

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114380.D
 Acq On : 18 May 2019 10:12
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:06:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	284304	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	1122349	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	527709	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1054199	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	737971	20.00	ng	-0.02
87) Perylene-d12	15.46	264	709188	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	1328653	75.21	ng	-0.01
7) Phenol-d6	6.49	99	1655784	79.24	ng	0.00
23) Nitrobenzene-d5	7.40	82	1610402	80.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	424638	77.83	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	2633024	75.48	ng	-0.02
79) Terphenyl-d14	12.94	244	2746303	76.71	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.58	88	322255	33.186	ng	100
3) Pyridine	3.34	79	913883	34.158	ng	96
4) n-Nitrosodimethylamine	3.30	42	458604	35.545	ng	98
6) Aniline	6.50	93	1143298	37.879	ng	# 50
8) 2-Chlorophenol	6.63	128	771834	40.924	ng	94
9) Benzaldehyde	6.39	77	505307	34.544	ng	99
10) Phenol	6.50	94	933075	37.960	ng	# 70
11) bis(2-Chloroethyl)ether	6.57	93	779176	41.754	ng	99
12) 1,3-Dichlorobenzene	6.78	146	856397	40.452	ng	98
13) 1,4-Dichlorobenzene	6.86	146	860371	40.330	ng	97
14) 1,2-Dichlorobenzene	7.01	146	779924	40.016	ng	99
15) Benzyl Alcohol	6.99	79	627698	38.517	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1424312	39.365	ng	84
17) 2-Methylphenol	7.10	107	609391	39.334	ng	# 94
18) Hexachloroethane	7.35	117	327137	40.853	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	523917	39.558	ng	99
20) 3+4-Methylphenols	7.26	107	716368	40.020	ng	# 81
22) Acetophenone	7.25	105	996770	40.089	ng	96
24) Nitrobenzene	7.43	77	837268	41.105	ng	94
25) Isophorone	7.66	82	1519745	40.974	ng	99
26) 2-Nitrophenol	7.74	139	425506	43.057	ng	99
27) 2,4-Dimethylphenol	7.78	122	590191	38.025	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	989114	41.101	ng	100
29) 2,4-Dichlorophenol	7.99	162	631512	40.860	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	696719	39.643	ng	99
31) Naphthalene	8.15	128	2124243	40.518	ng	99
32) Benzoic acid	7.93	122	486163	44.524	ng	99
33) 4-Chloroaniline	8.19	127	981826	41.097	ng	99
34) Hexachlorobutadiene	8.26	225	404585	40.459	ng	97
35) Caprolactam	8.58	113	227962	45.234	ng	93
36) 4-Chloro-3-methylphenol	8.69	107	664709	42.727	ng	98
37) 2-Methylnaphthalene	8.83	142	1412735	41.766	ng	97
38) 1-Methylnaphthalene	8.93	142	1336037	41.942	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	655219	40.989	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114380.D
 Acq On : 18 May 2019 10:12
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:06:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

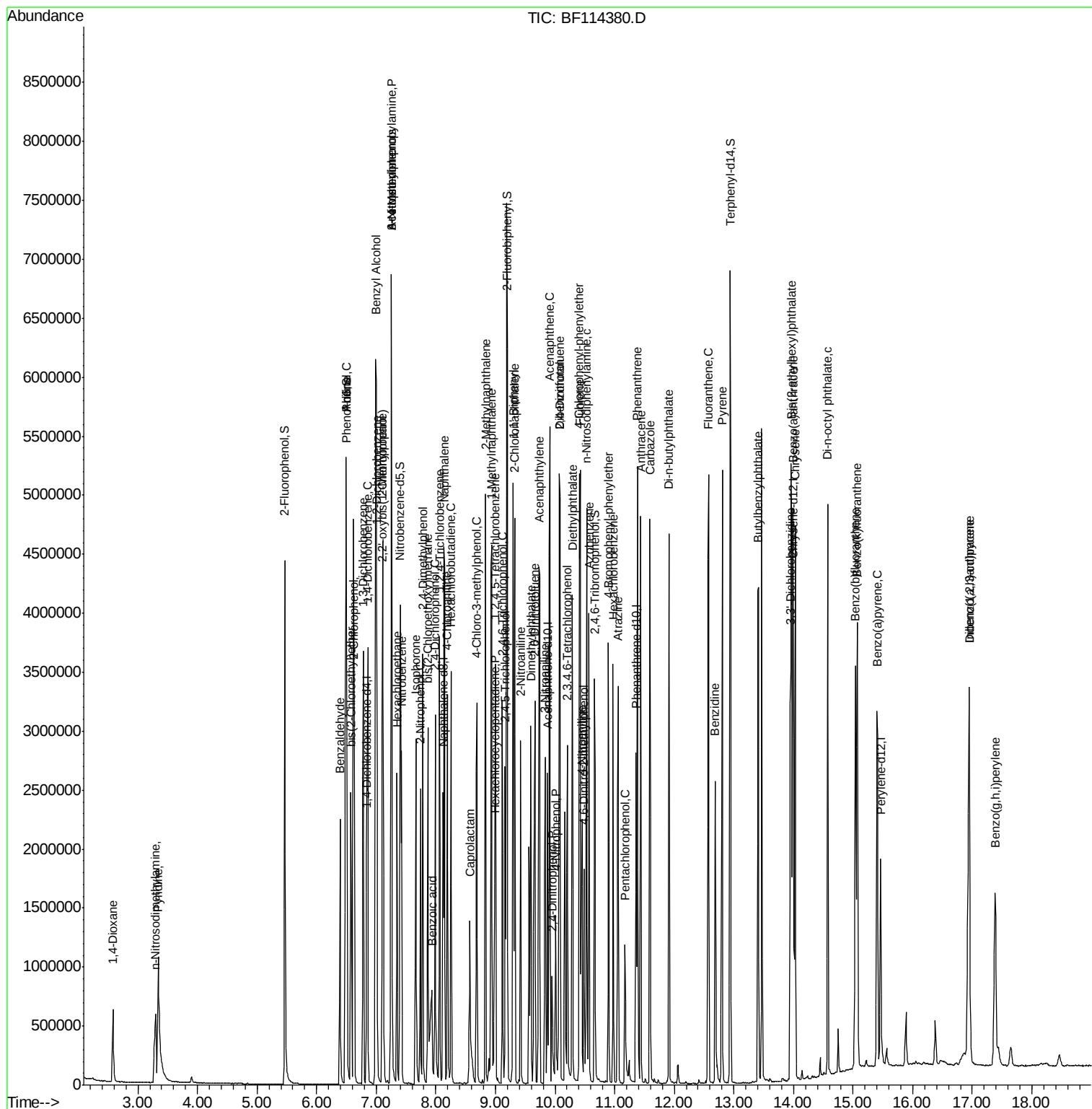
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	227164	33.178	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	441030	40.111	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	450046	39.911	nq	96
46) 1,1'-Biphenyl	9.30	154	1712104	40.160	nq	99
47) 2-Chloronaphthalene	9.32	162	1370219	39.937	nq	99
48) 2-Nitroaniline	9.42	65	507619	41.718	nq	98
49) Acenaphthylene	9.74	152	2075314	39.770	nq	99
50) Dimethylphthalate	9.59	163	1632676	42.146	nq	99
51) 2,6-Dinitrotoluene	9.66	165	353479	41.139	nq	98
52) Acenaphthene	9.91	154	1253639	39.150	nq	98
53) 3-Nitroaniline	9.83	138	449885	42.180	nq	97
54) 2,4-Dinitrophenol	9.95	184	163419	41.380	nq	90
55) Dibenzofuran	10.08	168	1780289	37.915	nq	98
56) 4-Nitrophenol	10.01	139	249609	33.092	nq	93
57) 2,4-Dinitrotoluene	10.07	165	446569	38.292	nq	# 86
58) Fluorene	10.42	166	1448385	39.935	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	370097	38.039	nq	99
60) Diethylphthalate	10.29	149	1582406	40.202	nq	100
61) 4-Chlorophenyl-phenylether	10.41	204	705036	39.579	nq	97
62) 4-Nitroaniline	10.45	138	478028	42.651	nq	97
63) Azobenzene	10.57	77	1533950	40.262	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	233968	46.188	nq	87
66) n-Nitrosodiphenylamine	10.53	169	1300113	40.635	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	472270	40.688	nq	98
68) Hexachlorobenzene	10.97	284	514986	40.106	nq	98
69) Atrazine	11.06	200	388292	38.998	nq	100
70) Pentachlorophenol	11.17	266	200666	32.966	nq	98
71) Phenanthrene	11.39	178	2087827	40.708	nq	100
72) Anthracene	11.44	178	2123636	41.224	nq	99
73) Carbazole	11.59	167	2045680	41.643	nq	99
74) Di-n-butylphthalate	11.91	149	2472552	43.689	nq	99
75) Fluoranthene	12.57	202	2252786	40.789	nq	99
77) Benzidine	12.69	184	1138075	34.356	nq	99
78) Pyrene	12.80	202	2319773	39.076	nq	100
80) Butylbenzylphthalate	13.41	149	1087000	43.501	nq	99
81) Benzo(a)anthracene	13.99	228	1998449	41.868	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	753434	40.690	nq	100
83) Chrysene	14.03	228	1893209	40.461	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1446269	44.254	nq	100
85) Di-n-octyl phthalate	14.57	149	2281673	43.069	nq	100
86) Indeno(1,2,3-cd)pyrene	16.95	276	1687102	40.798	nq	100
88) Benzo(b)fluoranthene	15.04	252	1800987	39.639	nq	99
89) Benzo(k)fluoranthene	15.07	252	1797398	43.066	nq	99
90) Benzo(a)pyrene	15.40	252	1692246	42.321	nq	99
91) Dibenzo(a,h)anthracene	16.95	278	1375721	41.404	nq	99
92) Benzo(g,h,i)perylene	17.39	276	1391467	41.788	nq	99

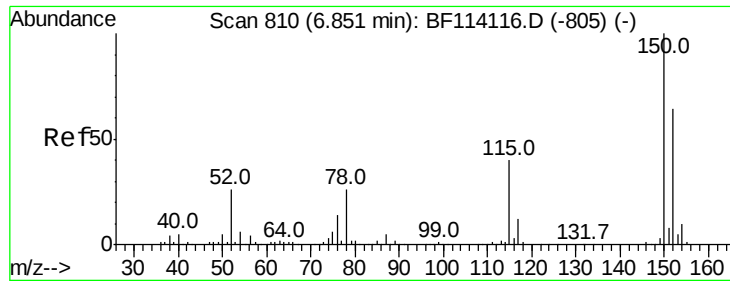
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114380.D
 Acq On : 18 May 2019 10:12
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampled :

Quant Time: May 20 04:06:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration



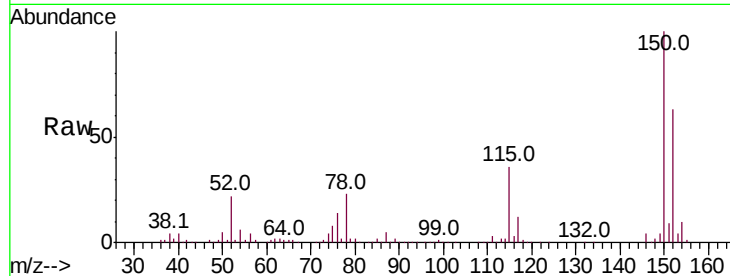


#1

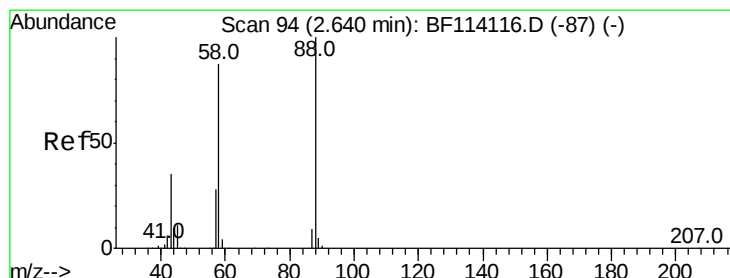
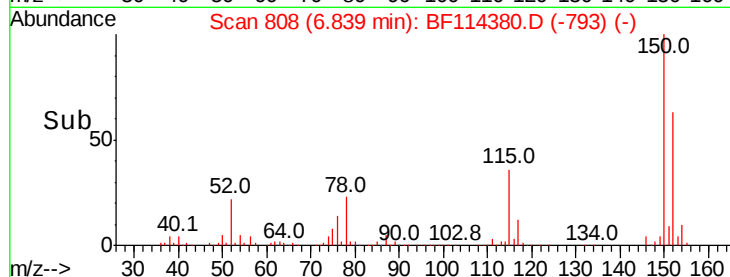
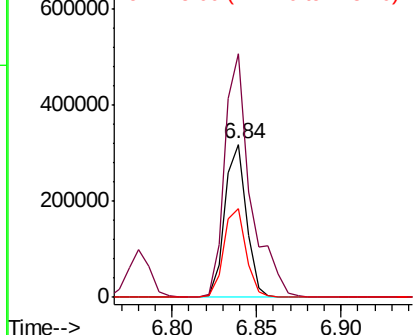
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 284304
Ion Ratio Lower Upper
152 100
150 159.4 124.3 186.5
115 58.0 49.1 73.7



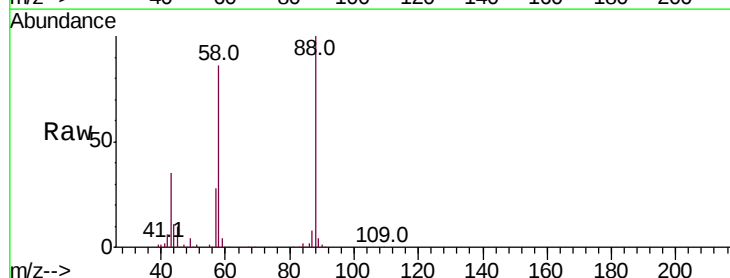
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



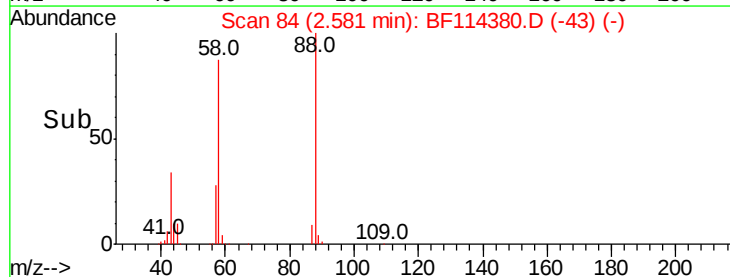
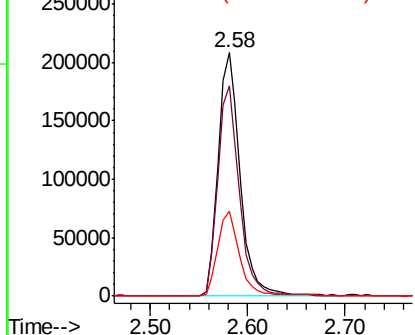
#2

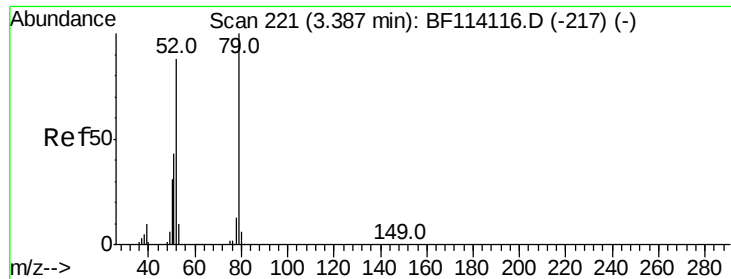
1,4-Dioxane
Concen: 33.186 ng
RT: 2.58 min Scan# 84
Delta R.T. -0.06 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Tgt Ion: 88 Resp: 322255
Ion Ratio Lower Upper
88 100
58 85.7 68.7 103.1
43 34.5 28.2 42.2



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: 34.158 ng

RT: 3.34 min Scan# 213

Delta R.T. -0.05 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

Instrument :

BNA_F

ClientSampled :

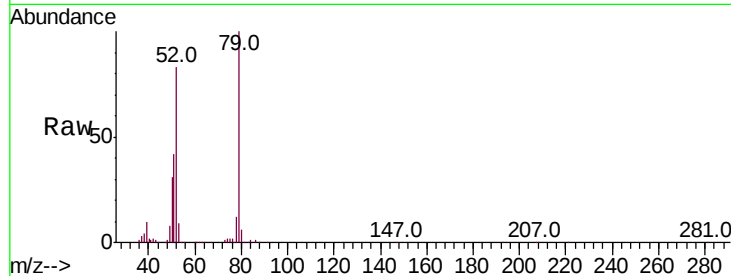
Tot Ion: 79 Resp: 913883

Ion Ratio Lower Upper

79 100

52 83.1 70.6 105.8

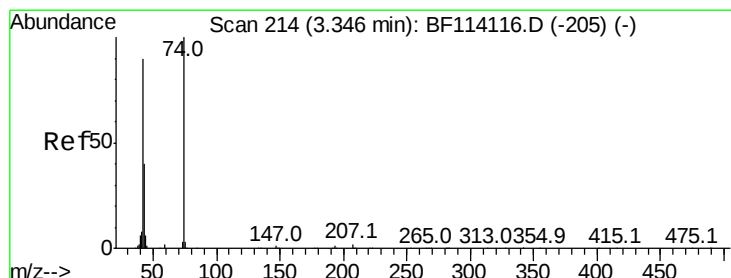
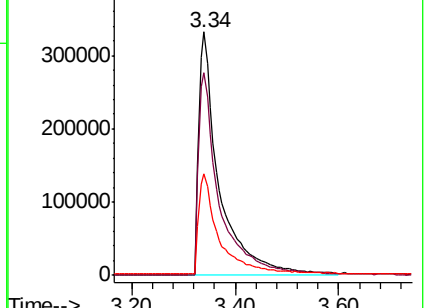
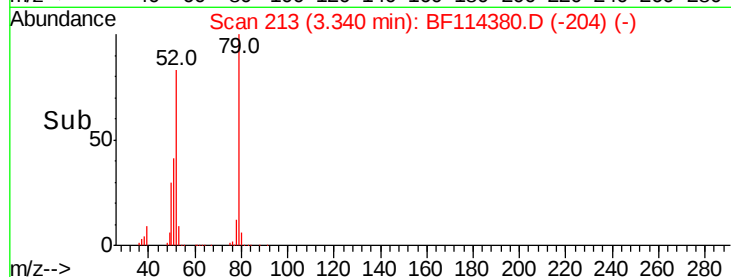
51 41.7 34.2 51.2



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: 35.545 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.05 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

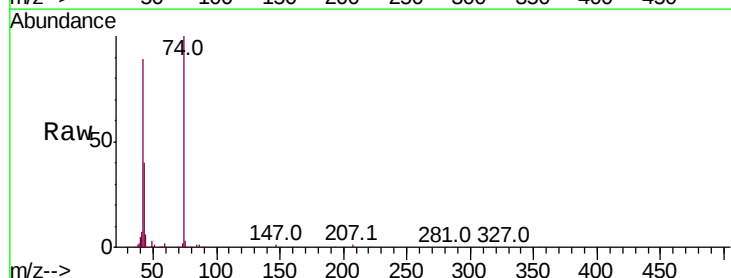
Tgt Ion: 42 Resp: 458604

Ion Ratio Lower Upper

42 100

74 112.5 88.6 132.8

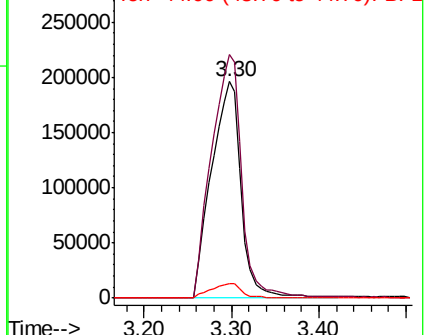
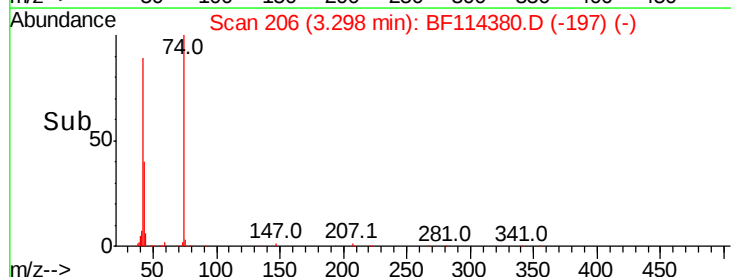
44 6.9 5.5 8.3

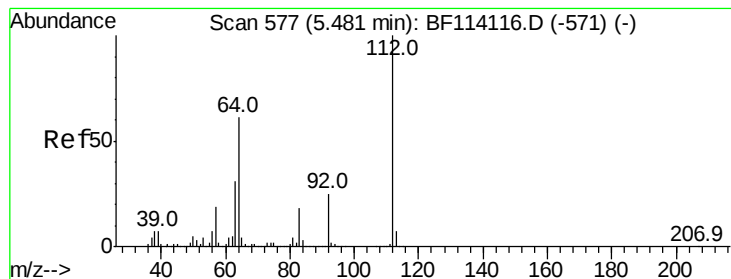


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 75.206 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

Instrument :

BNA_F

ClientSampleId :

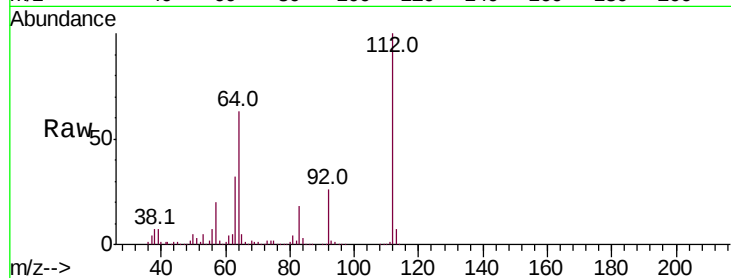
Tot Ion:112 Resp: 1328653

Ion Ratio Lower Upper

112 100

64 62.7 49.0 73.6

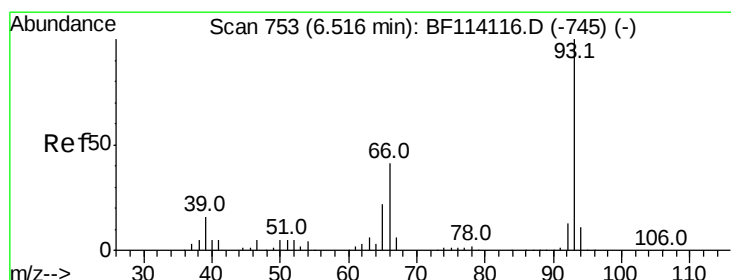
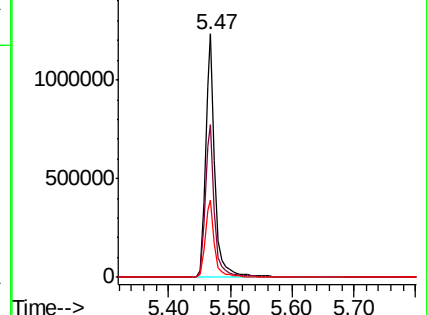
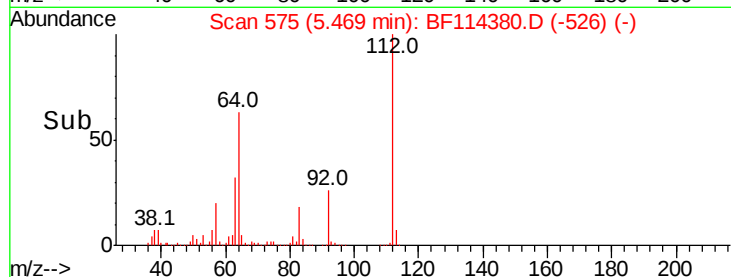
63 31.9 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.879 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

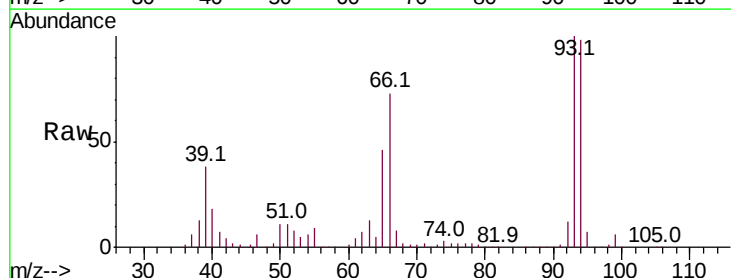
Tgt Ion: 93 Resp: 1143298

Ion Ratio Lower Upper

93 100

66 72.5 33.2 49.8#

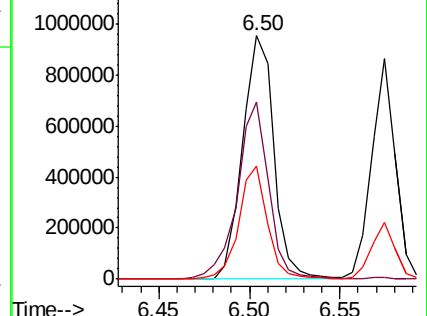
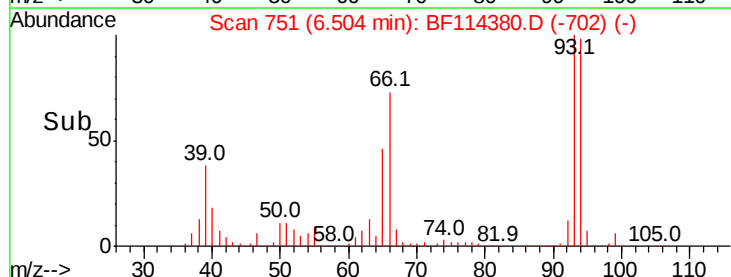
65 46.3 17.6 26.4#



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: 79.243 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

Instrument :

BNA_F

ClientSampleId :

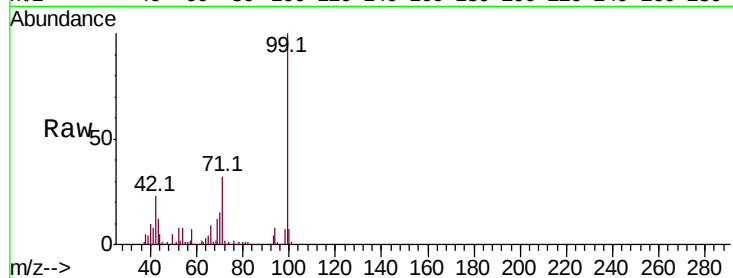
Tot Ion: 99 Resp: 1655784

Ion Ratio Lower Upper

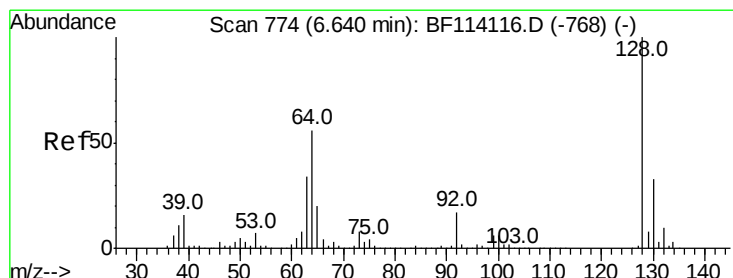
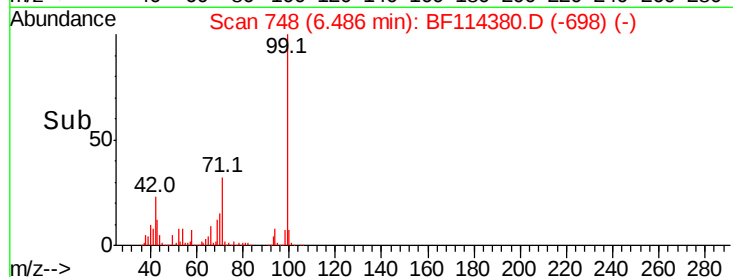
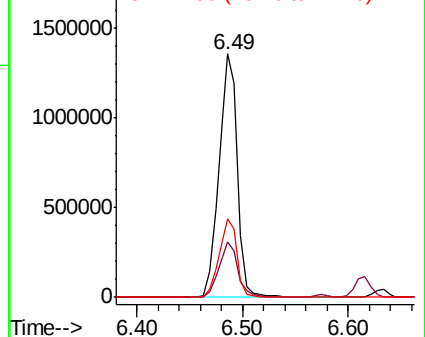
99 100

42 22.8 17.9 26.9

71 32.3 26.2 39.2



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: 40.924 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

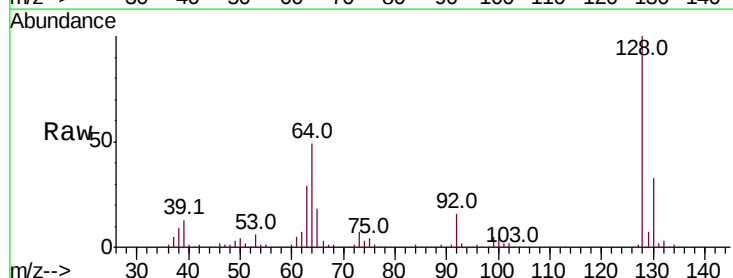
Tgt Ion: 128 Resp: 771834

Ion Ratio Lower Upper

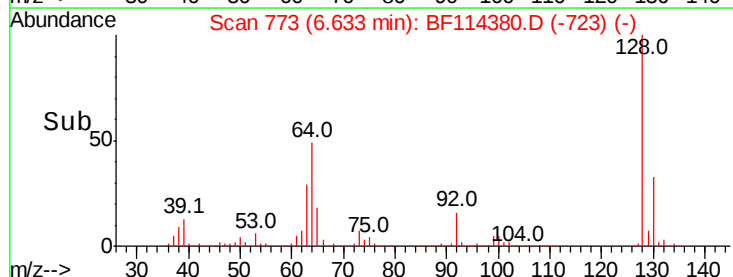
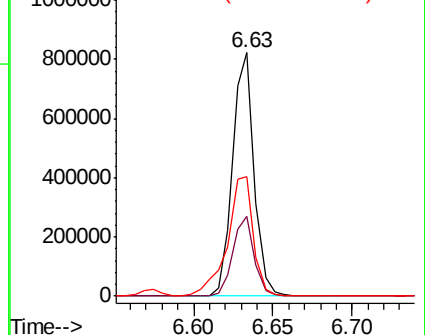
128 100

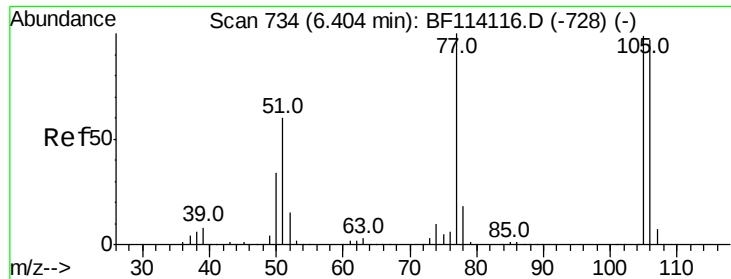
130 32.7 12.6 52.6

64 48.8 35.9 75.9



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

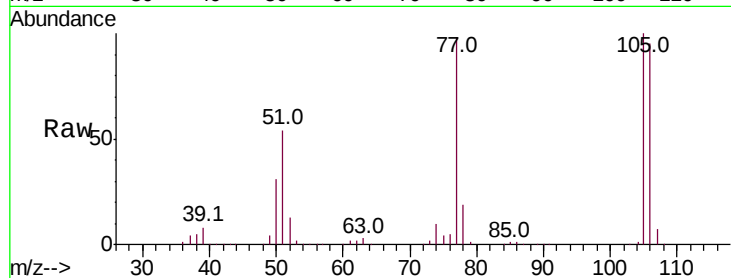




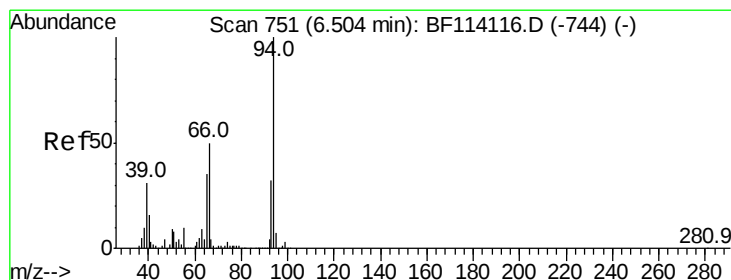
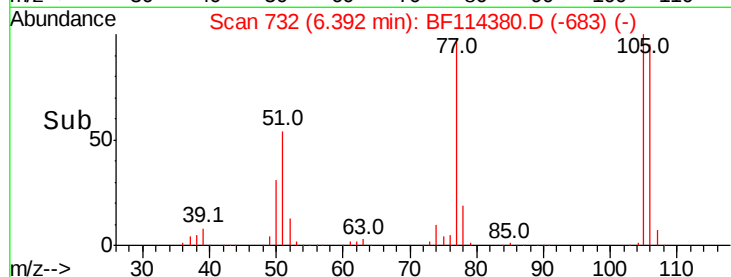
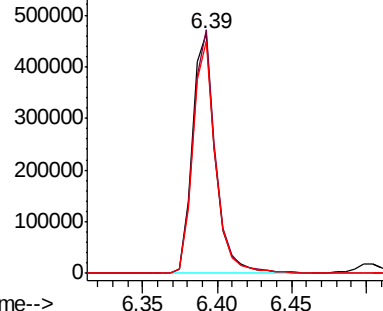
#9
Benzaldehyde
Concen: 34.544 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 505307
Ion Ratio Lower Upper
77 100
105 101.6 79.3 119.3
106 96.7 77.0 117.0

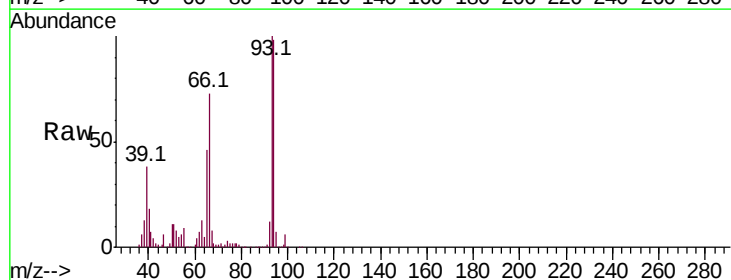


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

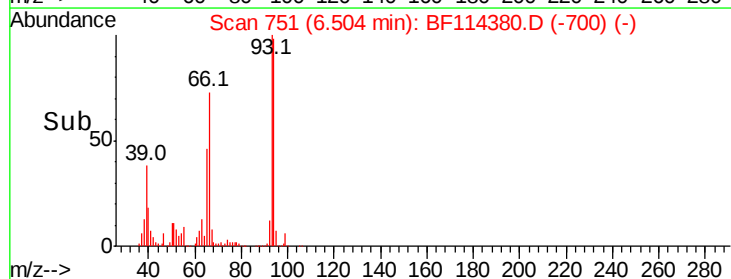
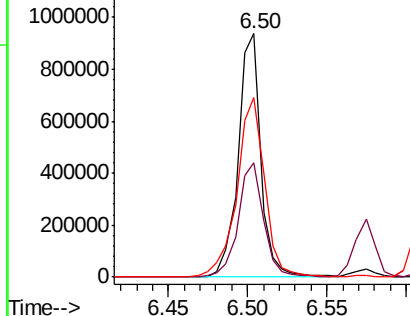


#10
Phenol
Concen: 37.960 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Tgt Ion: 94 Resp: 933075
Ion Ratio Lower Upper
94 100
65 47.2 14.7 54.7
66 73.8 29.6 69.6#



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

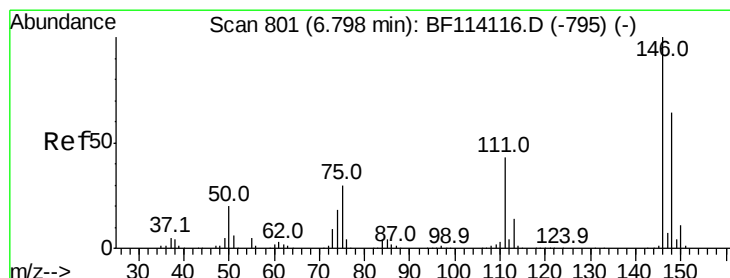
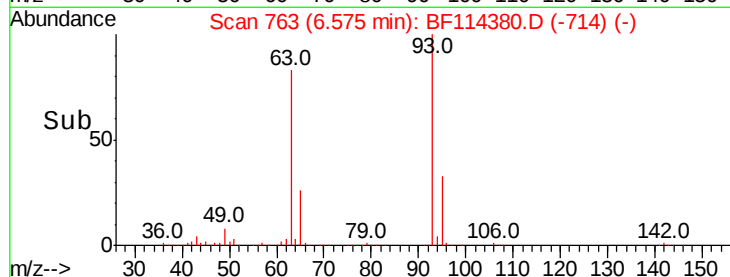
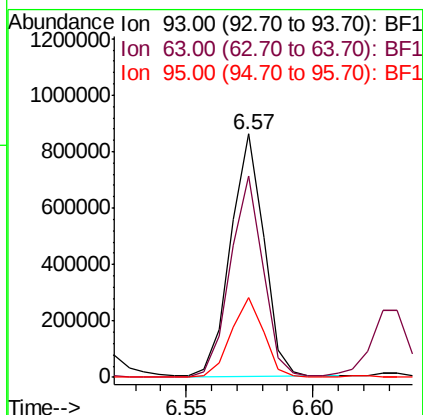
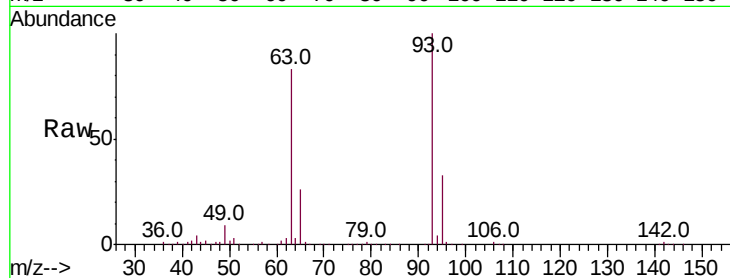




#11
 bis(2-Chloroethyl)ether
 Concen: 41.754 ng
 RT: 6.57 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF114380.D
 Acq: 18 May 2019 10:12

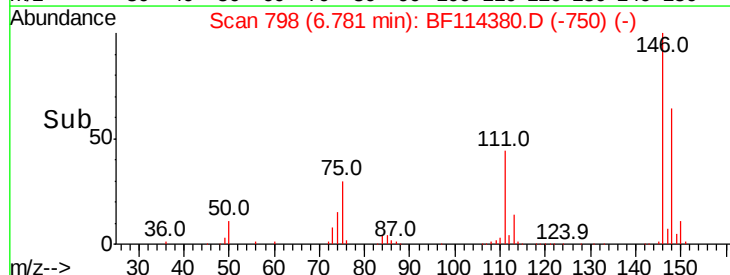
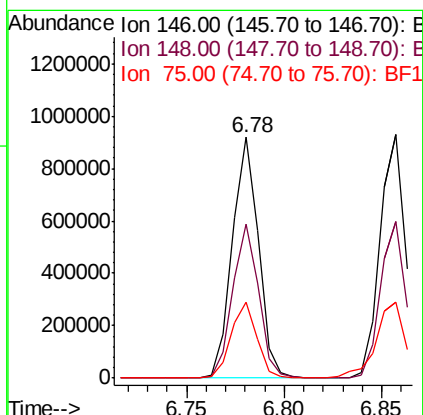
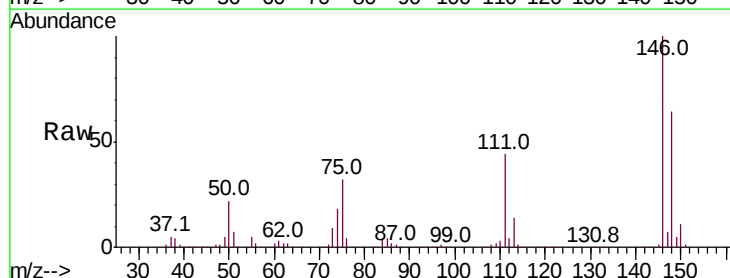
Instrument :
 BNA_F
 ClientSampled :

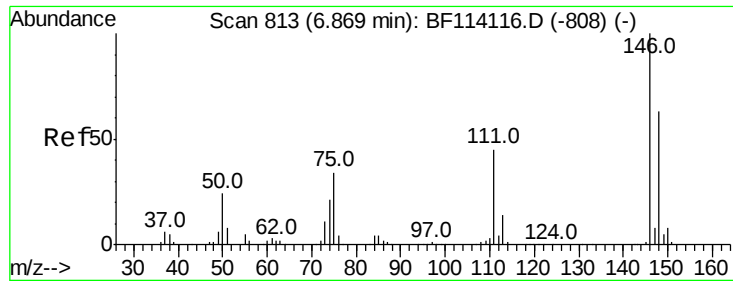
Tot Ion: 93 Resp: 779176
 Ion Ratio Lower Upper
 93 100
 63 82.7 63.6 103.6
 95 33.0 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 40.452 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF114380.D
 Acq: 18 May 2019 10:12

Tgt Ion: 146 Resp: 856397
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.6 77.4
 75 31.7 24.2 36.2

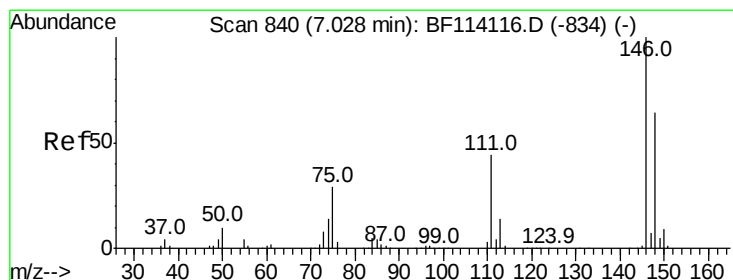
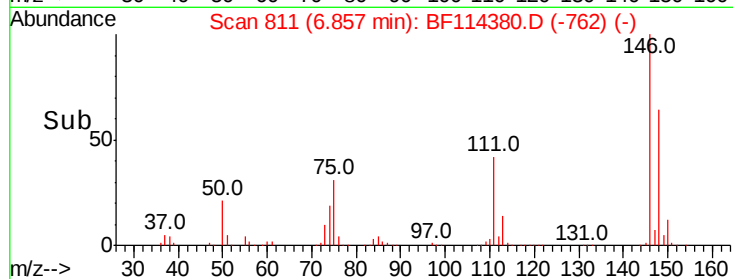
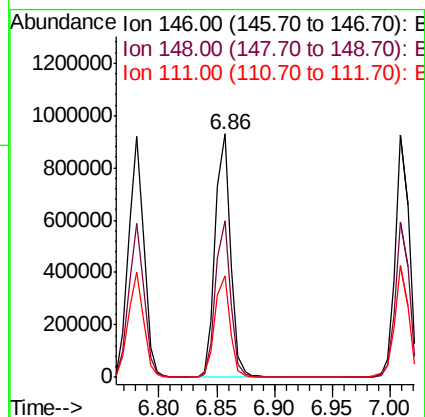
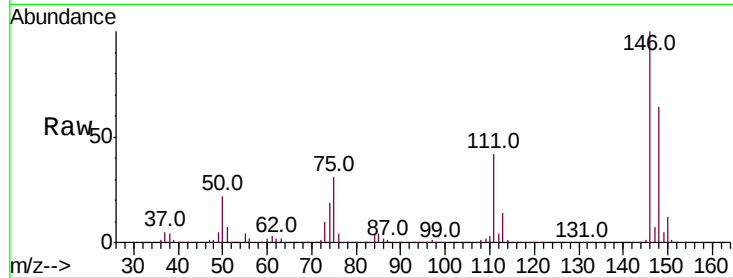




#13
 1,4-Dichlorobenzene
 Concen: 40.330 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF114380.D
 Acq: 18 May 2019 10:12

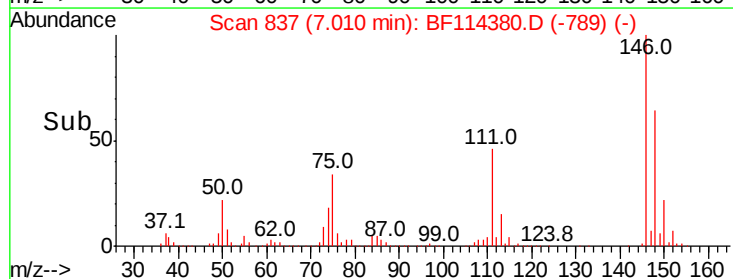
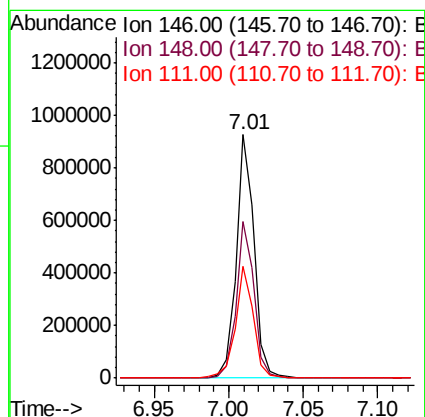
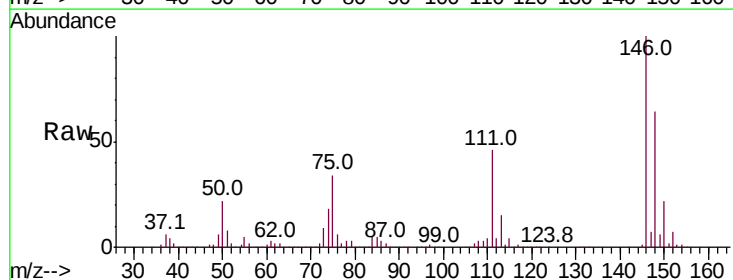
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 860371
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.2 75.2
 111 42.0 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 40.016 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.02 min
 Lab File: BF114380.D
 Acq: 18 May 2019 10:12

Tgt Ion:146 Resp: 779924
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 45.9 35.3 52.9





#15

Benzyl Alcohol

Concen: 38.517 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

Instrument :

BNA_F

ClientSampleId :

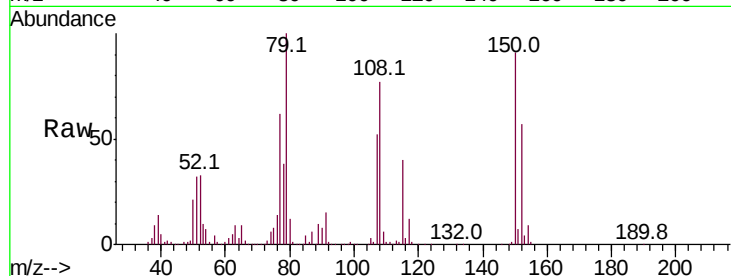
Tot Ion: 79 Resp: 627698

Ion Ratio Lower Upper

79 100

108 77.4 62.1 93.1

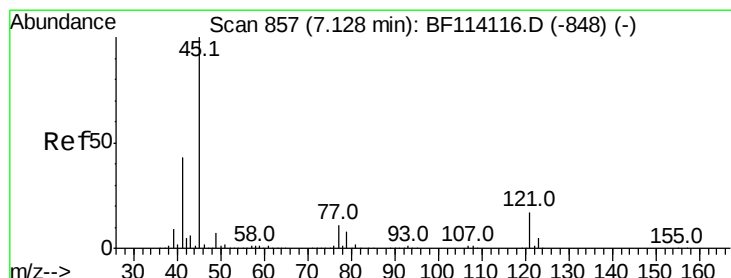
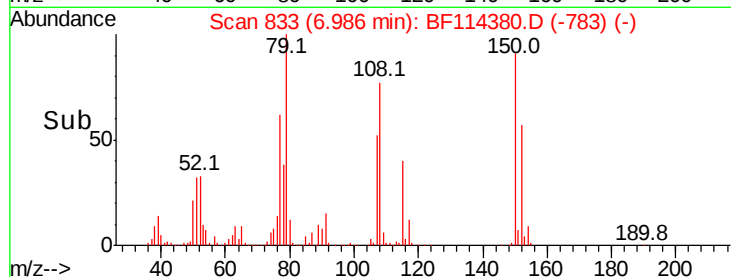
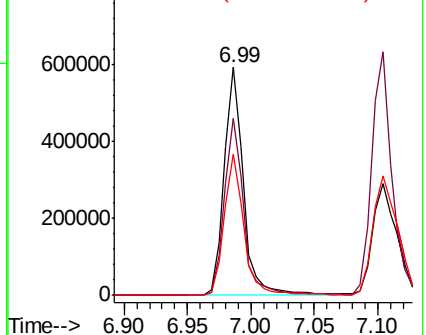
77 61.9 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.365 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

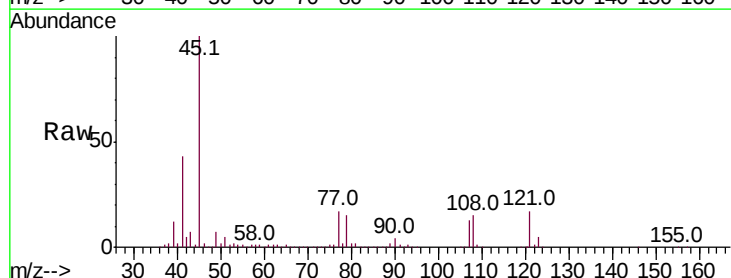
Tgt Ion: 45 Resp: 1424312

Ion Ratio Lower Upper

45 100

77 16.8 0.0 31.1

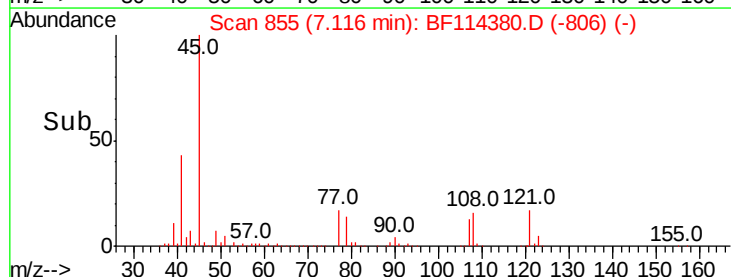
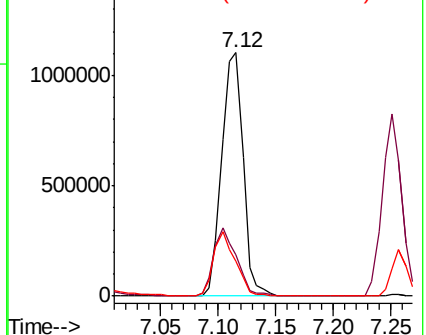
79 14.5 0.0 28.4

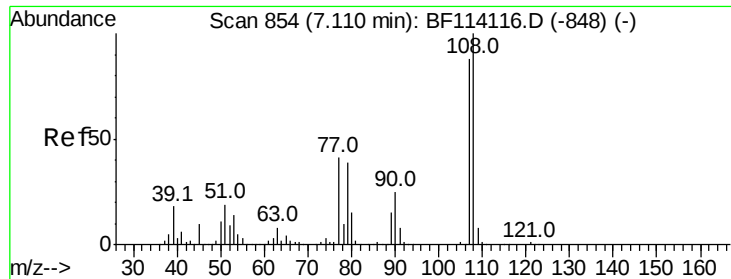


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

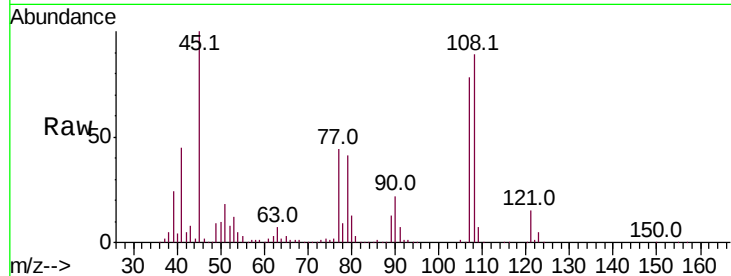




#17
2-Methylphenol
Concen: 39.334 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	90.5	135.7
77	56.2	37.0	55.4#
79	52.3	35.8	53.8



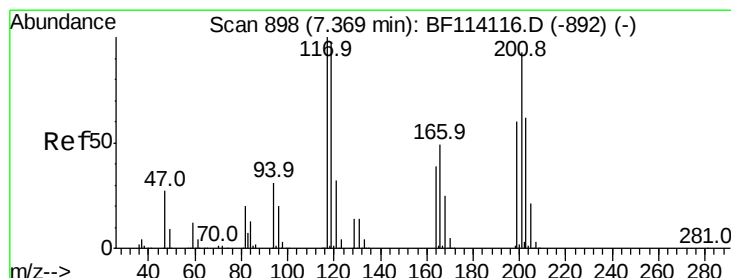
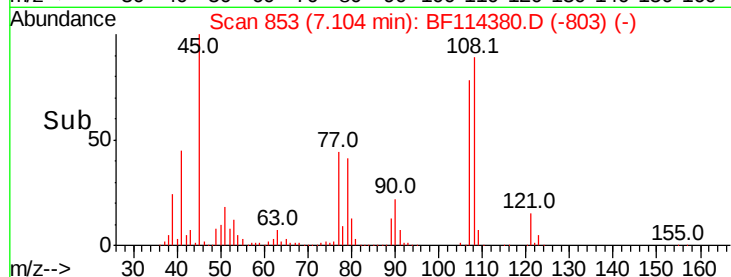
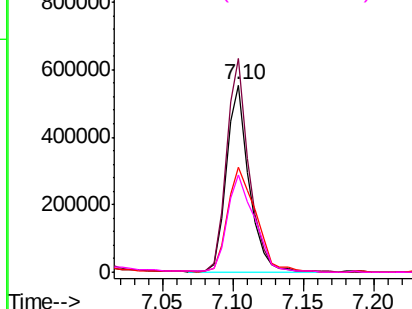
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

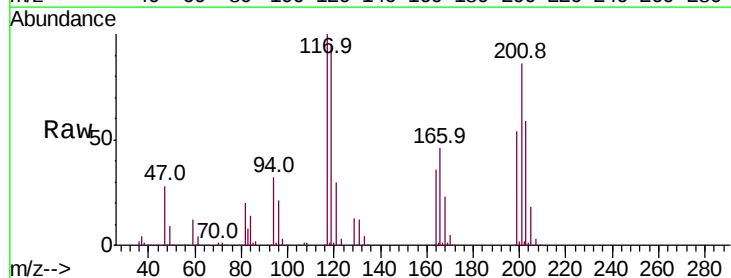
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.853 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.4	116.2
201	85.5	74.5	111.7

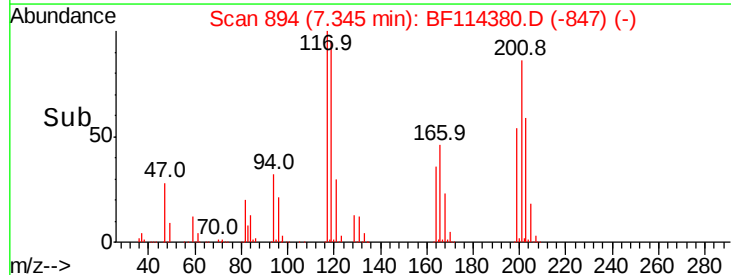
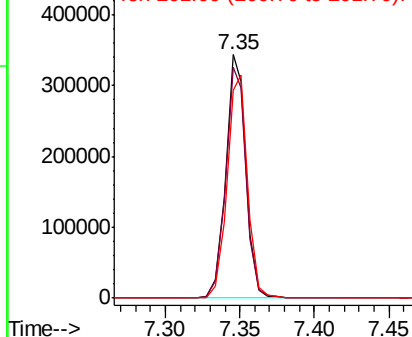


Abundance

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

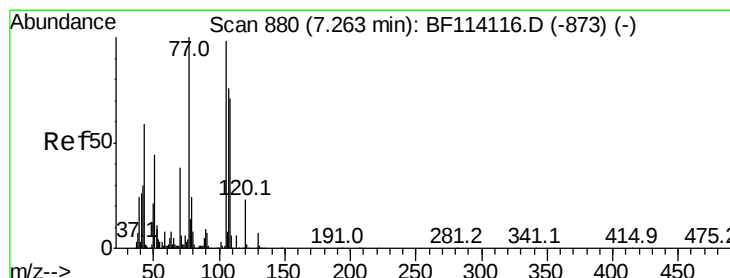
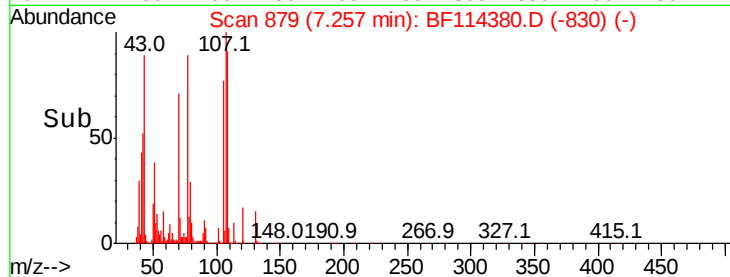
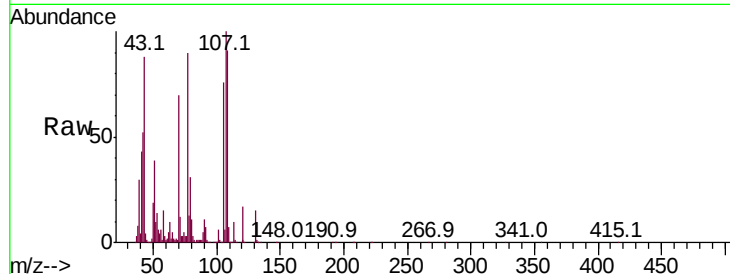
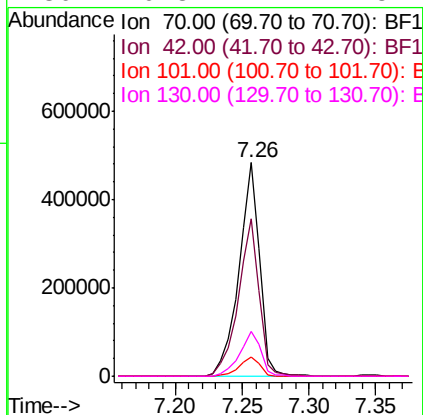




#19
n-Nitroso-di-n-propylamine
Concen: 39.558 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

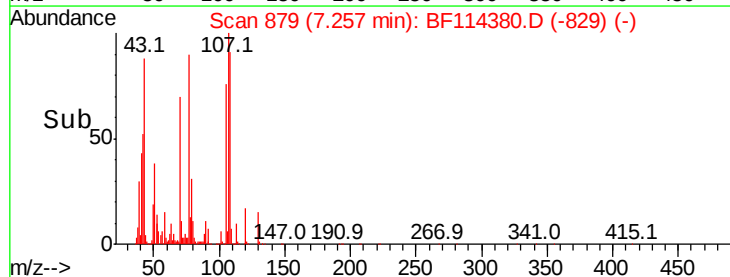
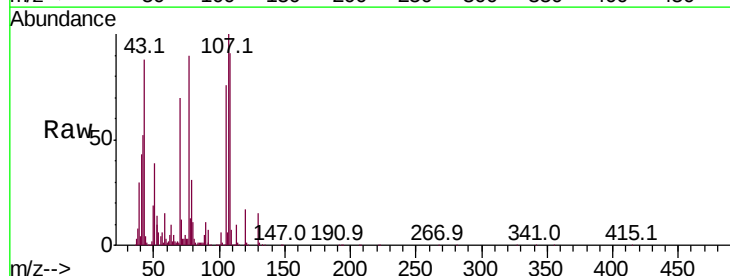
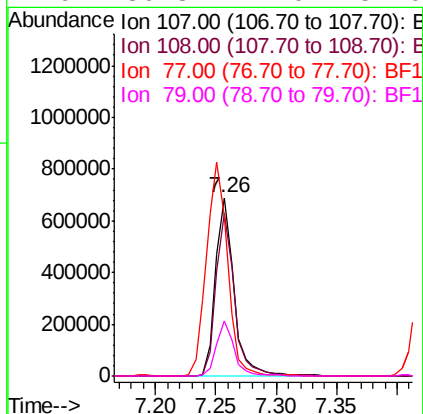
Instrument :
BNA_F
ClientSampleId :

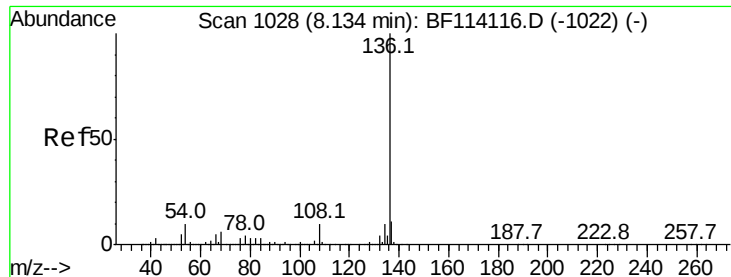
Tot Ion	Ratio	Lower	Upper
70	100		
42	73.5	58.6	87.8
101	9.2	7.8	11.8
130	20.8	17.1	25.7



#20
3+4-Methylphenols
Concen: 40.020 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.4	73.8	113.8
77	89.8	111.5	151.5#
79	30.8	12.0	52.0

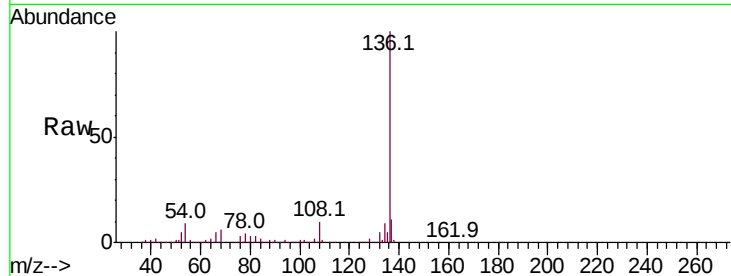




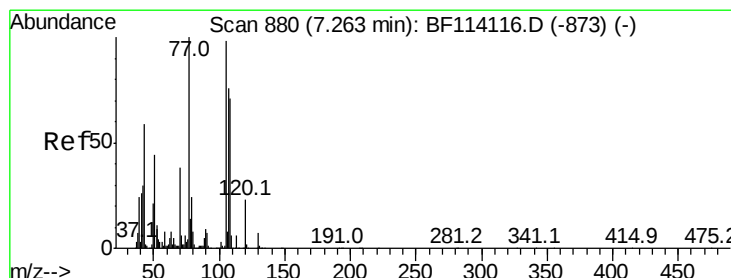
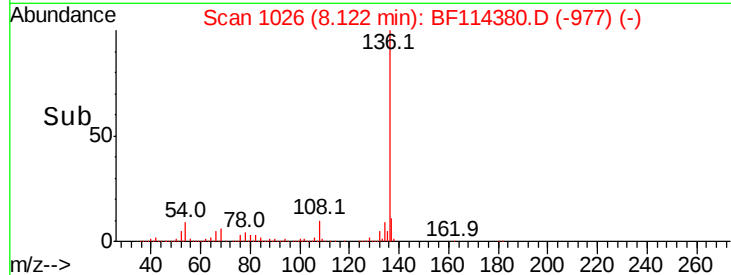
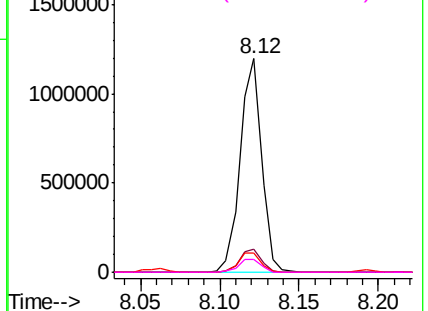
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	1122349
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.0	7.8	11.8
68	6.2	5.1	7.7

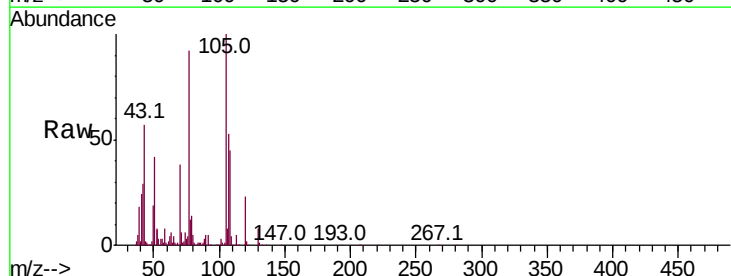


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

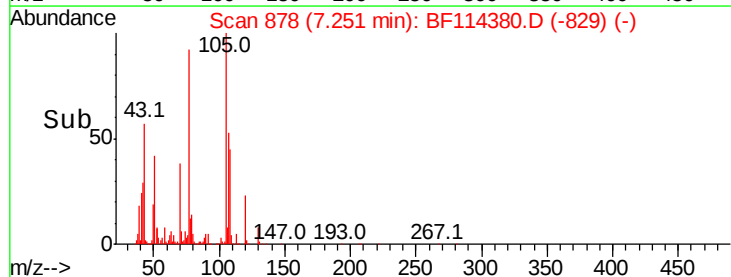
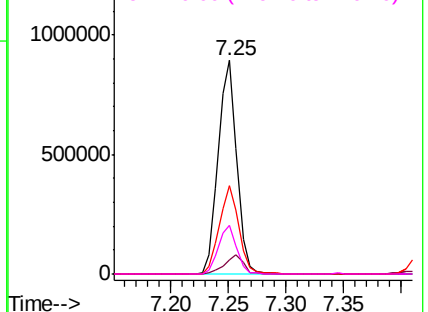


#22
Acetophenone
Concen: 40.089 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Tgt Ion:	105	Resp:	996770
Ion	Ratio	Lower	Upper
105	100		
71	6.4	5.3	7.9
51	41.6	36.2	54.4
120	22.7	18.6	28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 80.524 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

Instrument :

BNA_F

ClientSampleId :

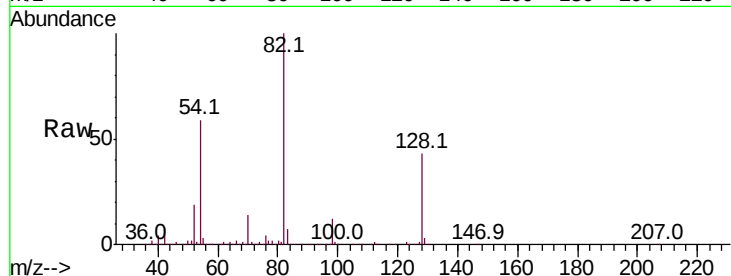
Tot Ion: 82 Resp: 1610402

Ion Ratio Lower Upper

82 100

128 43.5 35.5 53.3

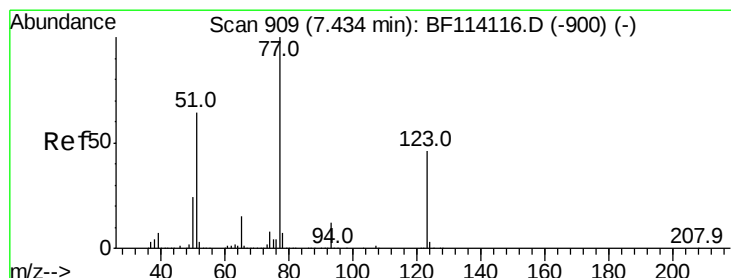
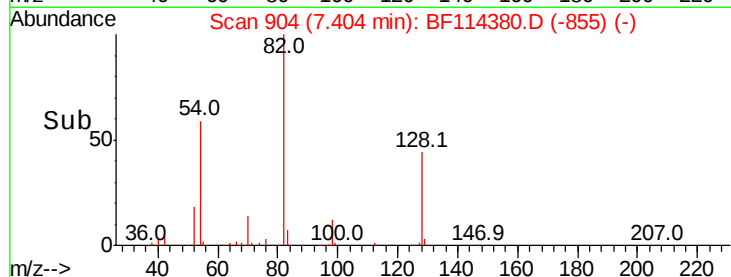
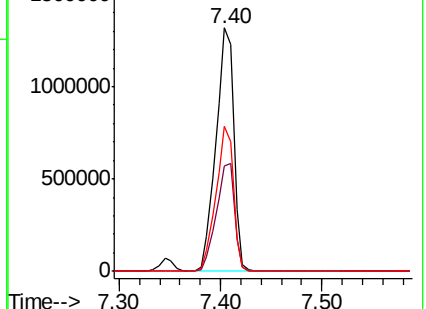
54 59.5 48.5 72.7



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: 41.105 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

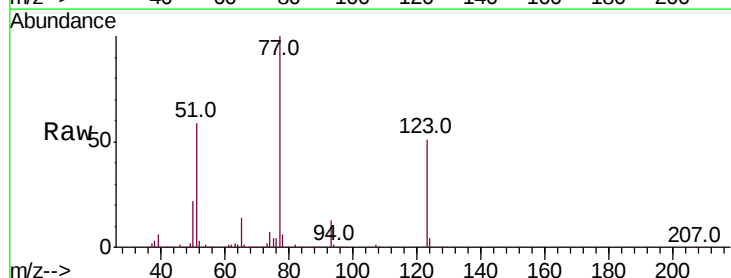
Tgt Ion: 77 Resp: 837268

Ion Ratio Lower Upper

77 100

123 50.7 36.9 55.3

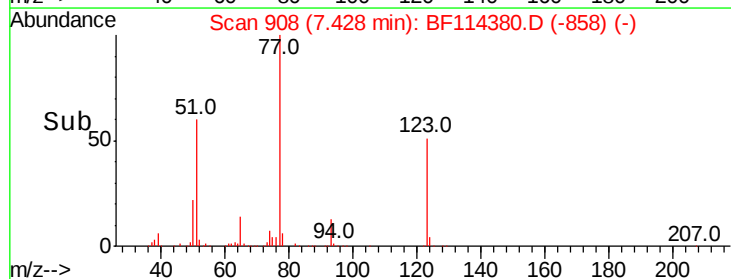
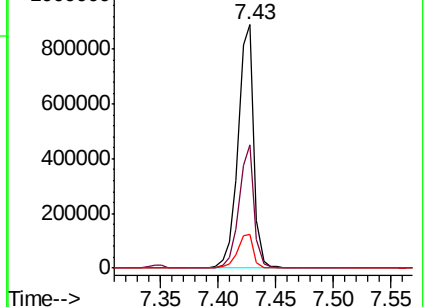
65 13.9 11.8 17.6

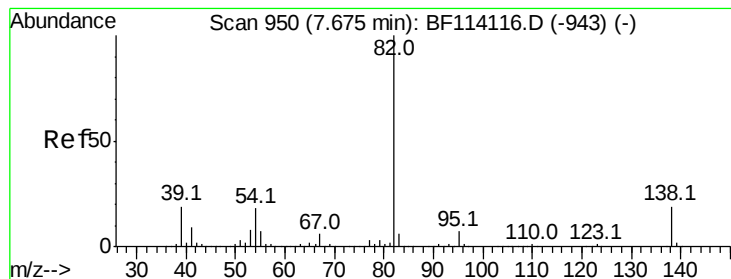


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.974 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

Instrument :

BNA_F

ClientSampleId :

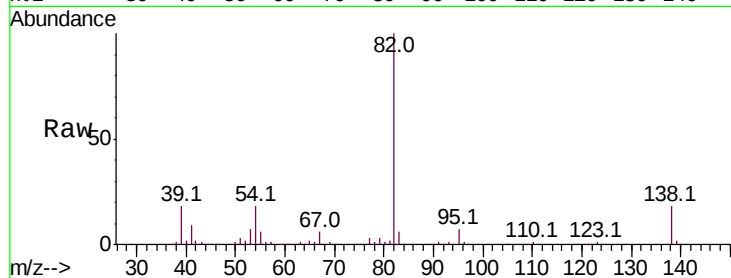
Tot Ion: 82 Resp: 1519745

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

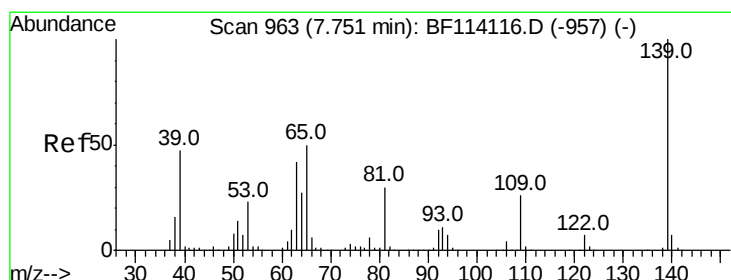
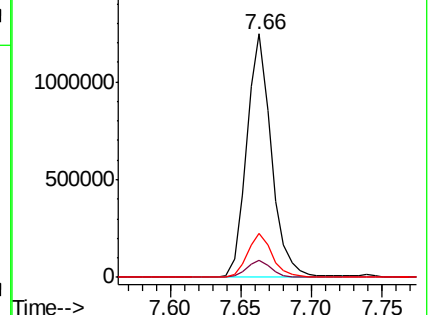
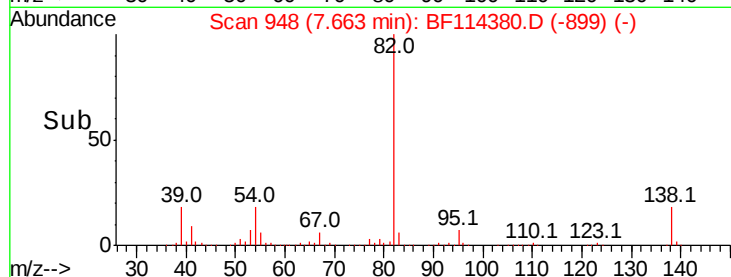
138 18.3 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.057 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

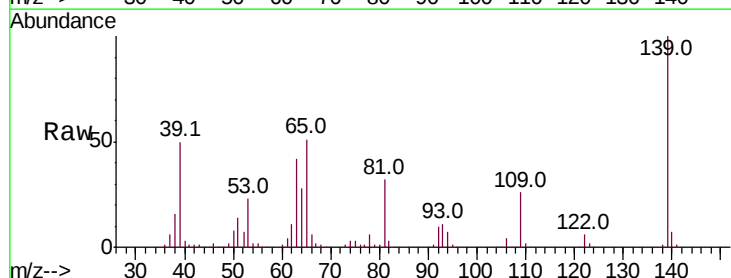
Tgt Ion: 139 Resp: 425506

Ion Ratio Lower Upper

139 100

109 25.5 20.7 31.1

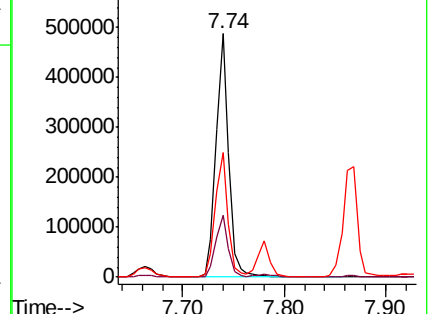
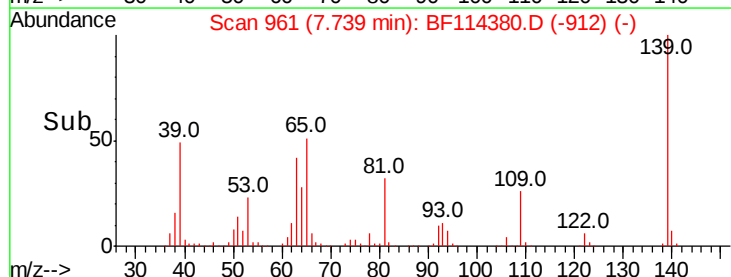
65 51.3 40.2 60.2

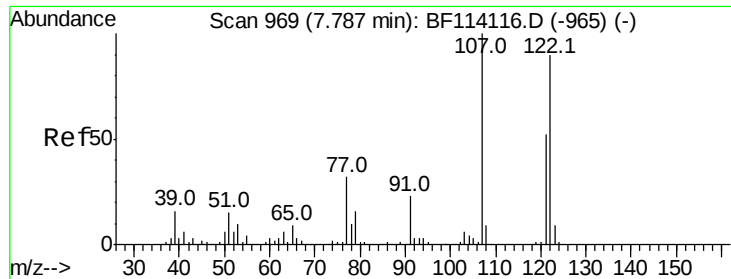


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

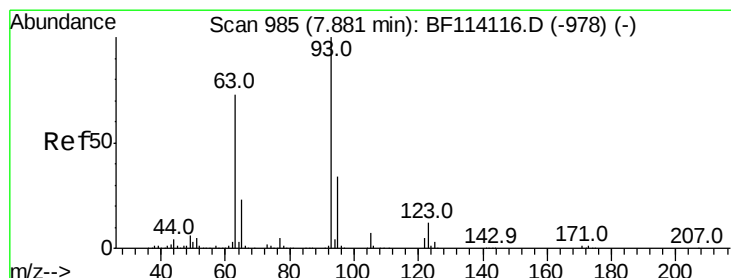
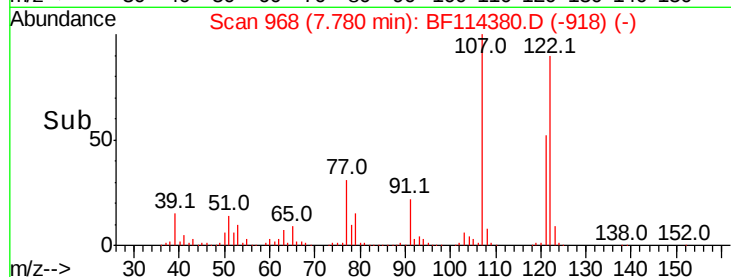
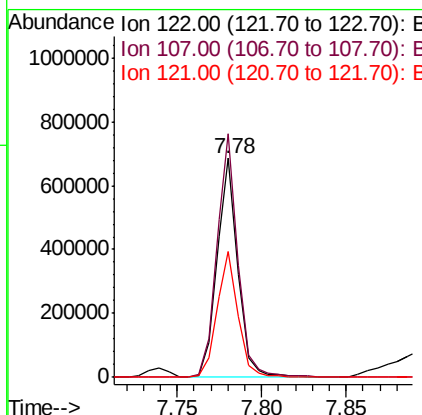
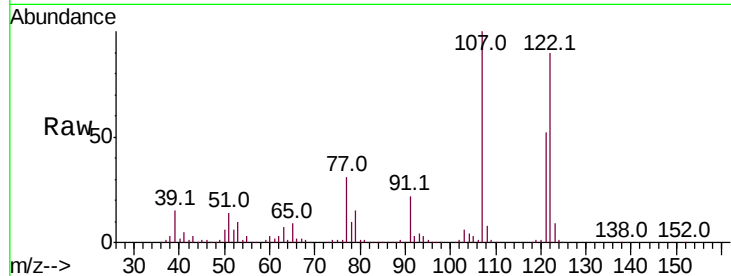




#27
 2,4-Dimethylphenol
 Concen: 38.025 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF114380.D
 Acq: 18 May 2019 10:12

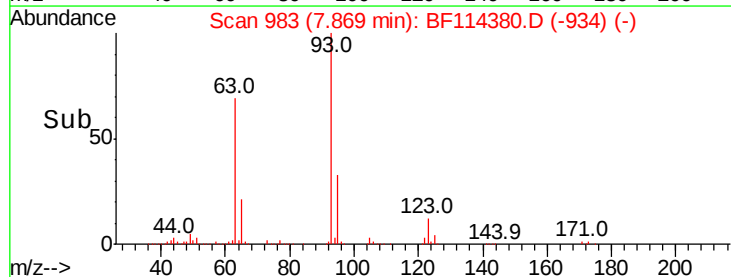
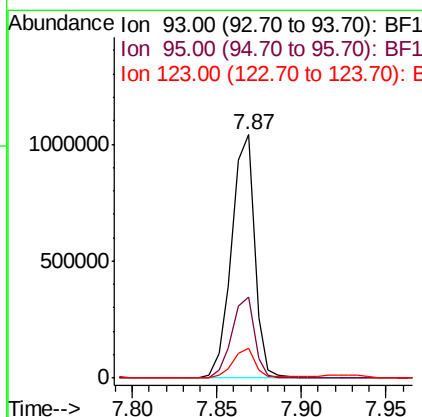
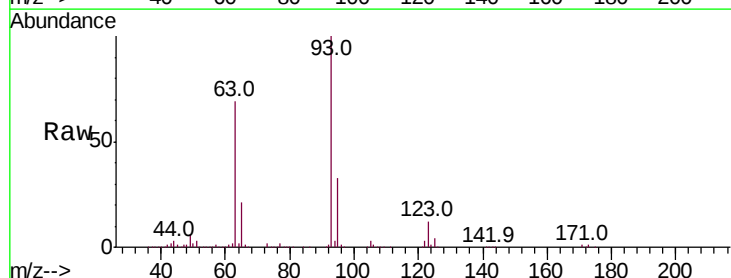
Instrument :
 BNA_F
 ClientSampleId :

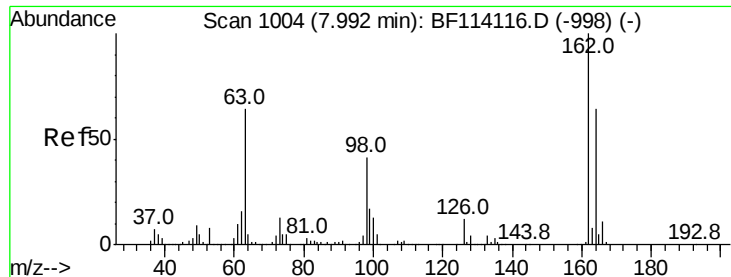
Tot Ion:122 Resp: 590191
 Ion Ratio Lower Upper
 122 100
 107 111.3 88.4 132.6
 121 57.8 45.9 68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.101 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF114380.D
 Acq: 18 May 2019 10:12

Tgt Ion: 93 Resp: 989114
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.8 40.2
 123 12.0 9.5 14.3

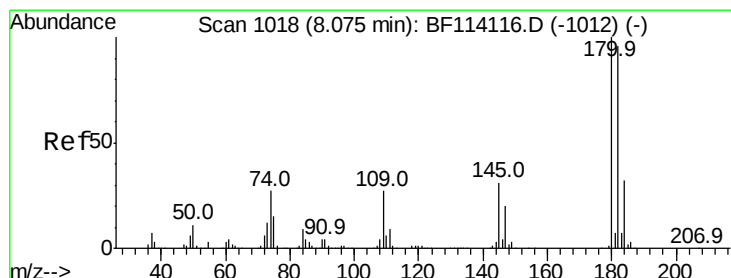
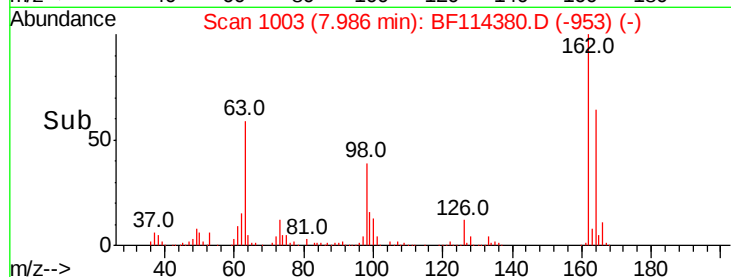
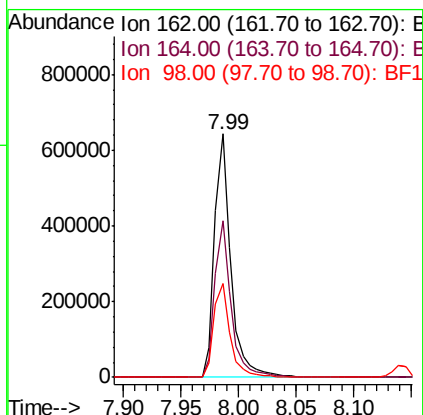
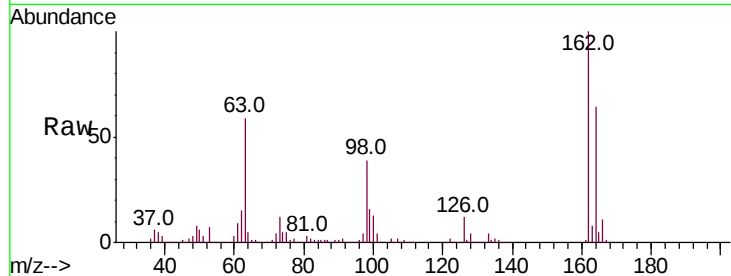




#29
 2,4-Dichlorophenol
 Concen: 40.860 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF114380.D
 Acq: 18 May 2019 10:12

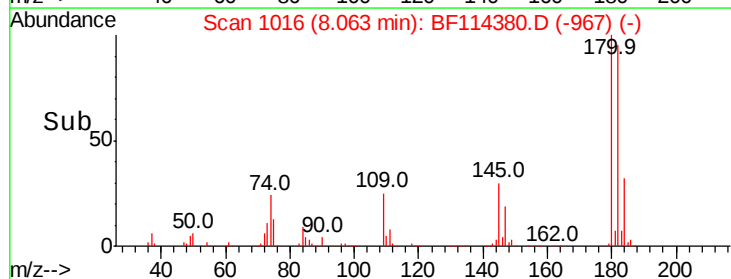
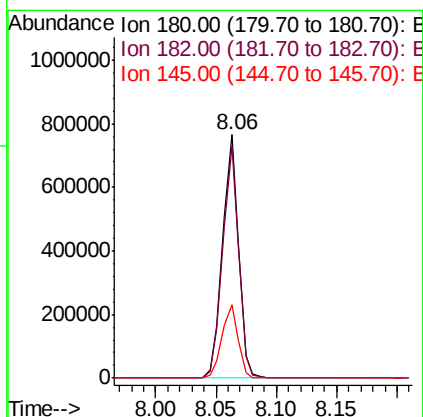
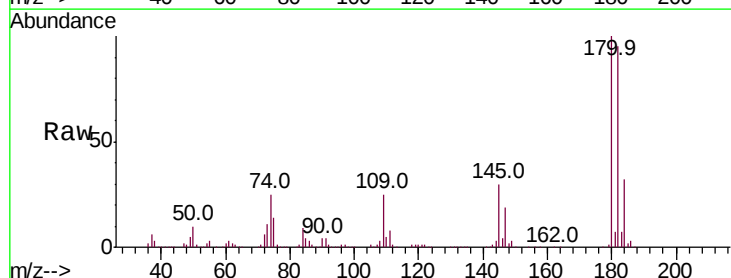
Instrument :
 BNA_F
 ClientSampleId :

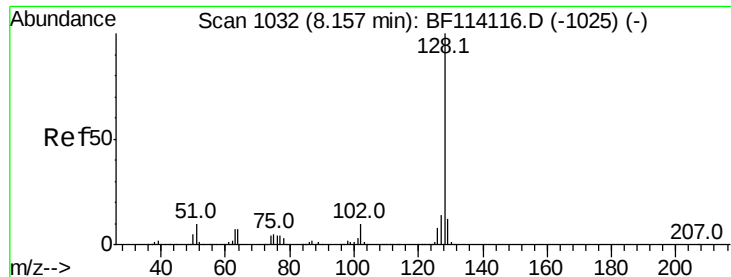
Tot Ion:162 Resp: 631512
 Ion Ratio Lower Upper
 162 100
 164 64.3 43.6 83.6
 98 38.7 20.6 60.6



#30
 1,2,4-Trichlorobenzene
 Concen: 39.643 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF114380.D
 Acq: 18 May 2019 10:12

Tgt Ion:180 Resp: 696719
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.6 114.8
 145 30.4 25.1 37.7

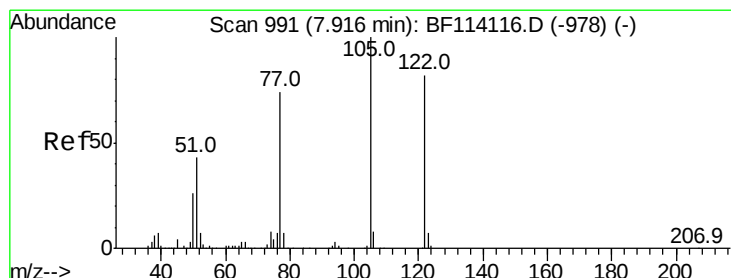
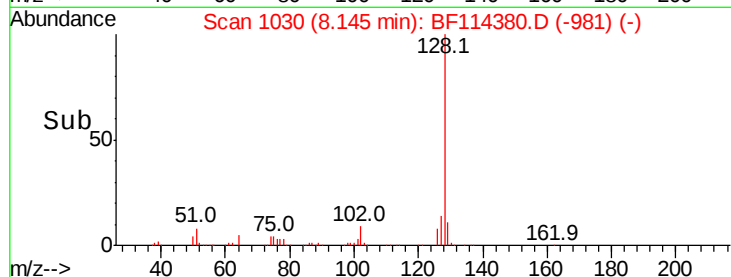
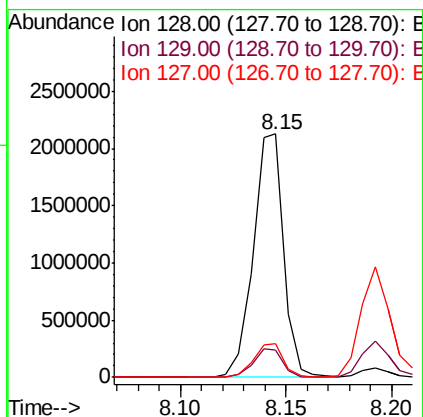
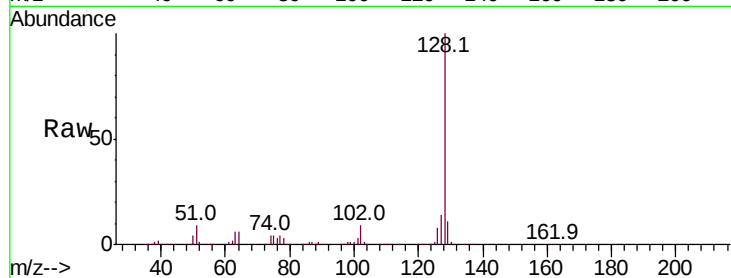




#31
Naphthalene
Concen: 40.518 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

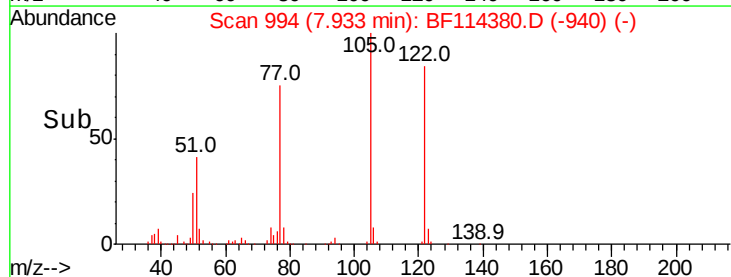
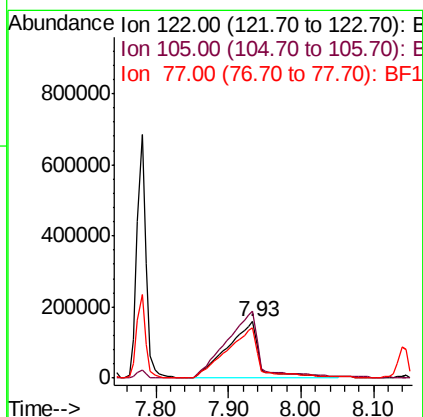
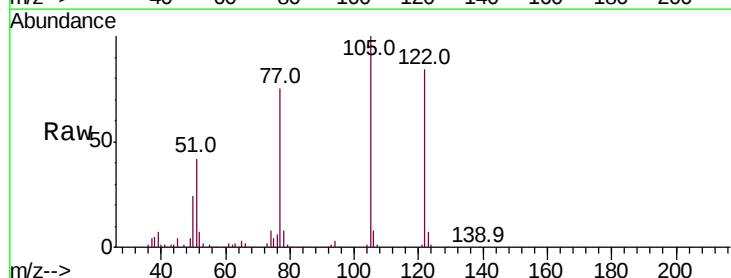
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2124243
Ion Ratio Lower Upper
128 100
129 11.2 9.6 14.4
127 13.7 11.3 16.9



#32
Benzoic acid
Concen: 44.524 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.02 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Tgt Ion:122 Resp: 486163
Ion Ratio Lower Upper
122 100
105 118.6 99.9 139.9
77 88.7 69.4 109.4

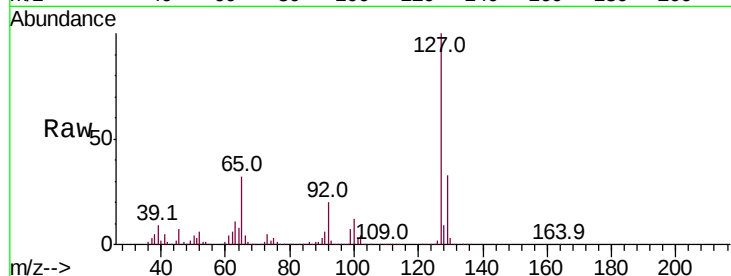




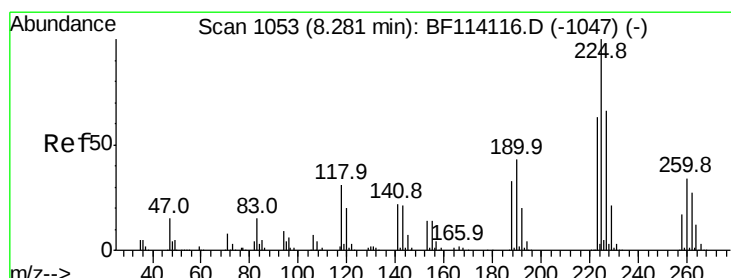
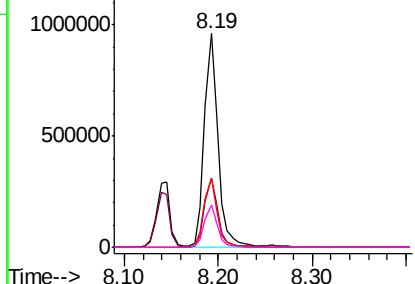
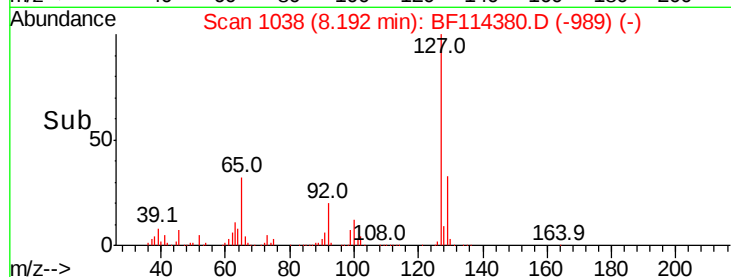
#33
4-Chloroaniline
Concen: 41.097 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	981826
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.7	40.1
65	32.1	25.4	38.0
92	19.8	15.4	23.2

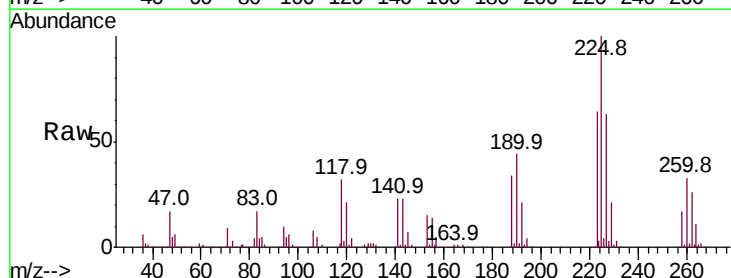


Abundance Ion 127.00 (126.70 to 127.70): E
1500000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

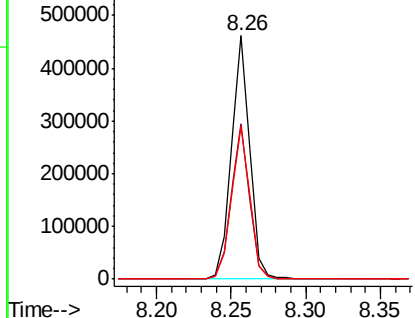
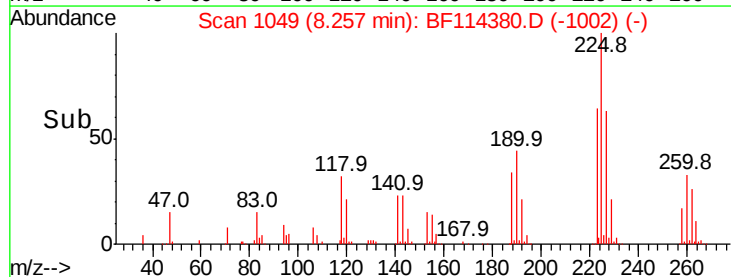


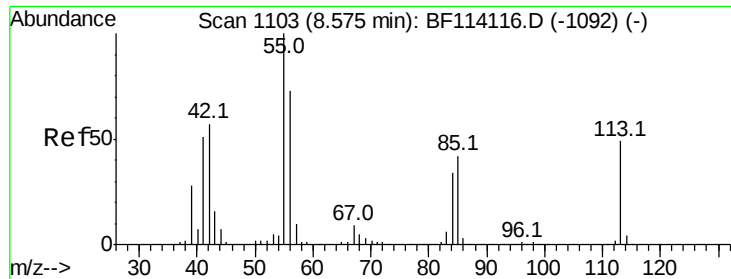
#34
Hexachlorobutadiene
Concen: 40.459 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Tgt Ion:	225	Resp:	404585
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.2	75.2
227	63.0	52.6	79.0



Abundance Ion 225.00 (224.70 to 225.70): E
600000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

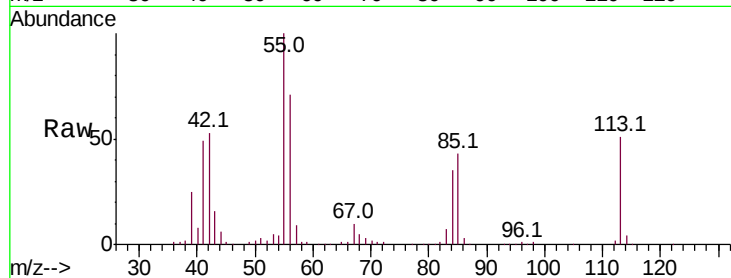




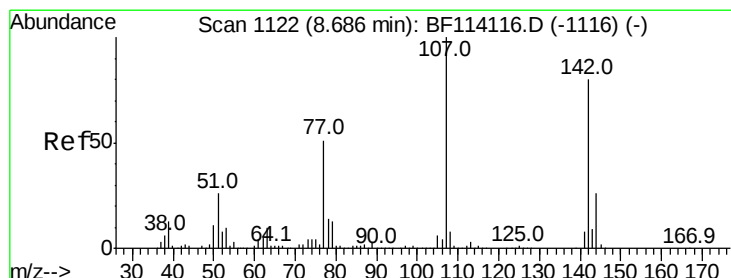
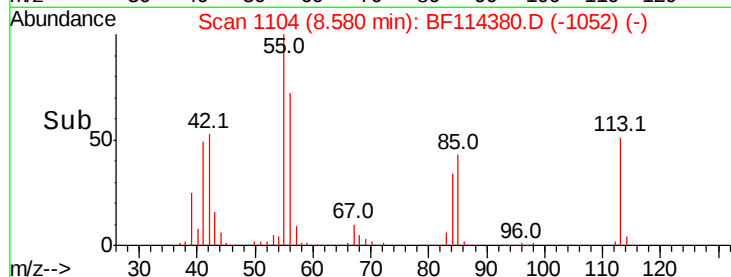
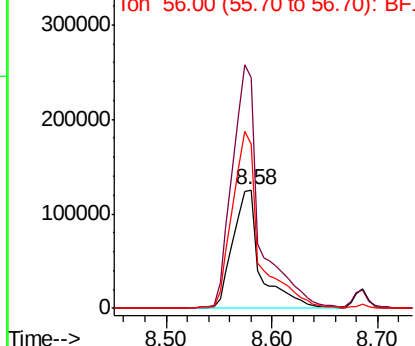
#35
 Caprolactam
 Concen: 45.234 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF114380.D
 Acq: 18 May 2019 10:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 227962
 Ion Ratio Lower Upper
 113 100
 55 194.7 183.5 223.5
 56 139.0 128.8 168.8

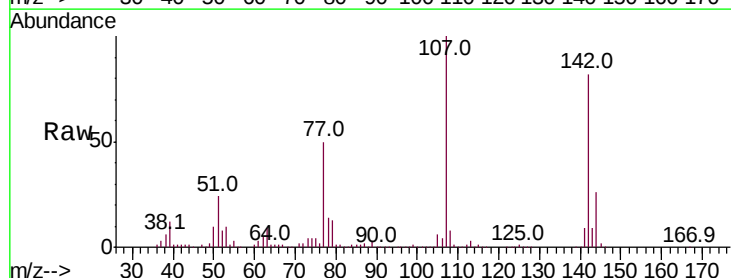


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

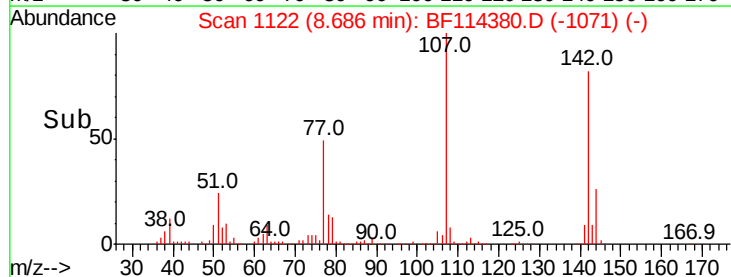
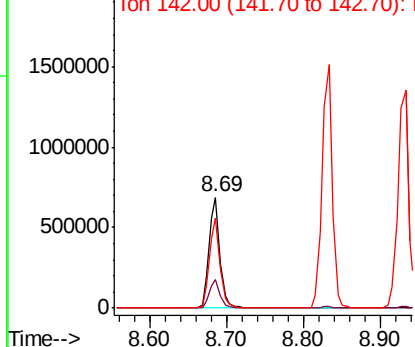


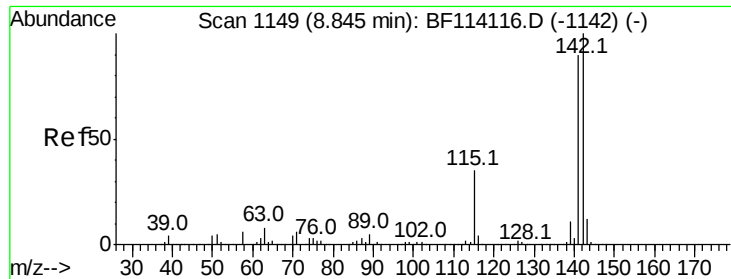
#36
 4-Chloro-3-methylphenol
 Concen: 42.727 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BF114380.D
 Acq: 18 May 2019 10:12

Tgt Ion:107 Resp: 664709
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.4 30.6
 142 81.7 64.2 96.4



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

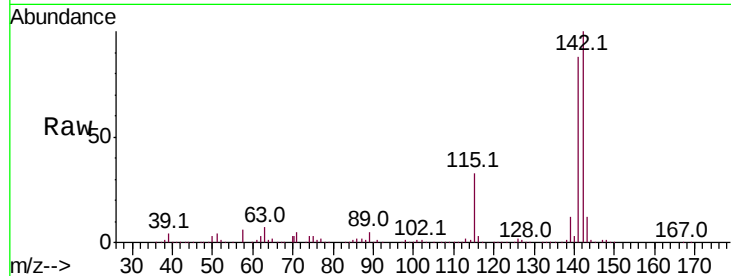




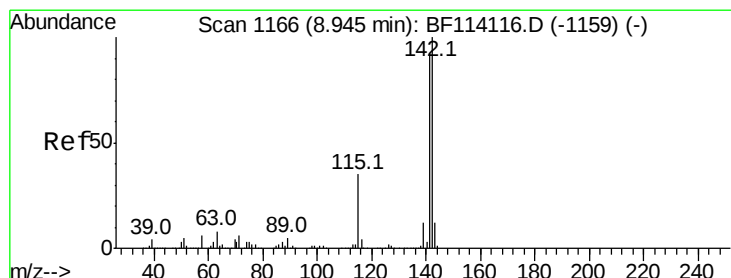
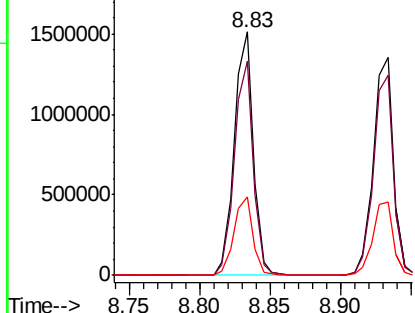
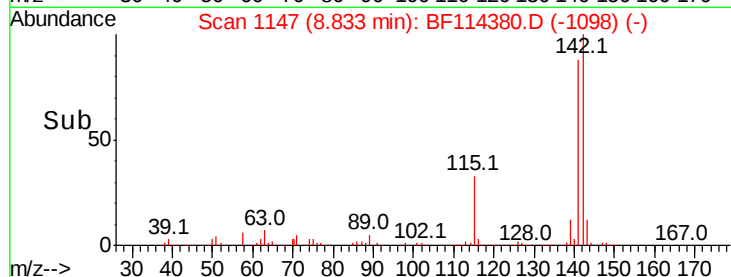
#37
 2-Methylnaphthalene
 Concen: 41.766 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF114380.D
 Acq: 18 May 2019 10:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 1412735
 Ion Ratio Lower Upper
 142 100
 141 87.8 72.1 108.1
 115 32.5 28.0 42.0

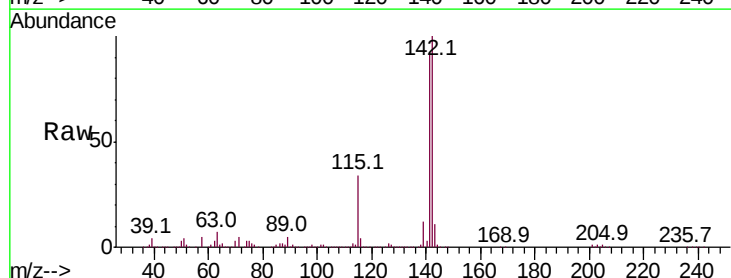


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

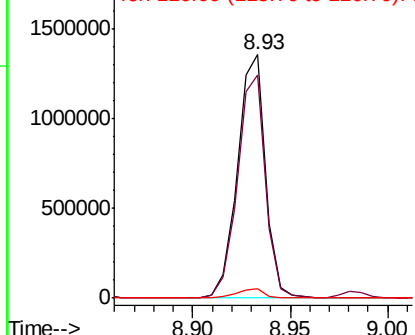
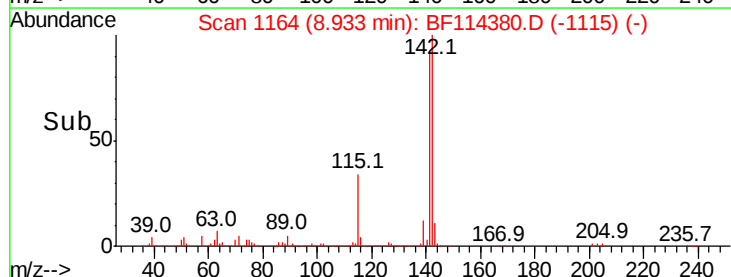


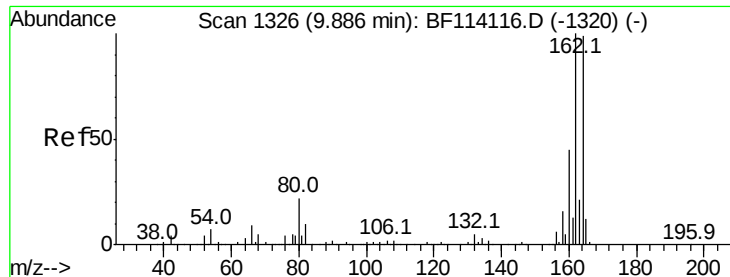
#38
 1-Methylnaphthalene
 Concen: 41.942 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF114380.D
 Acq: 18 May 2019 10:12

Tgt Ion:142 Resp: 1336037
 Ion Ratio Lower Upper
 142 100
 141 91.8 73.4 110.0
 116 3.6 3.1 4.7



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

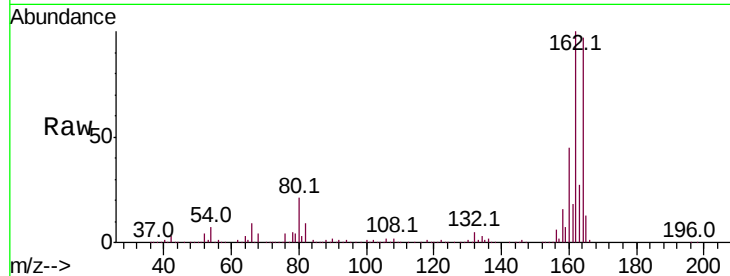




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF114380.D
 Acq: 18 May 2019 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.6	120.8
160	46.3	36.5	54.7

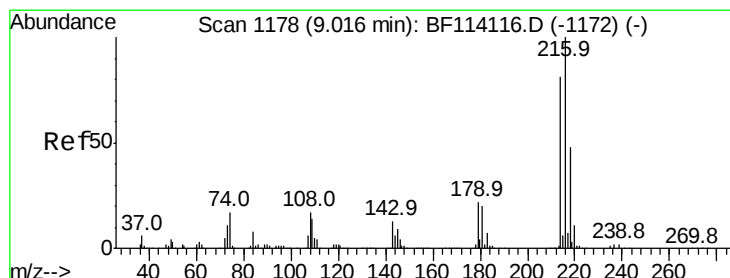
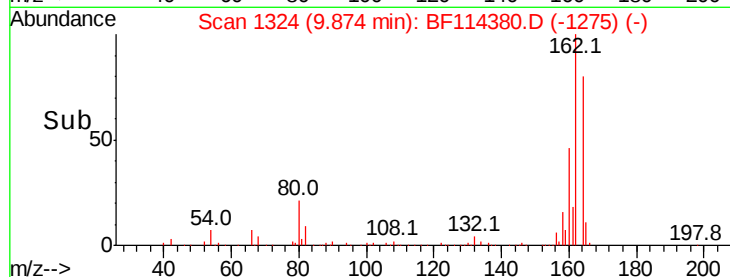
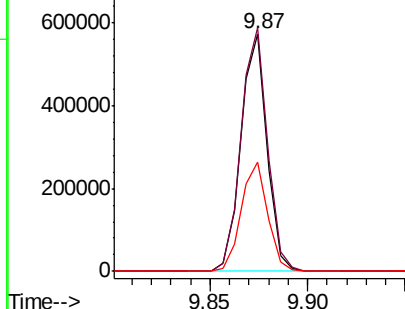


Abundance

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: 40.989 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.02 min
 Lab File: BF114380.D
 Acq: 18 May 2019 10:12

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.9	95.9
179	21.2	17.0	25.6
108	18.2	14.8	22.2

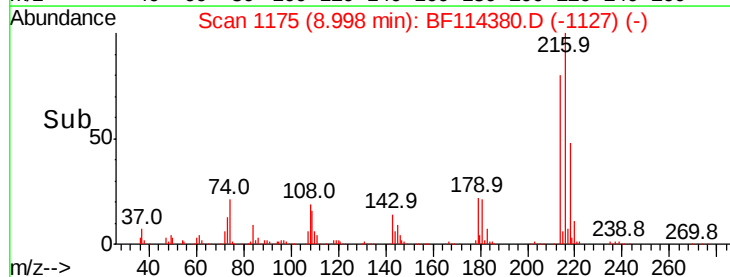
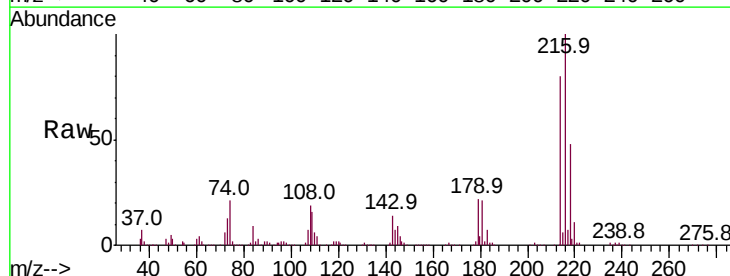
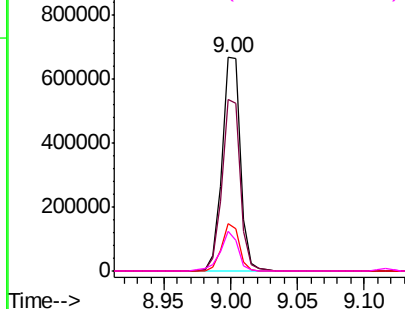
Abundance

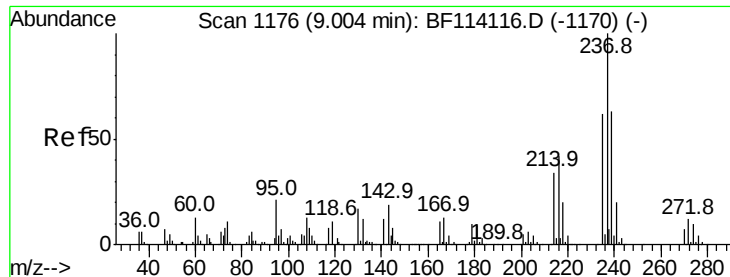
Ion 216.00 (215.70 to 216.70): E

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: 33.178 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.02 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

Instrument :

BNA_F

ClientSampleId :

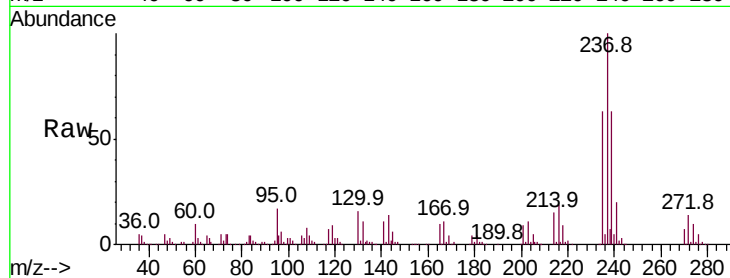
Tot Ion:237 Resp: 227164

Ion Ratio Lower Upper

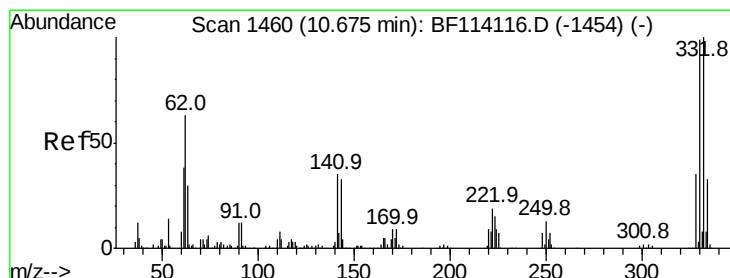
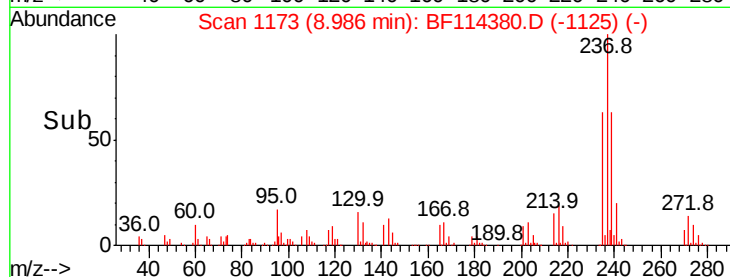
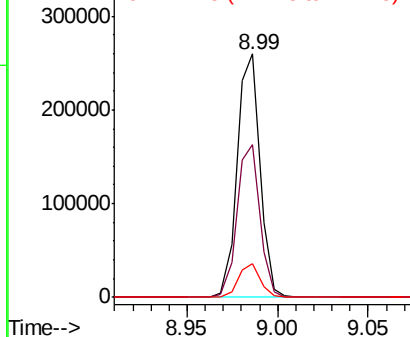
237 100

235 63.0 42.0 82.0

272 13.8 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 77.835 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

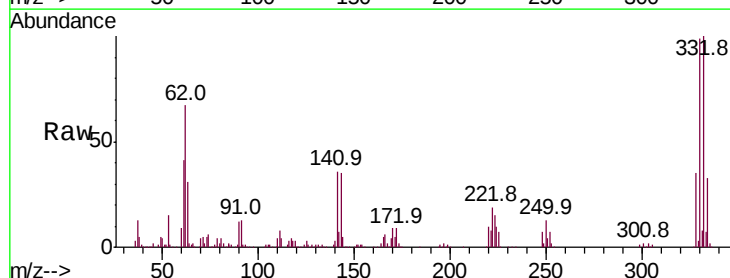
Tgt Ion:330 Resp: 424638

Ion Ratio Lower Upper

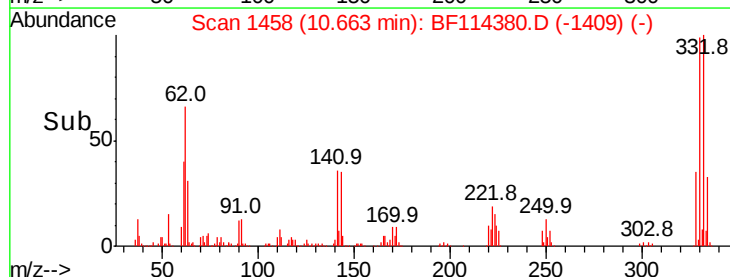
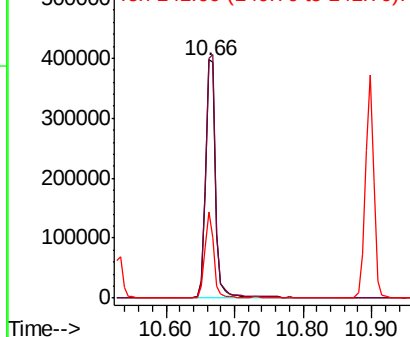
330 100

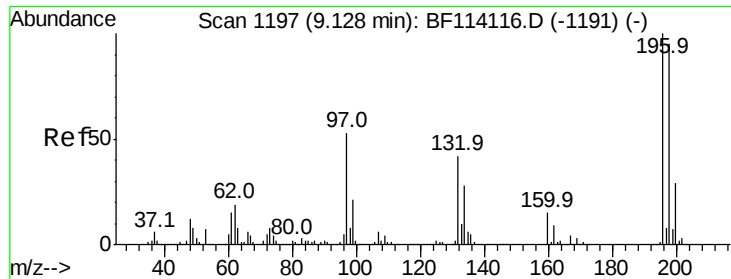
332 100.3 81.4 122.2

141 32.3 26.6 40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

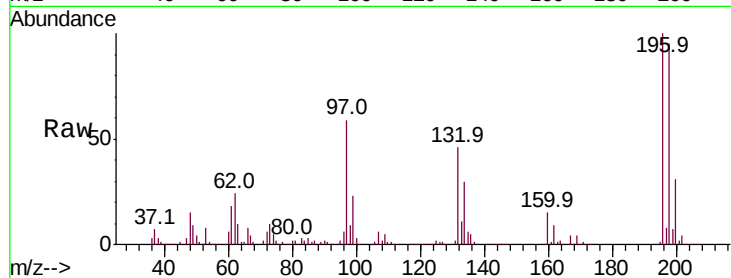




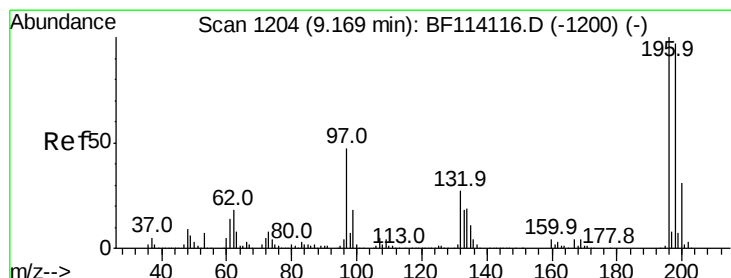
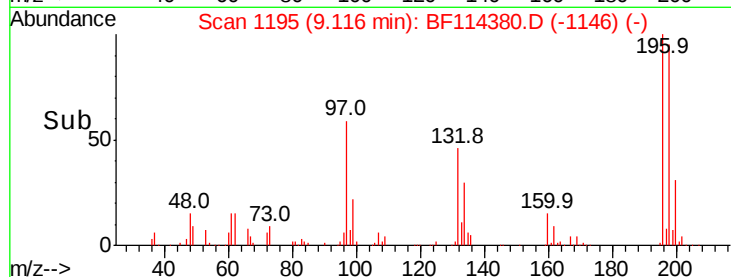
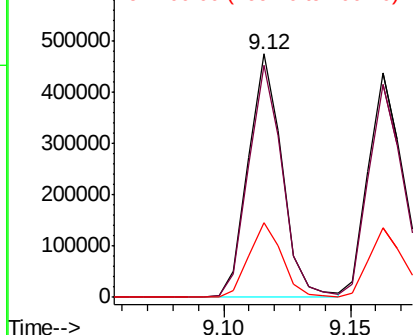
#43
 2,4,6-Trichlorophenol
 Concen: 40.111 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF114380.D
 Acq: 18 May 2019 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 441030
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.9 113.9
 200 30.7 23.5 35.3

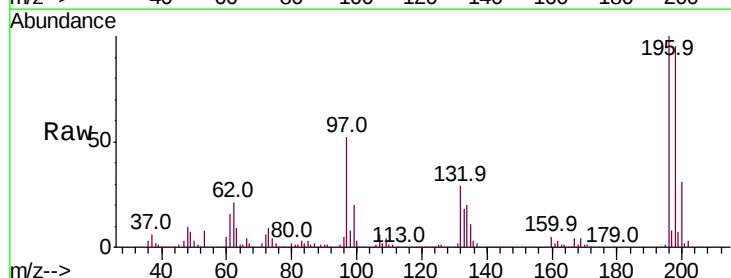


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

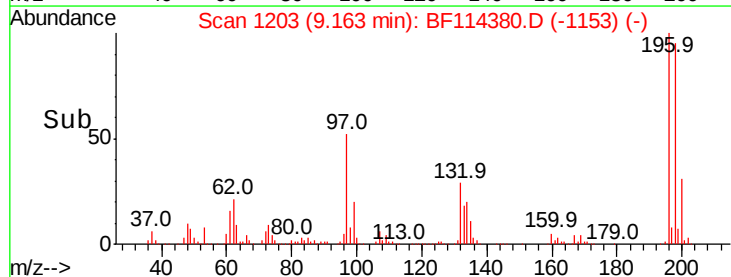
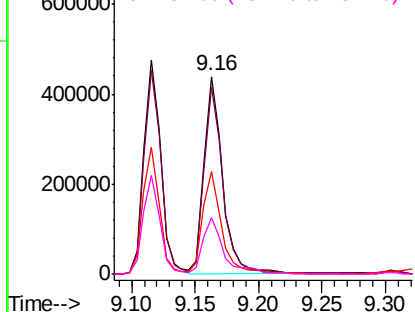


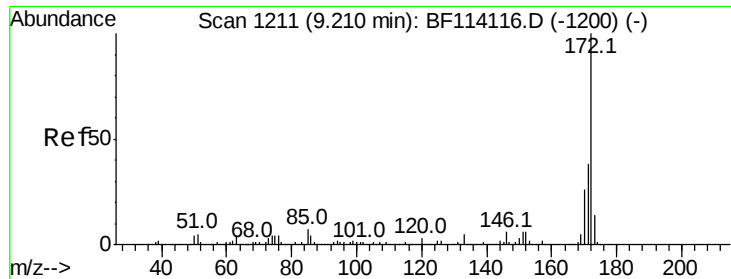
#44
 2,4,5-Trichlorophenol
 Concen: 39.911 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114380.D
 Acq: 18 May 2019 10:12

Tgt Ion:196 Resp: 450046
 Ion Ratio Lower Upper
 196 100
 198 94.7 77.7 116.5
 97 52.0 38.2 57.2
 132 28.8 21.4 32.2



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

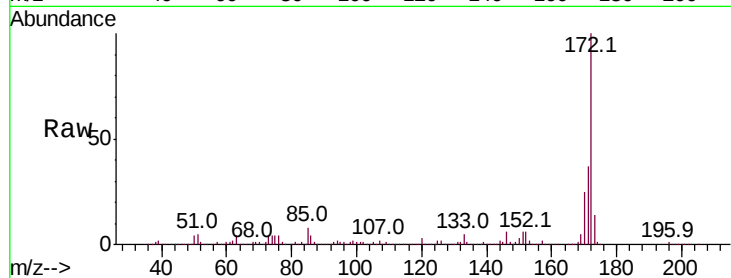




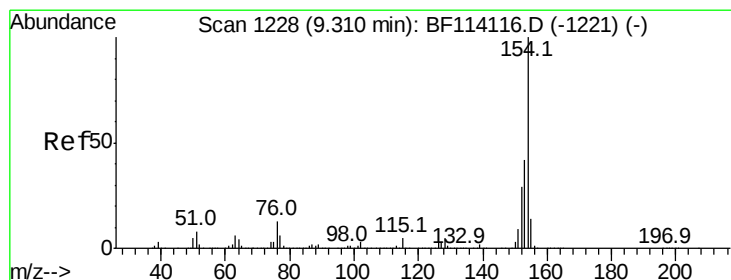
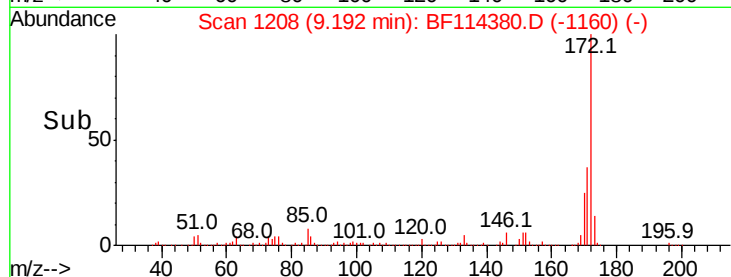
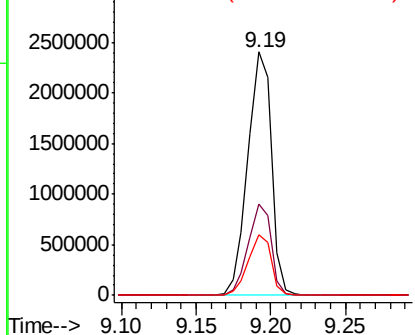
#45
2-Fluorobiphenyl
Concen: 75.475 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2633024
Ion Ratio Lower Upper
172 100
171 37.2 30.7 46.1
170 25.1 20.5 30.7

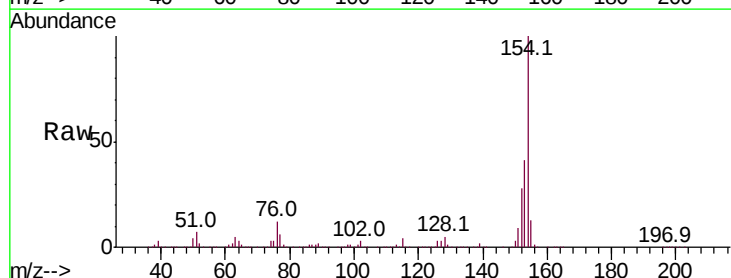


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

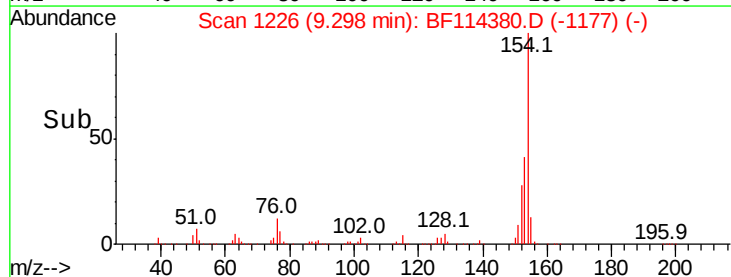
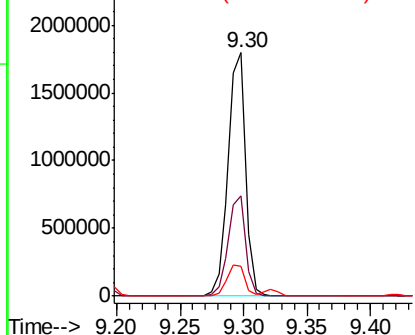


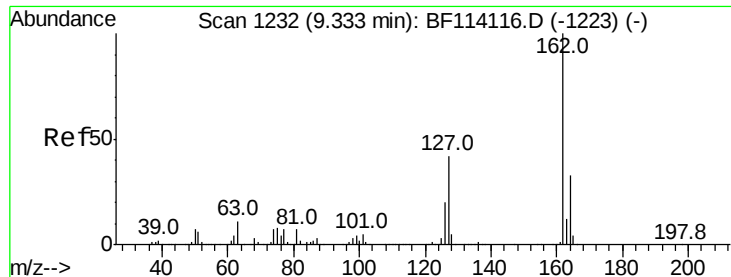
#46
1,1'-Biphenyl
Concen: 40.160 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Tgt Ion:154 Resp: 1712104
Ion Ratio Lower Upper
154 100
153 41.1 21.9 61.9
76 12.1 0.0 32.8



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



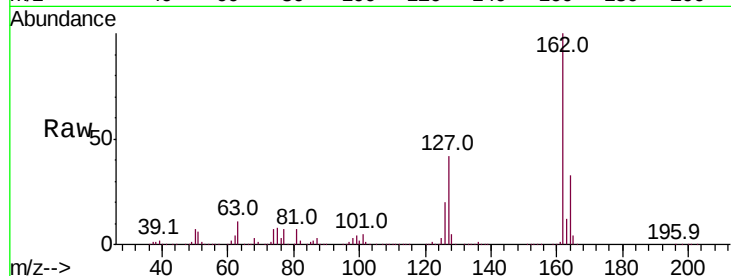


#47
 2-Chloronaphthalene
 Concen: 39.937 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF114380.D
 Acq: 18 May 2019 10:12

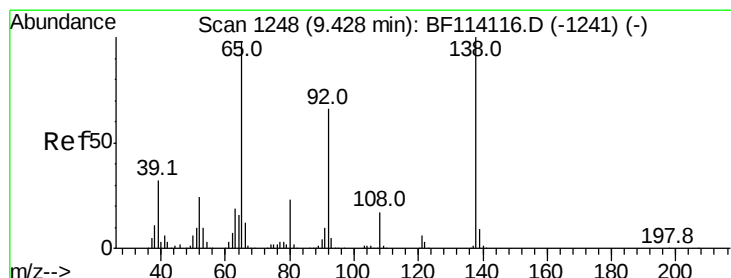
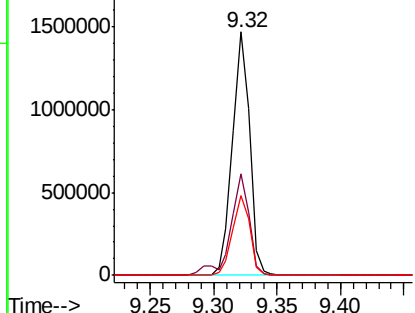
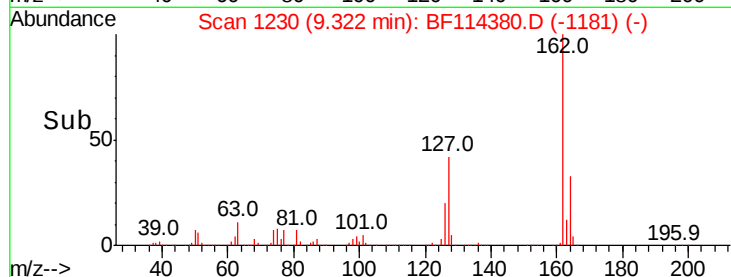
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1370219

Ion	Ratio	Lower	Upper
162	100		
127	41.9	34.0	51.0
164	33.0	26.7	40.1



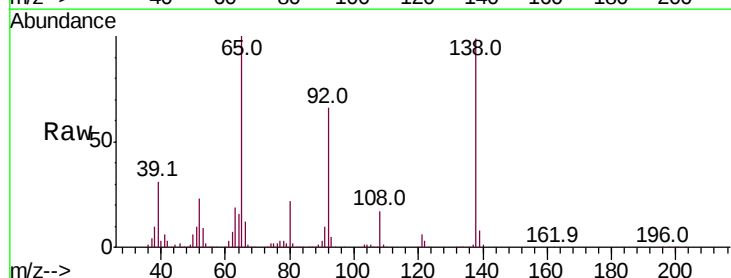
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



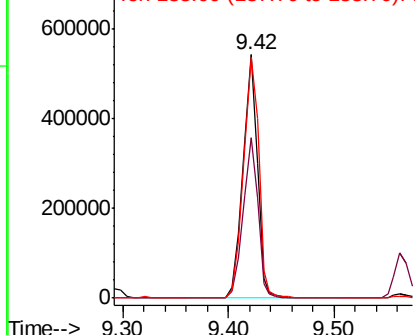
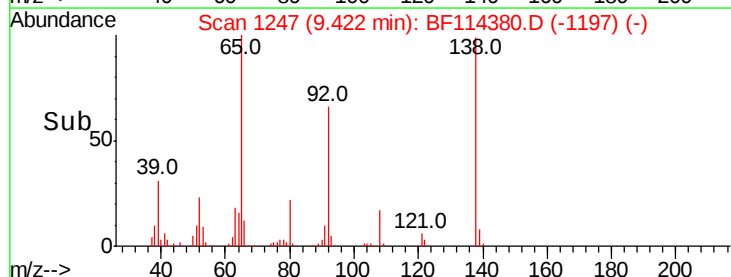
#48
 2-Nitroaniline
 Concen: 41.718 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF114380.D
 Acq: 18 May 2019 10:12

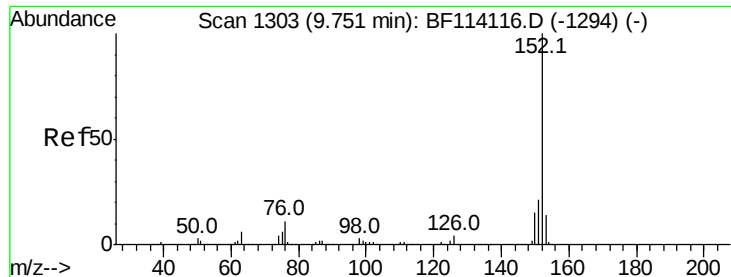
Tgt Ion: 65 Resp: 507619

Ion	Ratio	Lower	Upper
65	100		
92	66.1	53.9	80.9
138	99.2	81.4	122.0



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: 39.770 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

Instrument :

BNA_F

ClientSampleId :

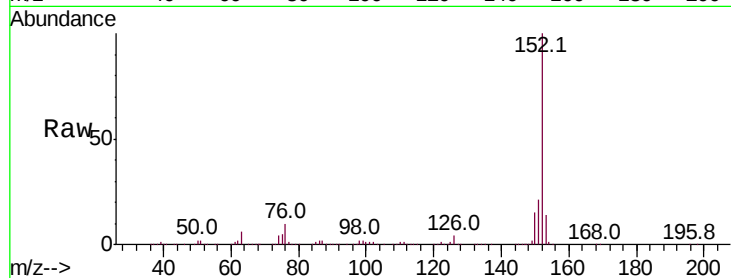
Tot Ion:152 Resp: 2075314

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

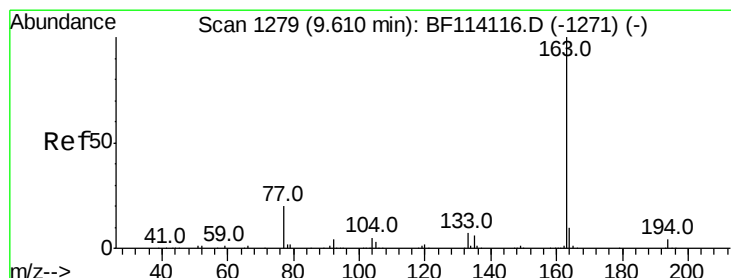
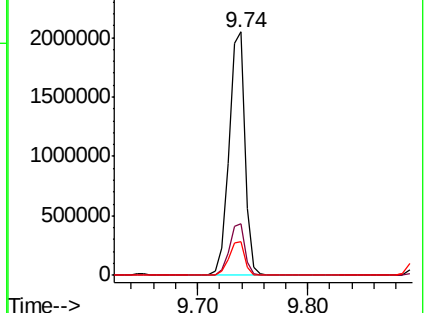
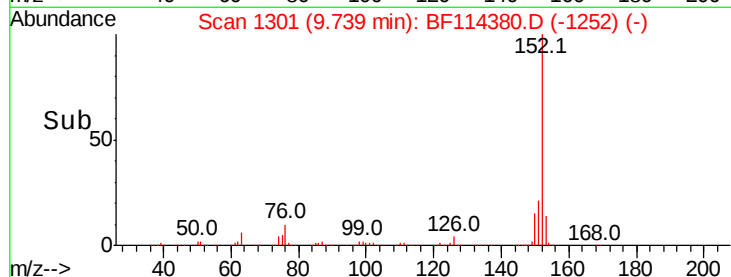
153 13.7 11.4 17.2



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: 42.146 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

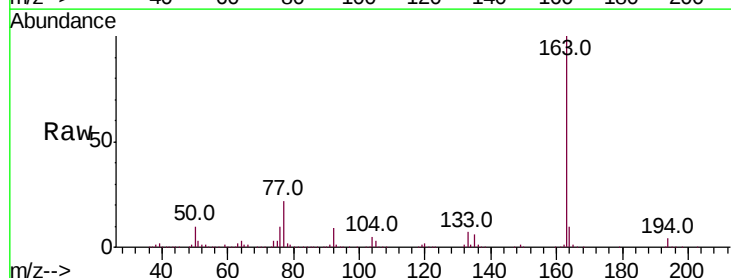
Tgt Ion:163 Resp: 1632676

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

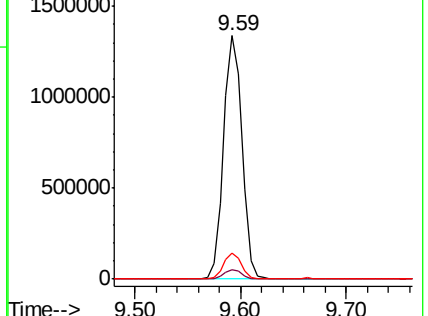
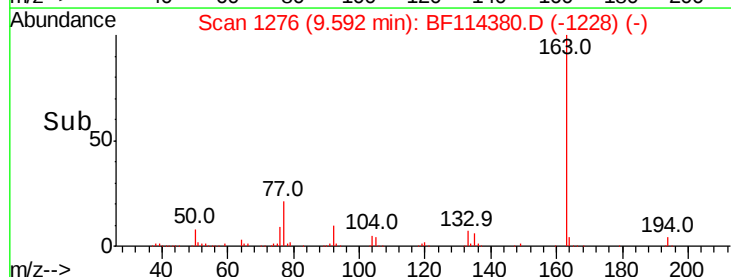
164 10.5 8.2 12.2

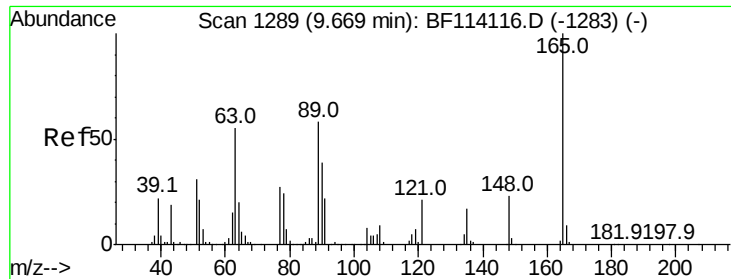


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.139 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

Instrument :

BNA_F

ClientSampleId :

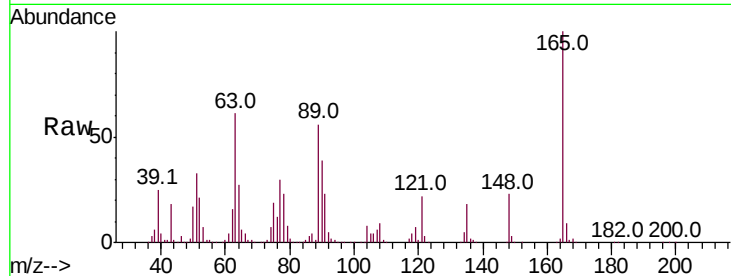
Tot Ion:165 Resp: 353479

Ion Ratio Lower Upper

165 100

63 60.8 50.2 75.4

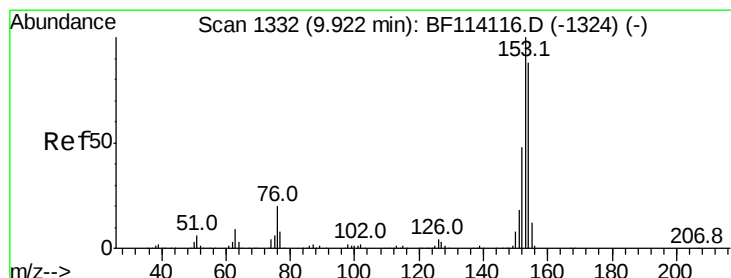
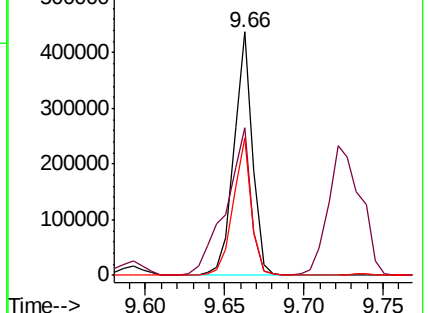
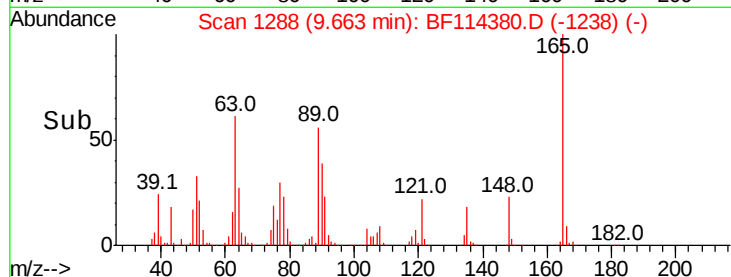
89 56.4 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.150 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

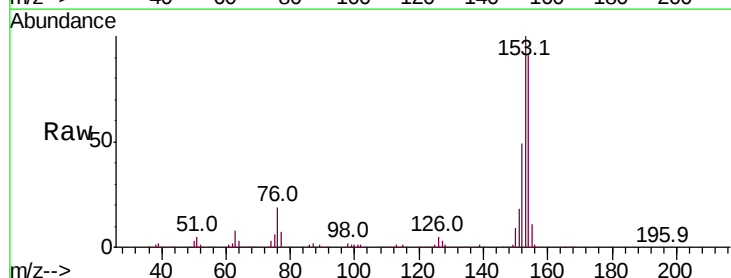
Tgt Ion:154 Resp: 1253639

Ion Ratio Lower Upper

154 100

153 110.4 90.5 135.7

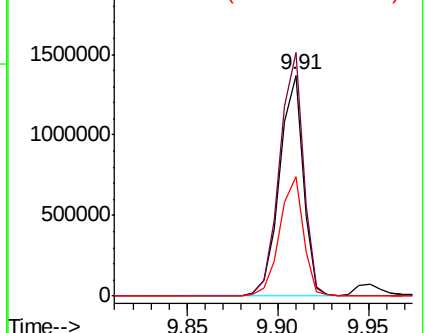
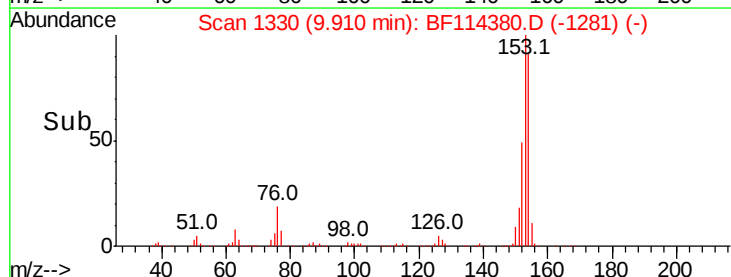
152 54.0 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

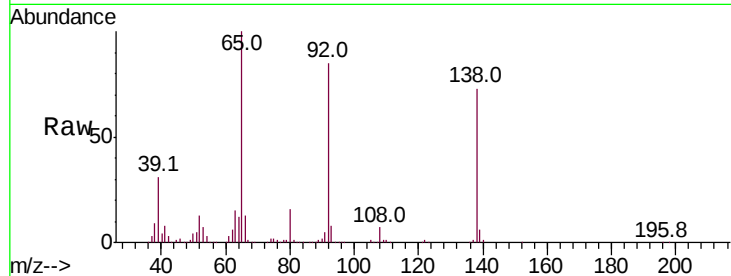




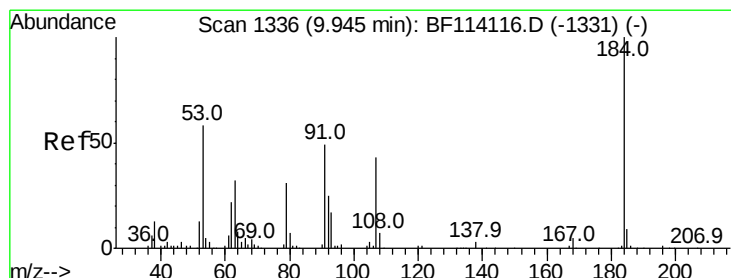
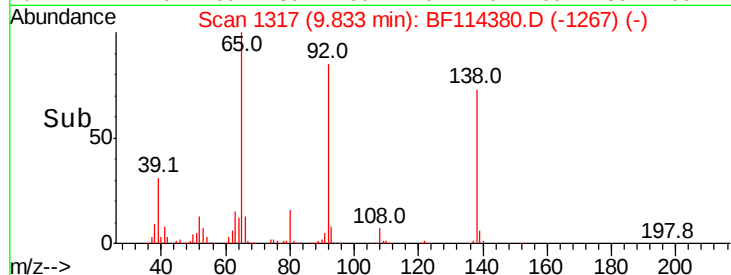
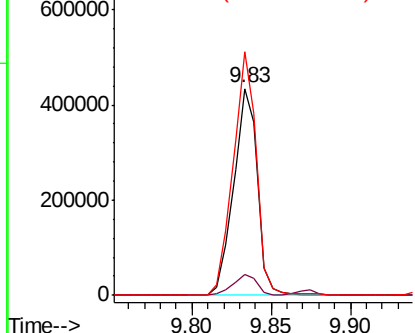
#53
3-Nitroaniline
Concen: 42.180 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 449885
Ion Ratio Lower Upper
138 100
108 10.3 7.8 11.6
92 117.9 91.2 136.8

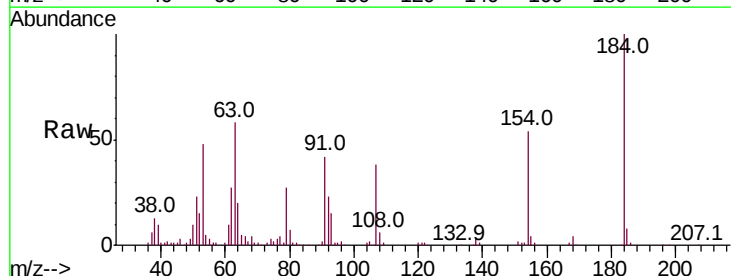


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

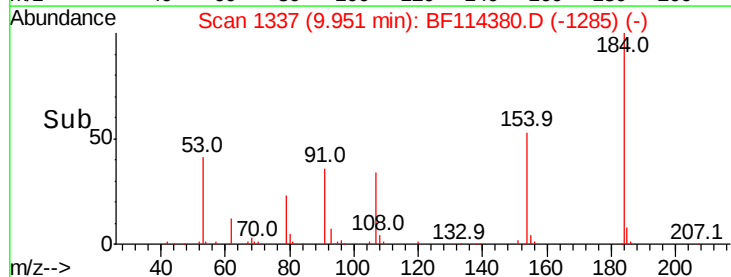
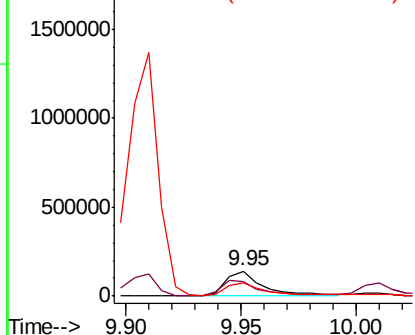


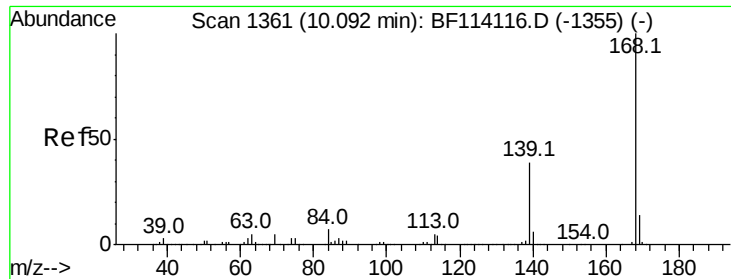
#54
2,4-Dinitrophenol
Concen: 41.380 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Tgt Ion:184 Resp: 163419
Ion Ratio Lower Upper
184 100
63 58.3 55.6 83.4
154 53.6 46.0 69.0



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

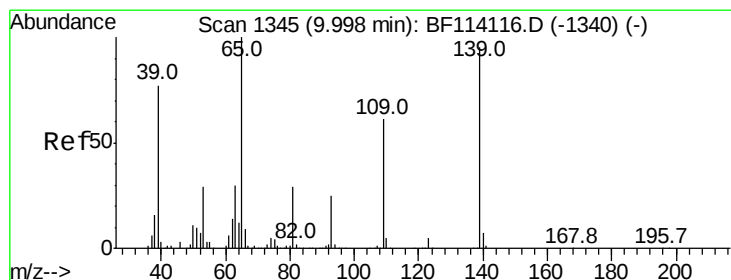
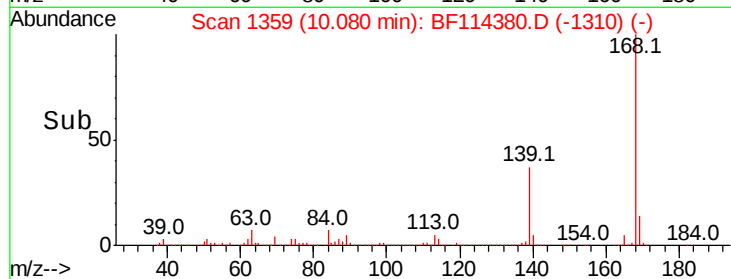
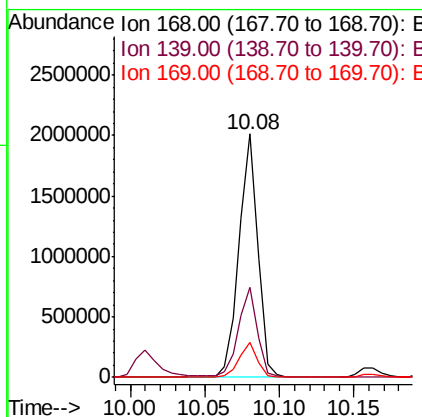
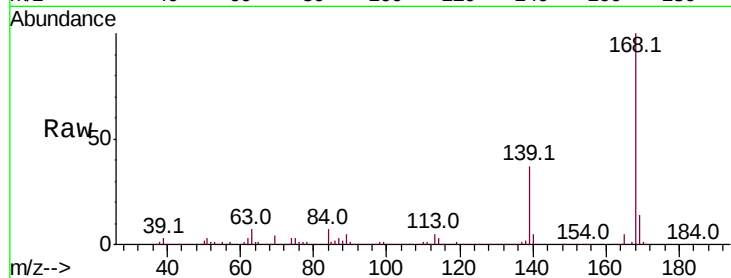




#55
Dibenzenofuran
Concen: 37.915 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

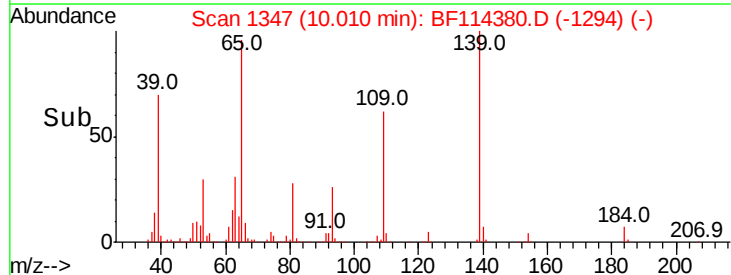
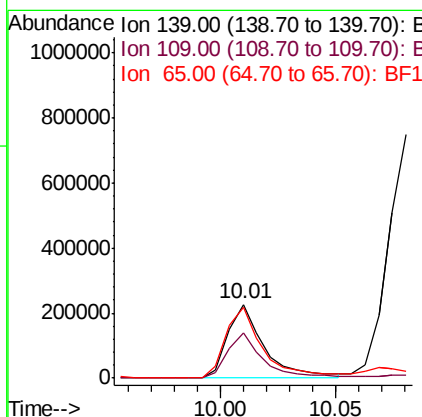
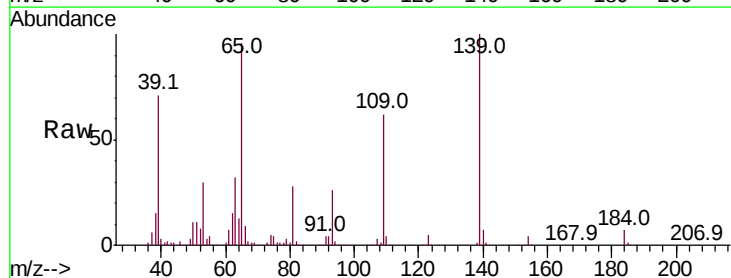
Instrument :
BNA_F
ClientSampleId :

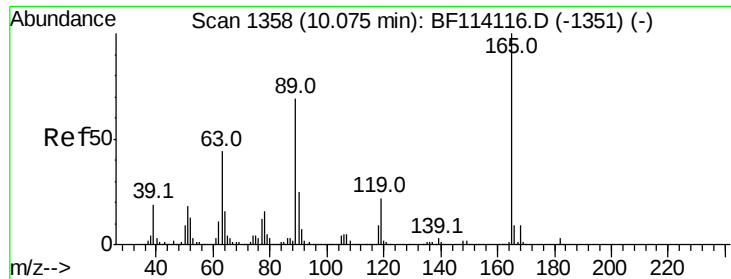
Tot Ion:168 Resp: 1780289
Ion Ratio Lower Upper
168 100
139 37.2 31.1 46.7
169 14.1 11.4 17.0



#56
4-Nitrophenol
Concen: 33.092 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Tgt Ion:139 Resp: 249609
Ion Ratio Lower Upper
139 100
109 61.8 43.9 83.9
65 95.8 85.7 125.7





#57

2,4-Dinitrotoluene

Concen: 38.292 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 446569

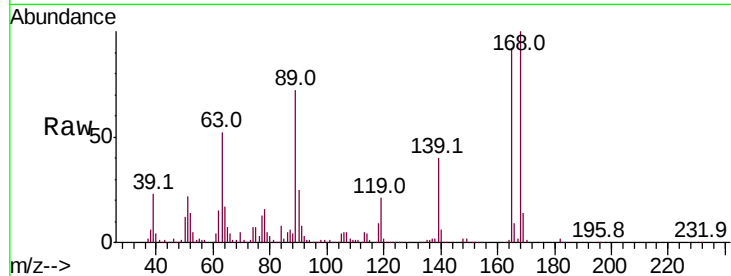
Ion Ratio Lower Upper

165 100

63 56.2 35.5 53.3#

89 78.4 55.2 82.8

182 2.2 2.2 3.2

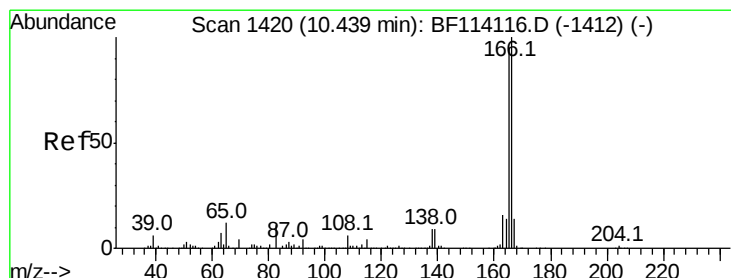
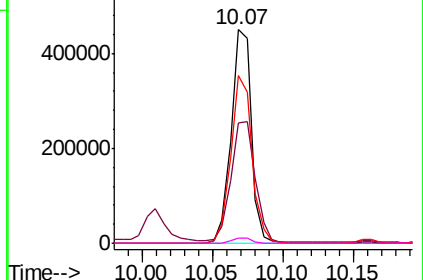
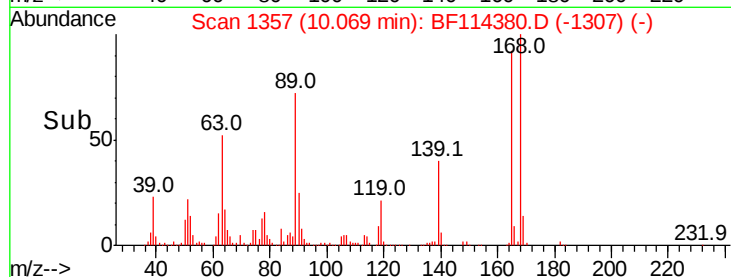


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.935 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.02 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

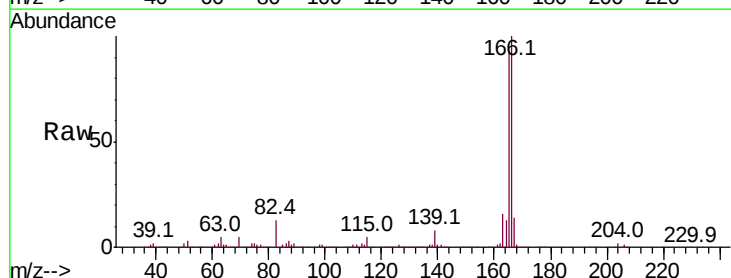
Tgt Ion:166 Resp: 1448385

Ion Ratio Lower Upper

166 100

165 92.6 76.1 114.1

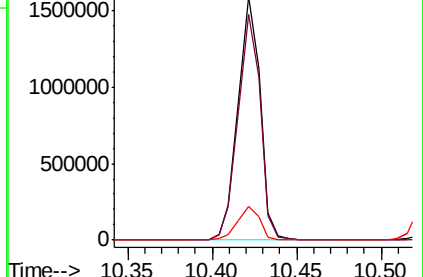
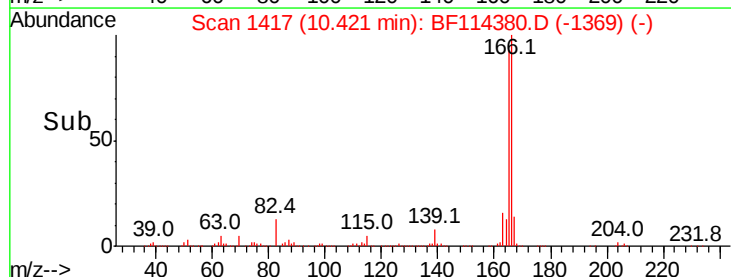
167 13.6 11.1 16.7

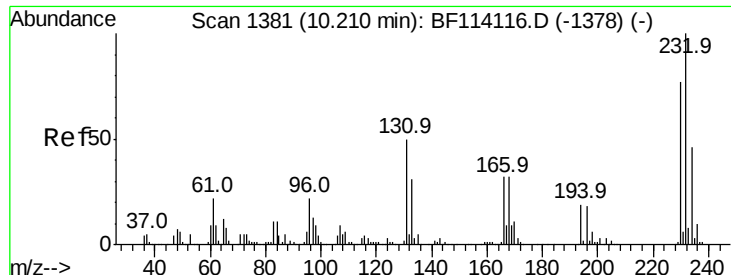


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

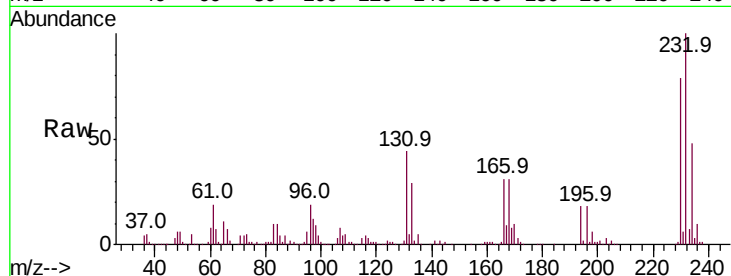




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.039 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF114380.D
 Acq: 18 May 2019 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.3	35.6	53.4
130	2.2	1.6	2.4
166	29.7	24.1	36.1



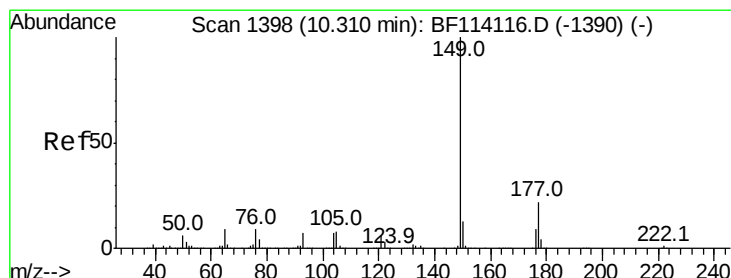
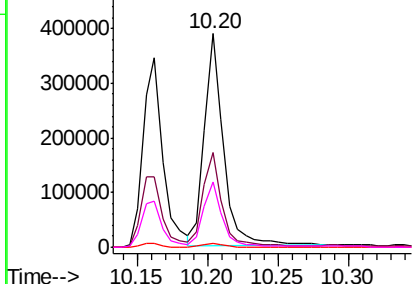
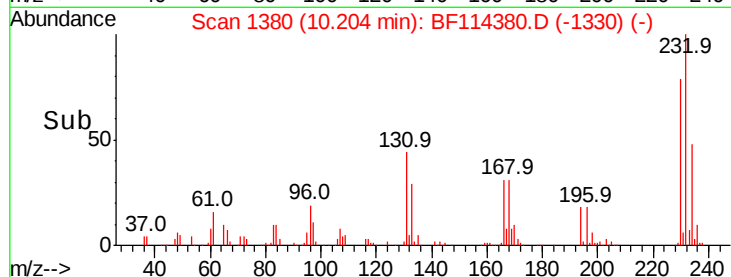
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

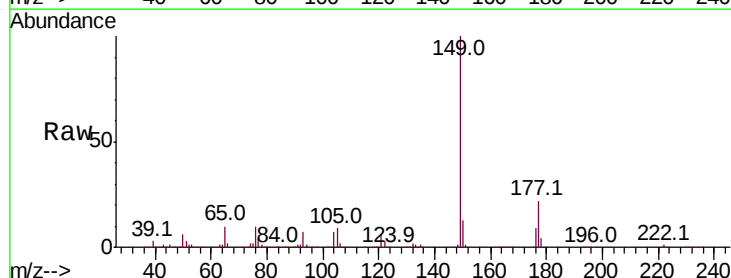
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.202 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.02 min
 Lab File: BF114380.D
 Acq: 18 May 2019 10:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.8	26.6
150	12.8	10.2	15.2

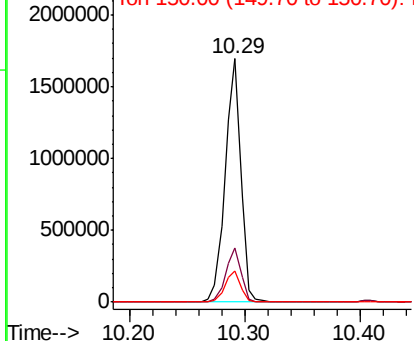
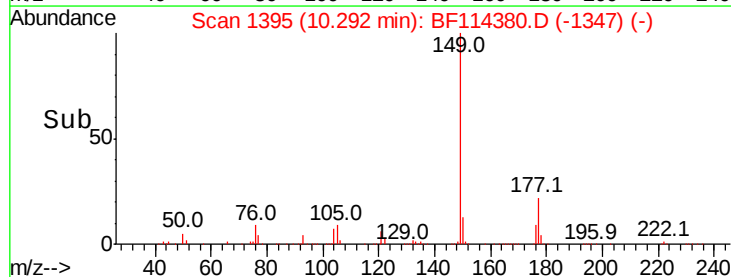


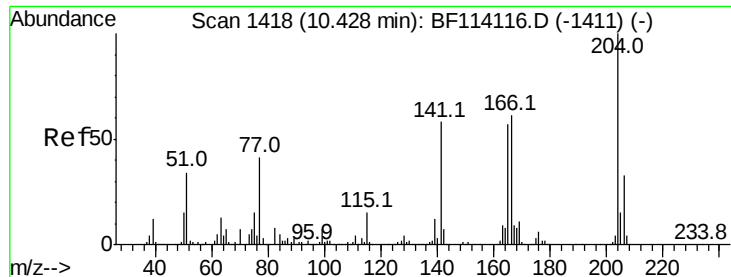
Abundance

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

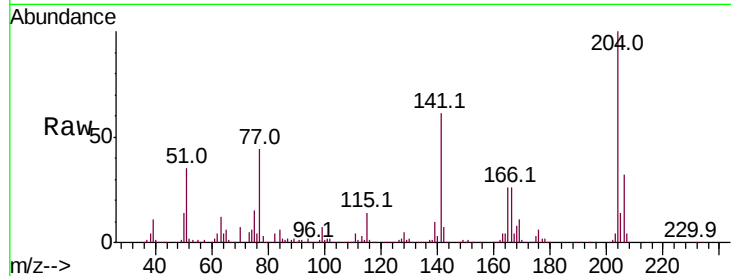




#61
4-Chlorophenyl-phenylether
Concen: 39.579 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.6	39.8
141	60.7	46.4	69.6

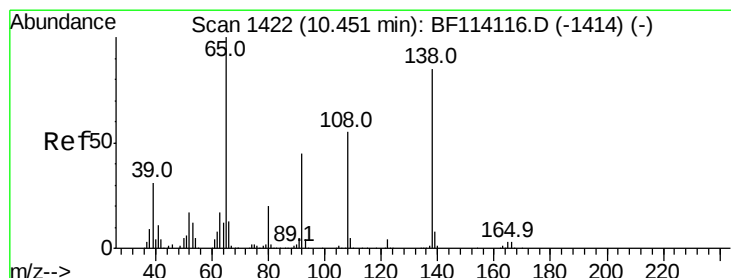
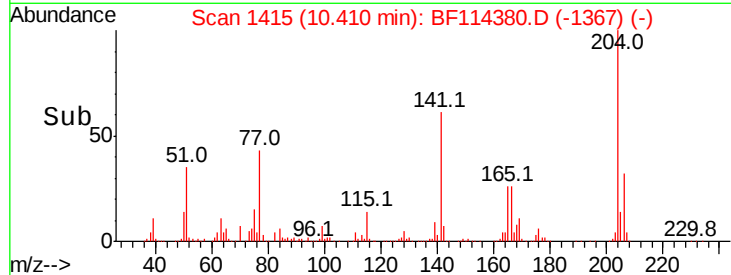
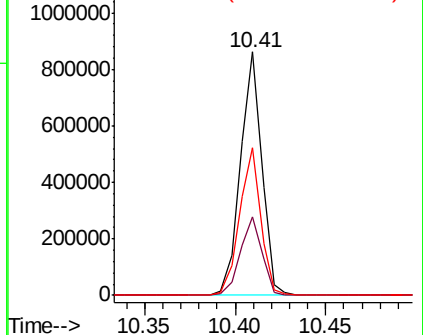


Abundance

Ion 204.00 (203.70 to 204.70): E

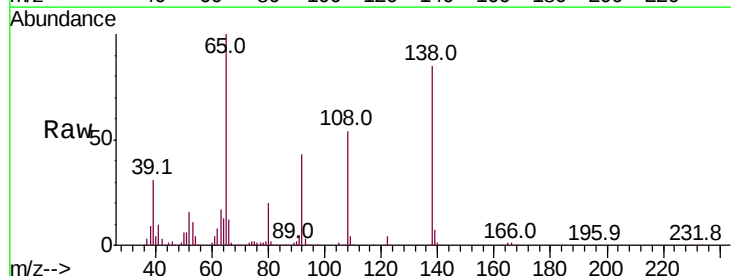
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.651 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.1	33.0	73.0
108	62.9	44.9	84.9

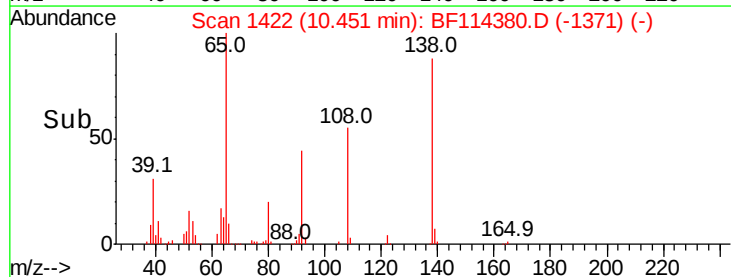
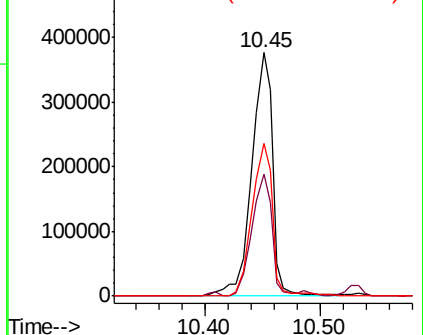


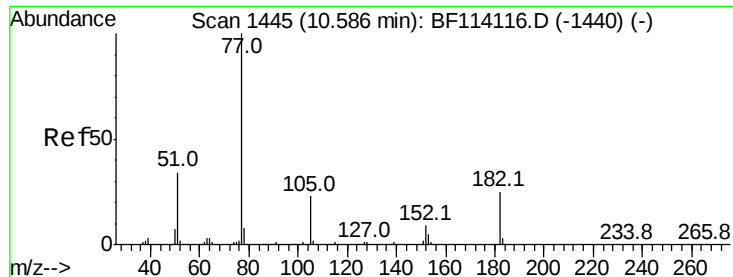
Abundance

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

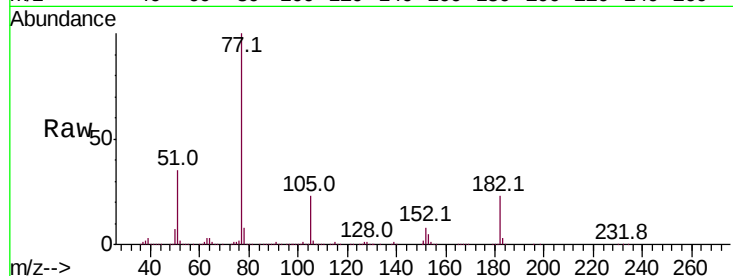




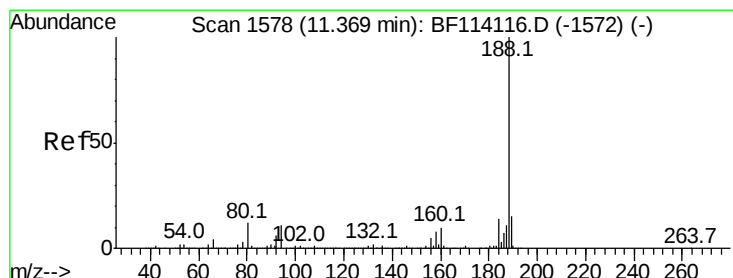
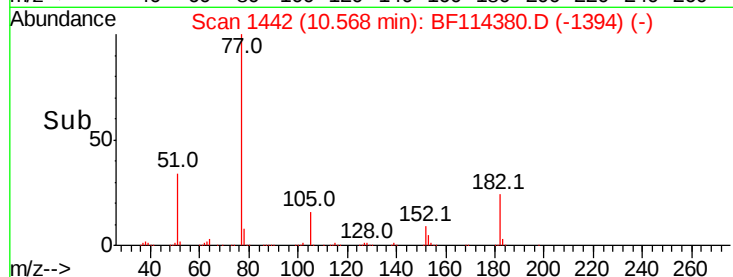
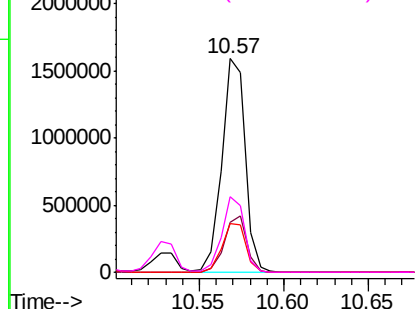
#63
Azobenzene
Concen: 40.262 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1533950
Ion Ratio Lower Upper
77 100
182 23.5 4.7 44.7
105 23.1 2.9 42.9
51 35.5 14.6 54.6

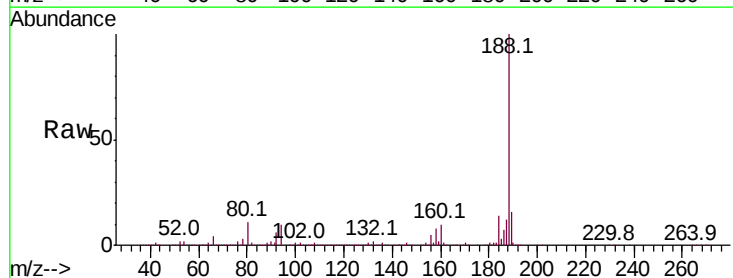


Abundance Ion 77.00 (76.70 to 77.70): BF1
2500000 Ion 182.00 (181.70 to 182.70): E
2000000 Ion 105.00 (104.70 to 105.70): E
1500000 Ion 51.00 (50.70 to 51.70): BF1
1000000
500000
0

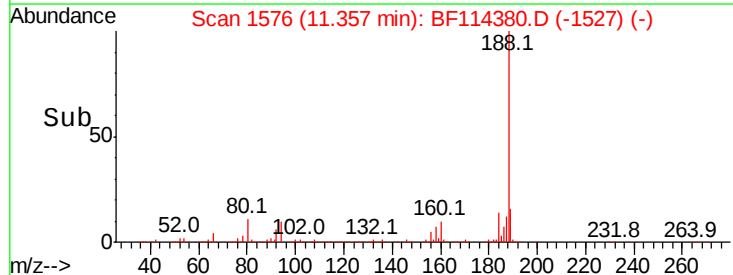
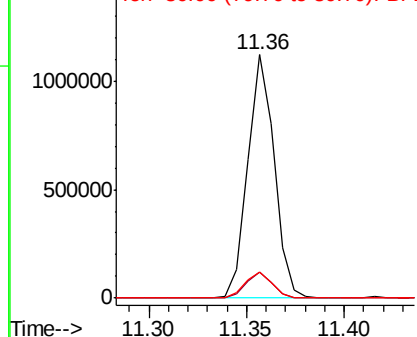


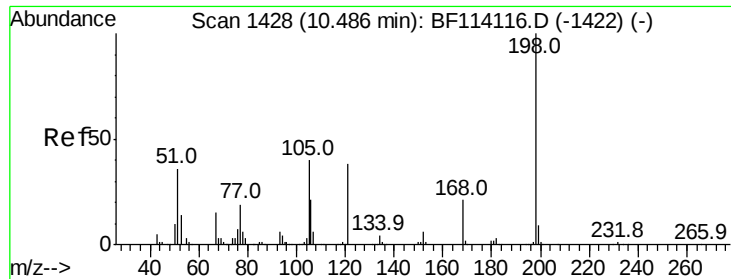
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Tgt Ion: 188 Resp: 1054199
Ion Ratio Lower Upper
188 100
94 10.5 8.4 12.6
80 10.8 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
1500000 Ion 94.00 (93.70 to 94.70): BF1
1000000 Ion 80.00 (79.70 to 80.70): BF1
500000
0

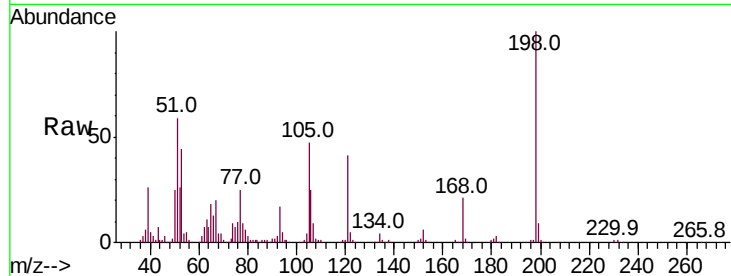




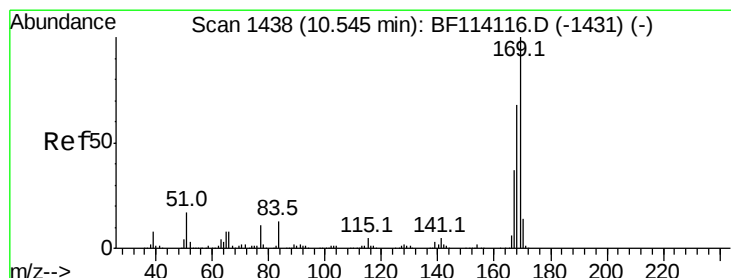
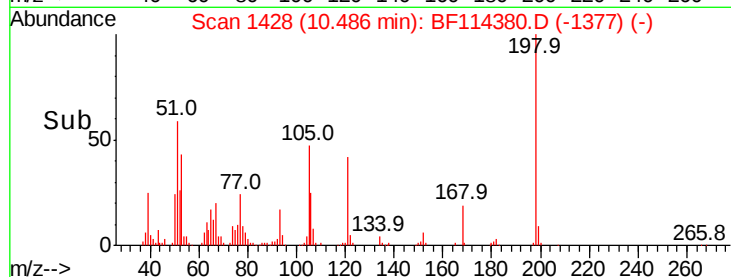
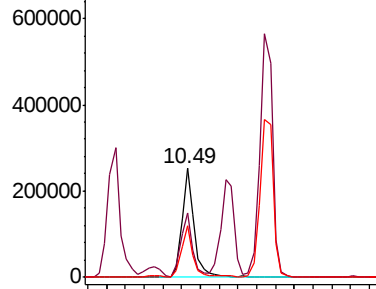
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.188 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: BF114380.D
 Acq: 18 May 2019 10:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	59.2	28.0	68.0
105	47.0	21.1	61.1

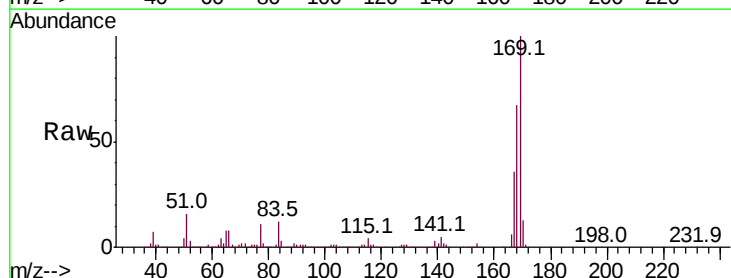


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

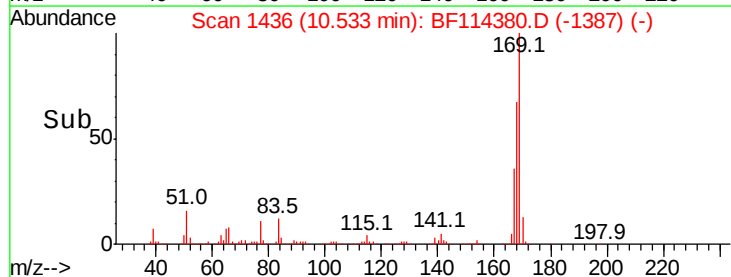
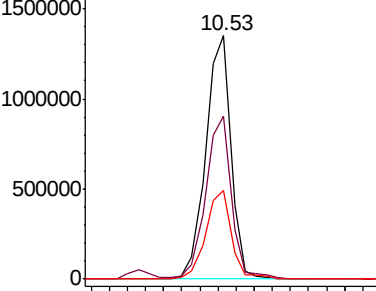


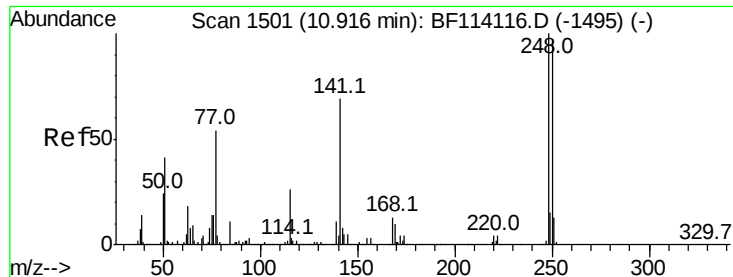
#66
 n-Nitrosodiphenylamine
 Concen: 40.635 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF114380.D
 Acq: 18 May 2019 10:12

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.2	81.2
167	36.4	29.8	44.8



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

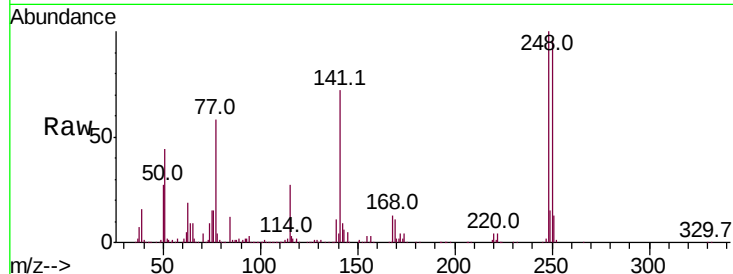




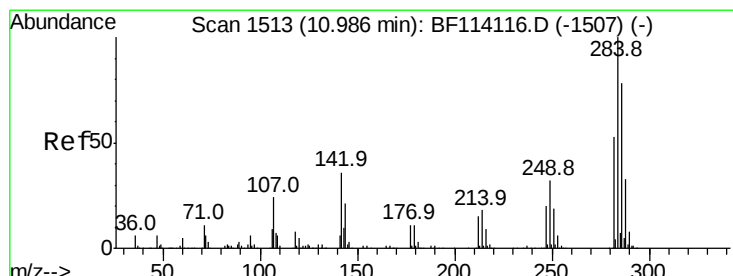
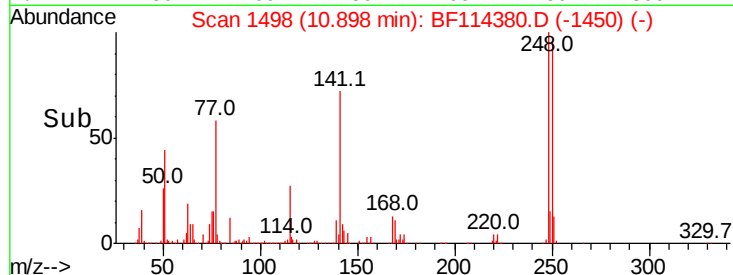
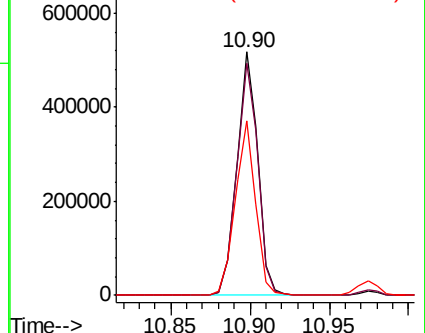
#67
4-Bromophenyl-phenylether
Concen: 40.688 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.02 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 472270
Ion Ratio Lower Upper
248 100
250 95.5 77.4 116.2
141 71.8 55.6 83.4

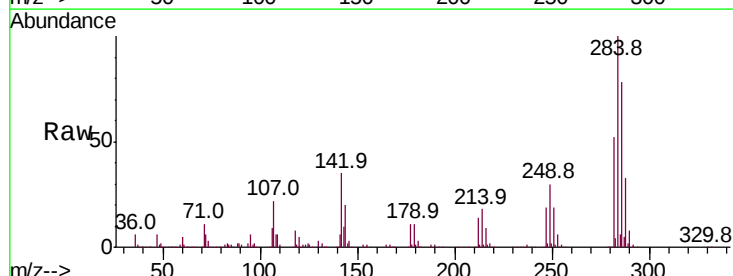


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

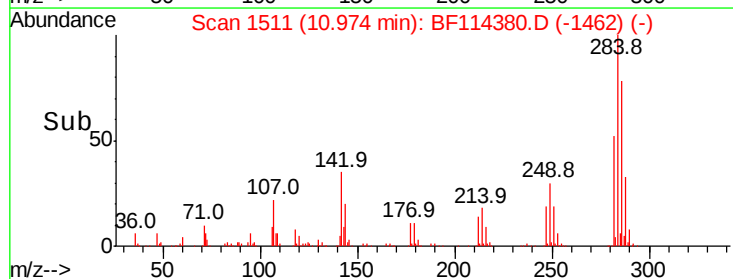
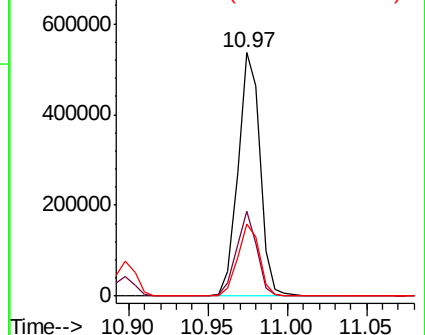


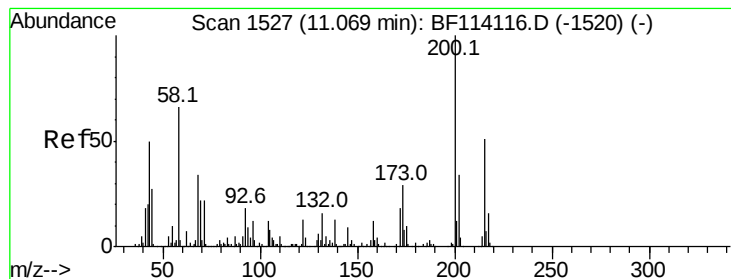
#68
Hexachlorobenzene
Concen: 40.106 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Tgt Ion:284 Resp: 514986
Ion Ratio Lower Upper
284 100
142 34.8 28.4 42.6
249 29.8 25.2 37.8



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: 38.998 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

Instrument :

BNA_F

ClientSampleId :

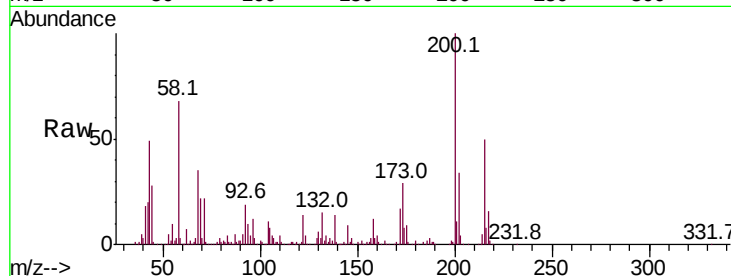
Tot Ion:200 Resp: 388292

Ion Ratio Lower Upper

200 100

173 28.8 8.9 48.9

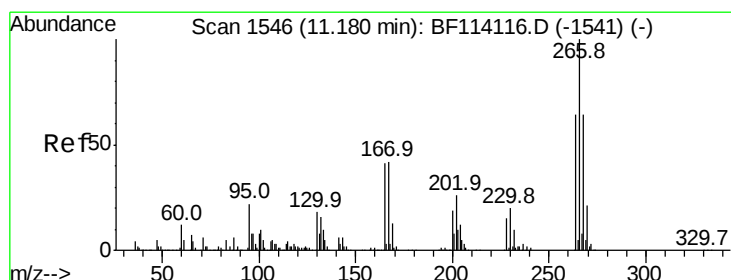
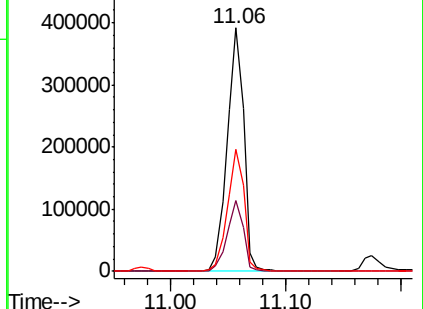
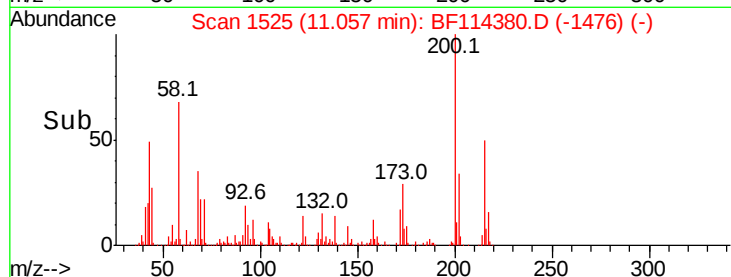
215 50.3 30.7 70.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 32.966 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

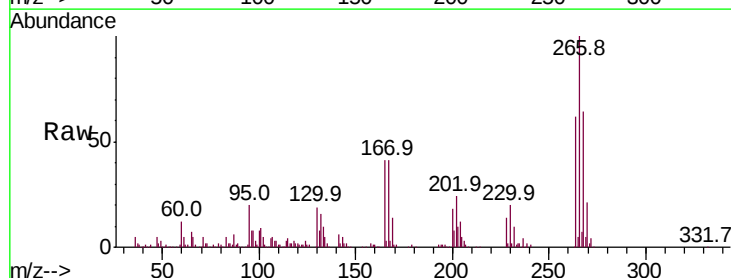
Tgt Ion:266 Resp: 200666

Ion Ratio Lower Upper

266 100

268 64.1 51.1 76.7

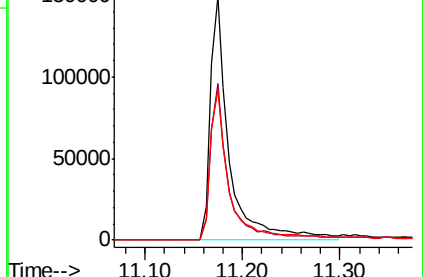
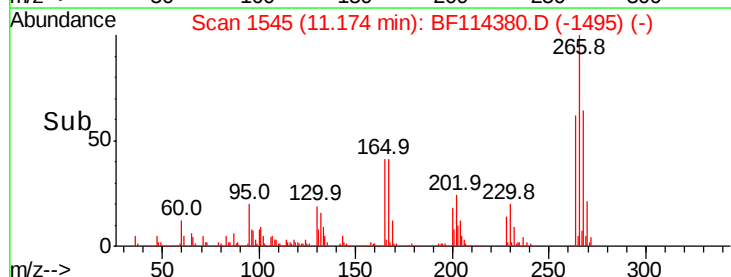
264 61.6 51.1 76.7

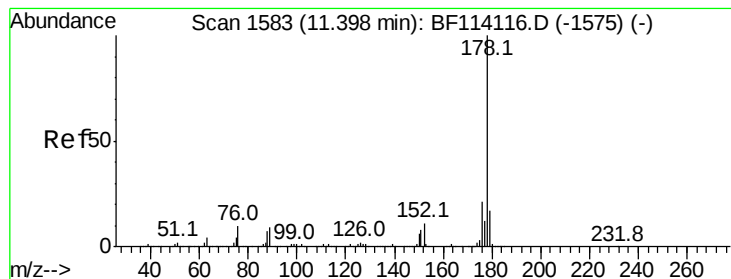


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.708 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

Instrument :

BNA_F

ClientSampleId :

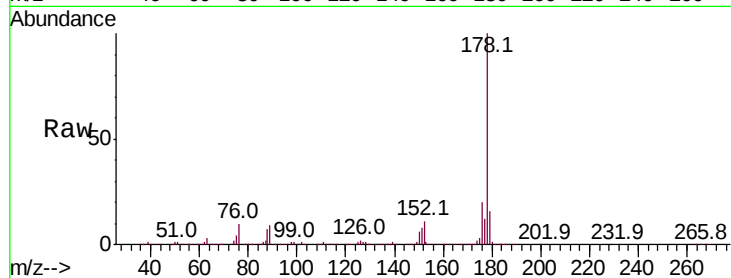
Tot Ion:178 Resp: 2087827

Ion Ratio Lower Upper

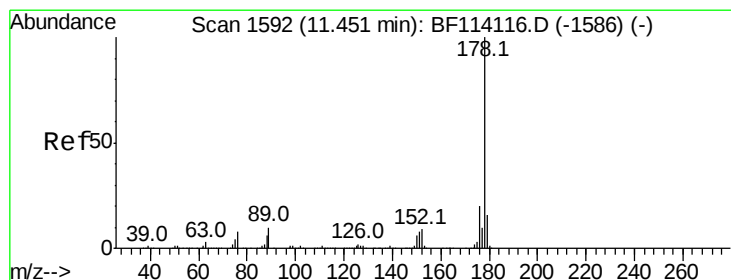
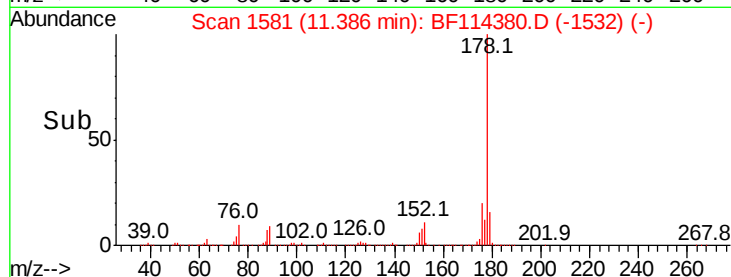
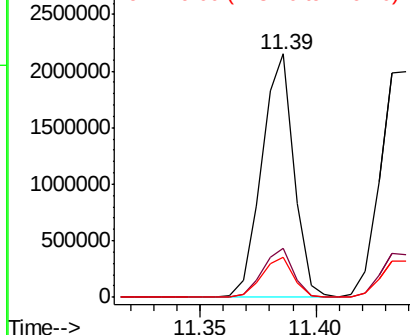
178 100

176 20.3 16.4 24.6

179 16.5 13.2 19.8



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



#72

Anthracene

Concen: 41.224 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

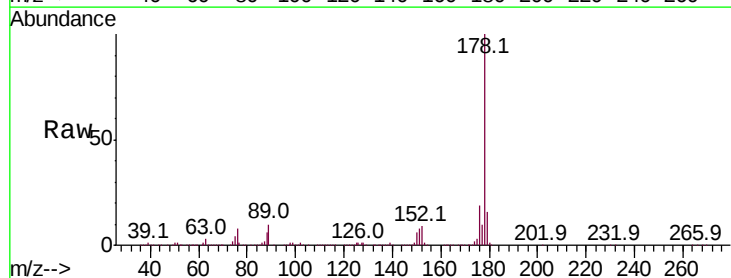
Tgt Ion:178 Resp: 2123636

Ion Ratio Lower Upper

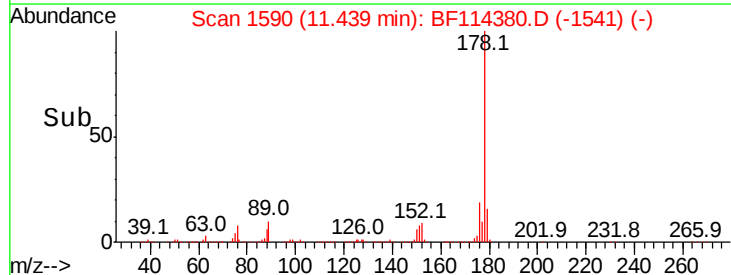
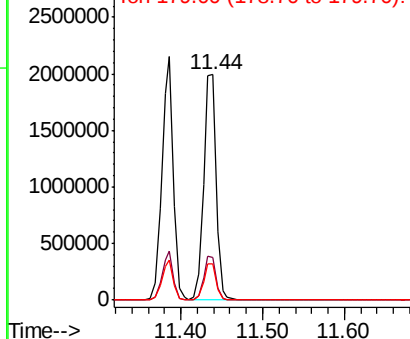
178 100

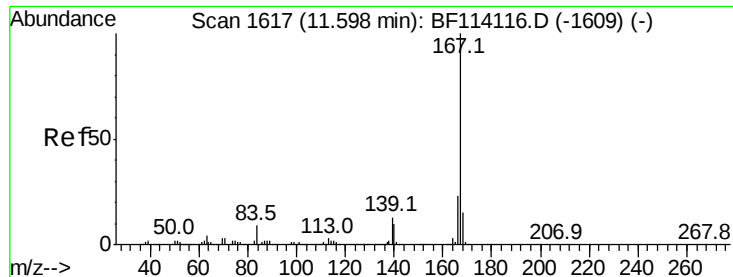
176 19.0 15.8 23.8

179 16.0 13.0 19.4



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





#73

Carbazole

Concen: 41.643 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

Instrument :

BNA_F

ClientSampleId :

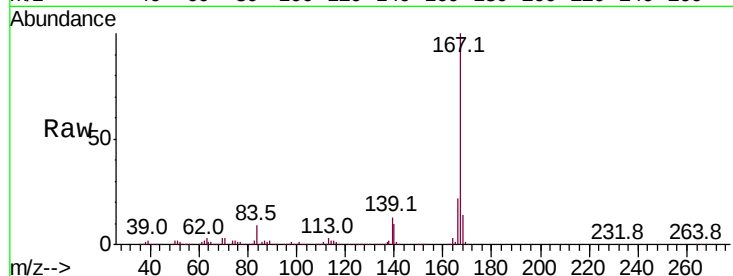
Tot Ion:167 Resp: 2045680

Ion Ratio Lower Upper

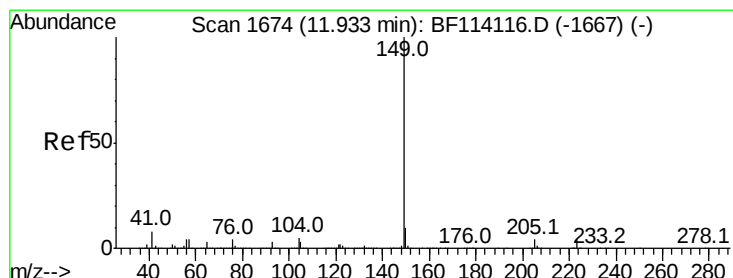
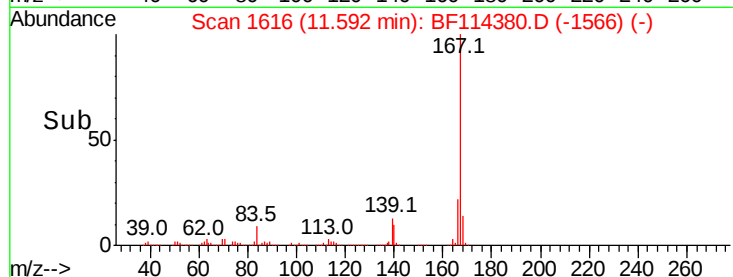
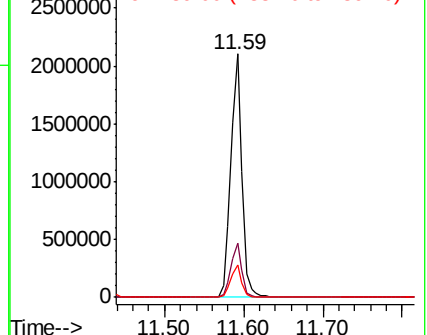
167 100

166 22.3 18.2 27.2

139 13.1 10.6 16.0



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: 43.689 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.02 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

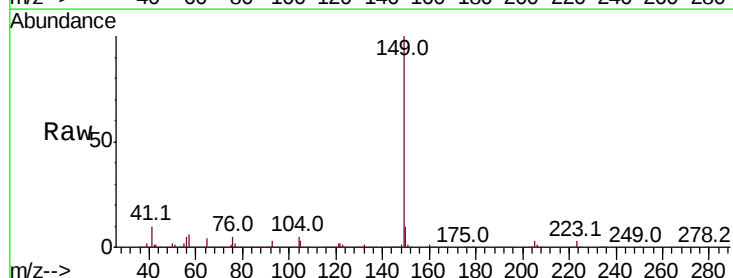
Tgt Ion:149 Resp: 2472552

Ion Ratio Lower Upper

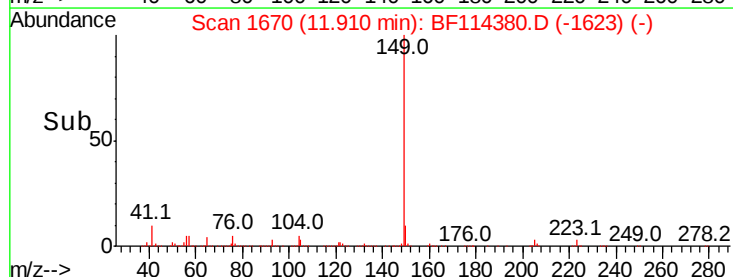
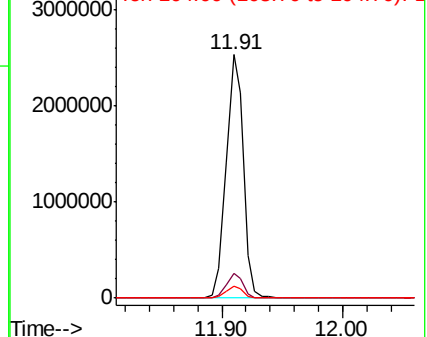
149 100

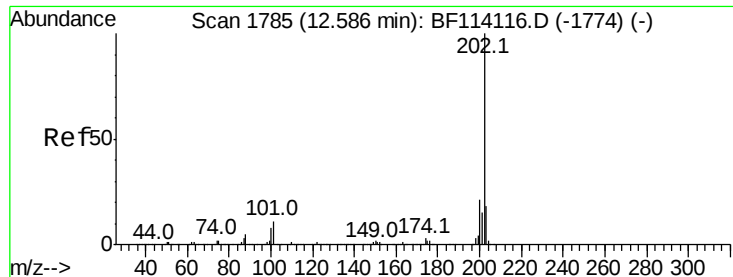
150 10.2 7.7 11.5

104 4.8 3.6 5.4



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: 40.789 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

Instrument :

BNA_F

ClientSampleId :

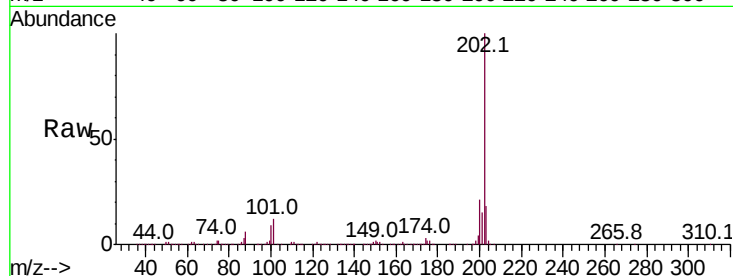
Tot Ion:202 Resp: 2252786

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.0

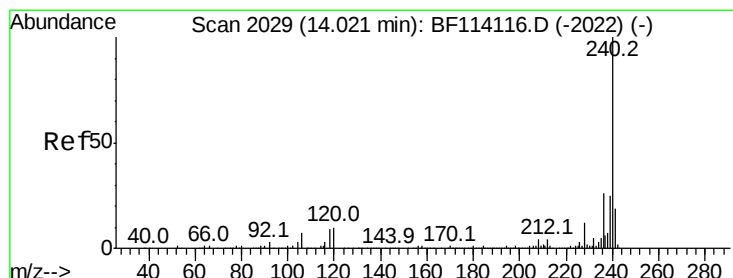
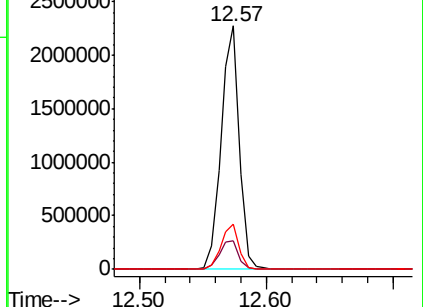
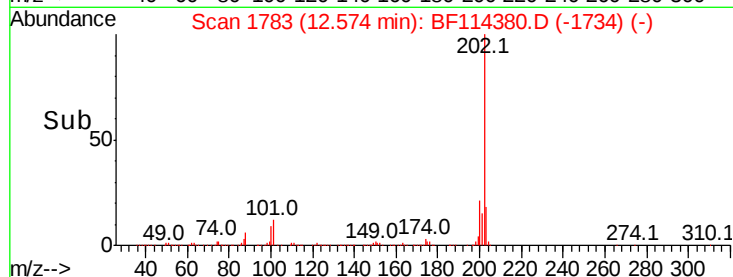
203 18.4 0.0 38.4



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# 2026

Delta R.T. -0.02 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

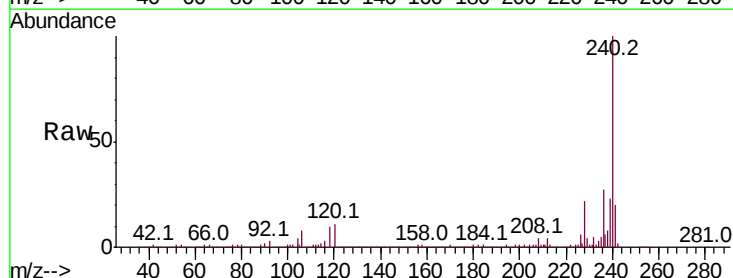
Tgt Ion:240 Resp: 737971

Ion Ratio Lower Upper

240 100

120 11.2 8.3 12.5

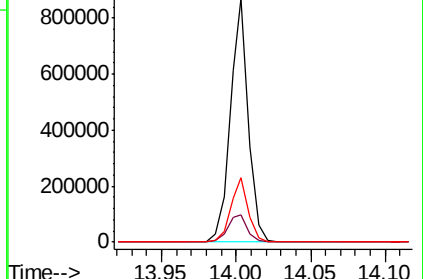
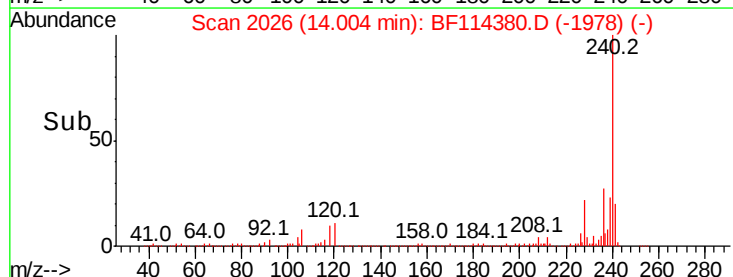
236 26.5 20.8 31.2

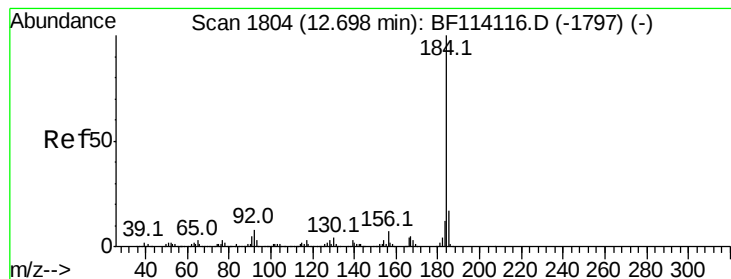


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.356 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

Instrument :

BNA_F

ClientSampleId :

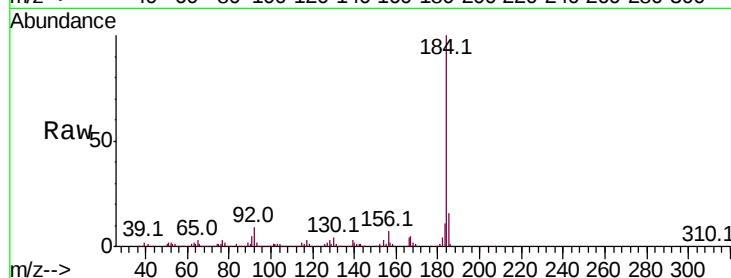
Tot Ion:184 Resp: 1138075

Ion Ratio Lower Upper

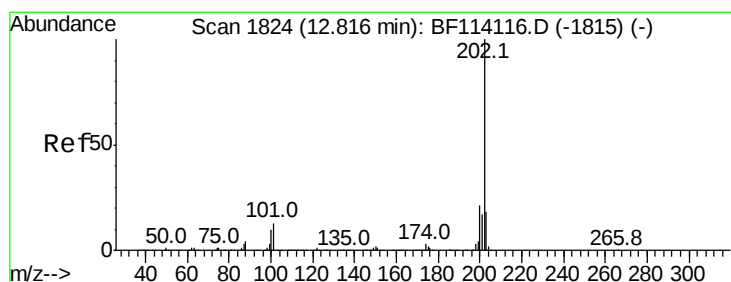
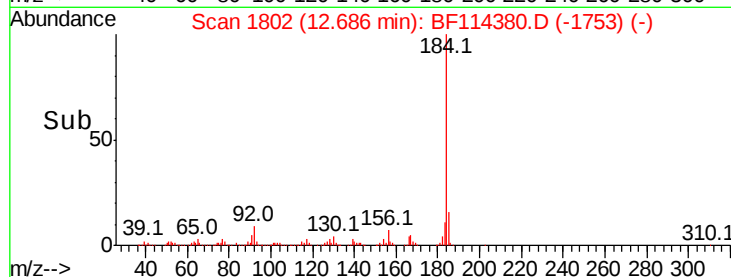
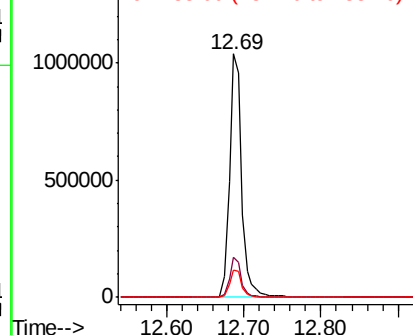
184 100

185 16.2 13.6 20.4

183 11.1 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: 39.076 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

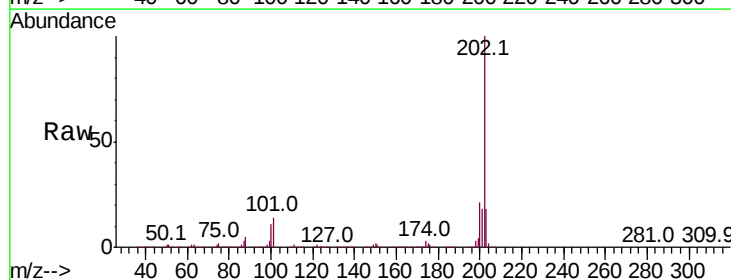
Tgt Ion:202 Resp: 2319773

Ion Ratio Lower Upper

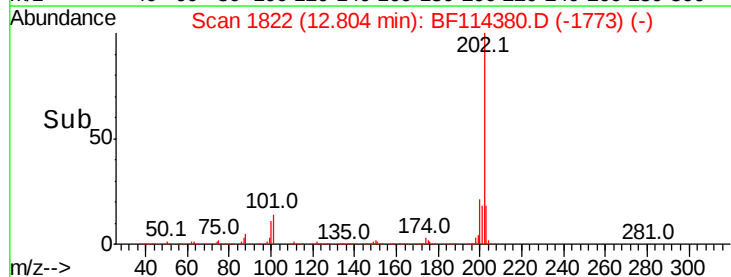
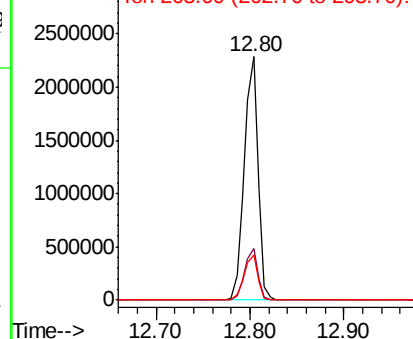
202 100

200 21.1 16.9 25.3

203 18.4 14.5 21.7



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

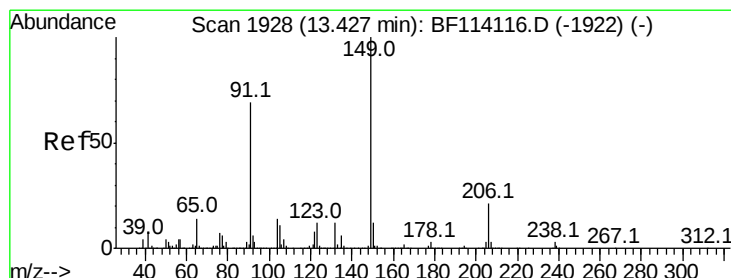
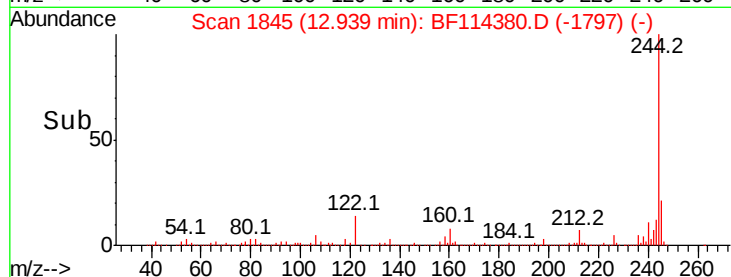
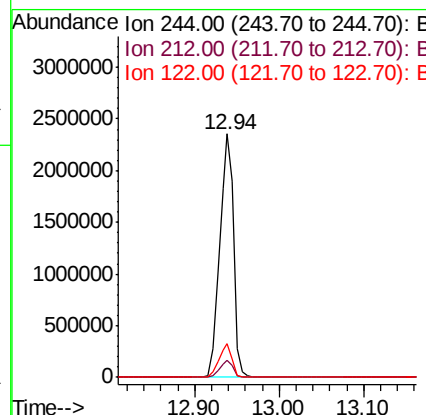
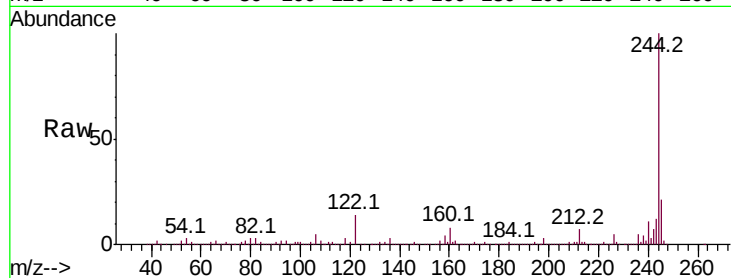




#79
 Terphenyl-d14
 Concen: 76.715 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.02 min
 Lab File: BF114380.D
 Acq: 18 May 2019 10:12

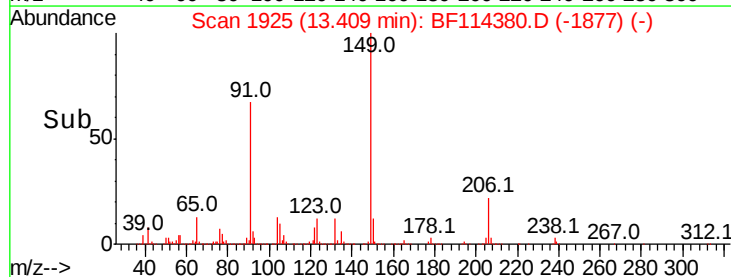
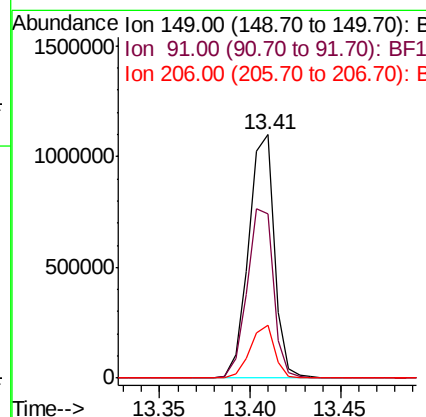
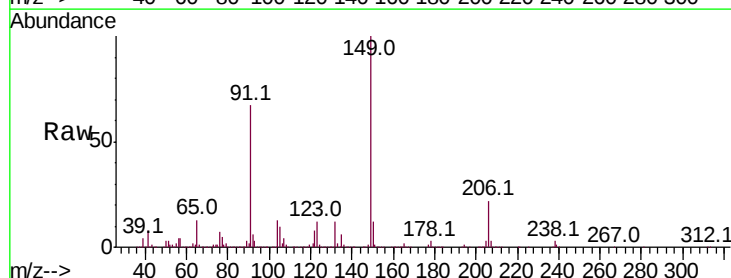
Instrument :
 BNA_F
 ClientSampled :

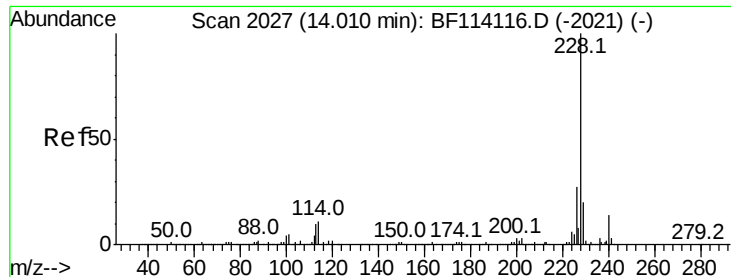
Tot Ion:244 Resp: 2746303
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 13.7 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 43.501 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.02 min
 Lab File: BF114380.D
 Acq: 18 May 2019 10:12

Tgt Ion:149 Resp: 1087000
 Ion Ratio Lower Upper
 149 100
 91 67.5 55.0 82.4
 206 21.5 16.9 25.3





#81

Benzo(a)anthracene

Concen: 41.868 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

Instrument :

BNA_F

ClientSampleId :

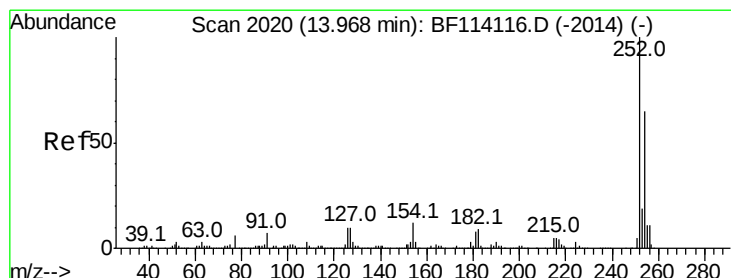
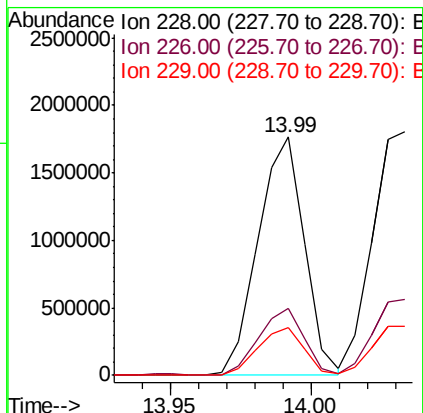
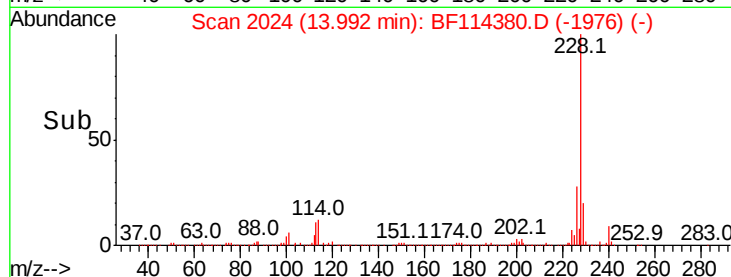
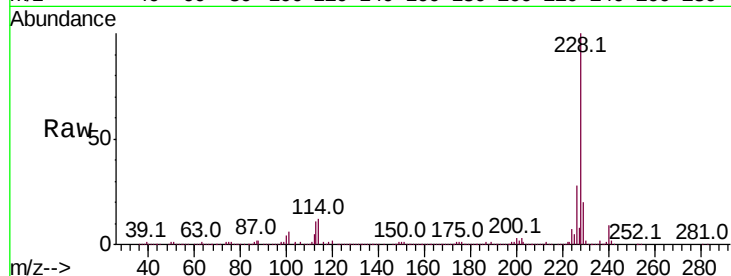
Tot Ion:228 Resp: 1998449

Ion Ratio Lower Upper

228 100

226 28.2 22.2 33.2

229 20.3 16.4 24.6



#82

3,3'-Dichlorobenzidine

Concen: 40.690 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

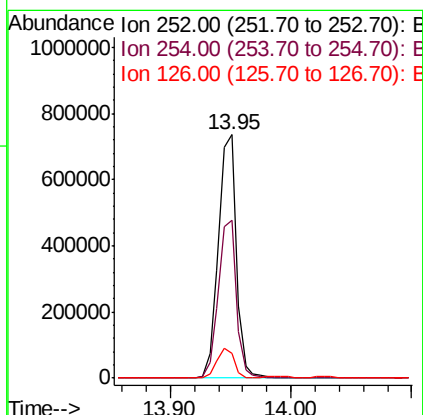
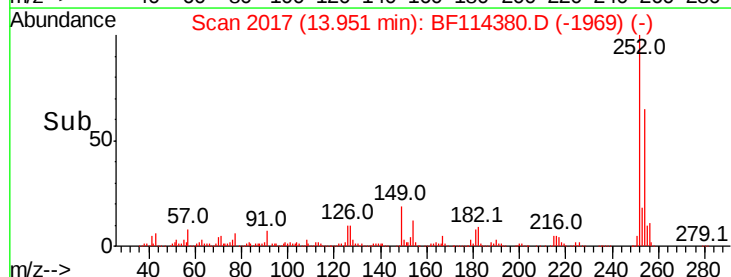
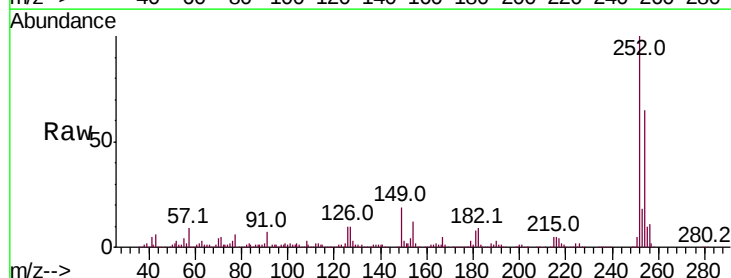
Tgt Ion:252 Resp: 753434

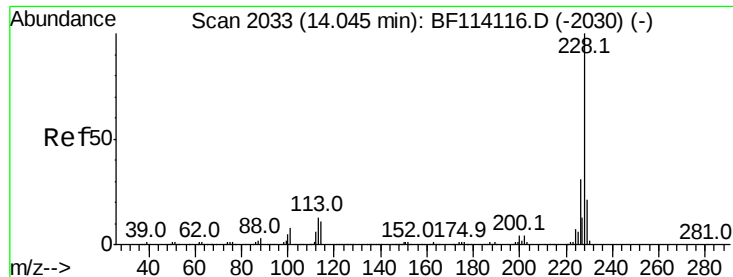
Ion Ratio Lower Upper

252 100

254 64.7 51.9 77.9

126 9.9 7.9 11.9



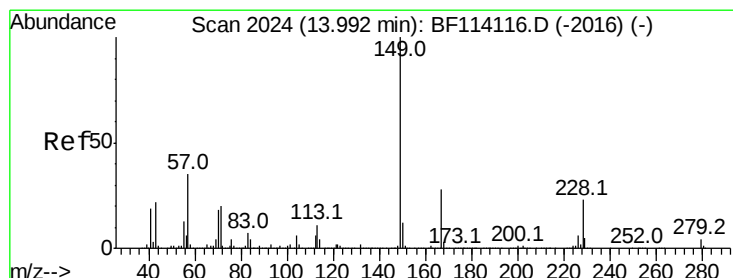
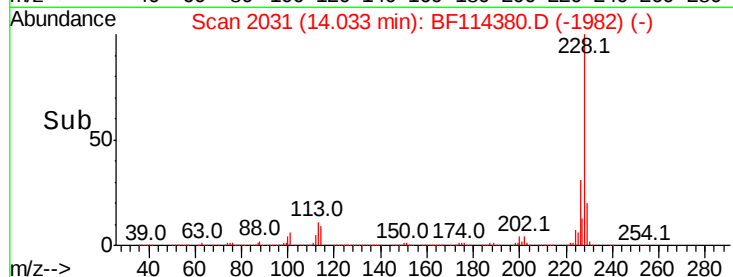
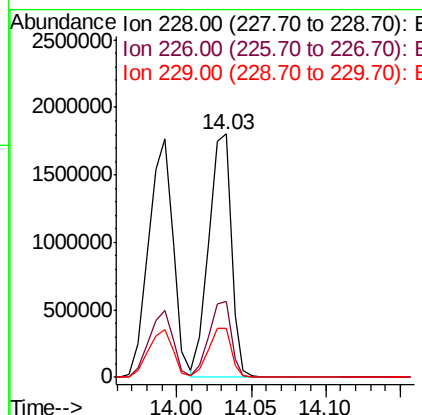
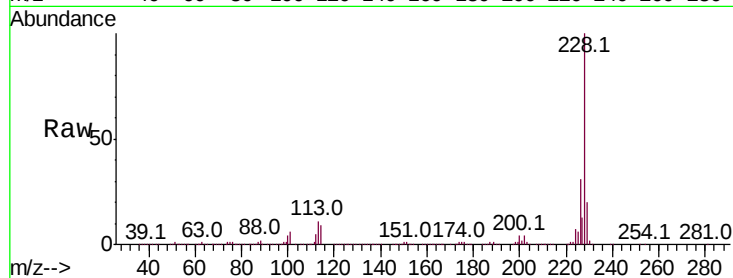


#83
 Chrvsene
 Concen: 40.461 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF114380.D
 Acq: 18 May 2019 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1893209

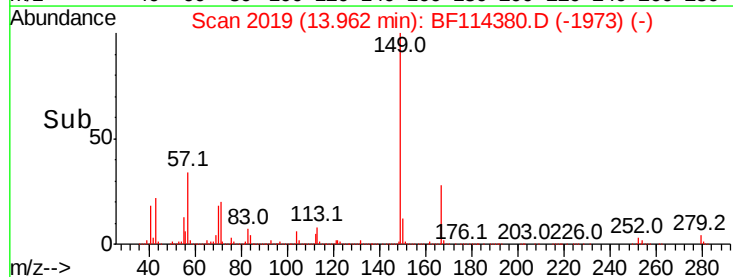
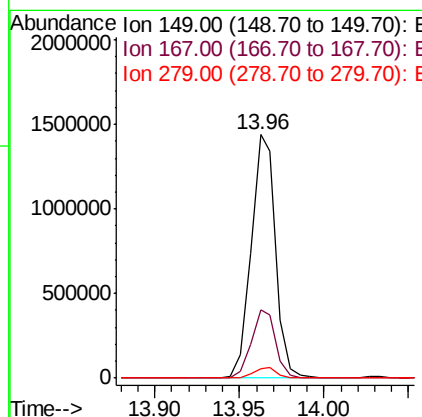
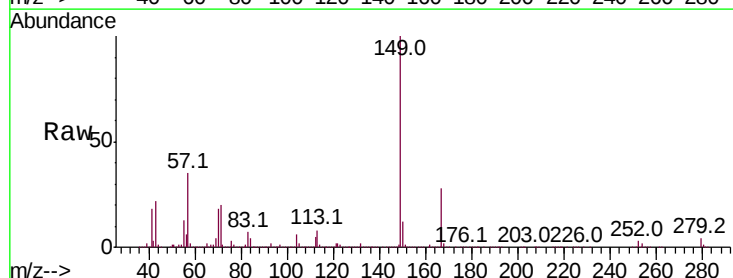
Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.0	17.0	25.6

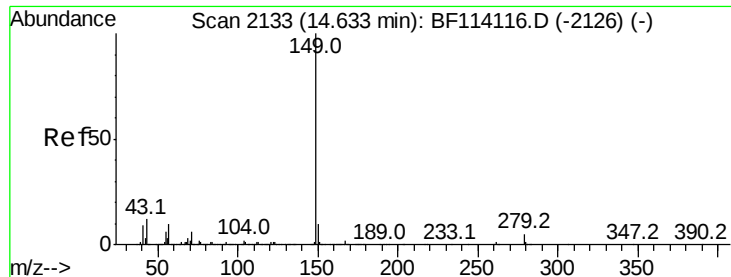


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.254 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.03 min
 Lab File: BF114380.D
 Acq: 18 May 2019 10:12

Tgt Ion:149 Resp: 1446269

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.6	33.8
279	3.7	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 43.069 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.06 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

Instrument :

BNA_F

ClientSampleId :

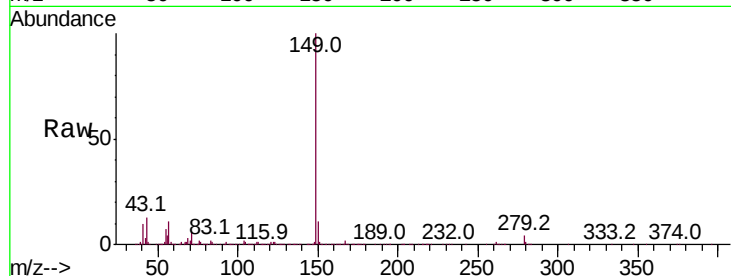
Tot Ion:149 Resp: 2281673

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

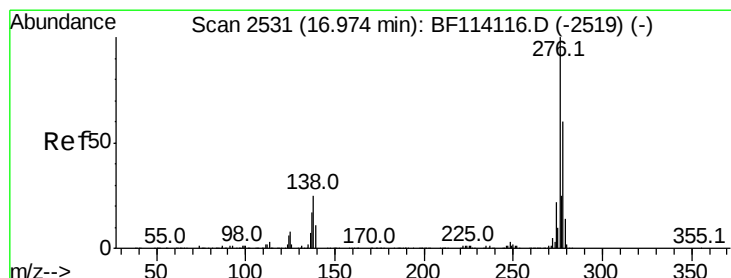
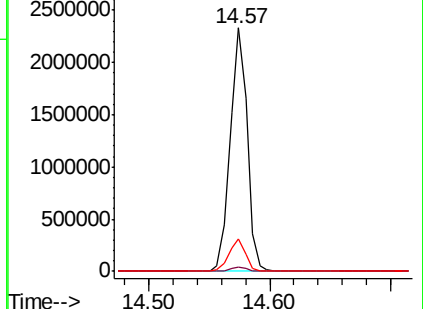
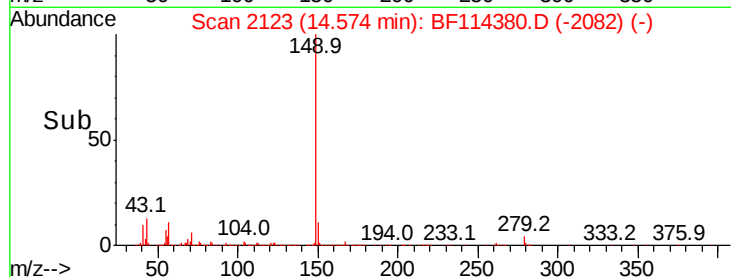
43 12.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.798 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.02 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

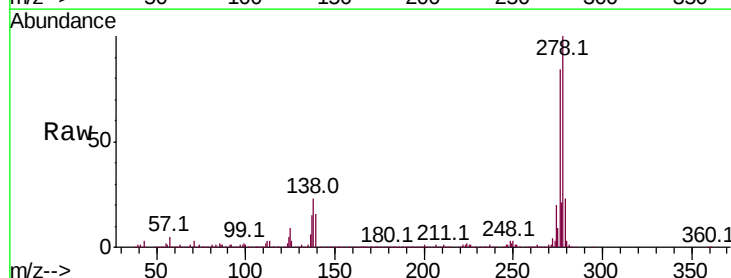
Tgt Ion:276 Resp: 1687102

Ion Ratio Lower Upper

276 100

138 25.5 20.2 30.2

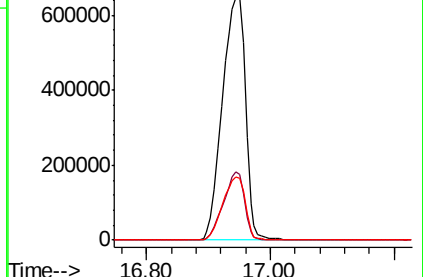
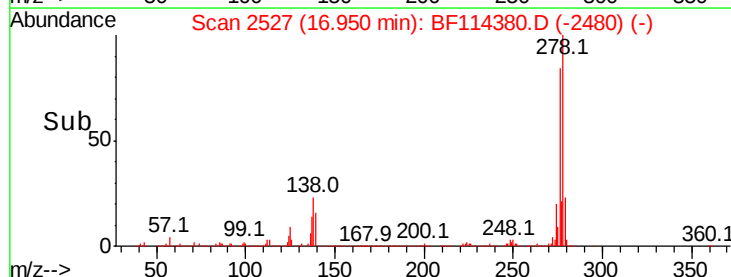
277 25.2 20.0 30.0

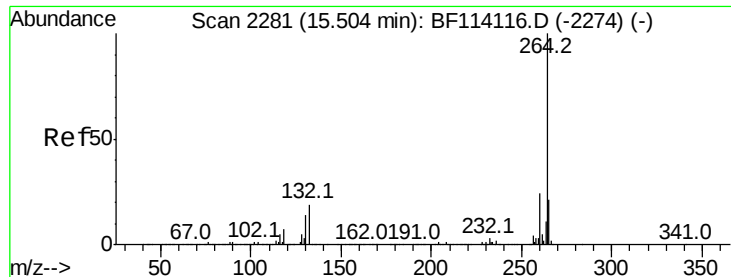


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.04 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

Instrument :

BNA_F

ClientSampleId :

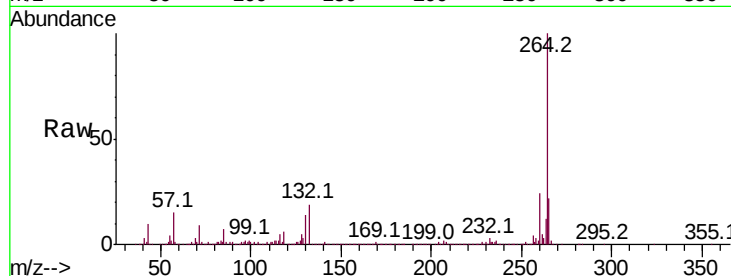
Tot Ion:264 Resp: 709188

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

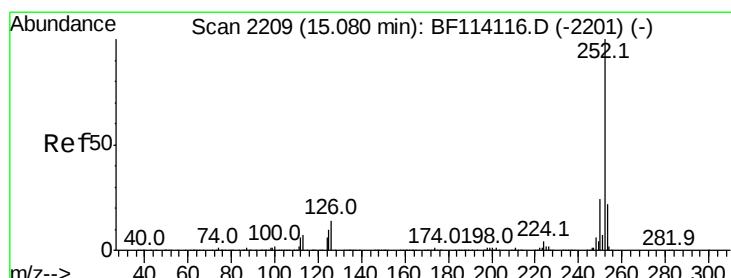
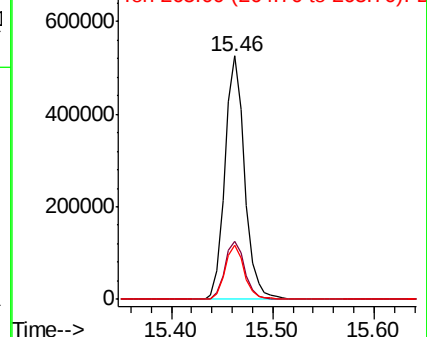
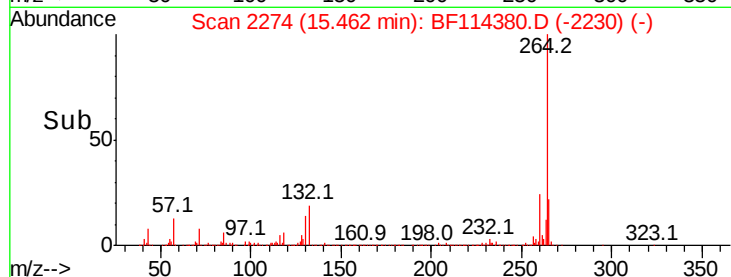
265 22.1 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.639 ng

RT: 15.04 min Scan# 2202

Delta R.T. -0.04 min

Lab File: BF114380.D

Acq: 18 May 2019 10:12

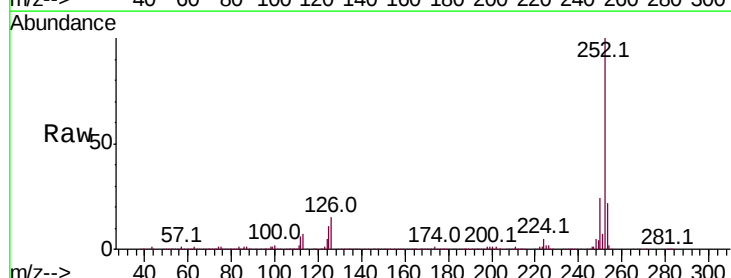
Tgt Ion:252 Resp: 1800987

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

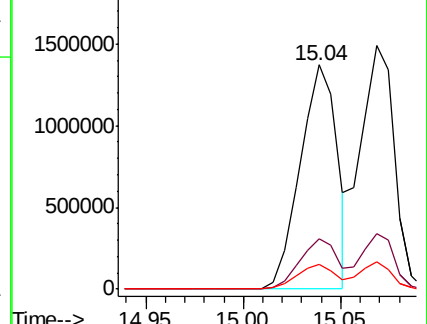
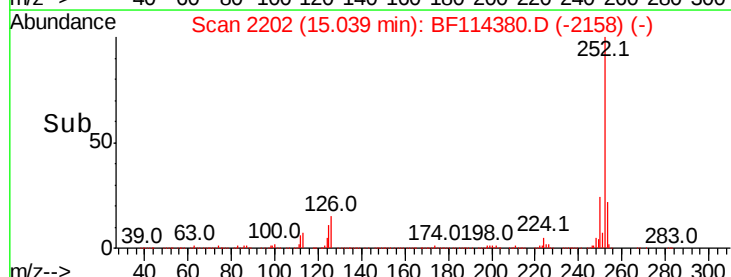
125 11.0 8.3 12.5

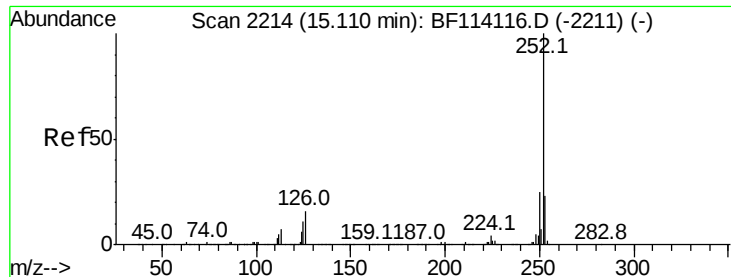


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

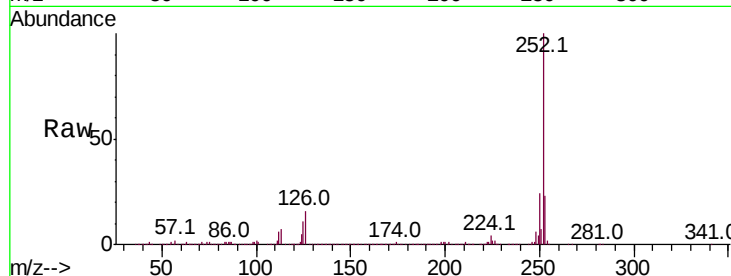




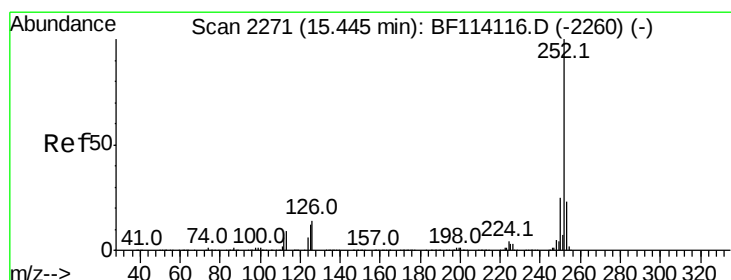
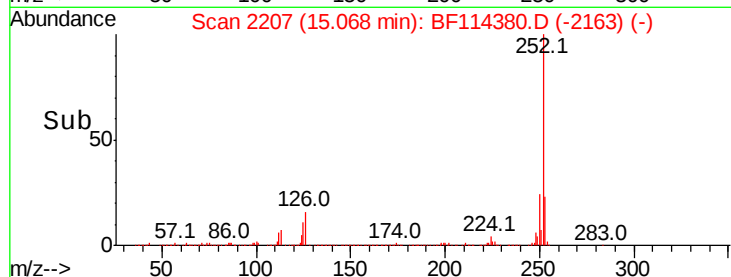
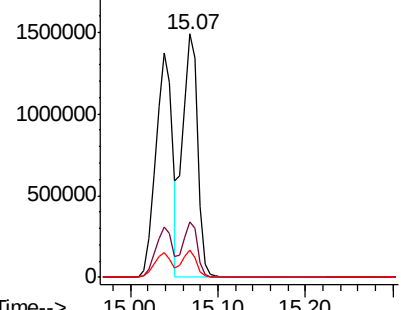
#89
Benzo(k)fluoranthene
Concen: 43.066 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.04 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1797398
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 11.3 8.6 13.0

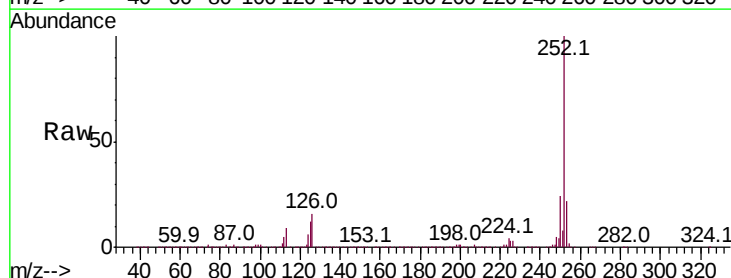


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

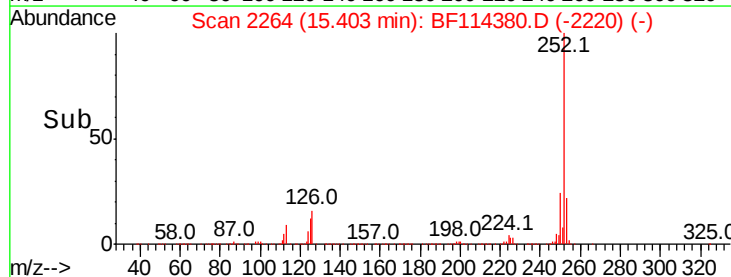
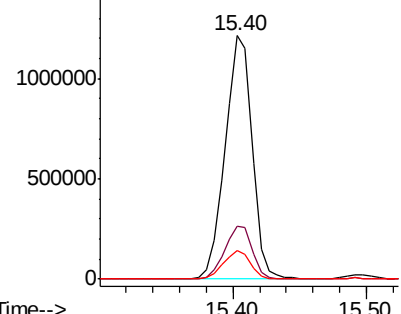


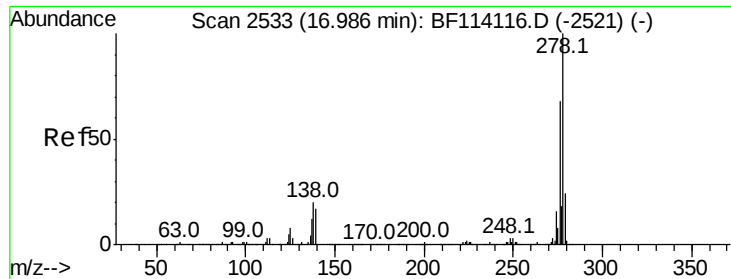
#90
Benzo(a)pyrene
Concen: 42.321 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.04 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Tgt Ion:252 Resp: 1692246
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 12.0 9.5 14.3



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

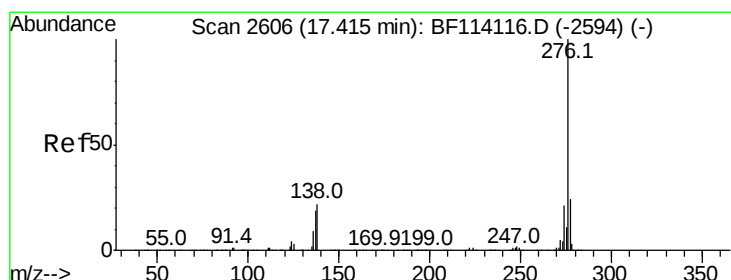
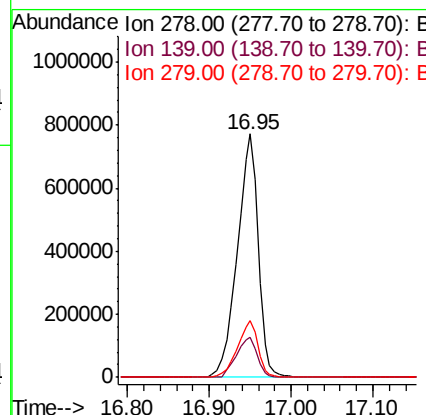
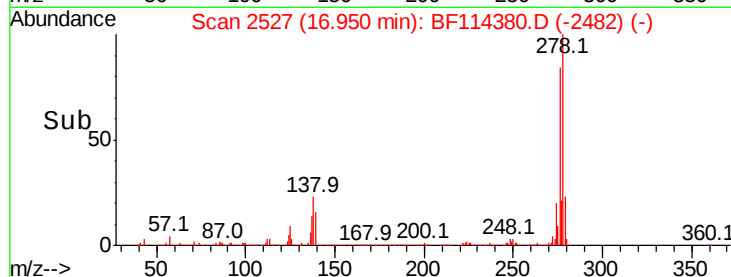
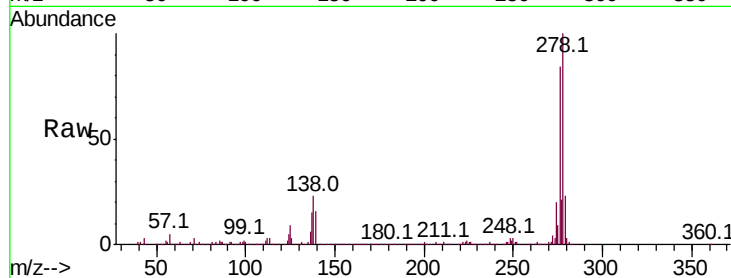




#91
Dibenzo(a,h)anthracene
Concen: 41.404 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.04 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1375721
Ion Ratio Lower Upper
278 100
139 16.2 13.5 20.3
279 23.5 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 41.788 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.03 min
Lab File: BF114380.D
Acq: 18 May 2019 10:12

Tgt Ion:276 Resp: 1391467
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.4
138 22.3 17.8 26.6

