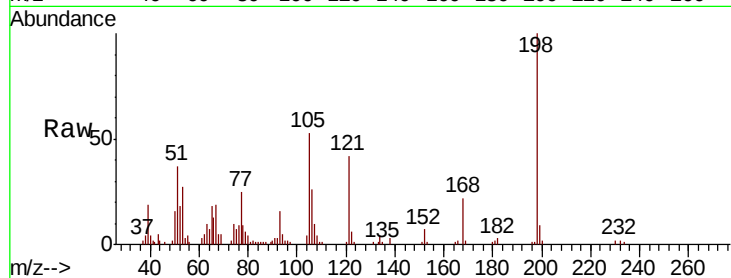




#65
 4,6-Dinitro-2-methylphenol
 Concen: 24.286 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF116789.D
 Acq: 3 Sep 2019 23:40

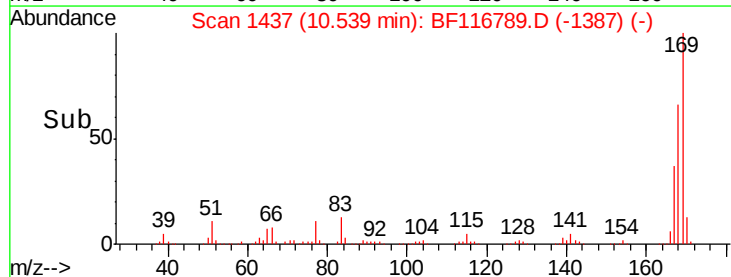
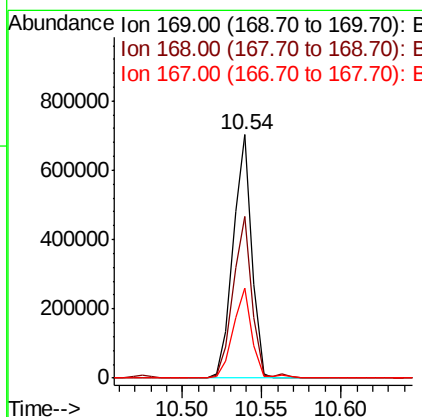
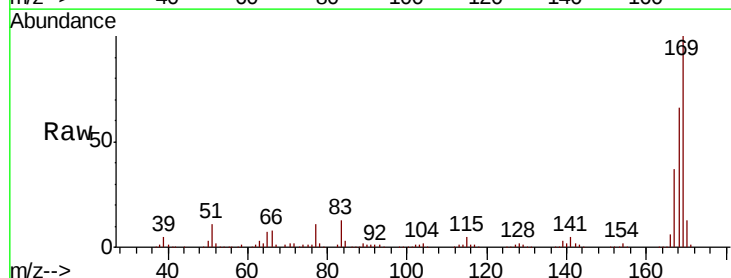
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

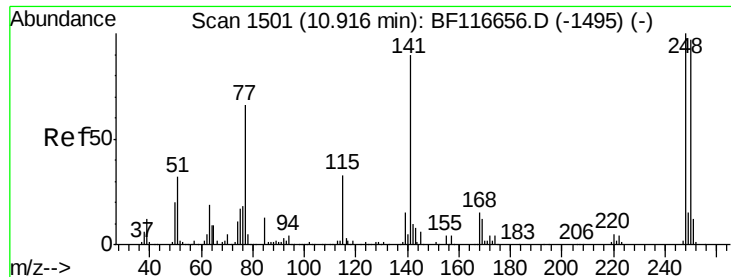
Tot Ion:198 Resp: 29701
 Ion Ratio Lower Upper
 198 100
 51 36.9 18.4 58.4
 105 52.9 22.9 62.9



#66
 n-Nitrosodiphenylamine
 Concen: 40.851 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF116789.D
 Acq: 3 Sep 2019 23:40

Tgt Ion:169 Resp: 571873
 Ion Ratio Lower Upper
 169 100
 168 66.3 55.8 83.6
 167 36.8 29.4 44.2

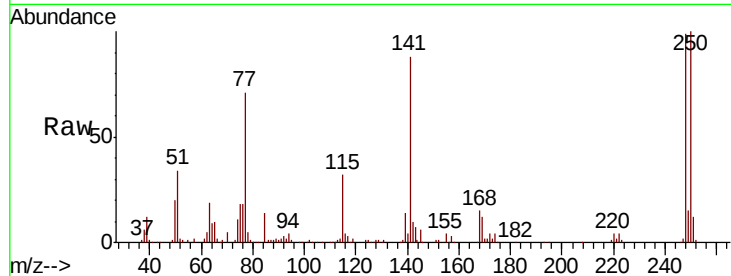




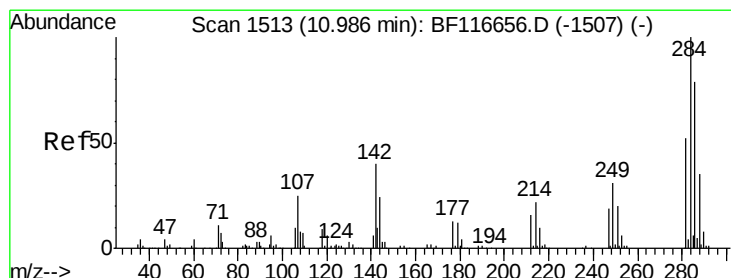
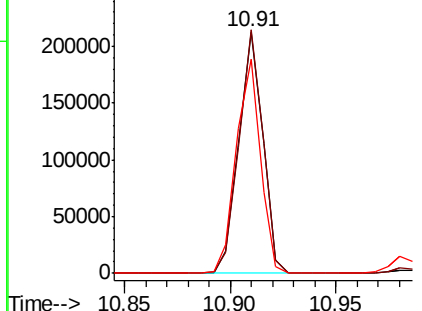
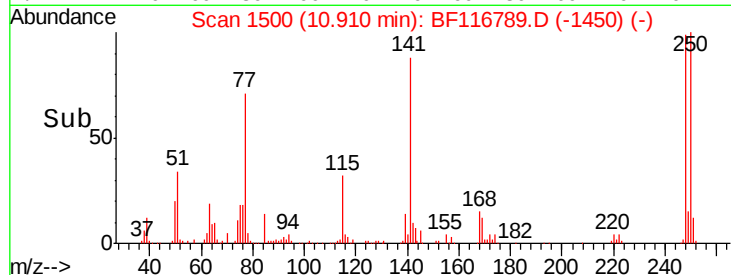
#67
 4-Bromophenyl-phenylether
 Concen: 40.698 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF116789.D
 Acq: 3 Sep 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.9	77.8	116.8
141	89.0	75.9	113.9

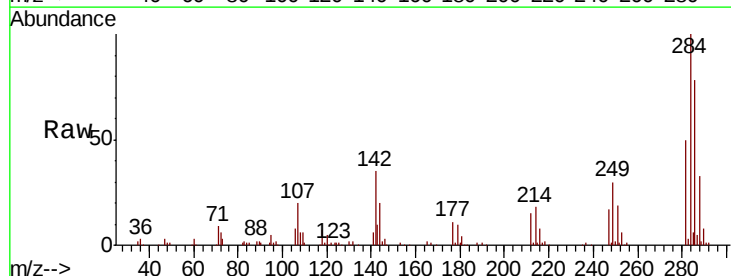


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

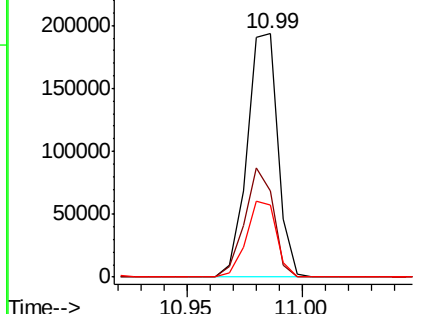
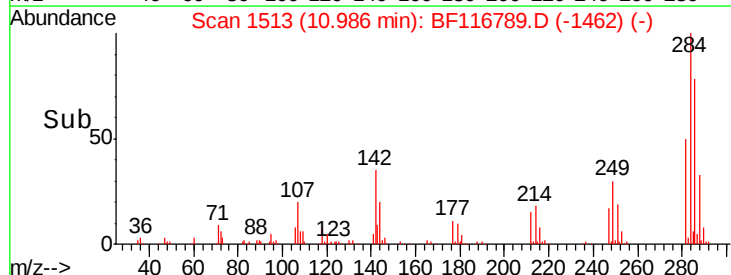


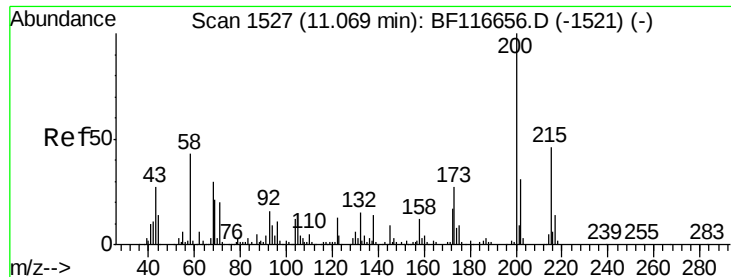
#68
 Hexachlorobenzene
 Concen: 42.053 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: BF116789.D
 Acq: 3 Sep 2019 23:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	34.0	51.0
249	29.8	26.4	39.6



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: 40.437 ng

RT: 11.06 min Scan# 1526

Delta R.T. -0.01 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

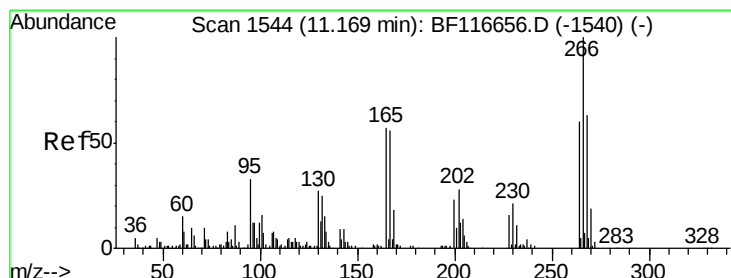
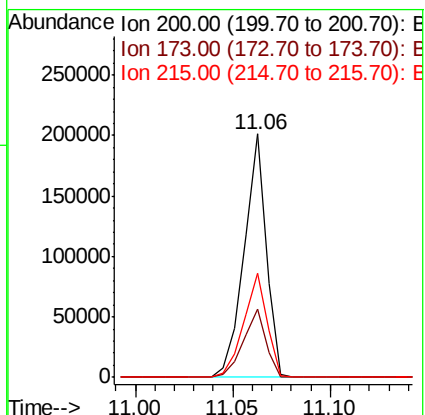
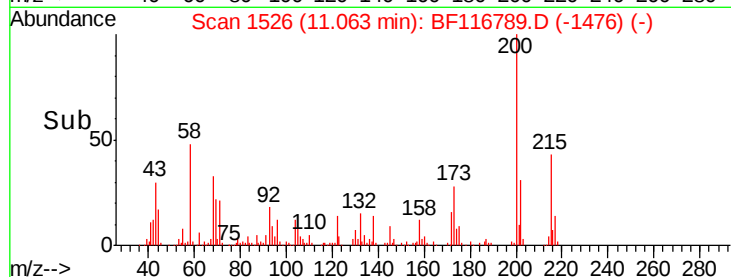
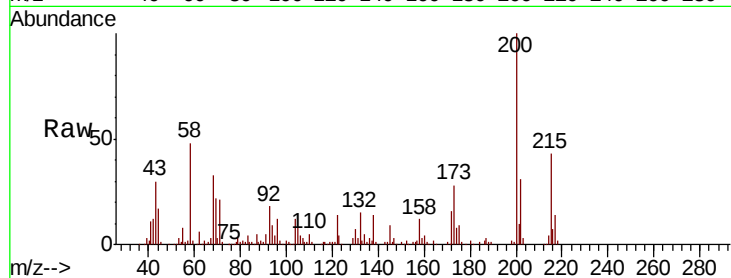
Tot Ion:200 Resp: 158543

Ion Ratio Lower Upper

200 100

173 27.9 6.2 46.2

215 43.0 24.3 64.3



#70

Pentachlorophenol

Concen: 44.277 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

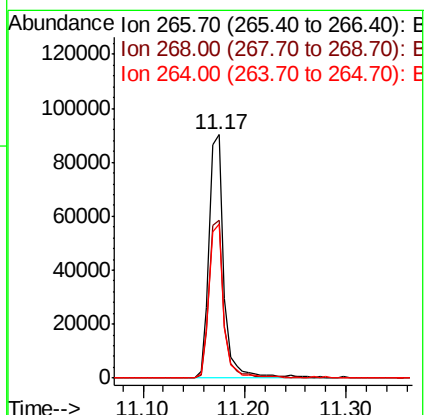
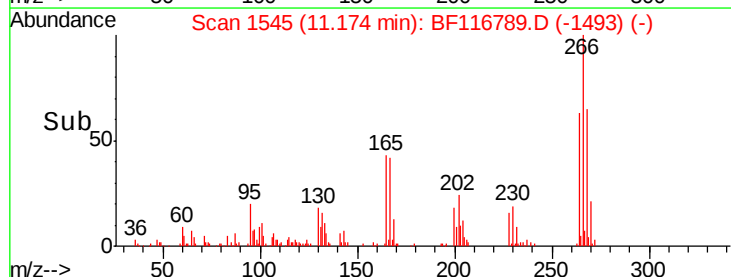
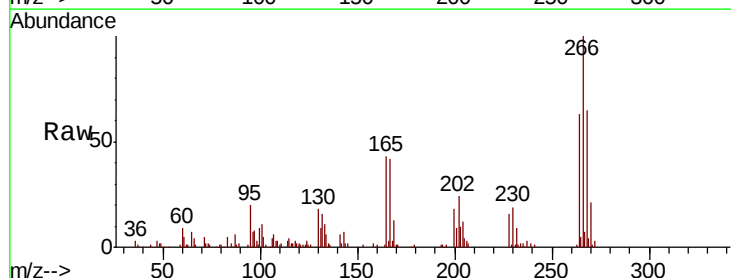
Tgt Ion:266 Resp: 92125

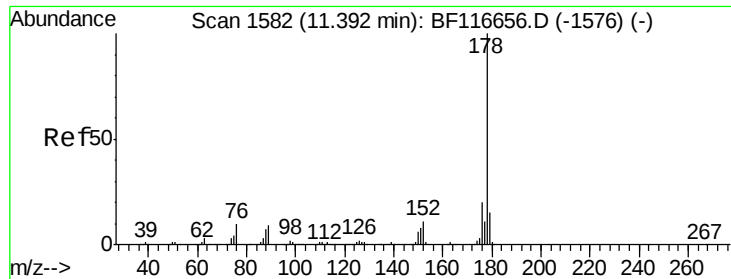
Ion Ratio Lower Upper

266 100

268 64.7 51.2 76.8

264 63.0 51.9 77.9

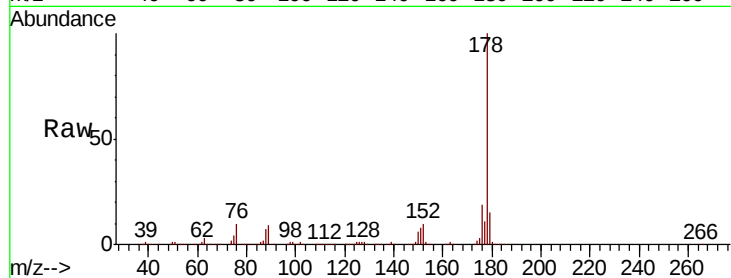




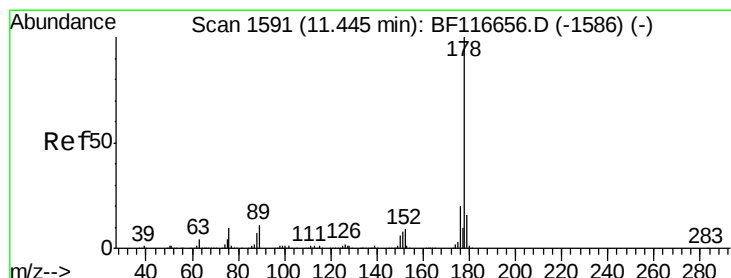
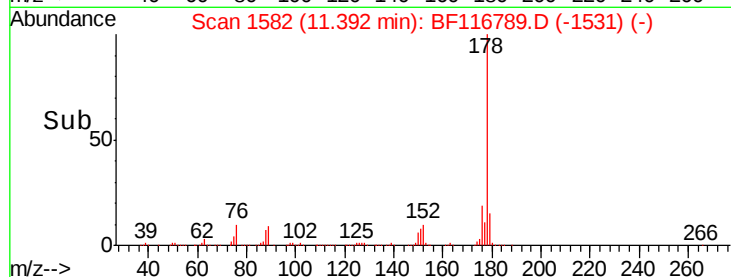
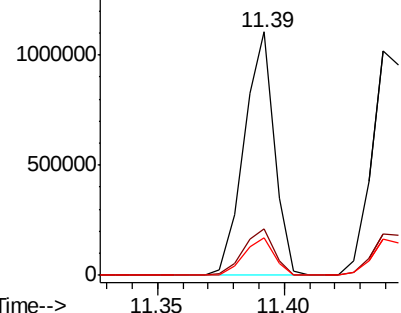
#71
Phenanthrene
Concen: 40.905 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 921470
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.4 12.2 18.2

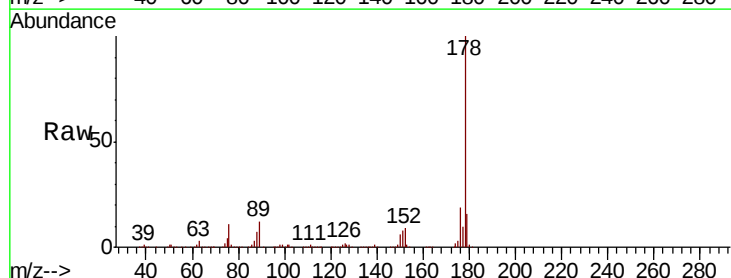


Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

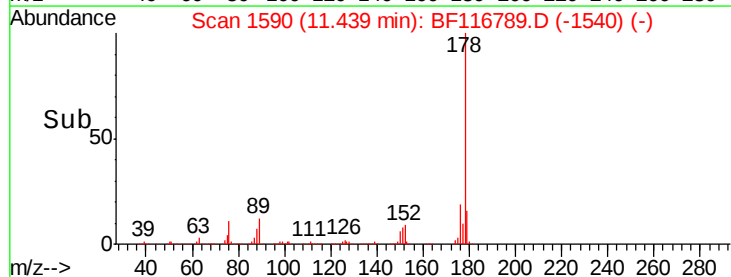
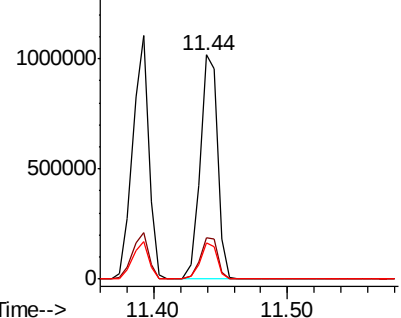


#72
Anthracene
Concen: 41.582 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Tgt Ion:178 Resp: 942932
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 16.1 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

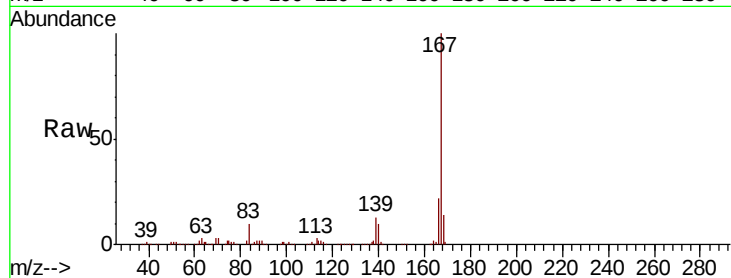




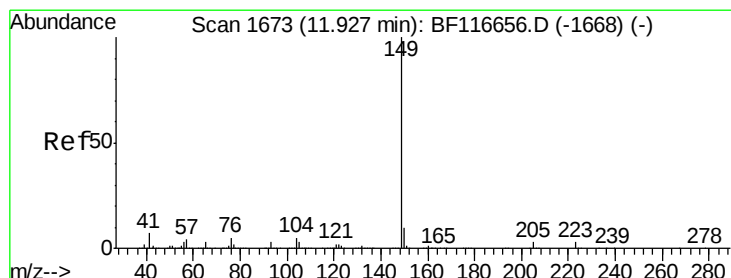
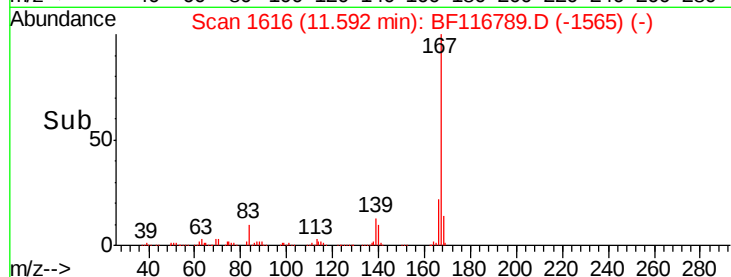
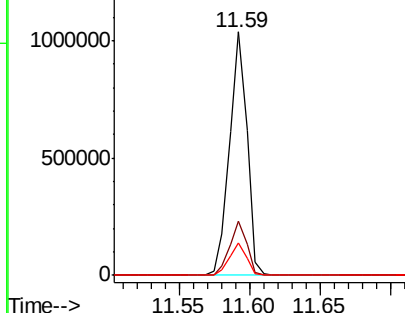
#73
 Carbazole
 Concen: 41.438 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF116789.D
 Acq: 3 Sep 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	13.4	11.1	16.7

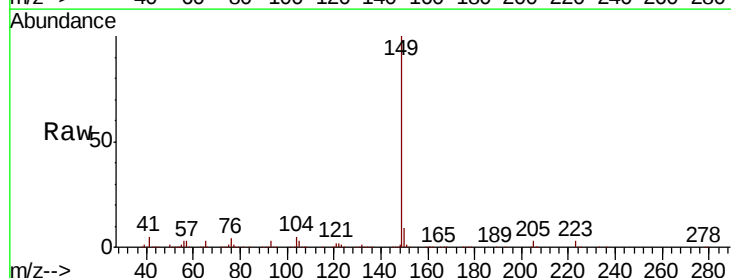


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

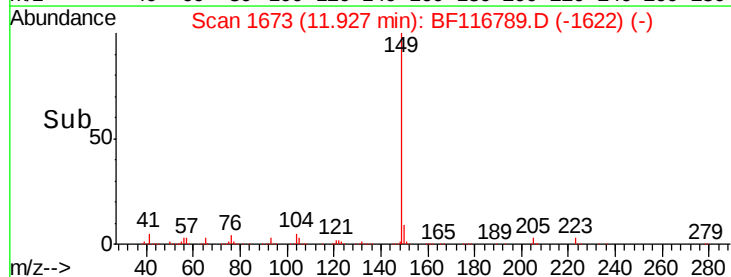
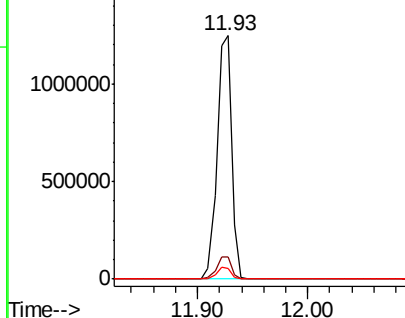


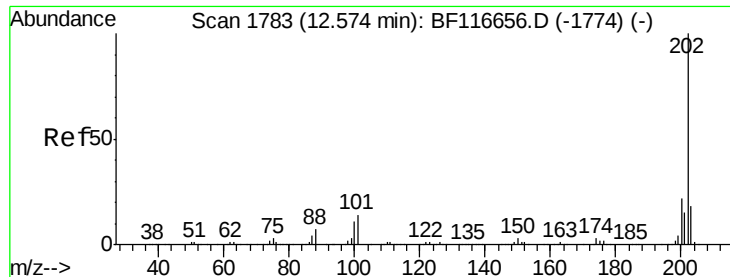
#74
 Di-n-butylphthalate
 Concen: 41.114 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BF116789.D
 Acq: 3 Sep 2019 23:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	4.5	4.2	6.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.159 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

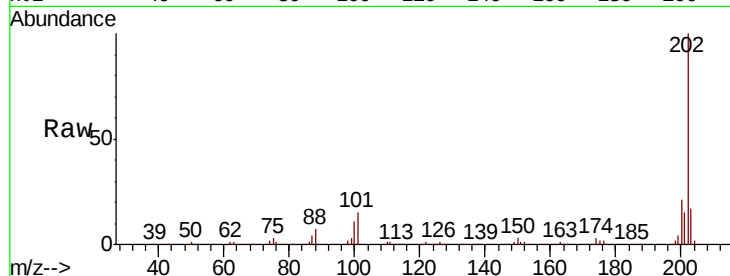
Tot Ion:202 Resp: 889051

Ion Ratio Lower Upper

202 100

101 14.5 0.0 31.3

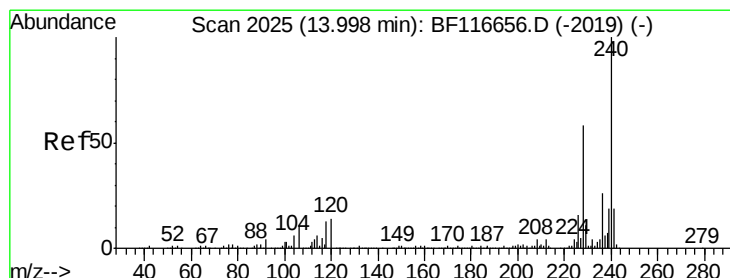
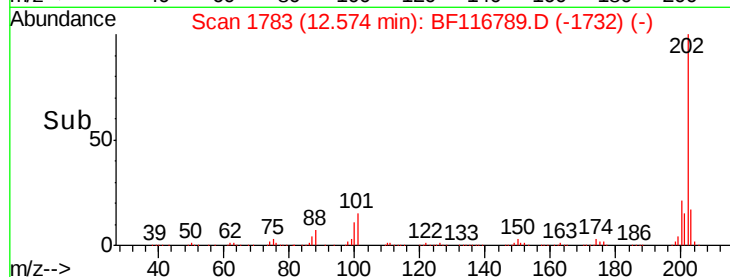
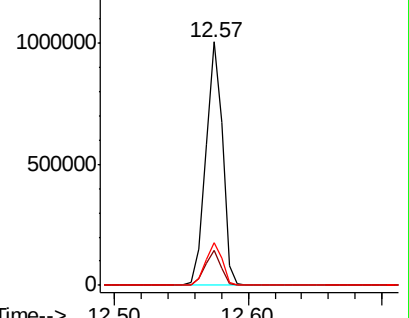
203 17.5 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

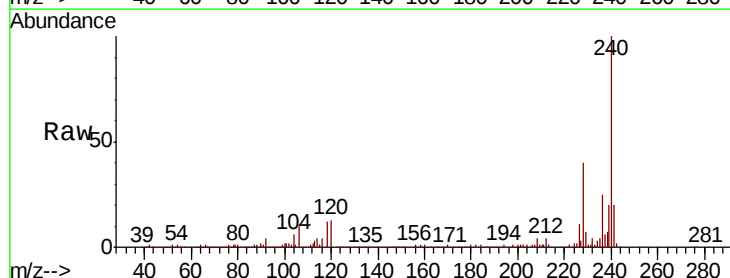
Tgt Ion:240 Resp: 245345

Ion Ratio Lower Upper

240 100

120 13.2 9.1 13.7

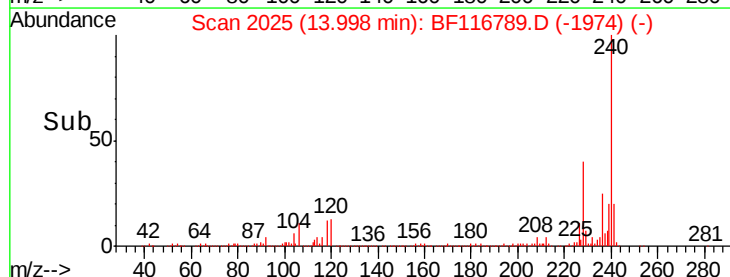
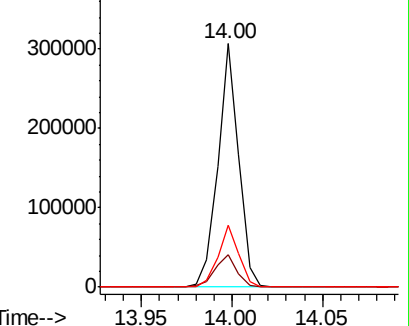
236 25.4 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.808 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

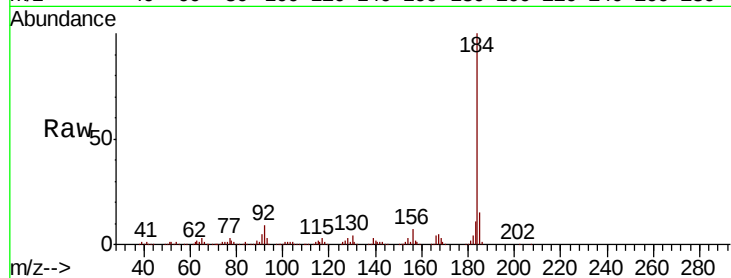
Tot Ion:184 Resp: 421567

Ion Ratio Lower Upper

184 100

185 15.2 11.3 16.9

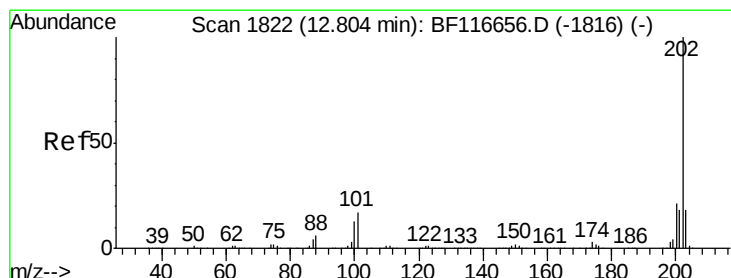
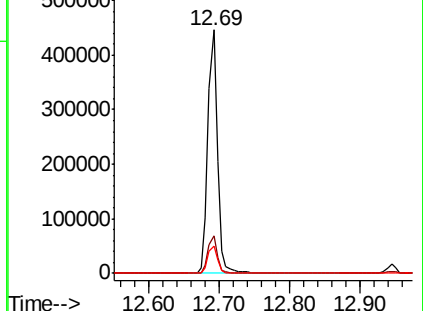
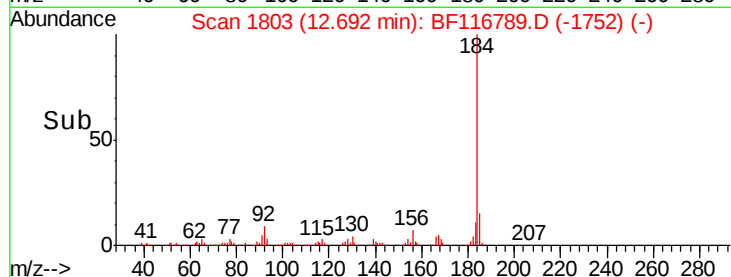
183 11.5 9.2 13.8



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: 40.731 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

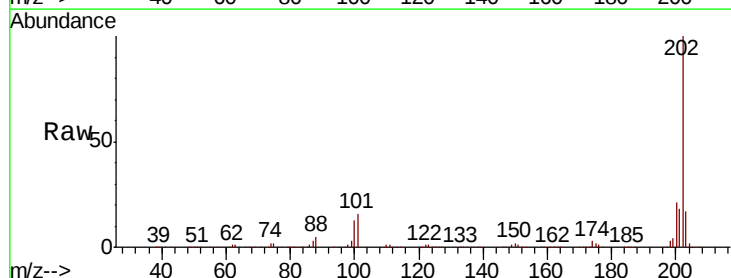
Tgt Ion:202 Resp: 888329

Ion Ratio Lower Upper

202 100

200 21.4 16.5 24.7

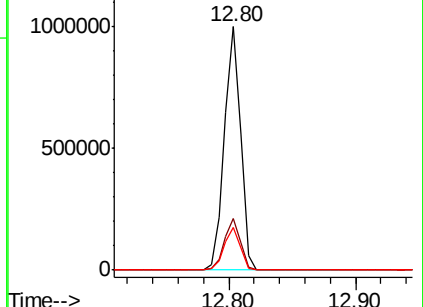
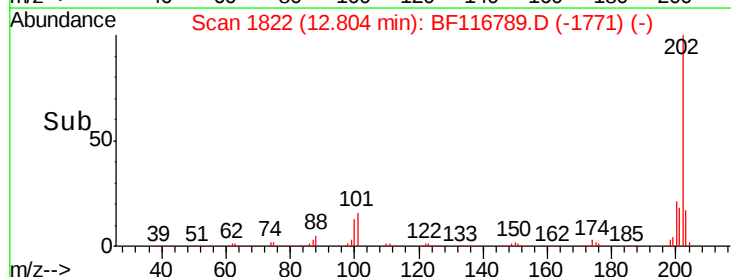
203 17.4 13.7 20.5



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: 85.408 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

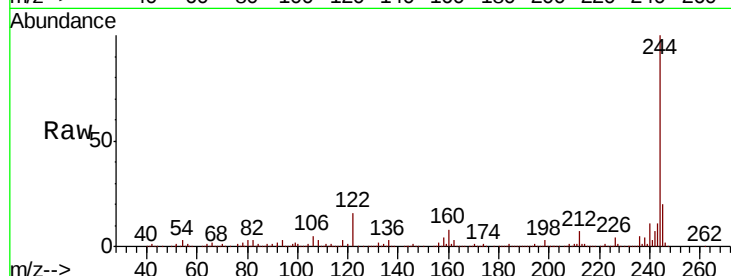
Tot Ion:244 Resp: 1132712

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

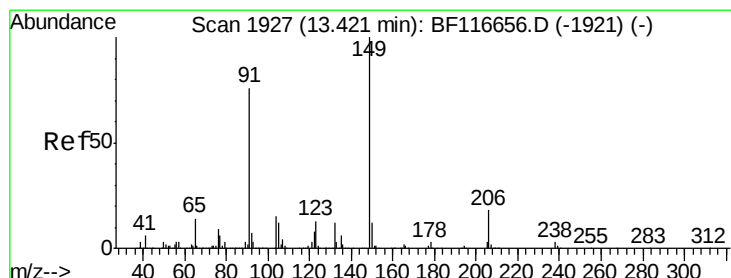
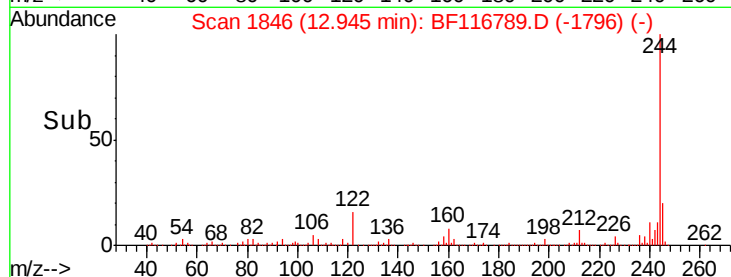
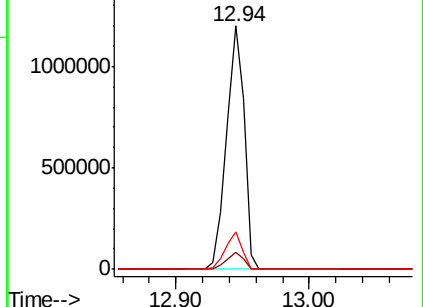
122 15.6 10.2 15.4#



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: 43.360 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

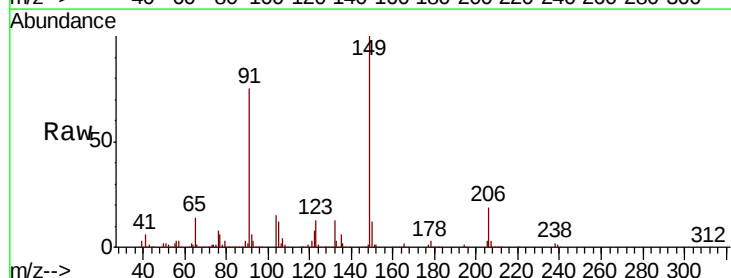
Tgt Ion:149 Resp: 459876

Ion Ratio Lower Upper

149 100

91 75.0 61.0 91.4

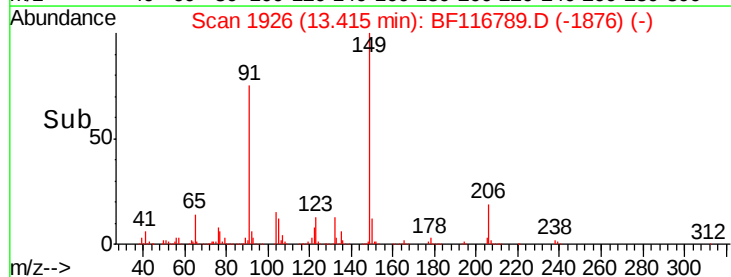
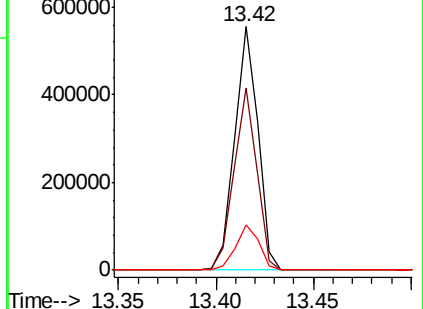
206 18.5 14.8 22.2

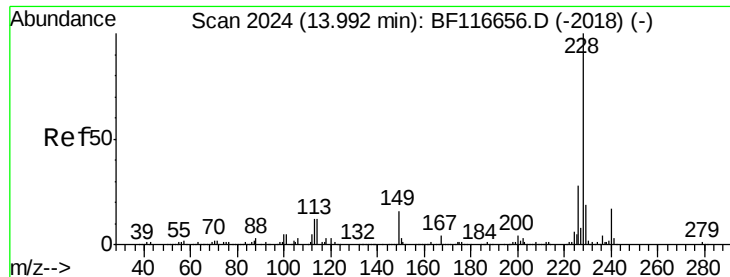


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.334 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

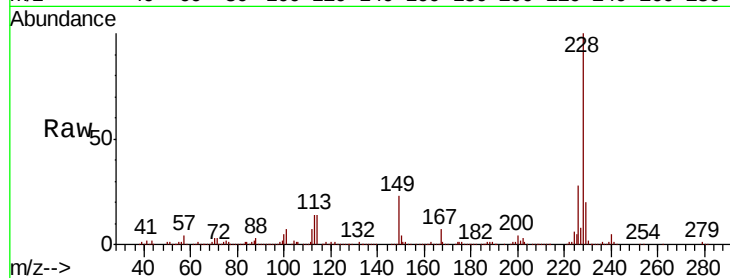
Tot Ion:228 Resp: 657348

Ion Ratio Lower Upper

228 100

226 27.7 22.0 33.0

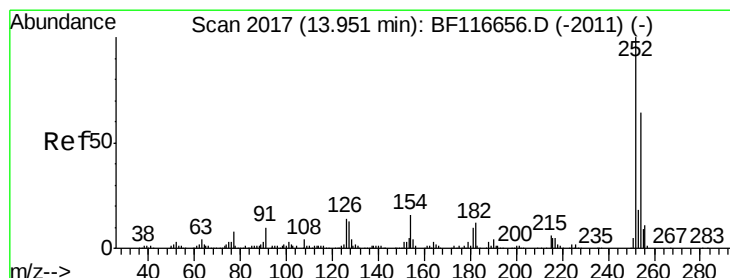
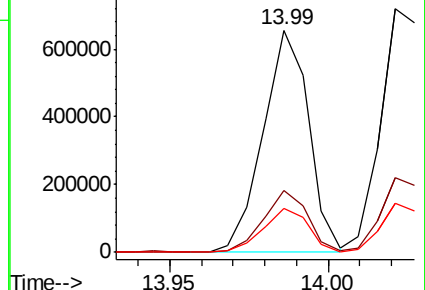
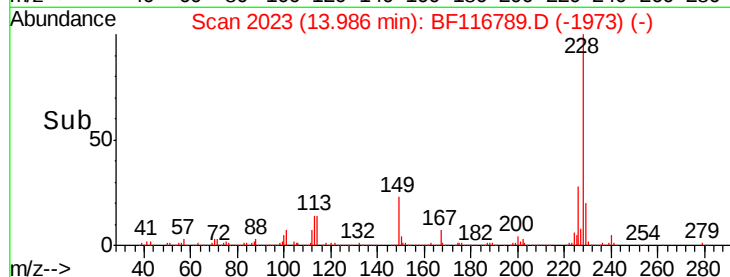
229 19.7 16.4 24.6



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: 45.117 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

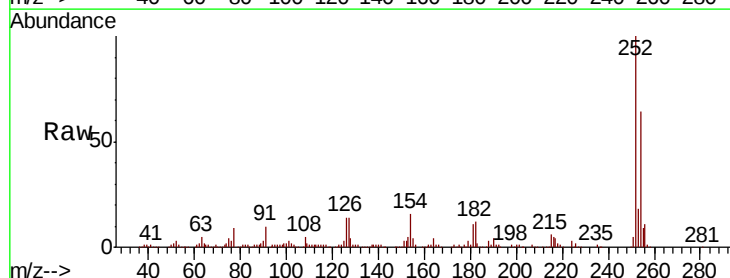
Tgt Ion:252 Resp: 236751

Ion Ratio Lower Upper

252 100

254 64.2 50.1 75.1

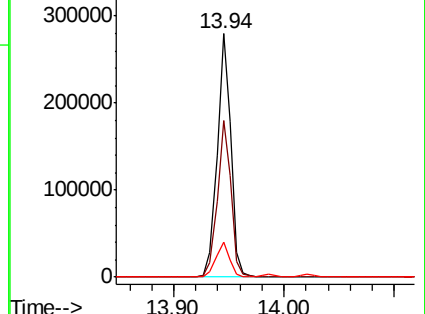
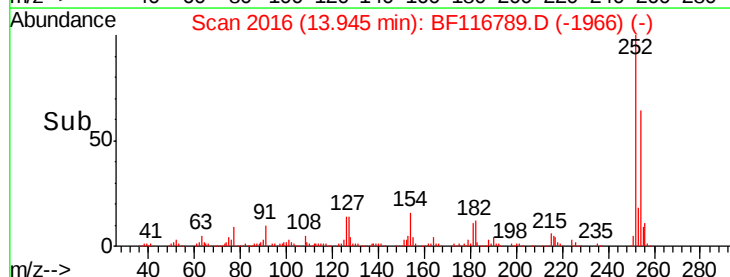
126 14.3 10.6 16.0

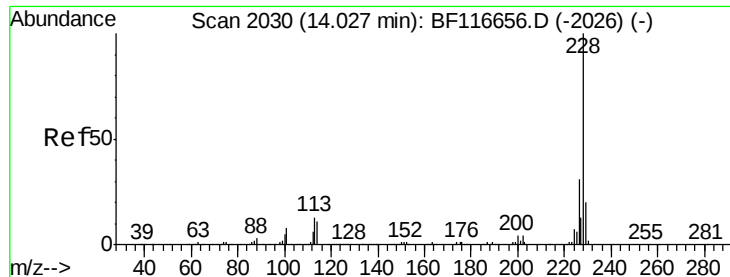


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.688 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

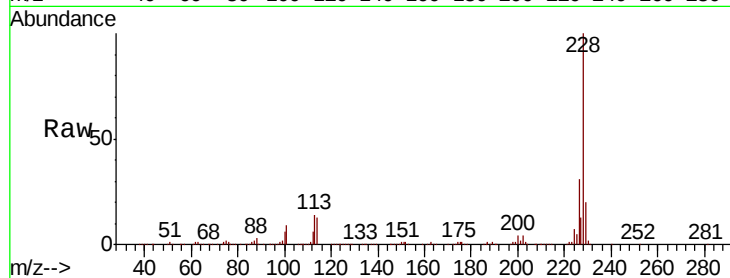
Tot Ion:228 Resp: 666897

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

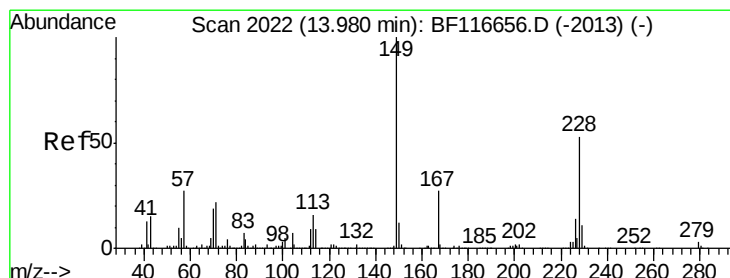
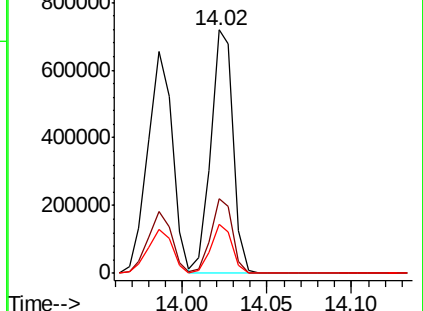
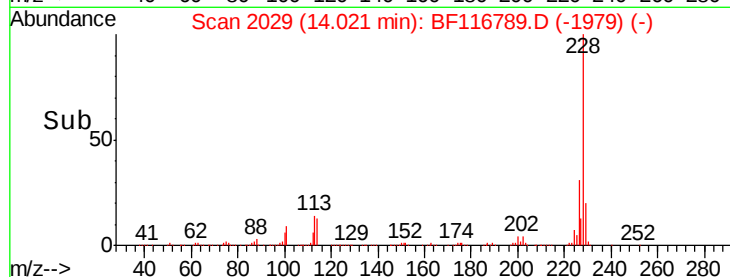
229 20.4 15.4 23.0



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: 47.065 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF116789.D

Acq: 3 Sep 2019 23:40

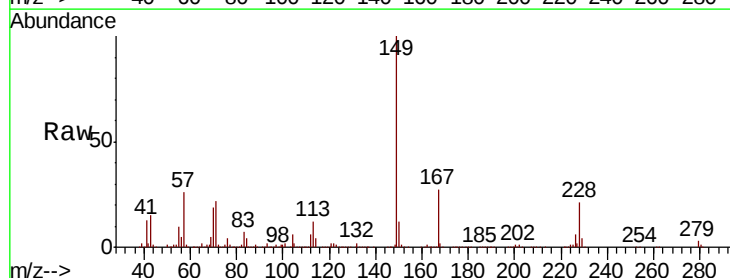
Tgt Ion:149 Resp: 616179

Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

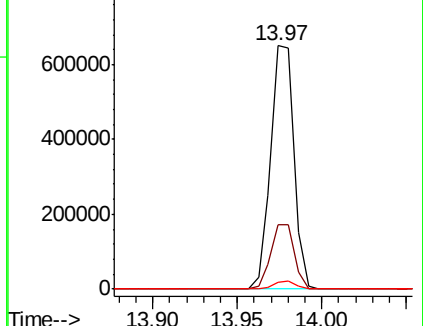
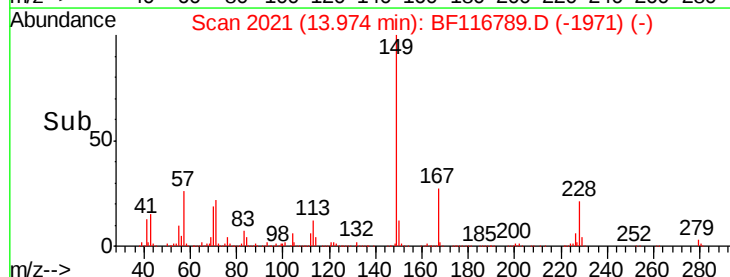
279 3.1 2.8 4.2

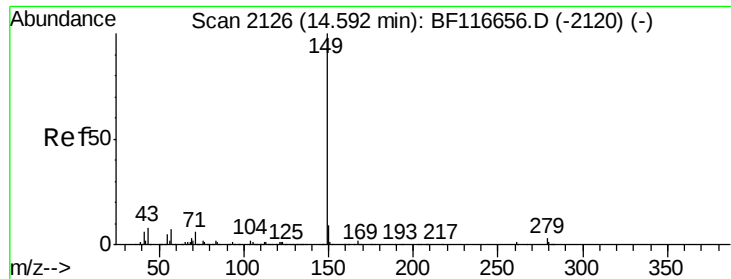


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

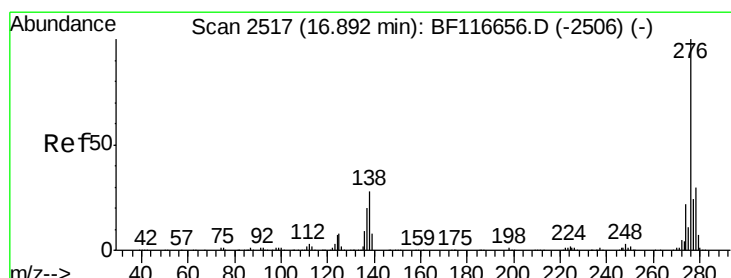
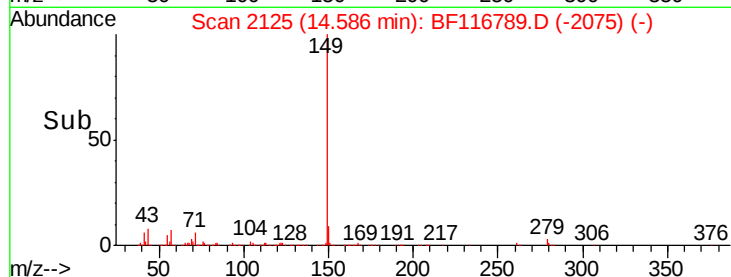
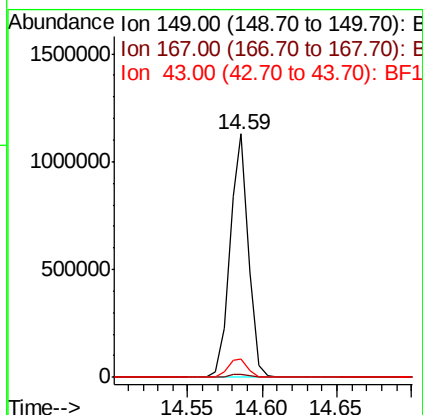
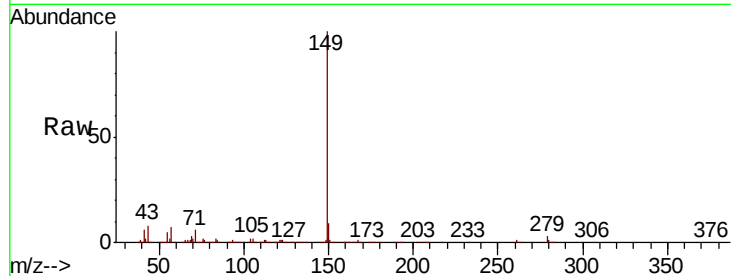




#85
Di-n-octyl phthalate
Concen: 45.690 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

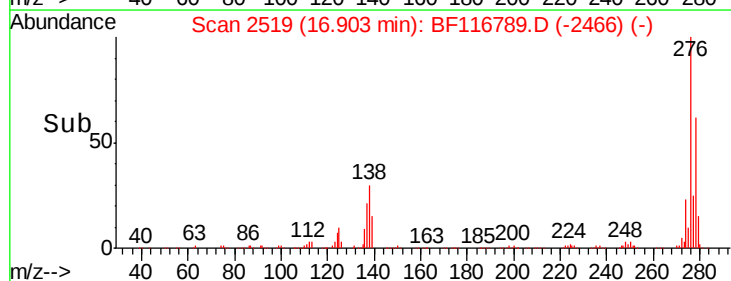
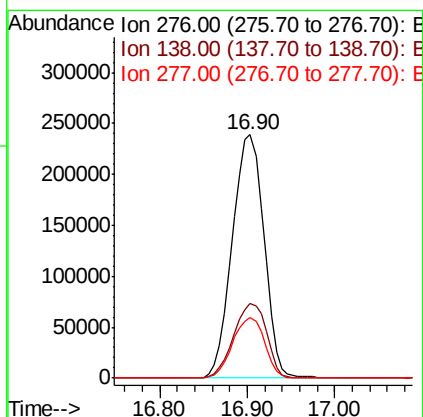
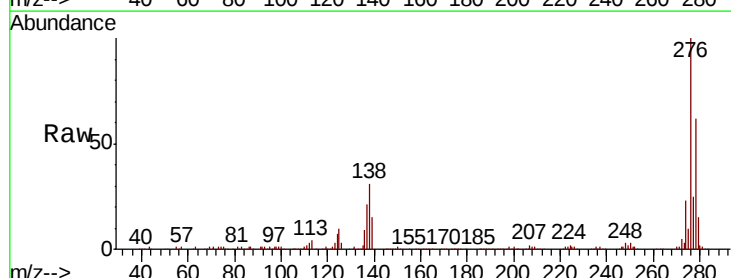
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.1	7.8	11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.703 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.01 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.0	19.4	29.2#
277	25.1	20.5	30.7

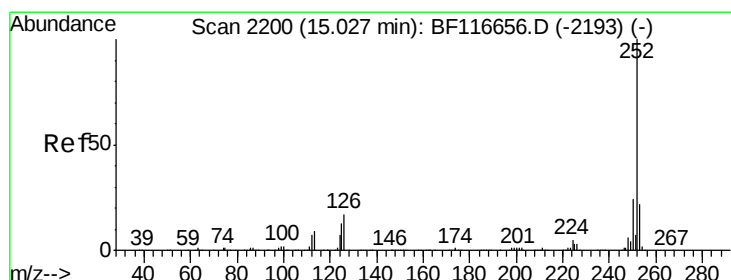
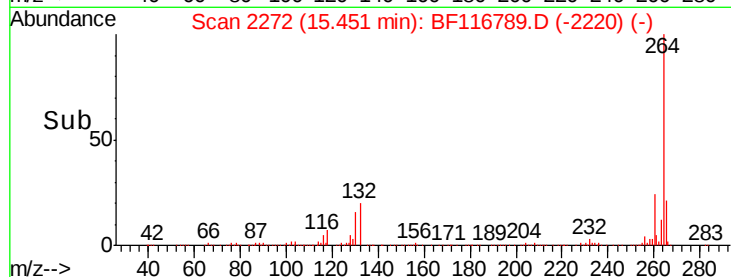
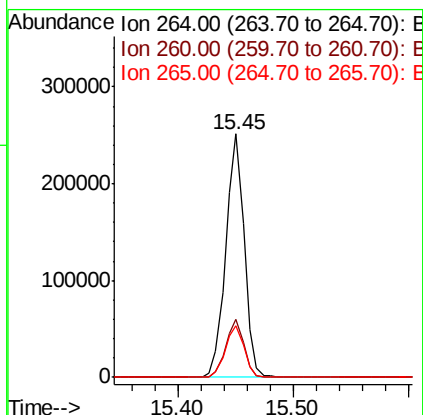
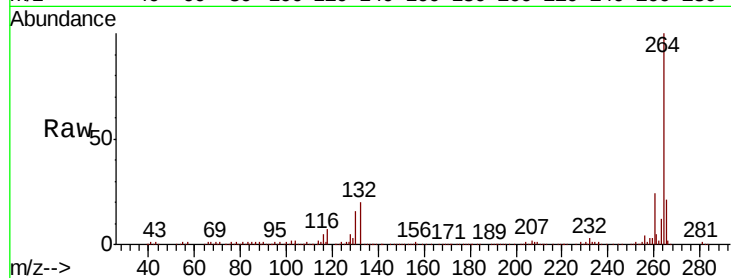




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

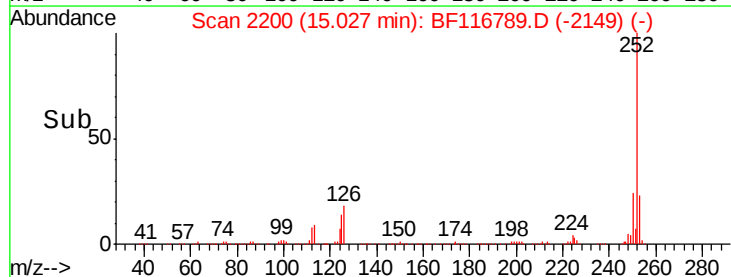
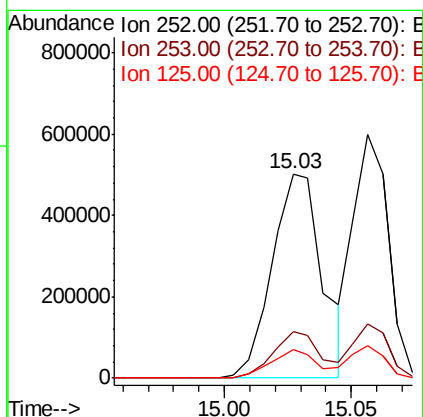
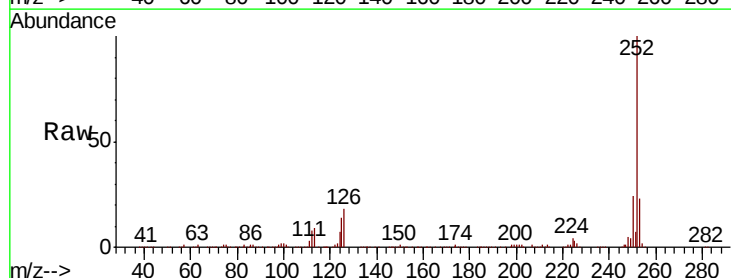
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 277826
Ion Ratio Lower Upper
264 100
260 23.6 18.3 27.5
265 21.2 16.5 24.7



#88
Benzo(b)fluoranthene
Concen: 41.387 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Tgt Ion:252 Resp: 695167
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 14.3 8.2 12.2#

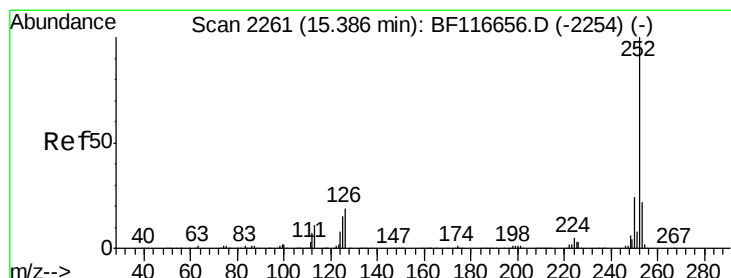
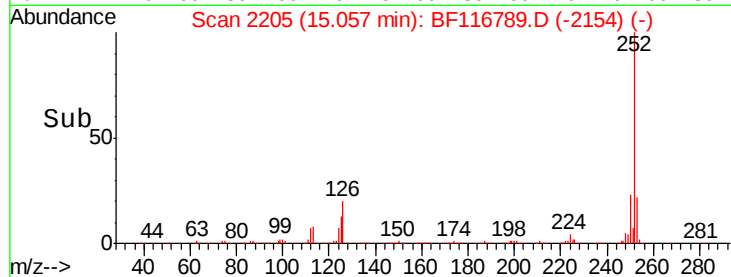
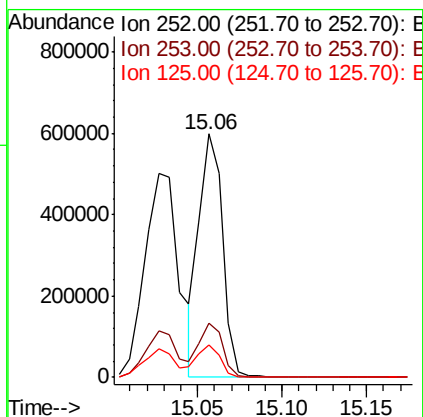
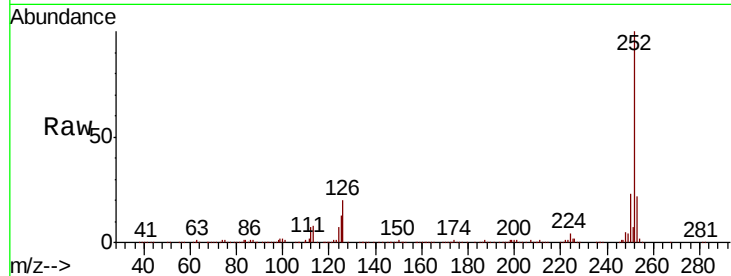




#89
Benzo(k)fluoranthene
Concen: 37.764 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

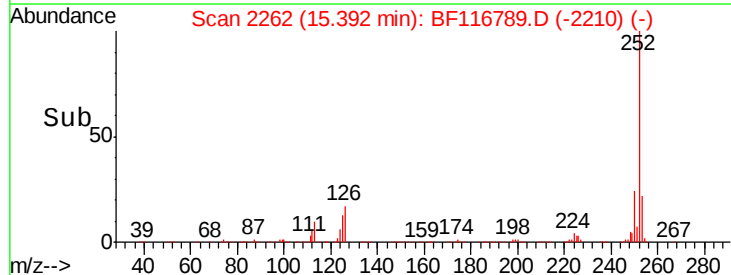
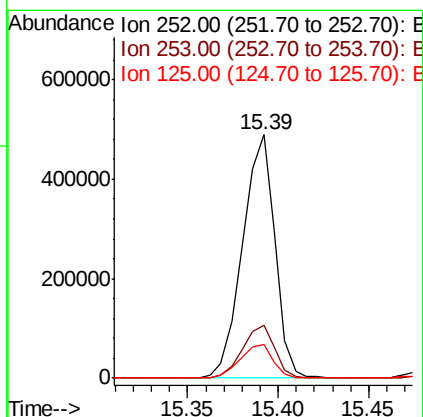
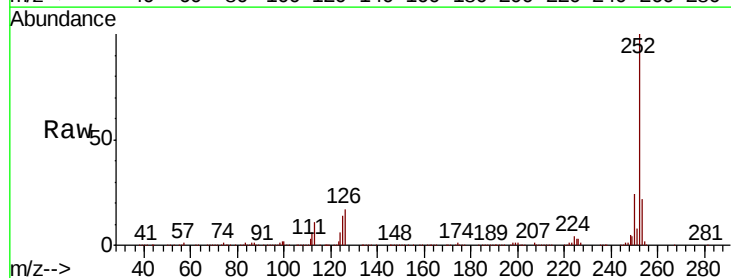
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 578353
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 13.3 8.6 13.0#



#90
Benzo(a)pyrene
Concen: 41.545 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Tgt Ion:252 Resp: 607118
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 13.6 9.8 14.8

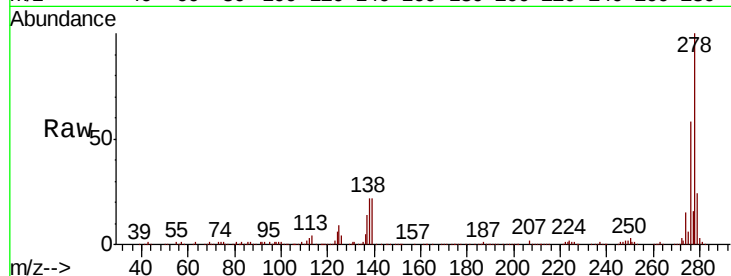




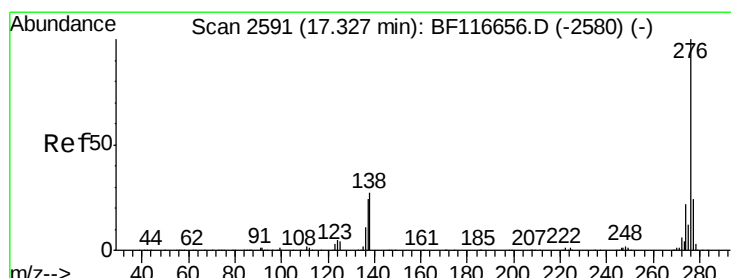
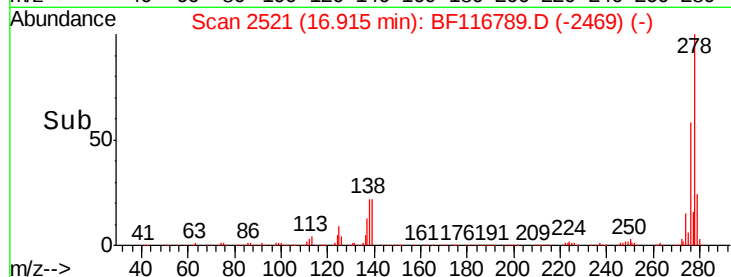
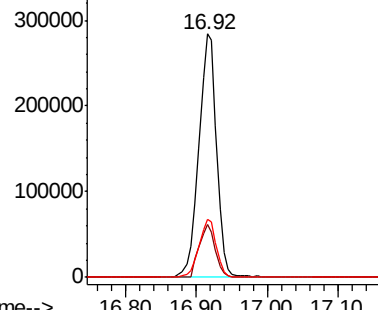
#91
Dibenzo(a,h)anthracene
Concen: 38.856 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 497026
Ion Ratio Lower Upper
278 100
139 21.5 12.4 18.6#
279 23.8 18.2 27.4

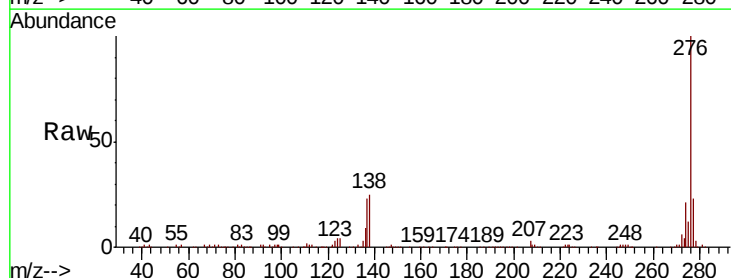


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 34.086 ng
RT: 17.34 min Scan# 2593
Delta R.T. 0.01 min
Lab File: BF116789.D
Acq: 3 Sep 2019 23:40

Tgt Ion:276 Resp: 444674
Ion Ratio Lower Upper
276 100
277 23.1 18.5 27.7
138 25.2 16.2 24.2#



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

