

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119135.D
 Acq On : 28 Feb 2020 17:09
 Operator : CG/JU
 Sample : L1719-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 02:38:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	117897	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	441149	20.00	ng	-0.02
39) Acenaphthene-d10	9.77	164	253420	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	481395	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	384292	20.00	ng	-0.01
87) Perylene-d12	15.31	264	397893	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	928380	131.60	ng	0.00
7) Phenol-d6	6.39	99	1113785	129.81	ng	-0.02
23) Nitrobenzene-d5	7.30	82	743925	89.04	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	419447	126.52	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1379564	80.20	ng	-0.02
79) Terphenyl-d14	12.83	244	1705290	76.40	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.44	88	129601	41.261	ng	98
3) Pyridine	3.18	79	327186	38.142	ng	99
4) n-Nitrosodimethylamine	3.11	42	130409	50.185	ng	100
6) Aniline	6.40	93	329287	31.103	ng	89
8) 2-Chlorophenol	6.52	128	401547	52.742	ng	100
9) Benzaldehyde	6.28	77	158442	27.640	ng	99
10) Phenol	6.40	94	456748	49.238	ng	93
11) bis(2-Chloroethyl)ether	6.47	93	355864	50.138	ng	99
12) 1,3-Dichlorobenzene	6.67	146	428836	46.995	ng	98
13) 1,4-Dichlorobenzene	6.75	146	440339	48.223	ng	99
14) 1,2-Dichlorobenzene	6.90	146	407329	48.912	ng	99
15) Benzyl Alcohol	6.88	79	328483	52.973	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	285243	46.393	ng	97
17) 2-Methylphenol	7.00	107	315996	51.193	ng	98
18) Hexachloroethane	7.25	117	155963	47.740	ng	97
19) n-Nitroso-di-n-propylamine	7.15	70	259682	51.942	ng	98
20) 3+4-Methylphenols	7.16	107	399737	52.859	ng	95
22) Acetophenone	7.15	105	524417	51.378	ng	# 96
24) Nitrobenzene	7.32	77	403994	48.896	ng	98
25) Isophorone	7.56	82	733113	50.524	ng	99
26) 2-Nitrophenol	7.63	139	220553	50.380	ng	99
27) 2,4-Dimethylphenol	7.68	122	333340	56.104	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	443658	46.974	ng	100
29) 2,4-Dichlorophenol	7.88	162	344656	49.275	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	381689	46.026	ng	99
31) Naphthalene	8.04	128	1120593	48.980	ng	99
32) Benzoic acid	7.83	122	209662	48.311	ng	97
33) 4-Chloroaniline	8.09	127	173303	17.612	ng	97
34) Hexachlorobutadiene	8.16	225	232715	45.050	ng	98
35) Caprolactam	8.47	113	63204	29.347	ng	90
36) 4-Chloro-3-methylphenol	8.59	107	363877	51.404	ng	98
37) 2-Methylnaphthalene	8.73	142	778889	50.588	ng	99
38) 1-Methylnaphthalene	8.83	142	733295	50.642	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	385526	45.121	ng	100

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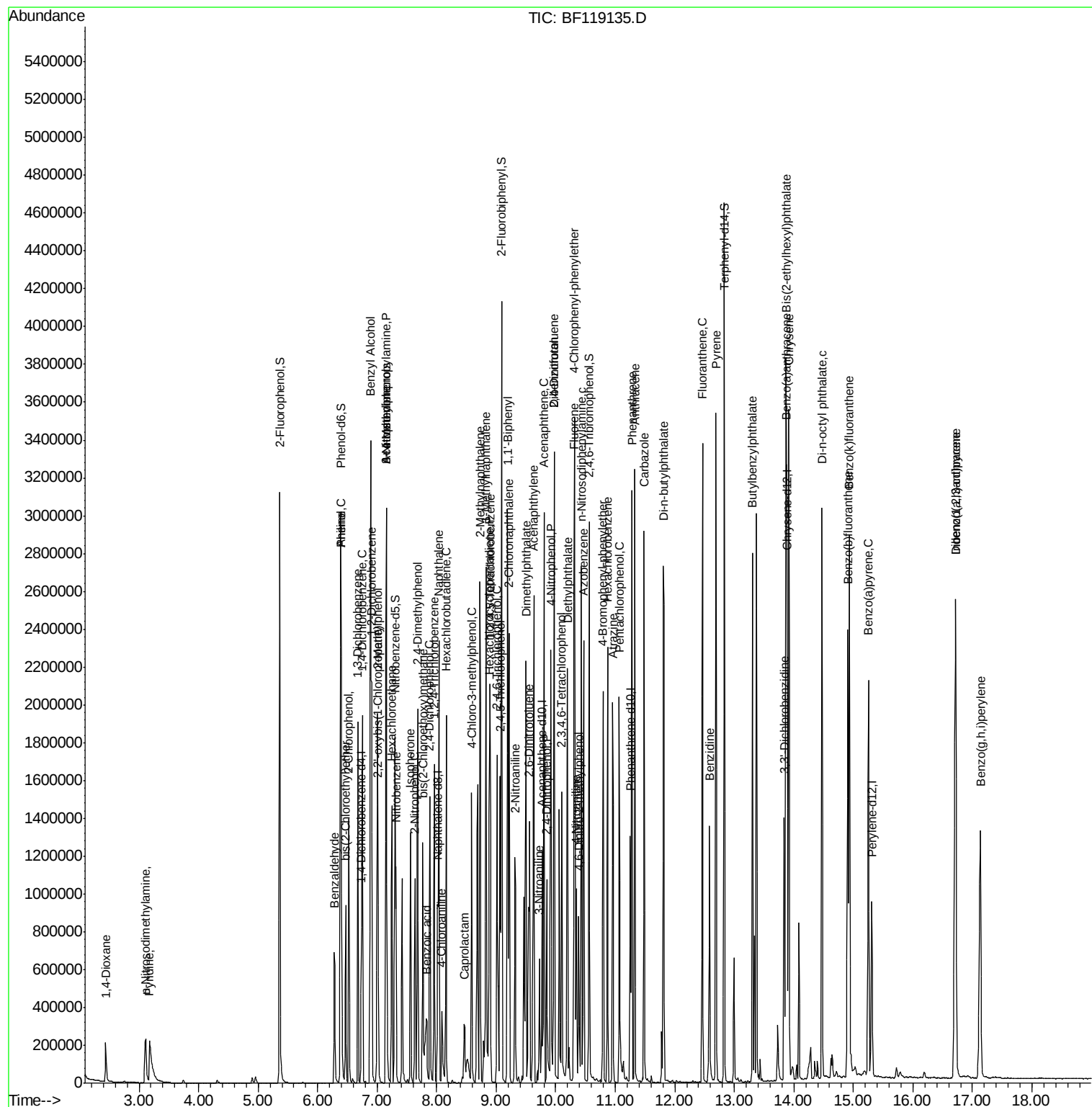
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	252117	80.939	nq	99
43) 2,4,6-Trichlorophenol	9.02	196	249487	46.239	nq	98
44) 2,4,5-Trichlorophenol	9.06	196	267857	47.308	nq	99
46) 1,1'-Biphenyl	9.19	154	945884	46.182	nq	99
47) 2-Chloronaphthalene	9.22	162	758881	45.979	nq	98
48) 2-Nitroaniline	9.32	65	212701	46.204	nq	97
49) Acenaphthylene	9.63	152	1172060	49.167	nq	99
50) Dimethylphthalate	9.50	163	1123961	58.000	nq	100
51) 2,6-Dinitrotoluene	9.56	165	208587	48.448	nq	99
52) Acenaphthene	9.80	154	680446	47.339	nq	99
53) 3-Nitroaniline	9.73	138	110954	23.246	nq	95
54) 2,4-Dinitrophenol	9.85	184	189342	89.506	nq	99
55) Dibenzofuran	9.97	168	1035307	48.256	nq	98
56) 4-Nitrophenol	9.92	139	260240	90.748	nq	99
57) 2,4-Dinitrotoluene	9.97	165	271225	48.602	nq	99
58) Fluorene	10.32	166	830847	49.837	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	226382	47.385	nq	99
60) Diethylphthalate	10.20	149	907197	49.677	nq	99
61) 4-Chlorophenyl-phenylether	10.31	204	431595	48.909	nq	95
62) 4-Nitroaniline	10.35	138	209133	42.826	nq	94
63) Azobenzene	10.47	77	805648	50.754	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	157631	54.113	nq	88
66) n-Nitrosodiphenylamine	10.43	169	760544	48.250	nq	99
67) 4-Bromophenyl-phenylether	10.80	248	292286	46.450	nq	91
68) Hexachlorobenzene	10.87	284	326433	44.995	nq	94
69) Atrazine	10.96	200	274243	49.796	nq	99
70) Pentachlorophenol	11.07	266	273091	93.446	nq	98
71) Phenanthrene	11.28	178	1272954	48.488	nq	98
72) Anthracene	11.33	178	1321235	50.369	nq	99
73) Carbazole	11.49	167	1161813	49.717	nq	99
74) Di-n-butylphthalate	11.81	149	1461465	51.643	nq	99
75) Fluoranthene	12.46	202	1407406	50.505	nq	99
77) Benzidine	12.58	184	574436	36.755	nq	99
78) Pyrene	12.69	202	1400592	45.388	nq	99
80) Butylbenzylphthalate	13.30	149	644173	49.600	nq	97
81) Benzo(a)anthracene	13.88	228	1287728	49.179	nq	98
82) 3,3'-Dichlorobenzidine	13.84	252	321222	31.593	nq	100
83) Chrysene	13.92	228	1246014	47.757	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	905523	55.189	nq	98
85) Di-n-octyl phthalate	14.47	149	1520433	58.160	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	1306974	51.735	nq	100
88) Benzo(b)fluoranthene	14.91	252	1316122	50.182	nq	99
89) Benzo(k)fluoranthene	14.93	252	1161523	47.789	nq	99
90) Benzo(a)pyrene	15.26	252	1122723	47.431	nq	98
91) Dibenzo(a,h)anthracene	16.72	278	1091284	52.397	nq	100
92) Benzo(g,h,i)perylene	17.13	276	1092422	53.086	nq	99

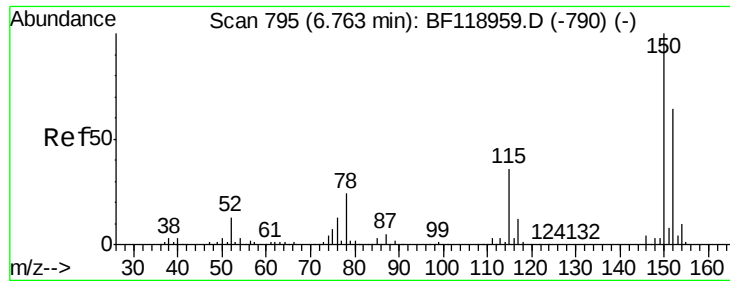
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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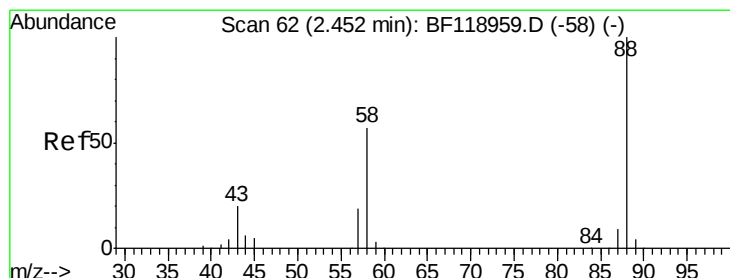
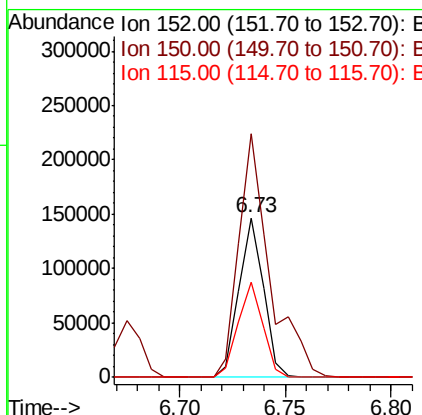
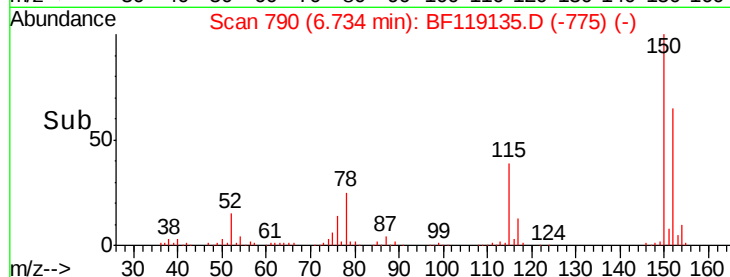
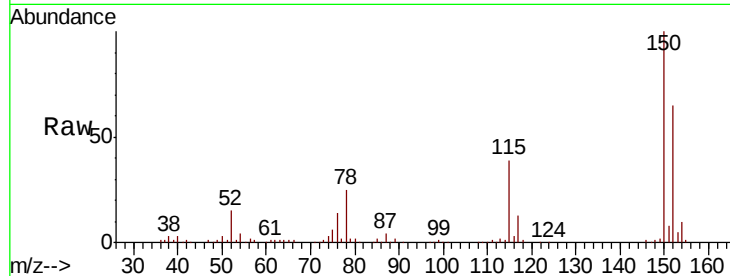




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119135.D
 Acq: 28 Feb 2020 17:09

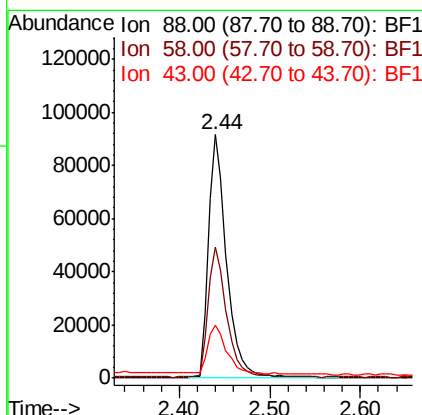
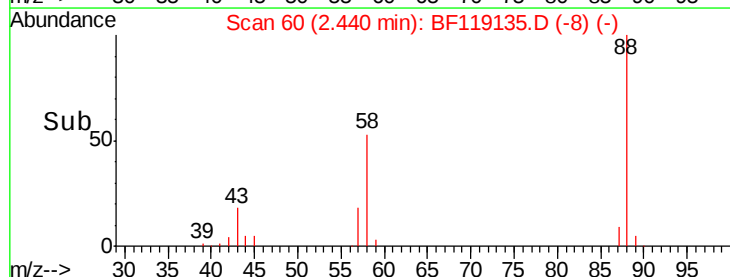
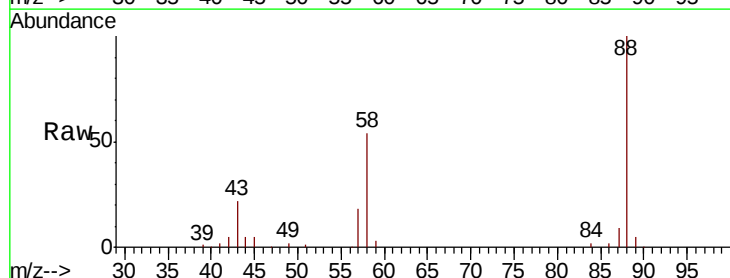
Instrument :
 BNA_F
 ClientSampled :

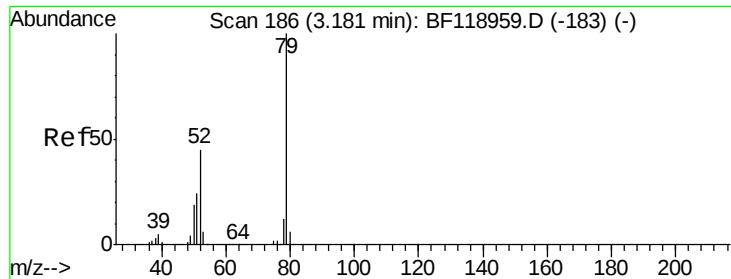
Tot Ion:152 Resp: 117897
 Ion Ratio Lower Upper
 152 100
 150 153.0 123.0 184.6
 115 60.1 49.5 74.3



#2
 1,4-Dioxane
 Concen: 41.261 ng
 RT: 2.44 min Scan# 60
 Delta R.T. 0.01 min
 Lab File: BF119135.D
 Acq: 28 Feb 2020 17:09

Tgt Ion: 88 Resp: 129601
 Ion Ratio Lower Upper
 88 100
 58 53.1 43.8 65.6
 43 21.7 16.2 24.4





#3

Pvridine

Concen: 38.142 ng

RT: 3.18 min Scan# 185

Delta R.T. 0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA_F

ClientSampleId :

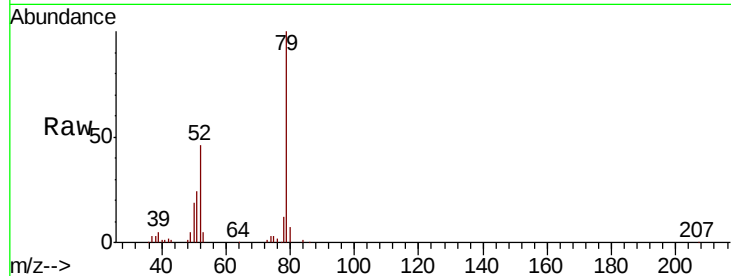
Tot Ion: 79 Resp: 327186

Ion Ratio Lower Upper

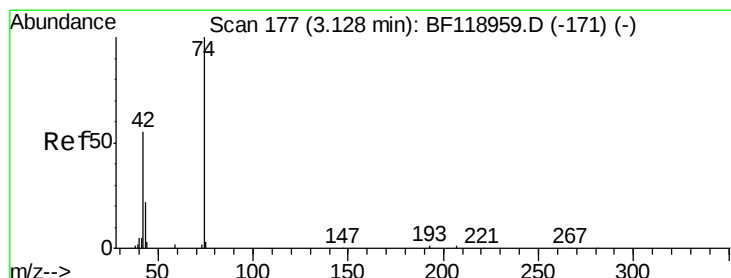
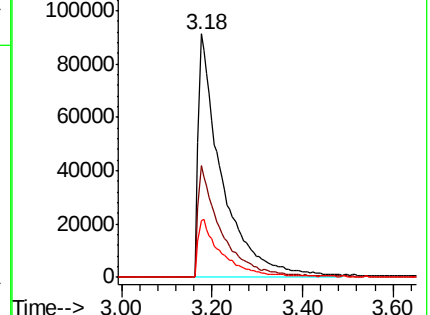
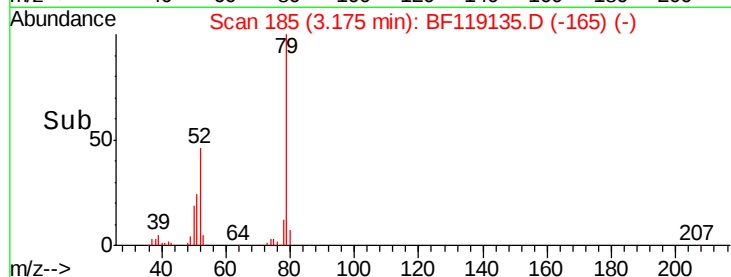
79 100

52 46.2 37.4 56.0

51 23.6 19.8 29.6



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: 50.185 ng

RT: 3.11 min Scan# 174

Delta R.T. -0.01 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

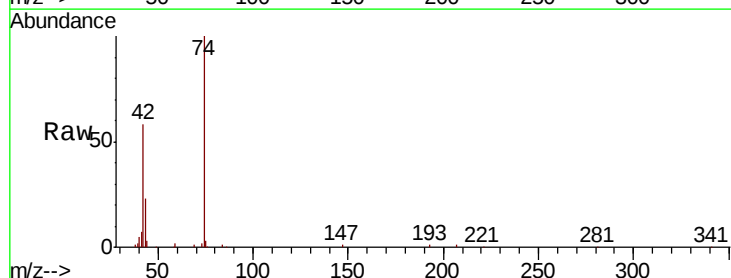
Tgt Ion: 42 Resp: 130409

Ion Ratio Lower Upper

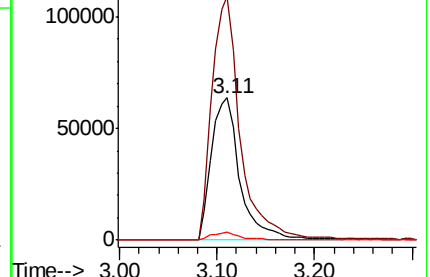
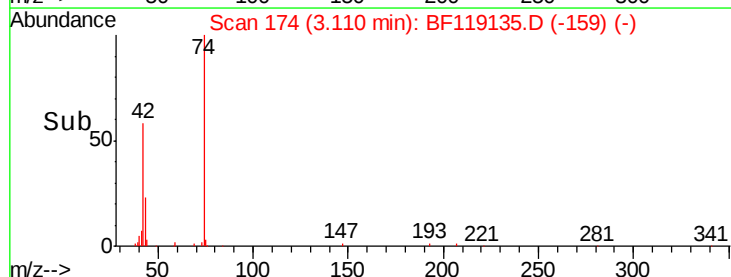
42 100

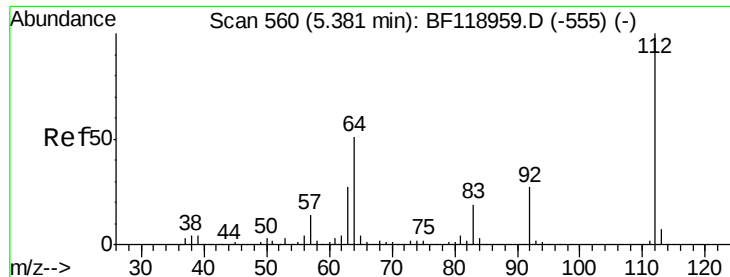
74 171.5 137.7 206.5

44 5.3 4.5 6.7



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: 131.597 ng

RT: 5.36 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA_F

ClientSampled :

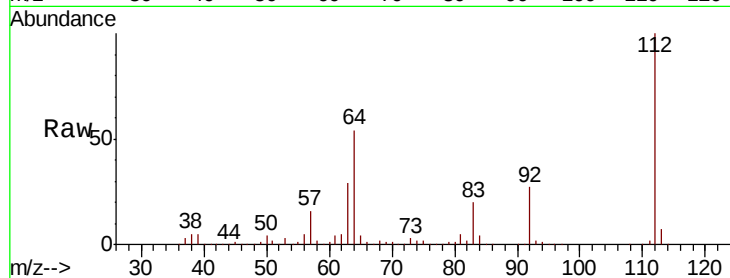
Tot Ion: 112 Resp: 928380

Ion Ratio Lower Upper

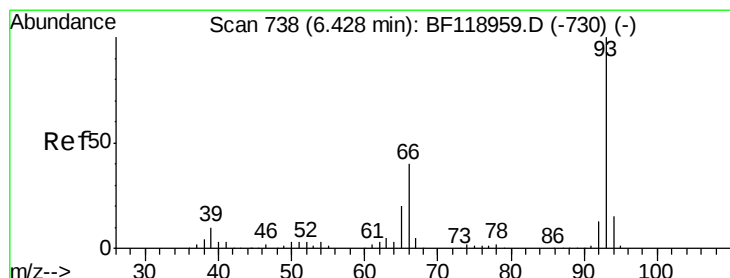
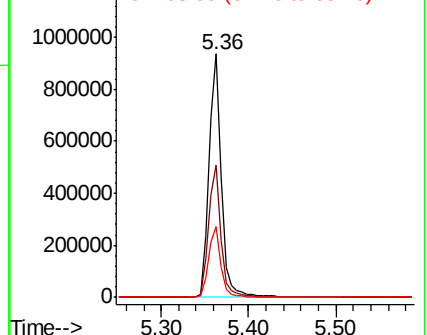
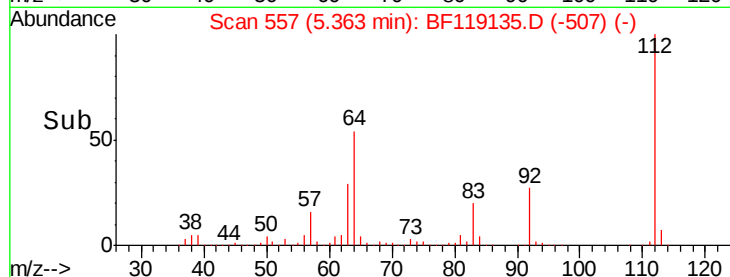
112 100

64 54.3 45.0 67.4

63 28.9 24.2 36.4



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: 31.103 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

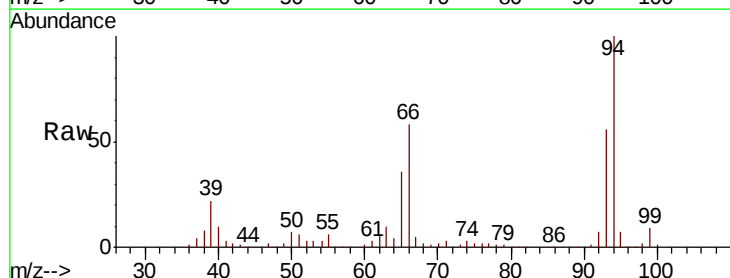
Tgt Ion: 93 Resp: 329287

Ion Ratio Lower Upper

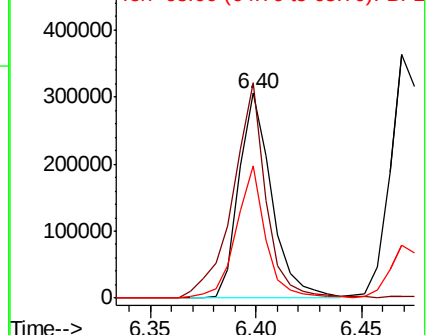
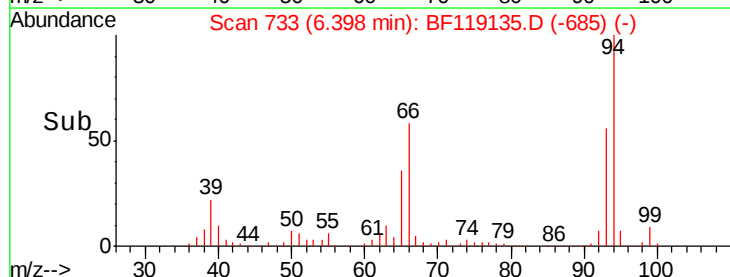
93 100

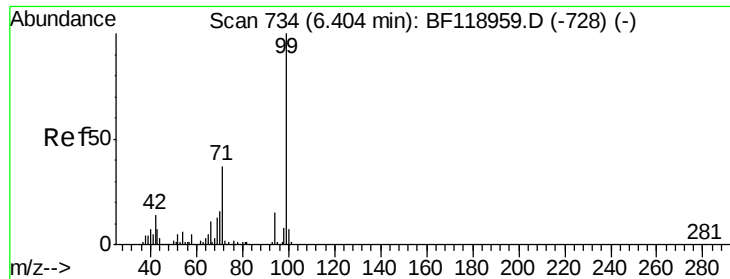
66 104.8 74.5 111.7

65 64.2 45.3 67.9



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: 129.814 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

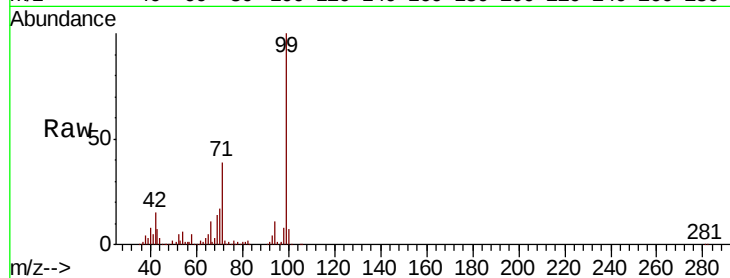
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1113785

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.6	18.8
71	39.2	31.0	46.4

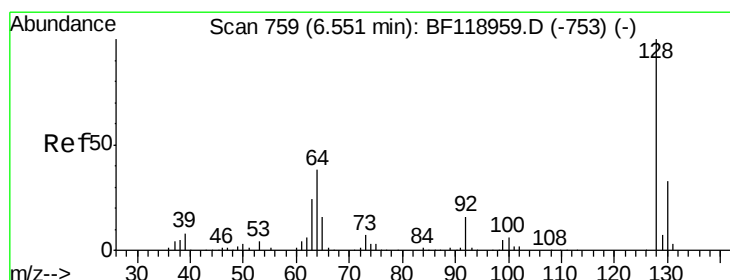
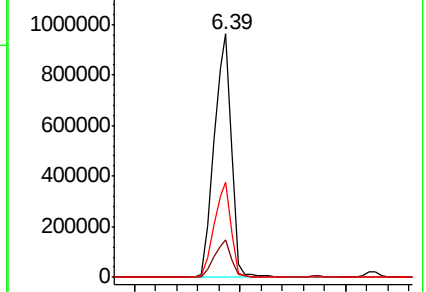
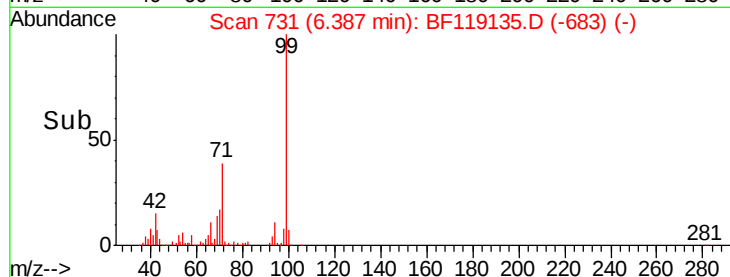


Abundance

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: 52.742 ng

RT: 6.52 min Scan# 754

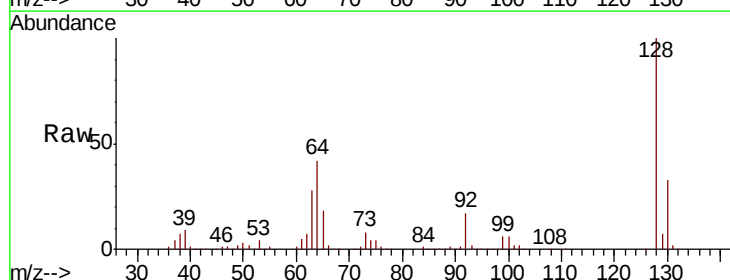
Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Tgt Ion: 128 Resp: 401547

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.7	52.7
64	41.9	22.3	62.3

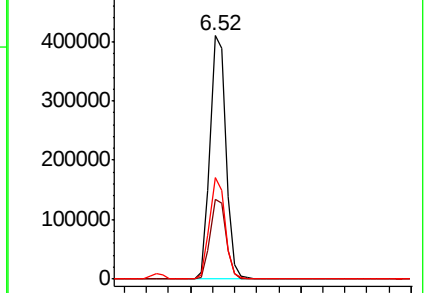
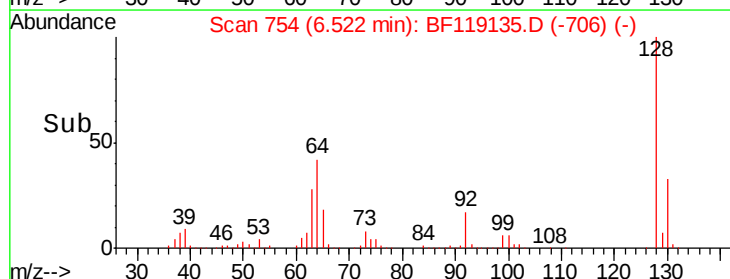


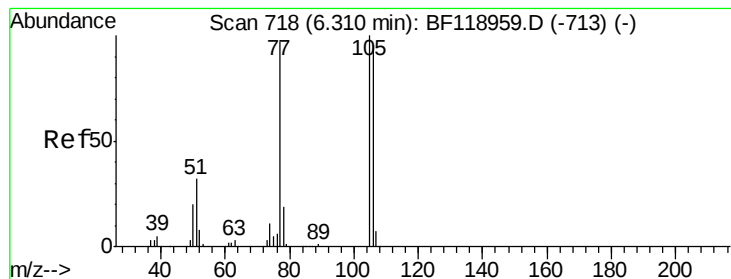
Abundance

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: 27.640 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

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ClientSampleId :

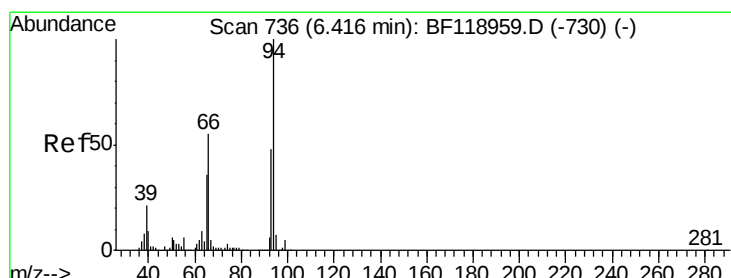
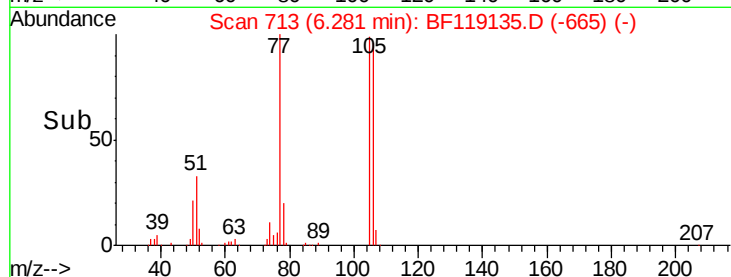
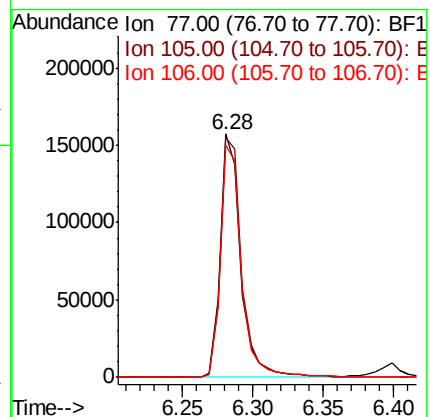
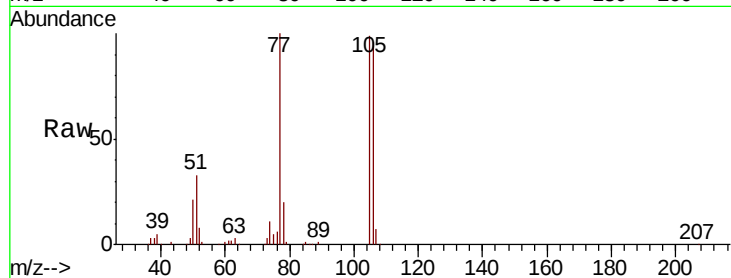
Tot Ion: 77 Resp: 158442

Ion Ratio Lower Upper

77 100

105 98.7 80.1 120.1

106 95.5 75.9 115.9



#10

Phenol

Concen: 49.238 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

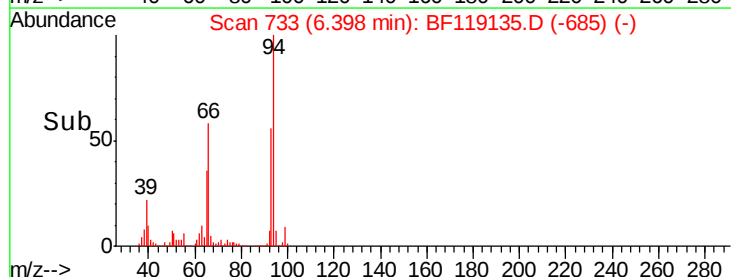
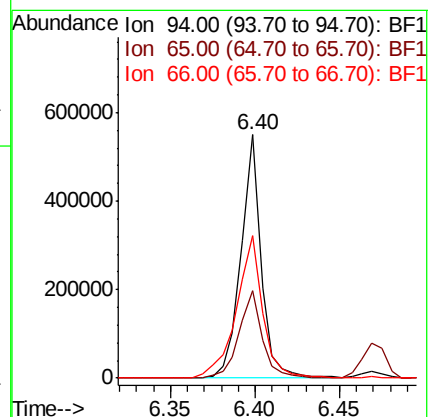
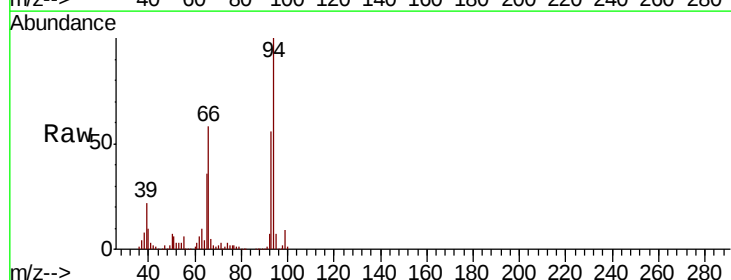
Tgt Ion: 94 Resp: 456748

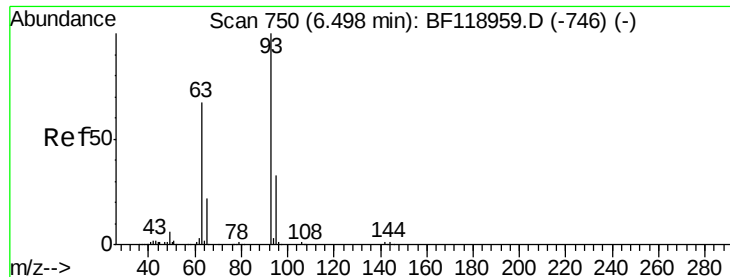
Ion Ratio Lower Upper

94 100

65 35.7 19.2 59.2

66 58.3 44.4 84.4





#11

bis(2-Chloroethyl)ether

Concen: 50.138 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA_F

ClientSampleId :

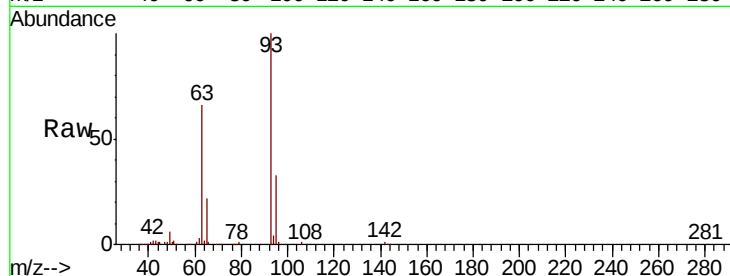
Tot Ion: 93 Resp: 355864

Ion Ratio Lower Upper

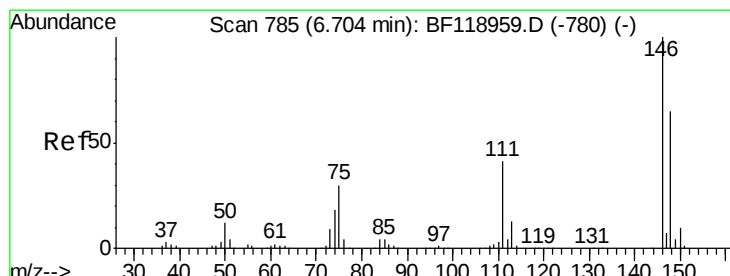
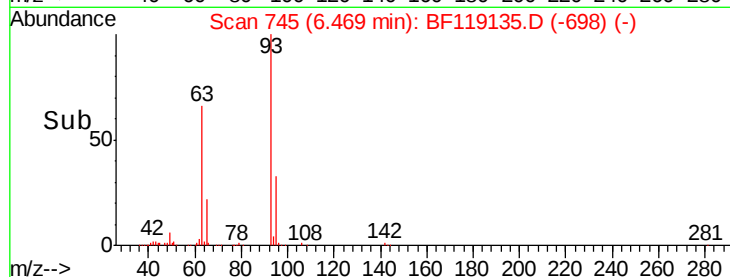
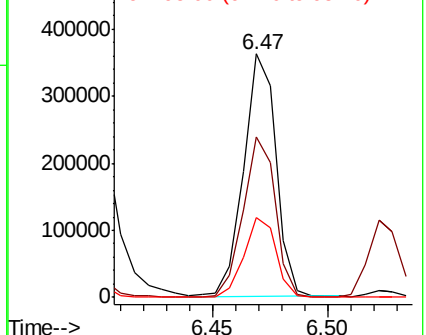
93 100

63 66.0 45.4 85.4

95 32.7 13.5 53.5



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



#12

1,3-Dichlorobenzene

Concen: 46.995 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

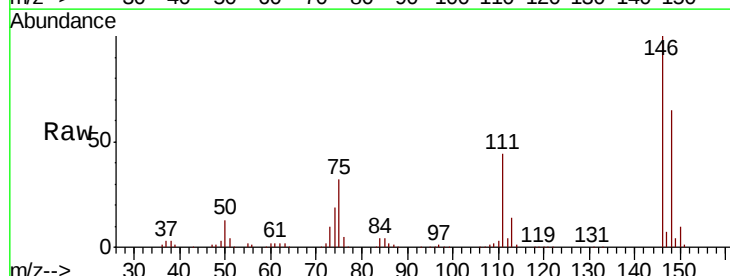
Tgt Ion: 146 Resp: 428836

Ion Ratio Lower Upper

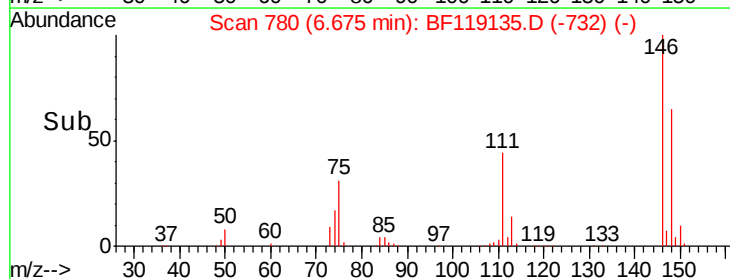
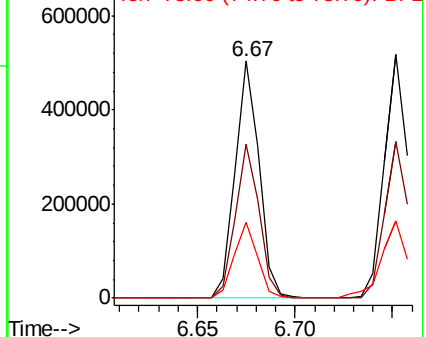
146 100

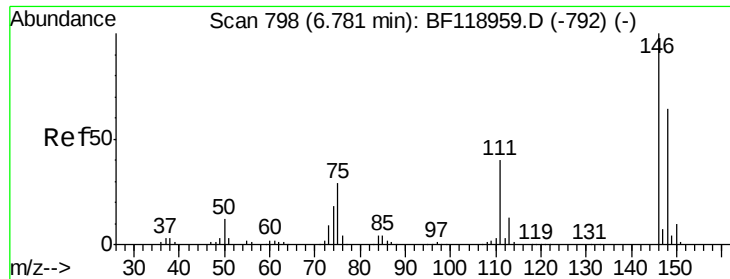
148 65.0 52.5 78.7

75 32.0 23.6 35.4



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

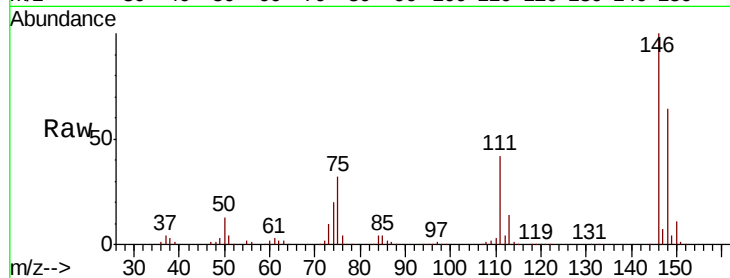




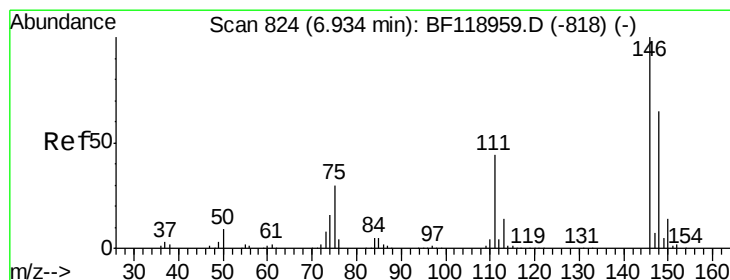
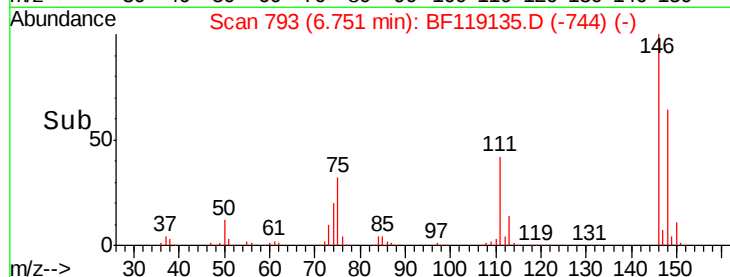
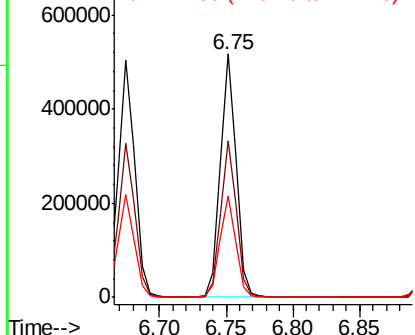
#13
 1,4-Dichlorobenzene
 Concen: 48.223 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF119135.D
 Acq: 28 Feb 2020 17:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 440339
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.1 76.7
 111 41.7 34.8 52.2

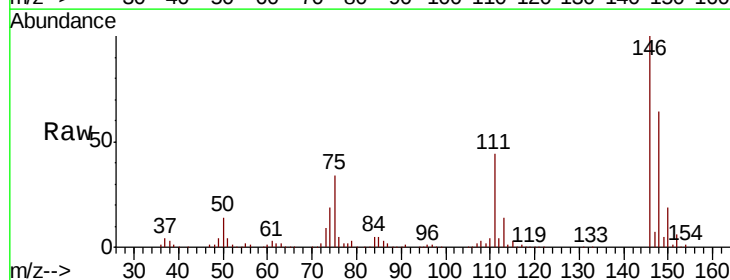


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

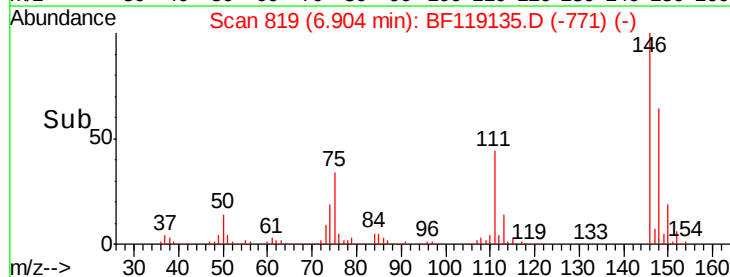
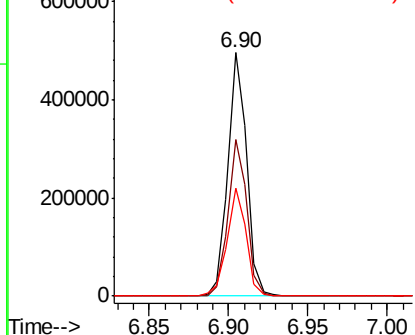


#14
 1,2-Dichlorobenzene
 Concen: 48.912 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF119135.D
 Acq: 28 Feb 2020 17:09

Tgt Ion:146 Resp: 407329
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.9 77.9
 111 44.5 36.2 54.2



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





#15

Benzyl Alcohol

Concen: 52.973 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA_F

ClientSampled :

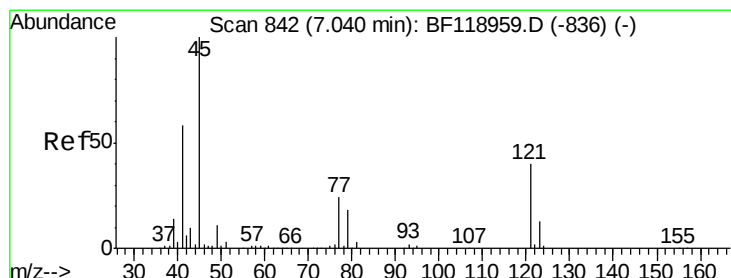
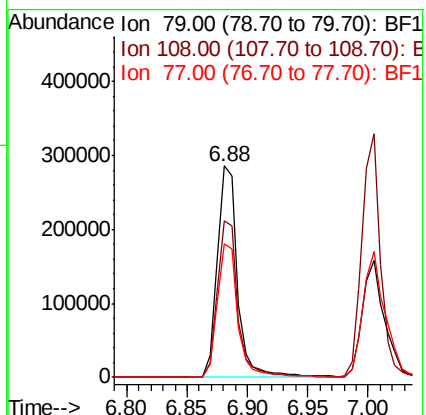
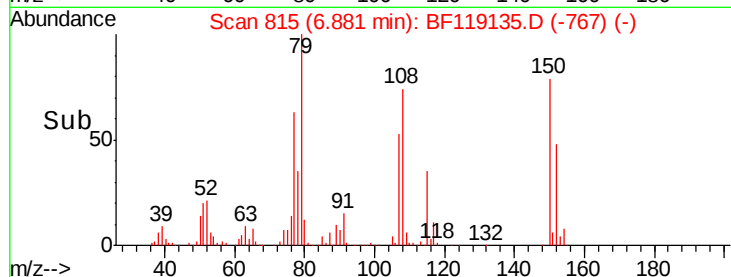
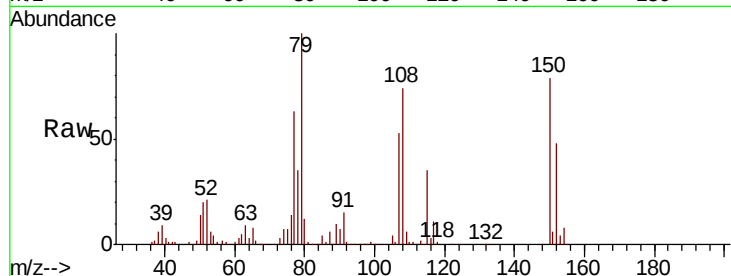
Tot Ion: 79 Resp: 328483

Ion Ratio Lower Upper

79 100

108 74.0 58.2 87.2

77 62.9 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.393 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

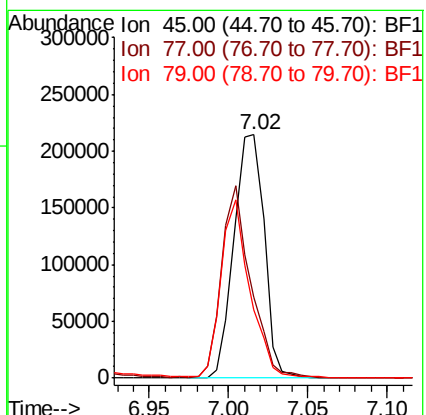
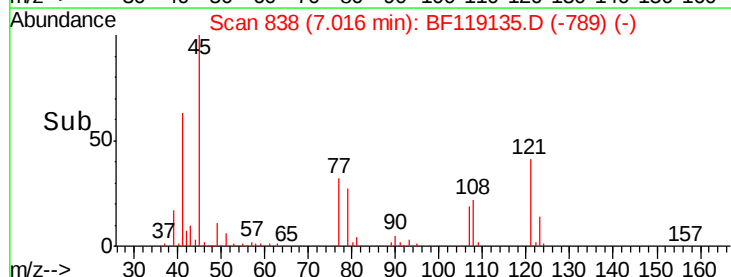
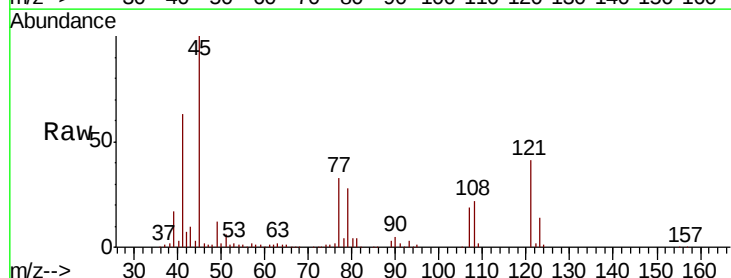
Tgt Ion: 45 Resp: 285243

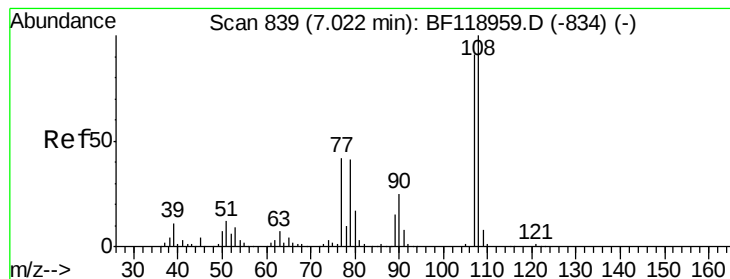
Ion Ratio Lower Upper

45 100

77 33.3 15.0 55.0

79 27.8 9.4 49.4

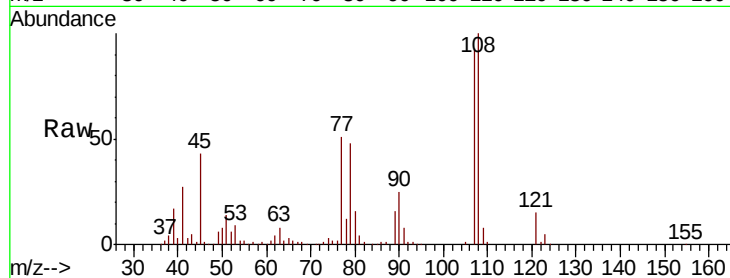




#17
2-Methylphenol
Concen: 51.193 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	315996
Ion	Ratio	Lower	Upper
107	100		
108	108.0	87.9	131.9
77	55.6	45.3	67.9
79	51.7	43.0	64.4



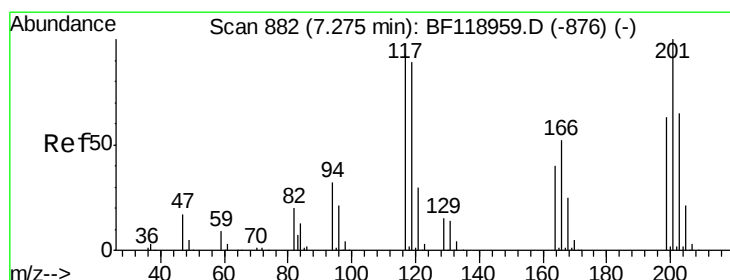
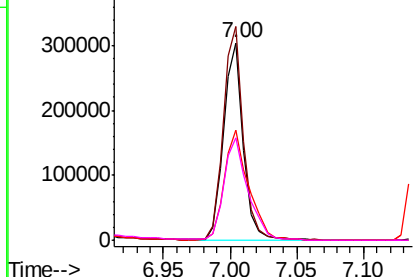
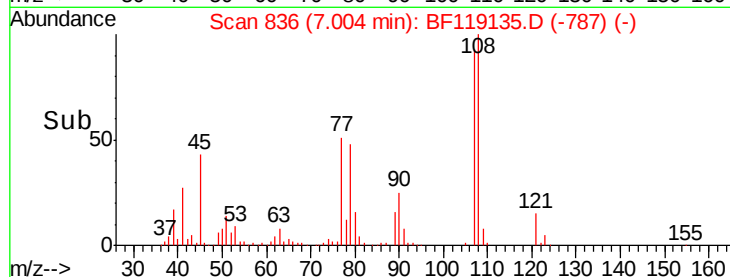
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

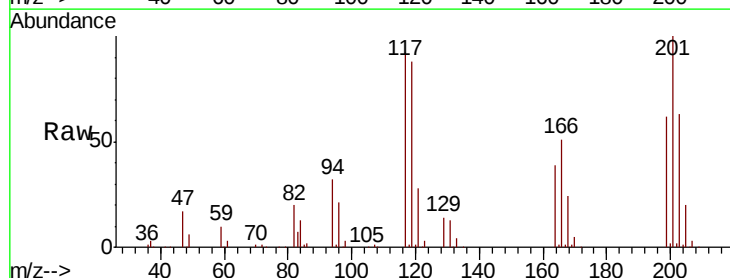
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 47.740 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

Tgt Ion:	117	Resp:	155963
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.5	116.3
201	109.0	82.6	123.8

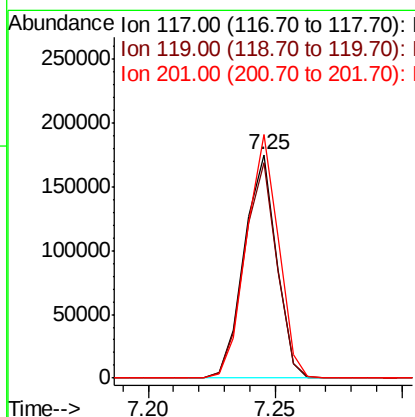
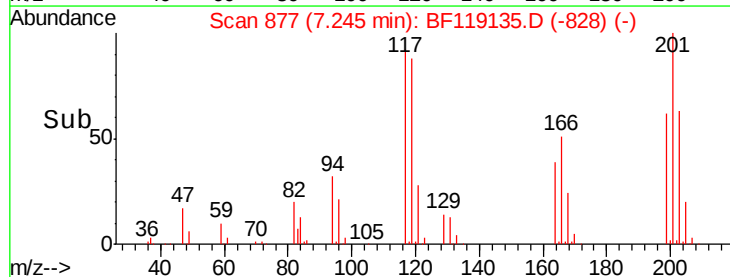


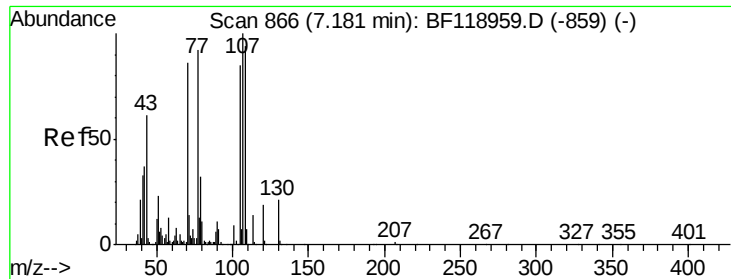
Abundance

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

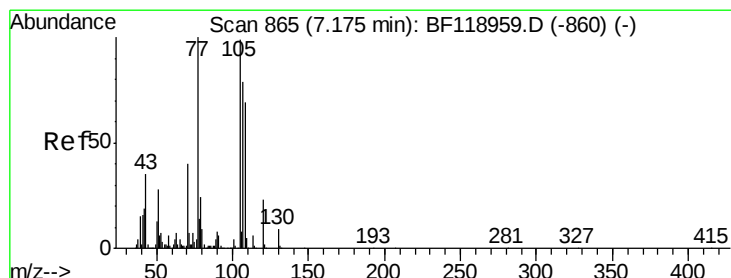
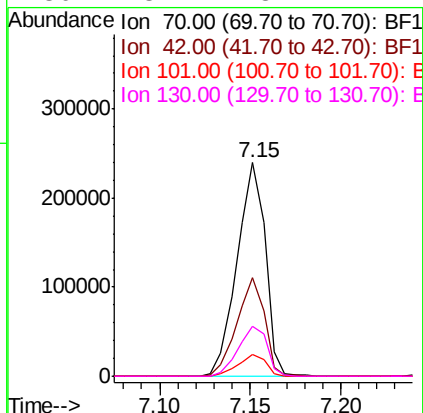
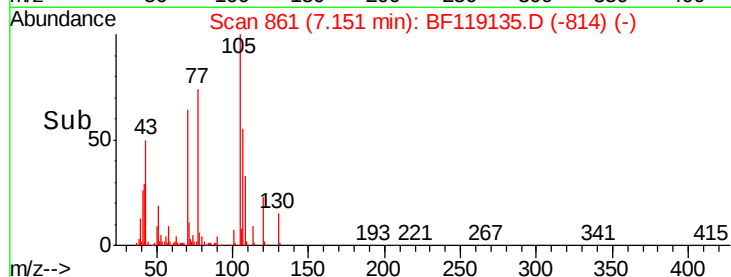
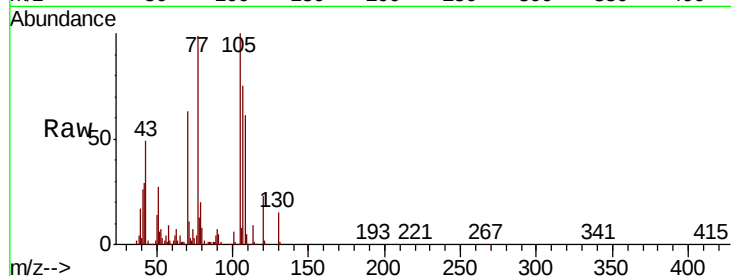




#19
n-Nitroso-di-n-propylamine
Concen: 51.942 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

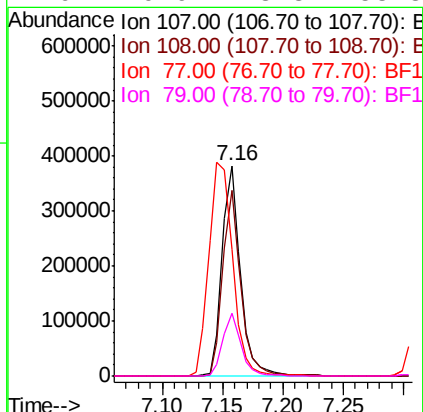
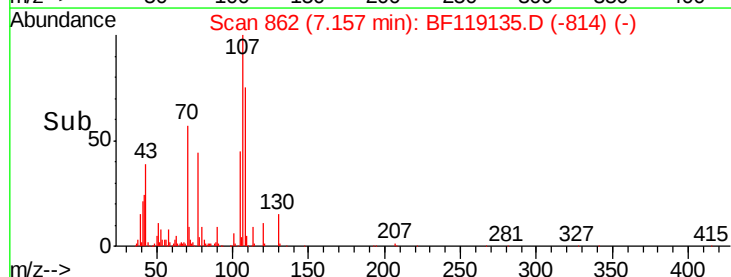
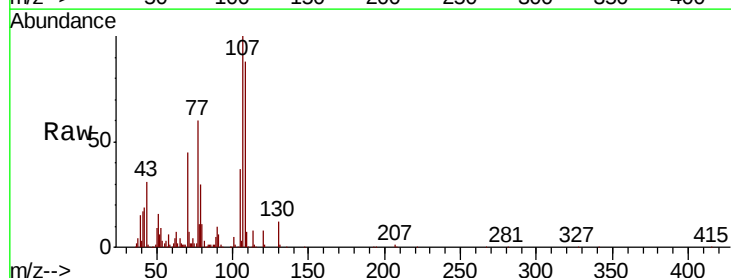
Instrument :
BNA_F
ClientSampleId :

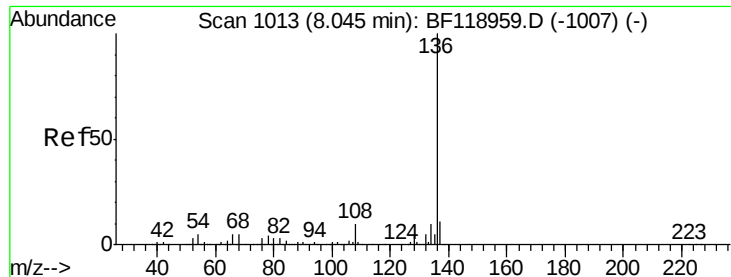
Tot Ion: 70 Resp: 259682
Ion Ratio Lower Upper
70 100
42 45.9 38.0 57.0
101 10.2 8.2 12.4
130 23.1 18.2 27.4



#20
3+4-Methylphenols
Concen: 52.859 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

Tgt Ion: 107 Resp: 399737
Ion Ratio Lower Upper
107 100
108 88.4 71.5 111.5
77 60.1 45.9 85.9
79 29.9 13.8 53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 441149

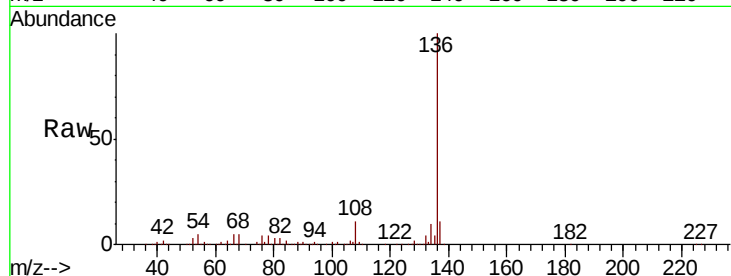
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 4.8 3.8 5.6

68 5.2 3.9 5.9

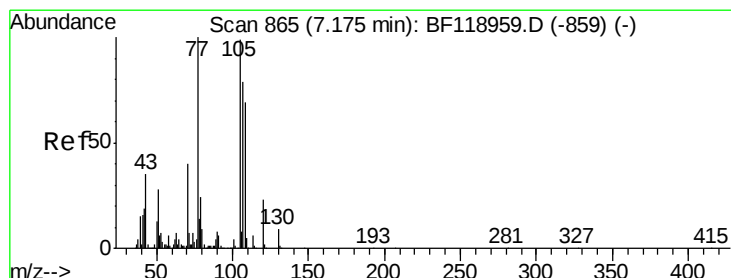
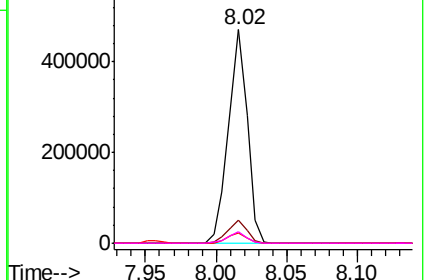
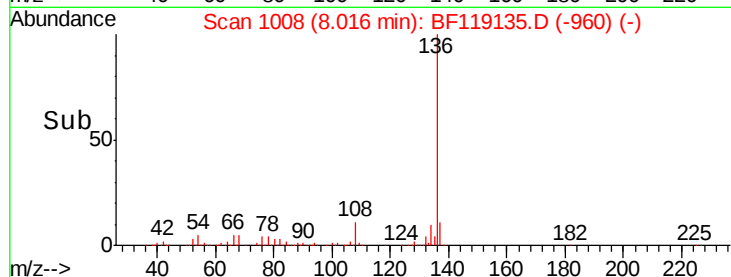


Abundance Ion 136.00 (135.70 to 136.70): E

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: 51.378 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Tgt Ion:105 Resp: 524417

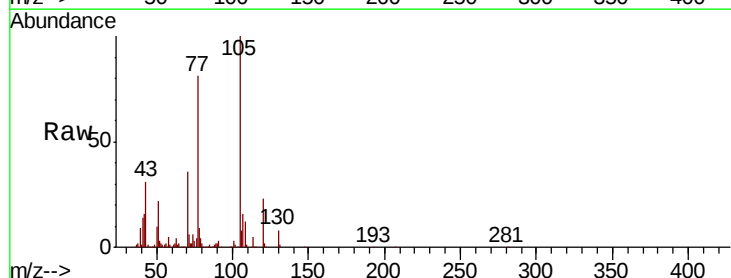
Ion Ratio Lower Upper

105 100

71 5.6 3.0 4.4#

51 21.7 20.1 30.1

120 23.0 18.0 27.0

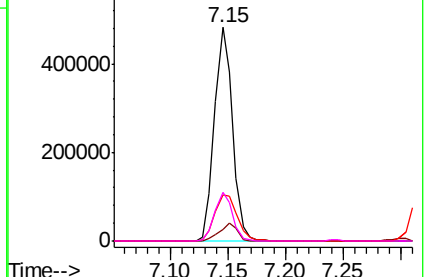
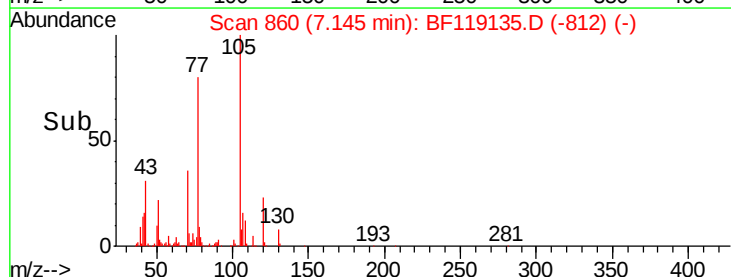


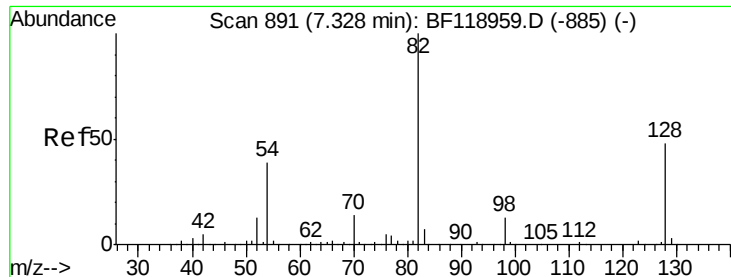
Abundance Ion 105.00 (104.70 to 105.70): E

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

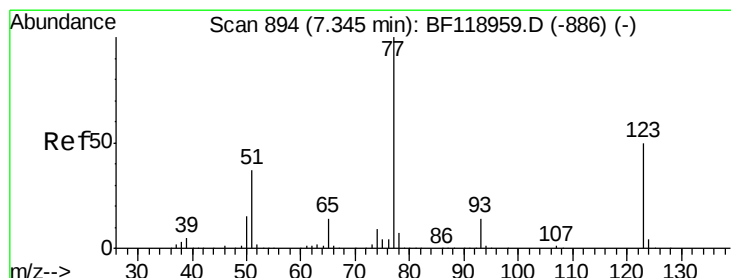
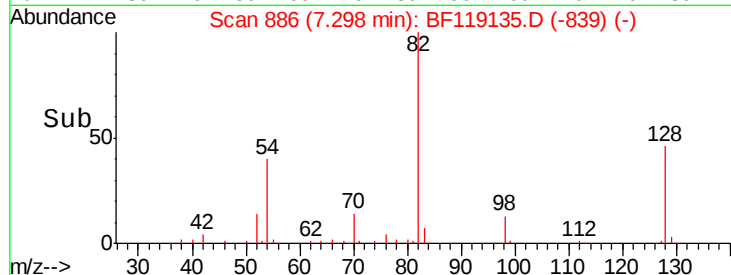
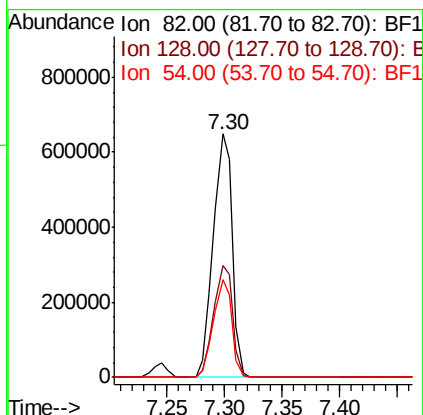
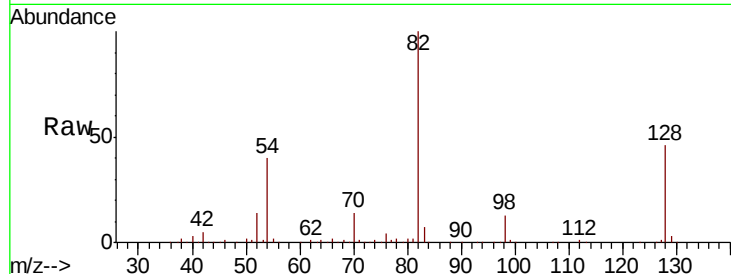




#23
 Nitrobenzene-d5
 Concen: 89.039 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF119135.D
 Acq: 28 Feb 2020 17:09

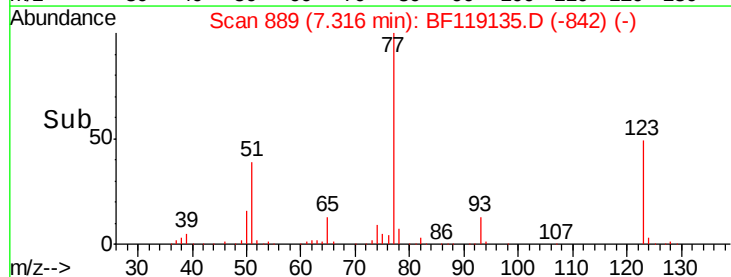
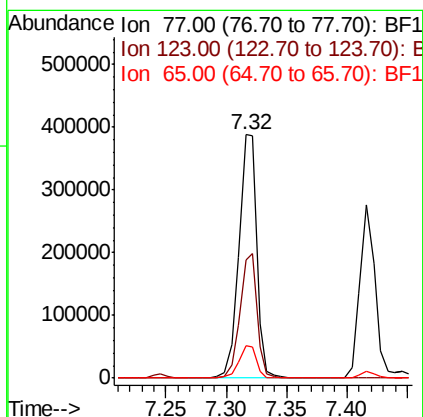
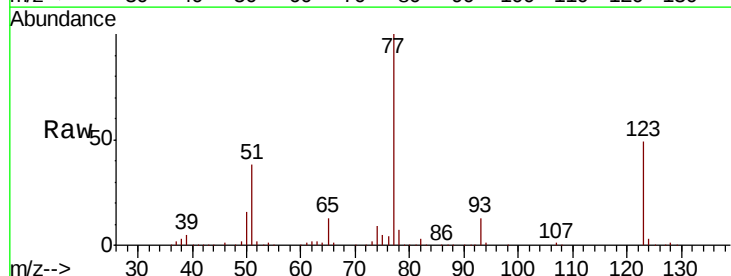
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	743925
Ion Ratio	Lower	Upper	
82	100		
128	45.7	37.9	56.9
54	40.1	33.4	50.2



#24
 Nitrobenzene
 Concen: 48.896 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.02 min
 Lab File: BF119135.D
 Acq: 28 Feb 2020 17:09

Tgt Ion	77	Resp	403994
Ion Ratio	Lower	Upper	
77	100		
123	48.6	40.2	60.2
65	13.4	10.8	16.2





#25

Isophorone

Concen: 50.524 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA_F

ClientSampleId :

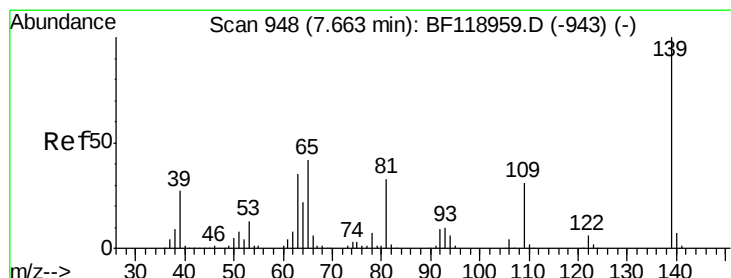
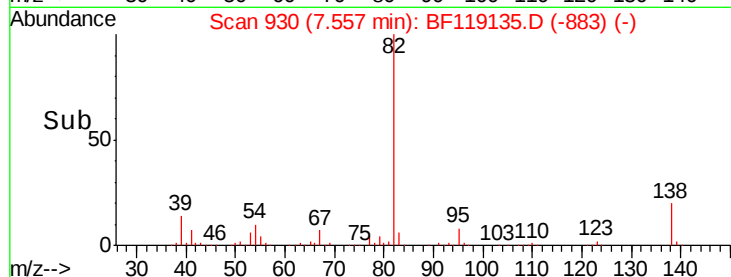
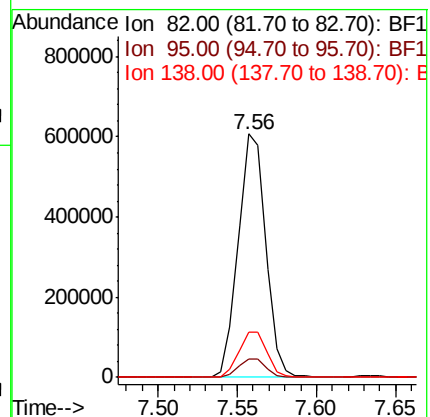
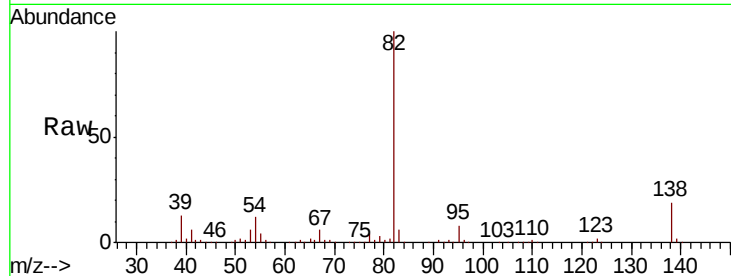
Tot Ion: 82 Resp: 733113

Ion Ratio Lower Upper

82 100

95 7.7 6.4 9.6

138 18.8 15.7 23.5



#26

2-Nitrophenol

Concen: 50.380 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

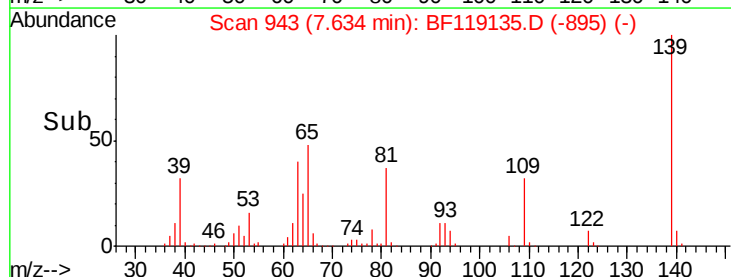
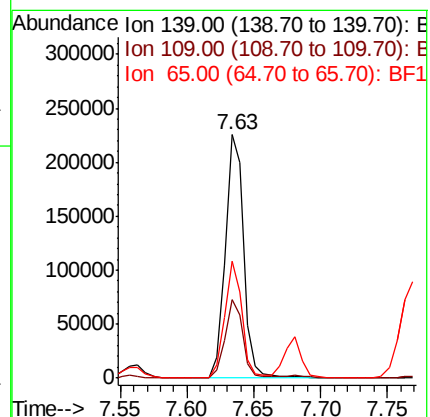
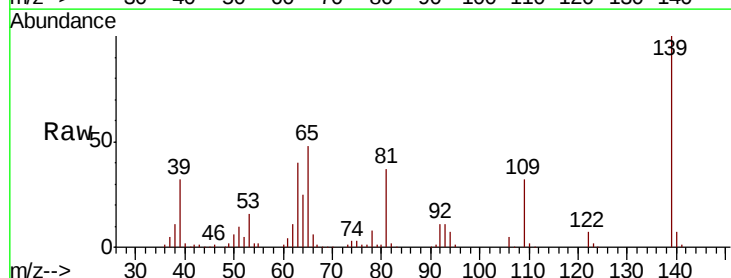
Tgt Ion: 139 Resp: 220553

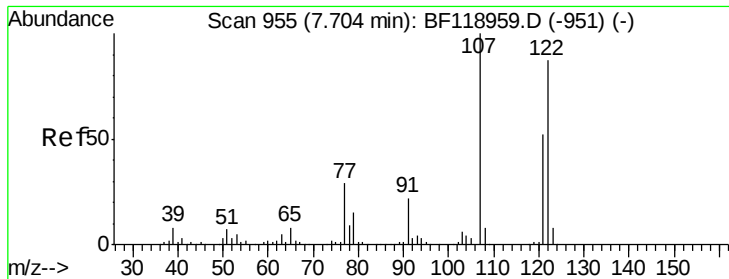
Ion Ratio Lower Upper

139 100

109 32.2 25.7 38.5

65 48.0 37.1 55.7

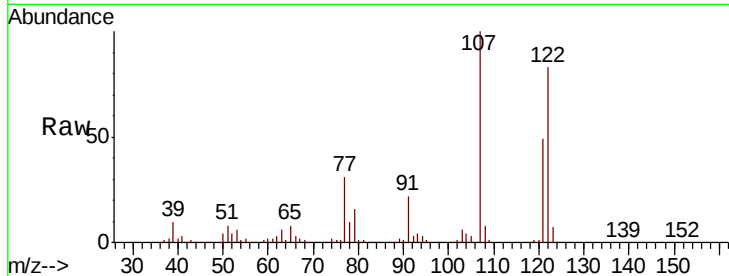




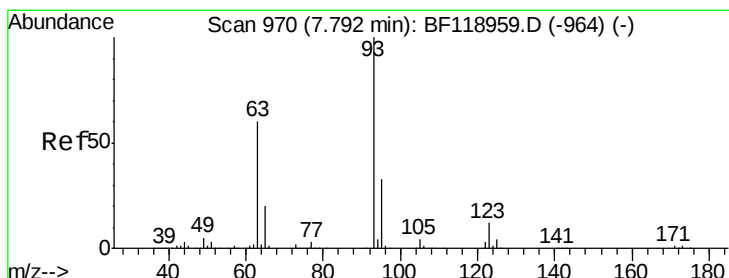
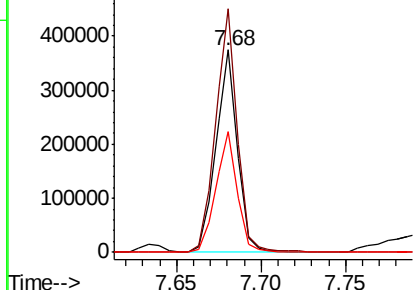
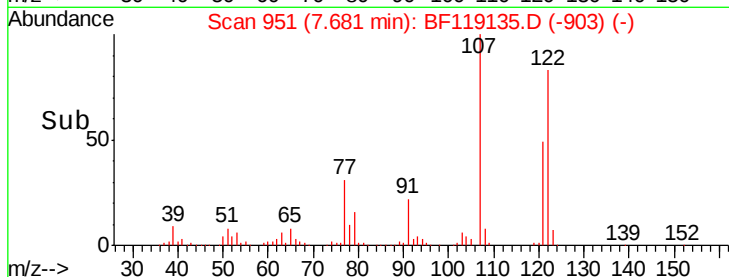
#27
 2,4-Dimethylphenol
 Concen: 56.104 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.02 min
 Lab File: BF119135.D
 Acq: 28 Feb 2020 17:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 333340
 Ion Ratio Lower Upper
 122 100
 107 120.2 93.8 140.6
 121 59.4 48.2 72.2

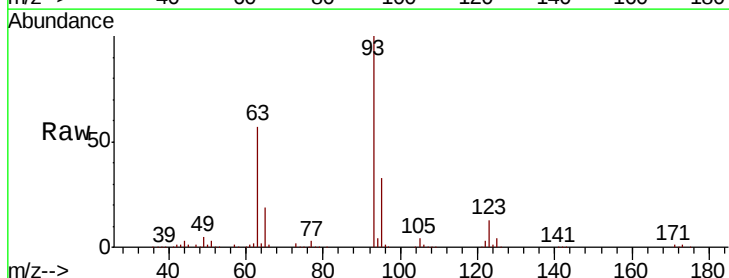


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

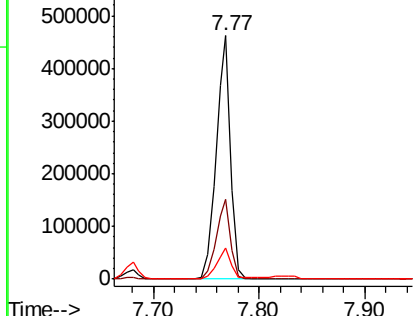
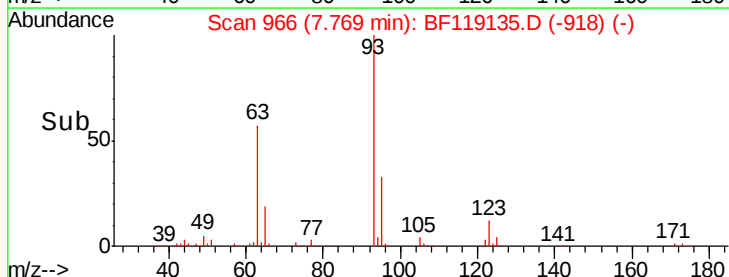


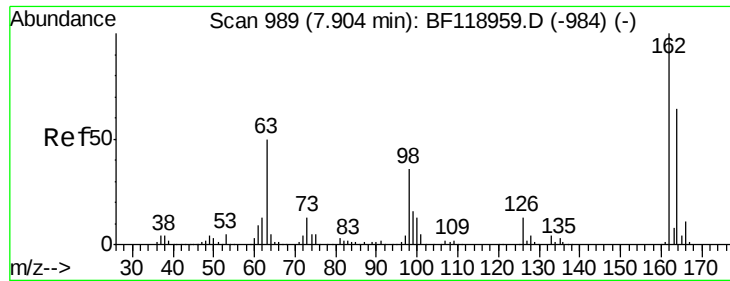
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.974 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BF119135.D
 Acq: 28 Feb 2020 17:09

Tgt Ion: 93 Resp: 443658
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.5 39.7
 123 12.6 10.2 15.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

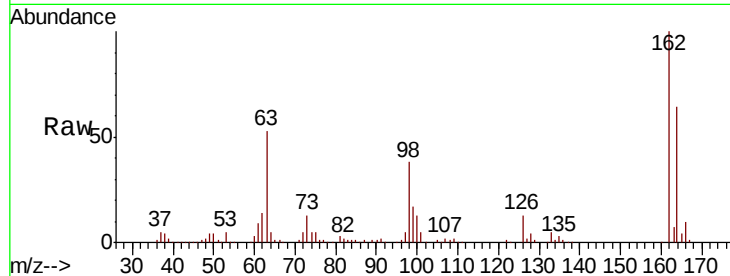




#29
2,4-Dichlorophenol
Concen: 49.275 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	45.2	85.2
98	37.7	17.4	57.4

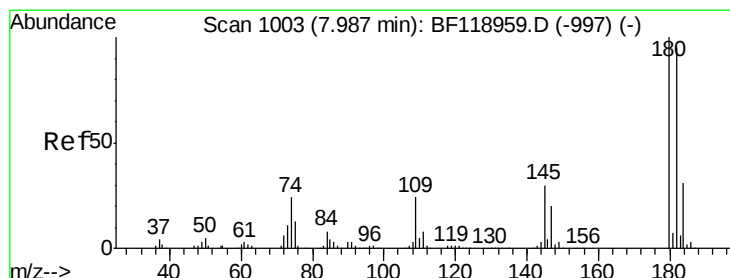
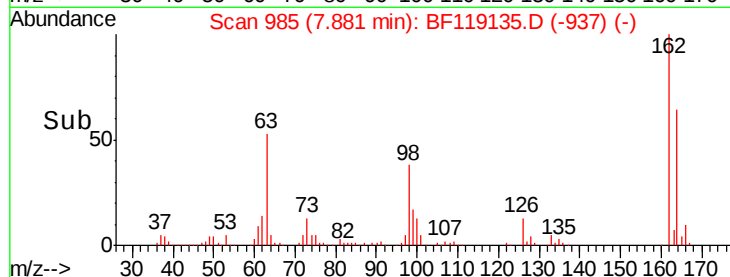
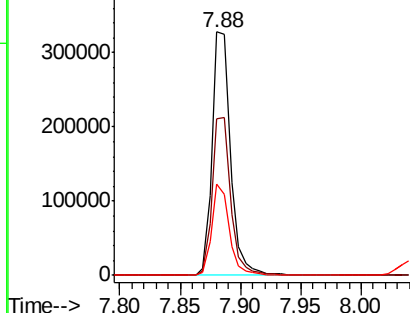


Abundance

Ion 162.00 (161.70 to 162.70): E

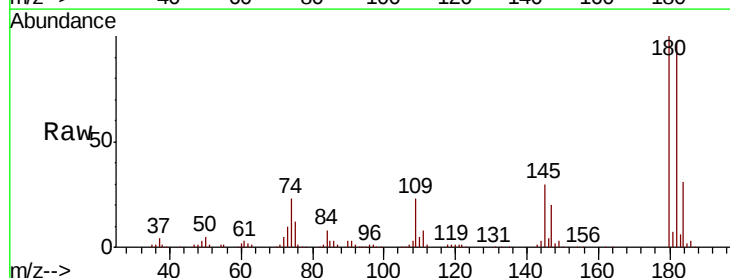
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 46.026 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.8	116.6
145	29.8	25.2	37.8

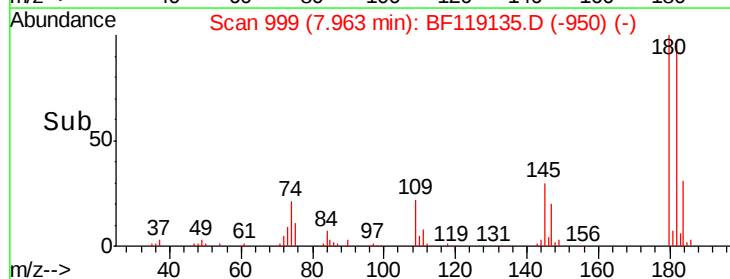
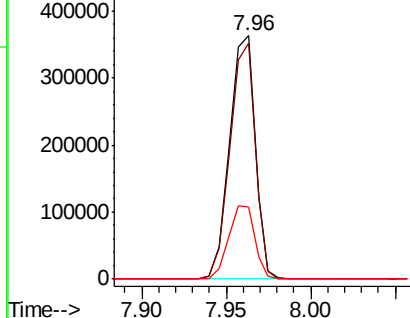


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.980 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA_F

ClientSampleId :

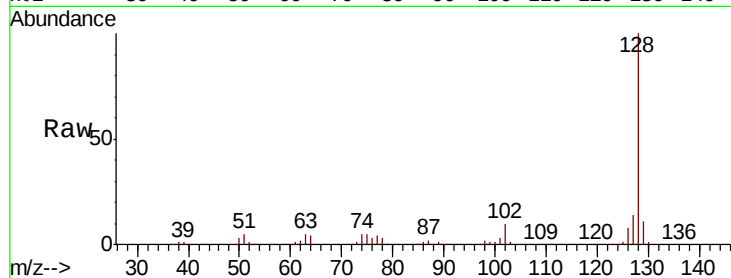
Tot Ion:128 Resp: 1120593

Ion Ratio Lower Upper

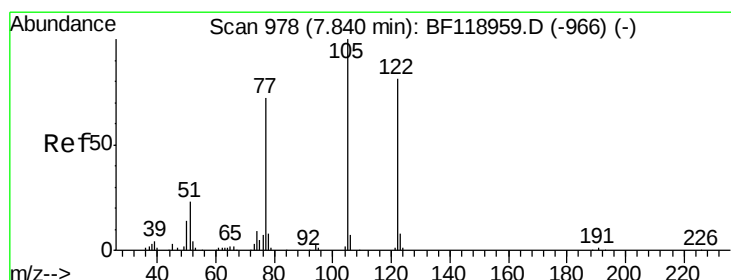
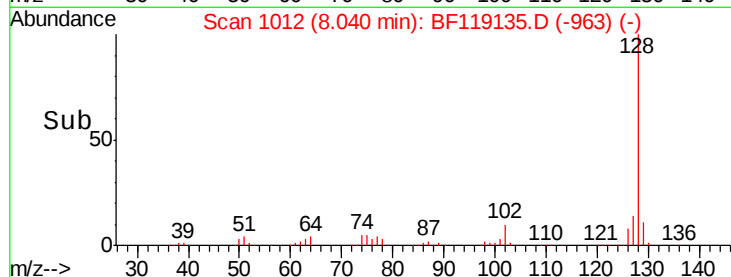
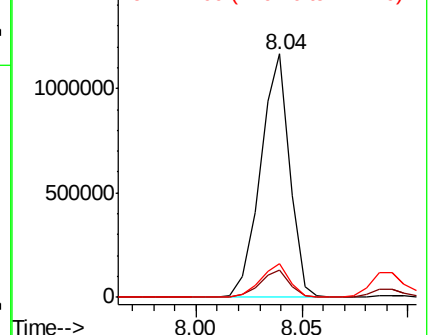
128 100

129 11.3 9.4 14.2

127 13.6 11.4 17.2



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



#32

Benzoic acid

Concen: 48.311 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.03 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

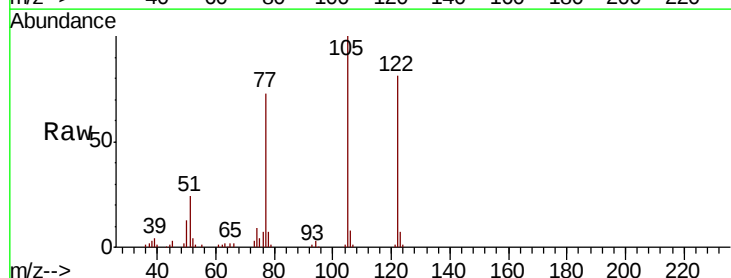
Tgt Ion:122 Resp: 209662

Ion Ratio Lower Upper

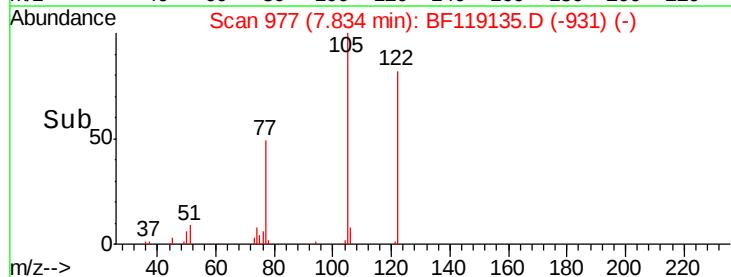
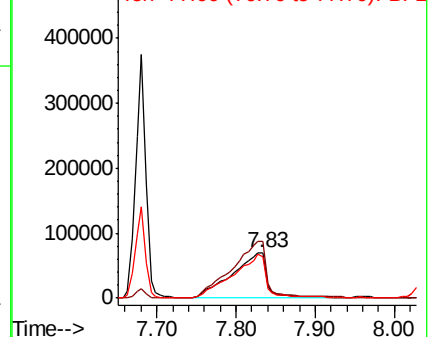
122 100

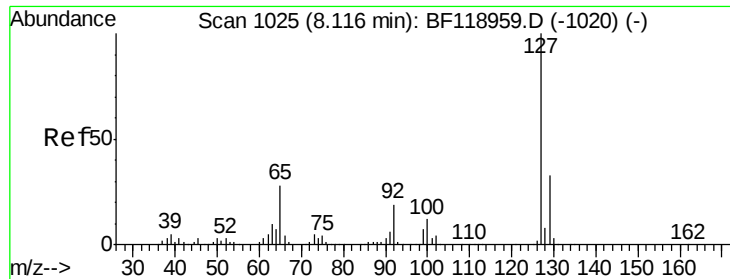
105 123.2 106.3 146.3

77 89.9 73.1 113.1



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

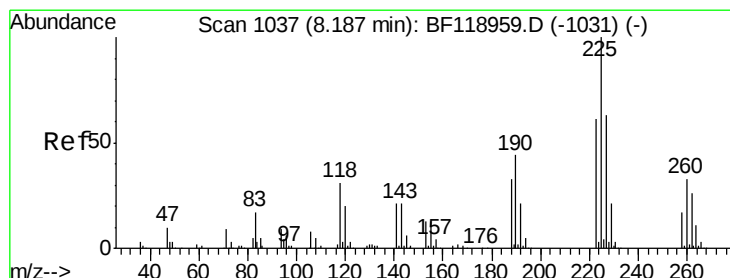
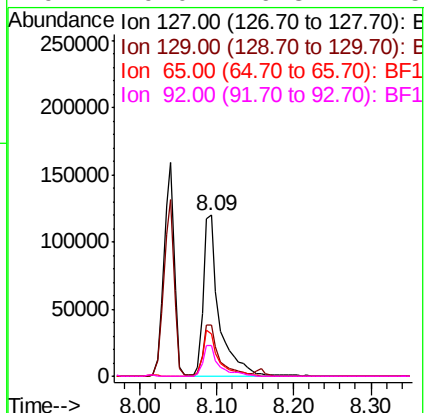
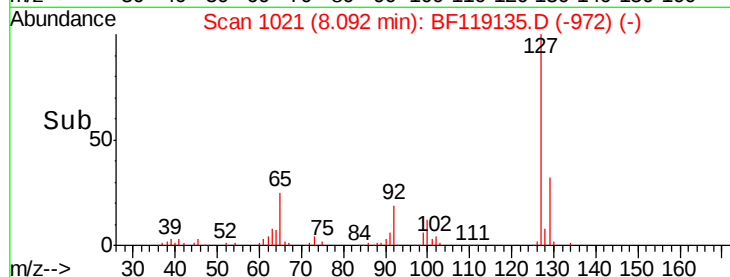
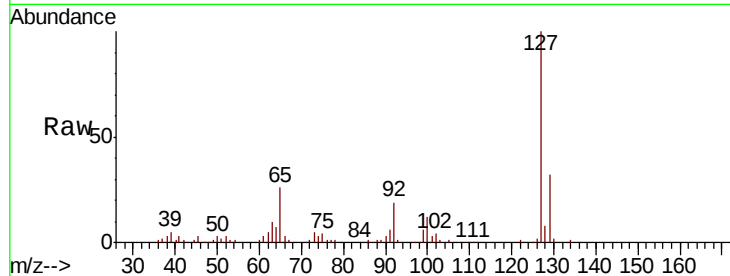




#33
4-Chloroaniline
Concen: 17.612 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

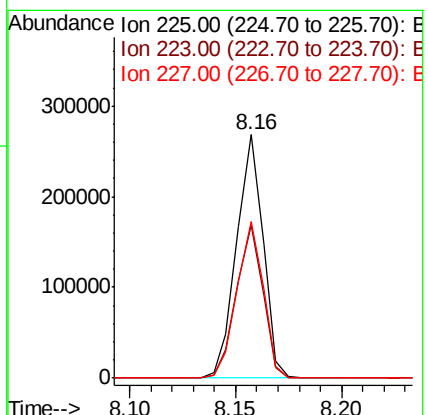
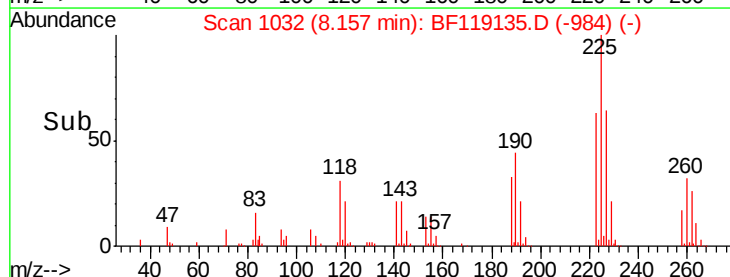
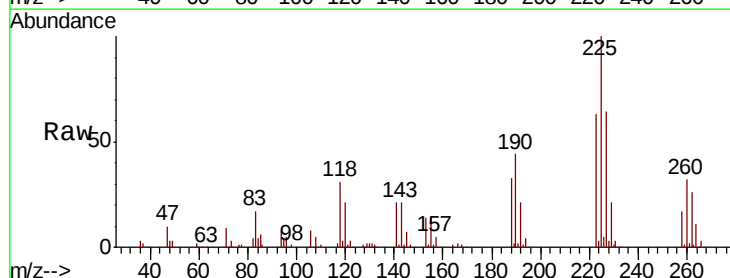
Instrument :
BNA_F
ClientSampleId :

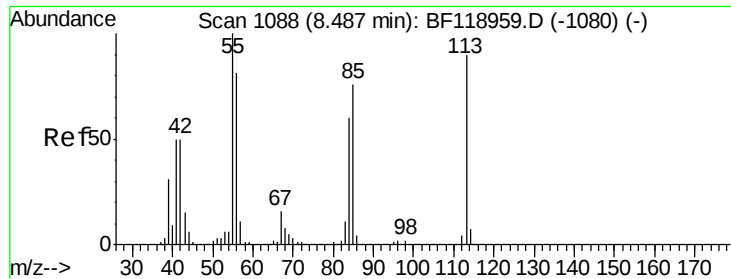
Tot Ion:127	Resp:	173303
Ion Ratio	Lower	Upper
127	100	
129	32.1	25.9 38.9
65	26.3	23.9 35.9
92	19.0	16.3 24.5



#34
Hexachlorobutadiene
Concen: 45.050 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

Tgt Ion:225	Resp:	232715
Ion Ratio	Lower	Upper
225	100	
223	62.7	49.4 74.2
227	64.3	52.9 79.3

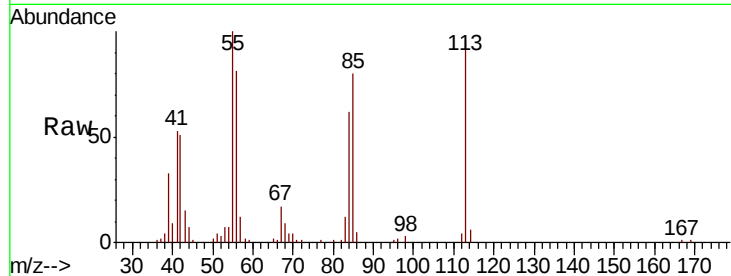




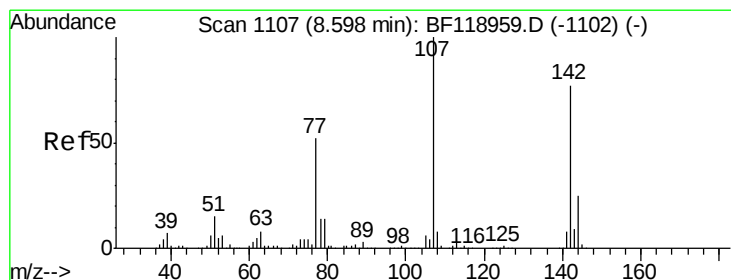
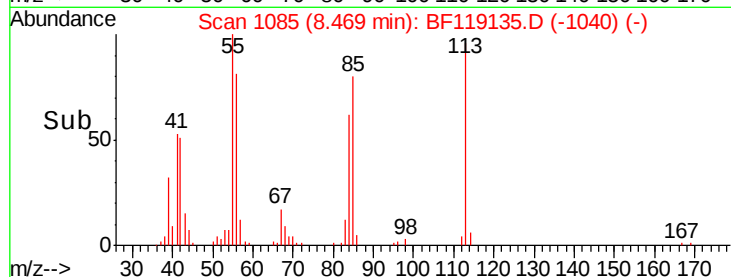
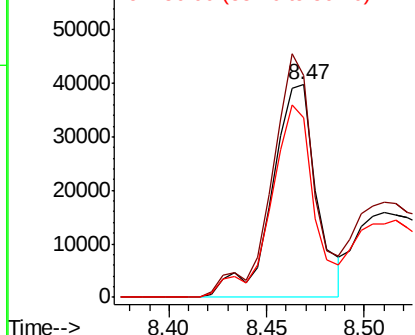
#35
 Caprolactam
 Concen: 29.347 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. -0.04 min
 Lab File: BF119135.D
 Acq: 28 Feb 2020 17:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 63204
 Ion Ratio Lower Upper
 113 100
 55 104.5 95.7 135.7
 56 84.6 73.1 113.1

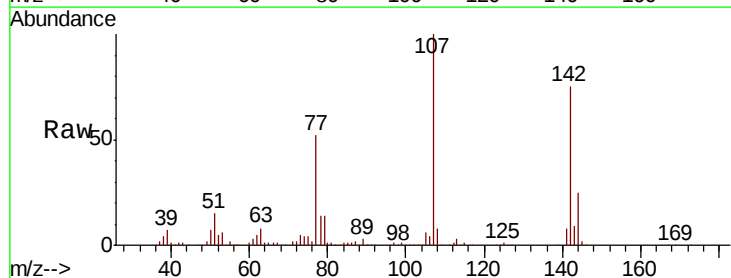


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

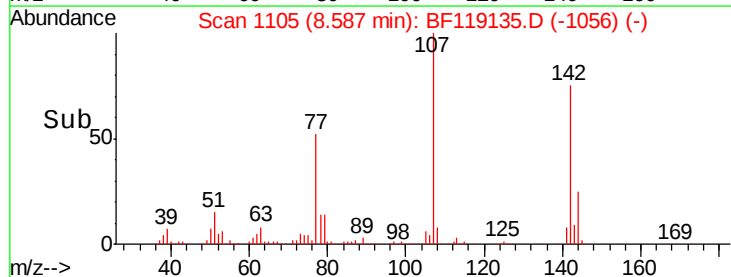
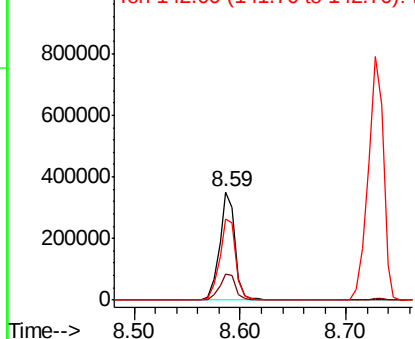


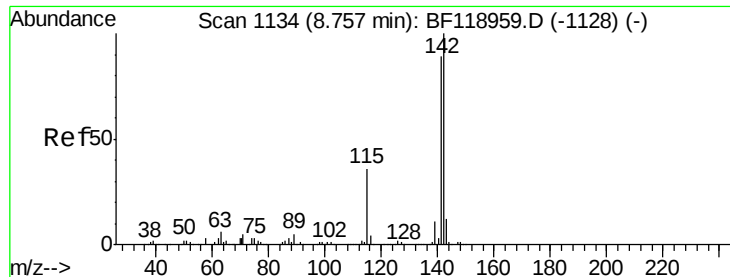
#36
 4-Chloro-3-methylphenol
 Concen: 51.404 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BF119135.D
 Acq: 28 Feb 2020 17:09

Tgt Ion:107 Resp: 363877
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.1 30.1
 142 75.1 61.4 92.2



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

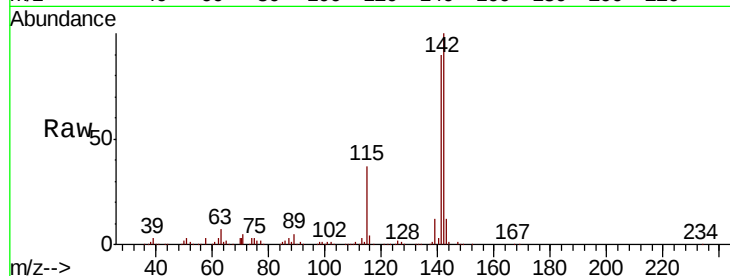




#37
2-Methylnaphthalene
Concen: 50.588 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.3	108.5
115	36.6	30.6	45.8

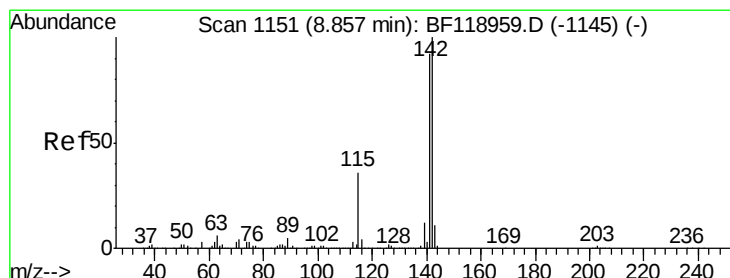
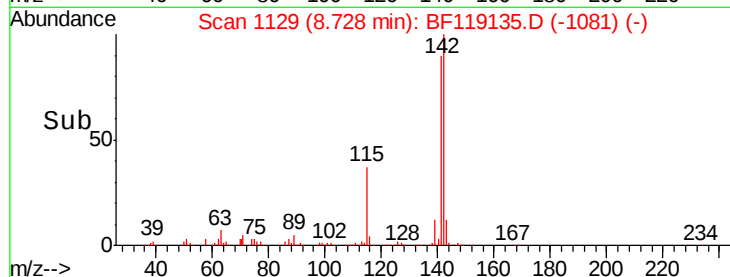
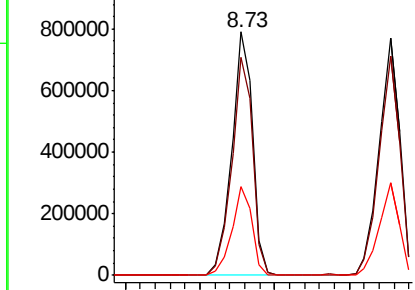


Abundance

Ion 142.00 (141.70 to 142.70): E

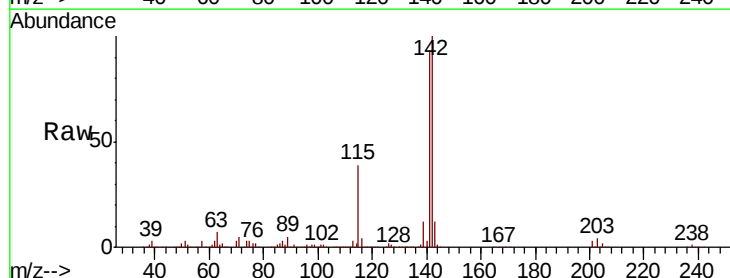
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 50.642 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	75.8	113.6
116	3.9	3.1	4.7

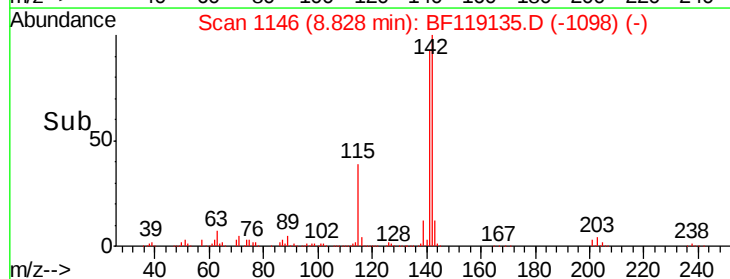
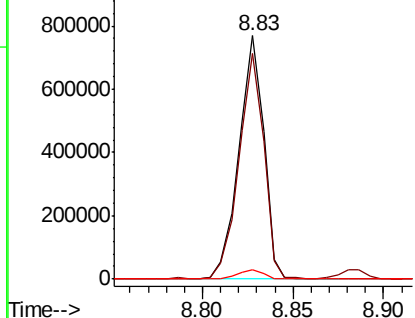


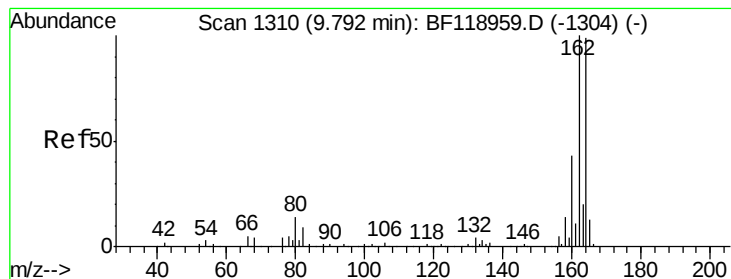
Abundance

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: 9.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA_F

ClientSampleId :

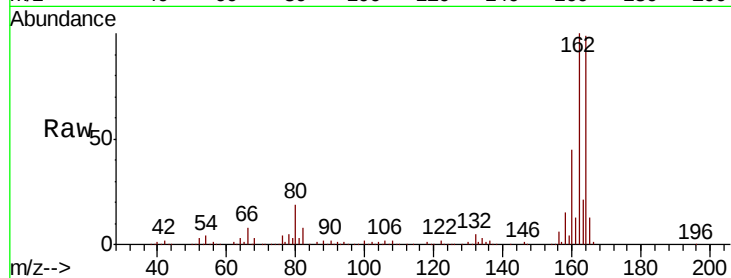
Tot Ion:164 Resp: 253420

Ion Ratio Lower Upper

164 100

162 101.0 81.8 122.8

160 45.3 36.0 54.0

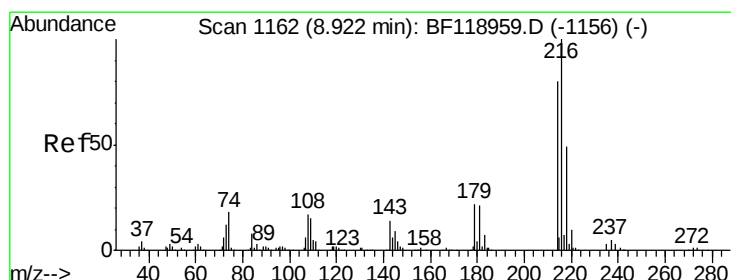
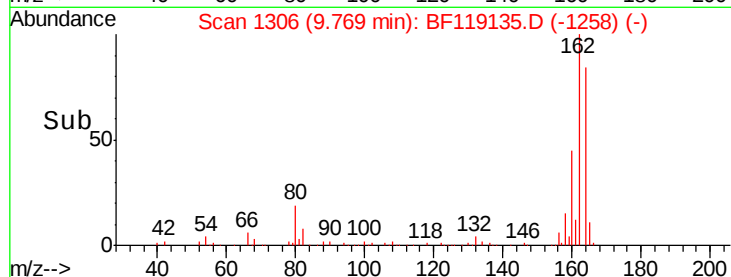
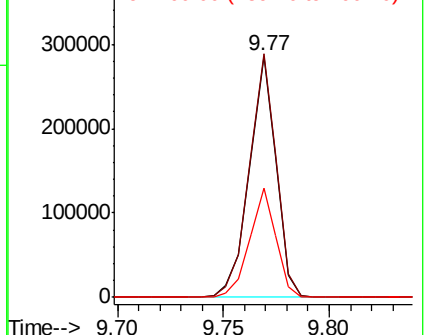


Abundance

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: 45.121 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Tgt Ion:216 Resp: 385526

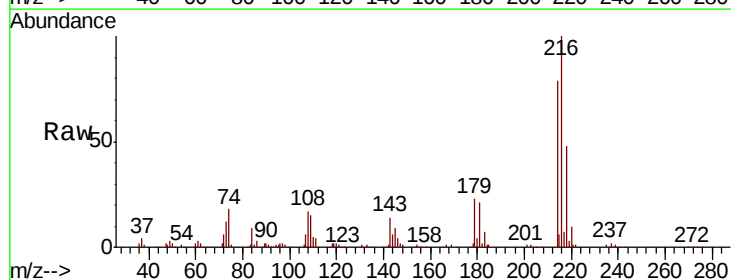
Ion Ratio Lower Upper

216 100

214 79.1 63.3 94.9

179 21.9 17.7 26.5

108 18.5 13.9 20.9



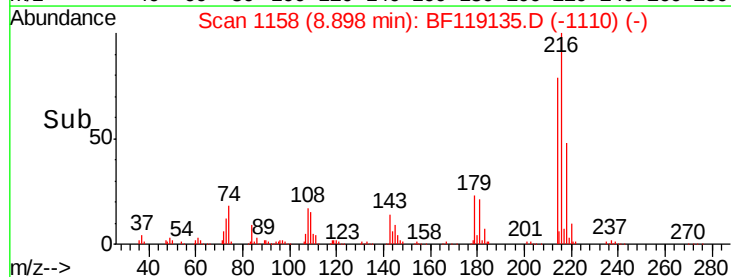
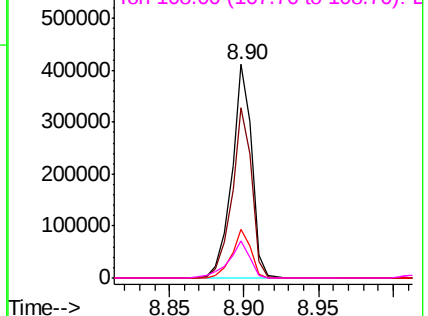
Abundance

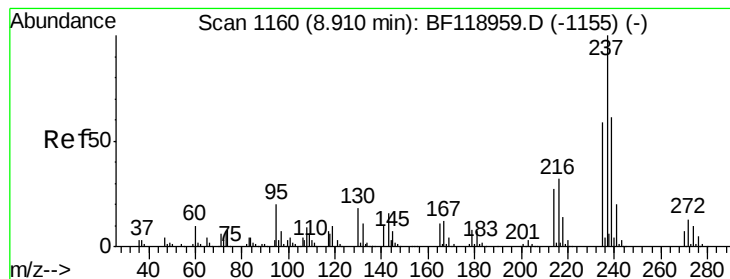
Ion 216.00 (215.70 to 216.70): E

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: 80.939 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA_F

ClientSampleId :

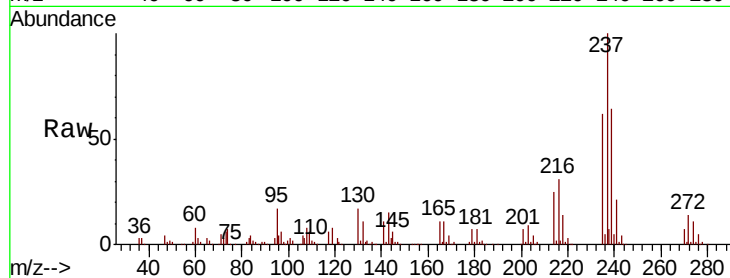
Tot Ion:237 Resp: 252117

Ion Ratio Lower Upper

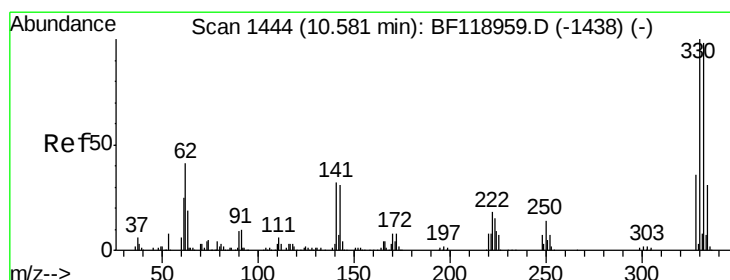
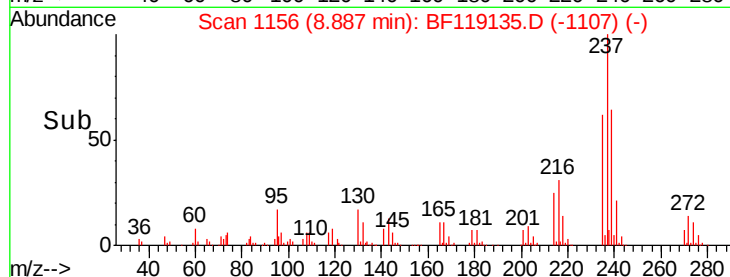
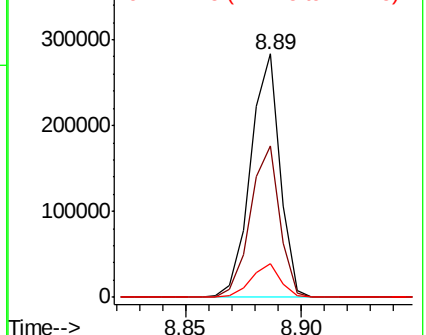
237 100

235 61.9 42.3 82.3

272 13.8 0.0 33.5



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: 126.524 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

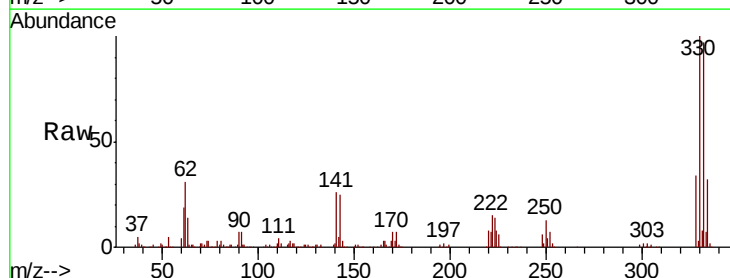
Tgt Ion:330 Resp: 419447

Ion Ratio Lower Upper

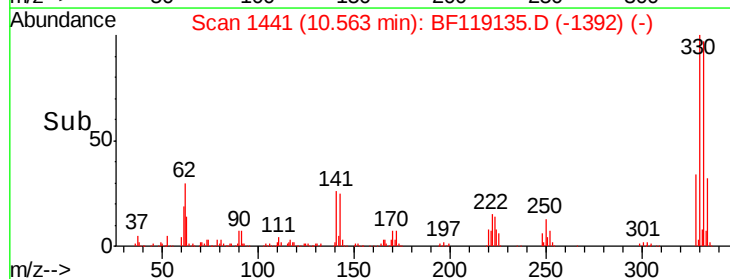
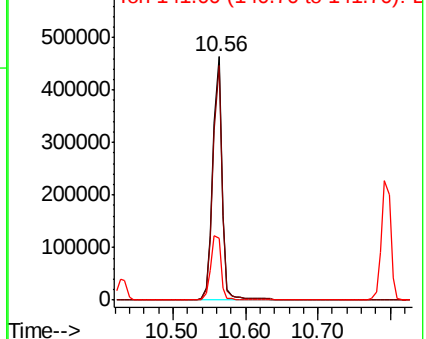
330 100

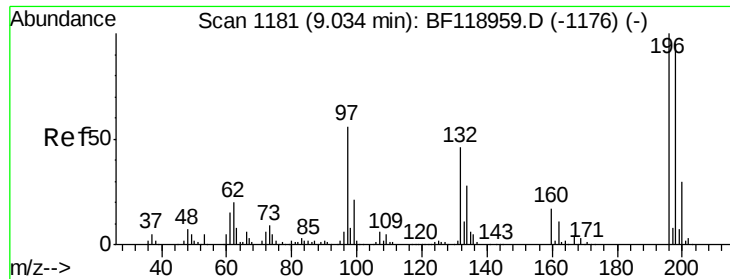
332 96.0 76.0 114.0

141 29.2 22.9 34.3



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

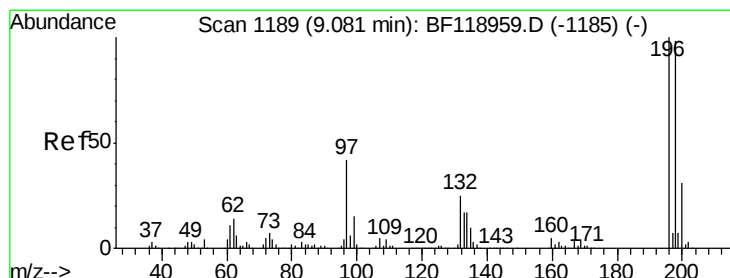
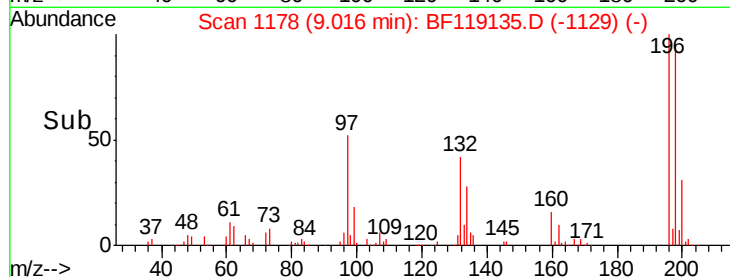
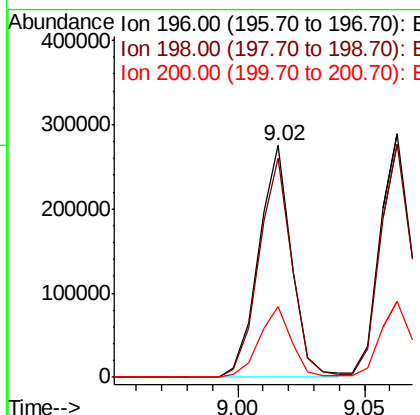
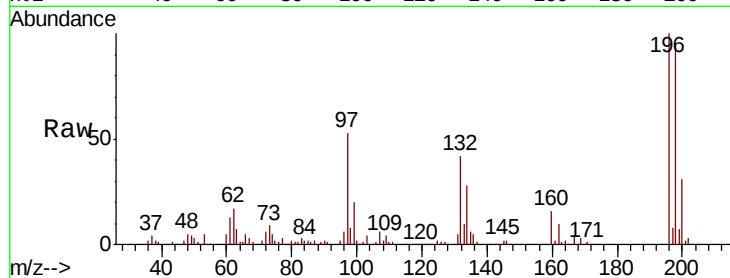




#43
 2,4,6-Trichlorophenol
 Concen: 46.239 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119135.D
 Acq: 28 Feb 2020 17:09

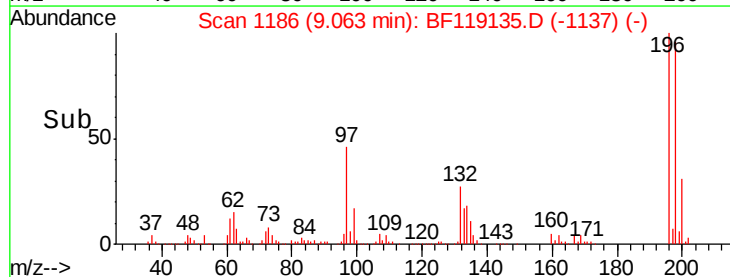
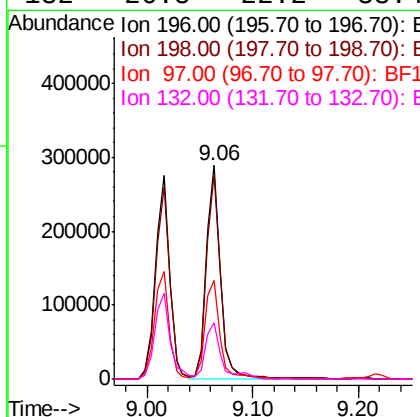
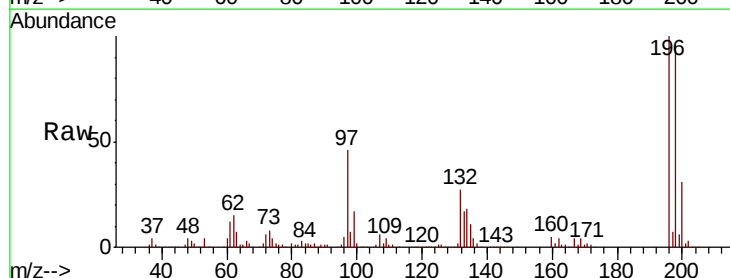
Instrument :
 BNA_F
 ClientSampled :

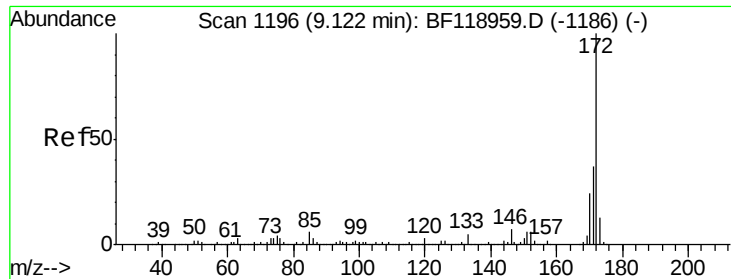
Tot Ion	196	Resp	249487
Ion Ratio	Lower	Upper	
196	100		
198	94.5	77.1	115.7
200	30.8	25.0	37.6



#44
 2,4,5-Trichlorophenol
 Concen: 47.308 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF119135.D
 Acq: 28 Feb 2020 17:09

Tgt Ion	196	Resp	267857
Ion Ratio	Lower	Upper	
196	100		
198	95.8	76.8	115.2
97	46.2	38.5	57.7
132	26.5	22.2	33.4



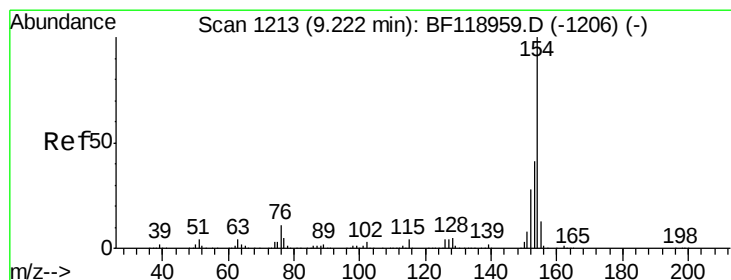
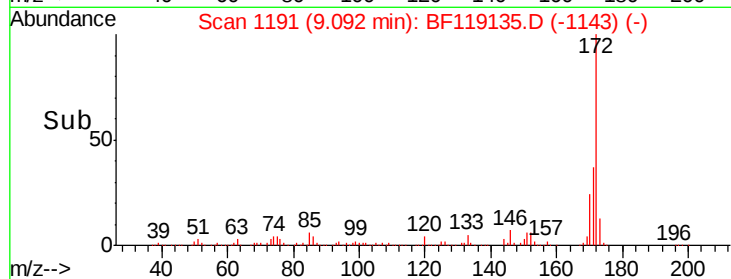
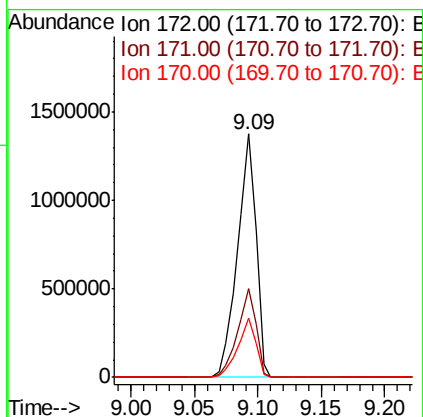
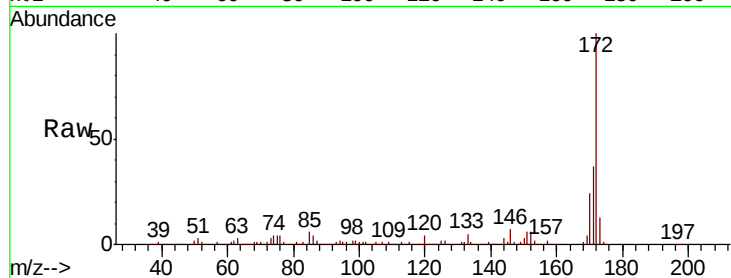


#45
 2-Fluorobiphenyl
 Concen: 80.196 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119135.D
 Acq: 28 Feb 2020 17:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1379564

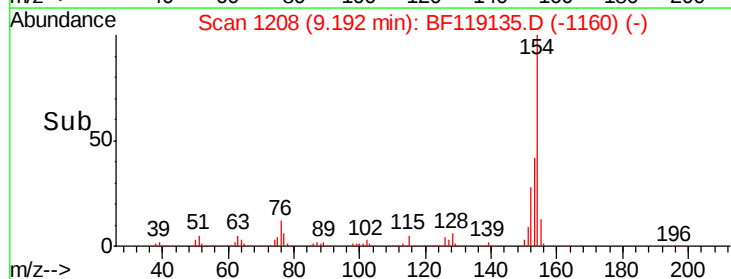
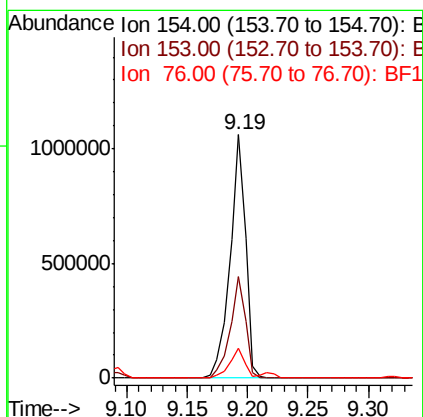
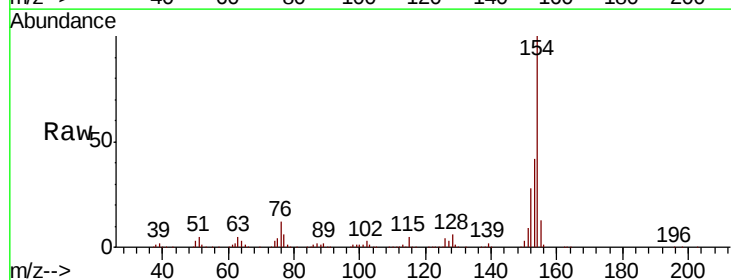
Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.6	45.8
170	24.3	20.2	30.2

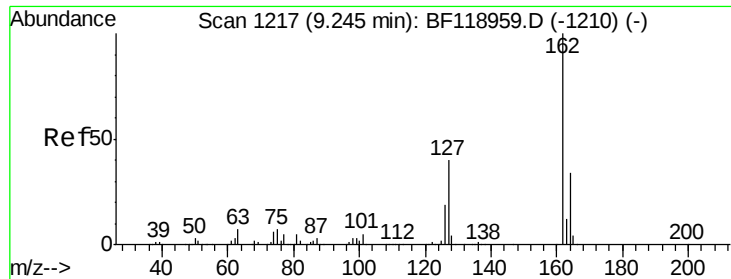


#46
 1,1'-Biphenyl
 Concen: 46.182 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BF119135.D
 Acq: 28 Feb 2020 17:09

Tgt Ion:154 Resp: 945884

Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.8	62.8
76	12.3	0.0	32.2

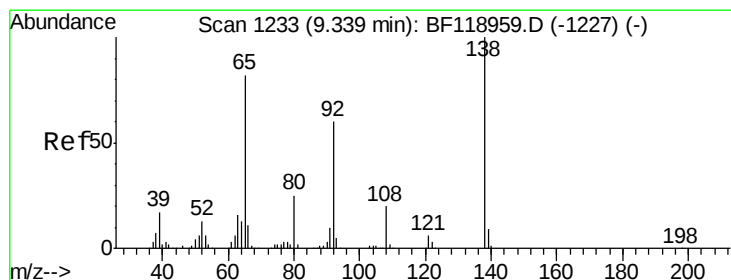
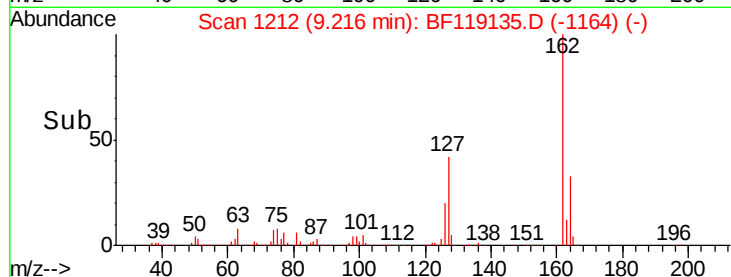
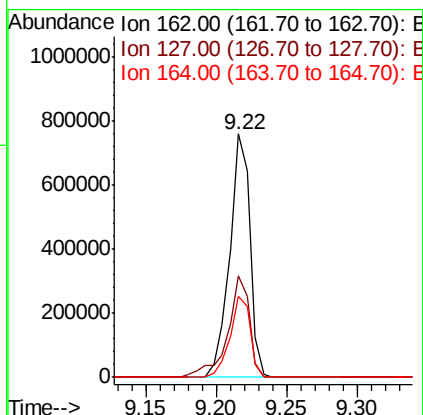
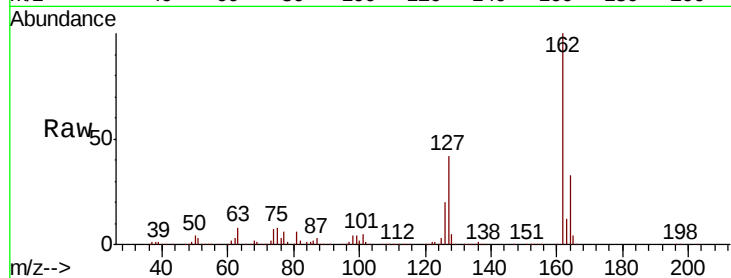




#47
 2-Chloronaphthalene
 Concen: 45.979 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF119135.D
 Acq: 28 Feb 2020 17:09

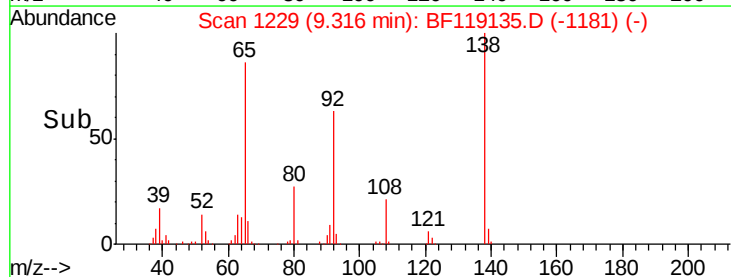
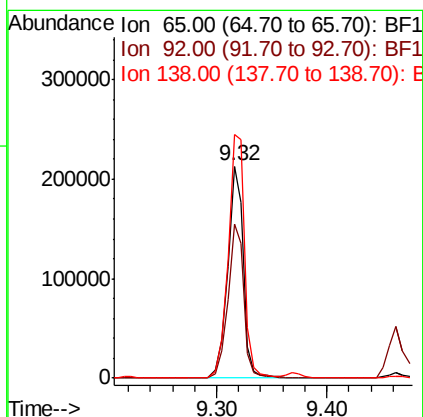
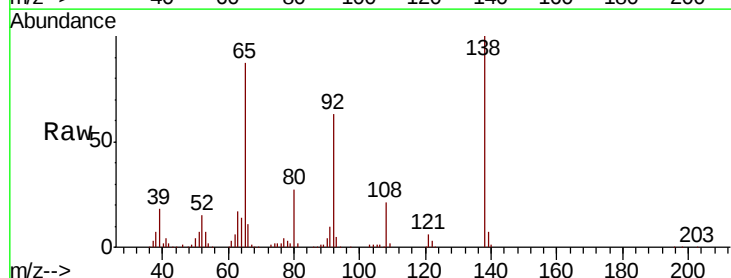
Instrument :
 BNA_F
 ClientSampleId :

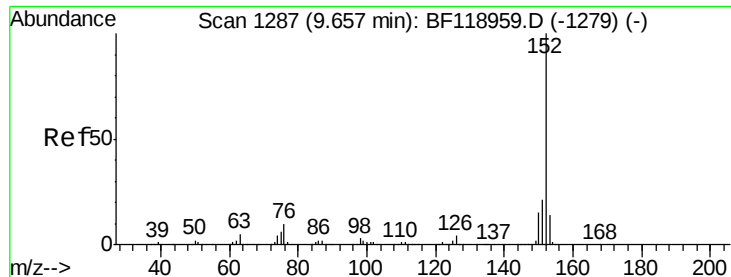
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	35.0	52.4
164	33.3	27.2	40.8



#48
 2-Nitroaniline
 Concen: 46.204 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF119135.D
 Acq: 28 Feb 2020 17:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.7	58.2	87.2
138	114.7	95.6	143.4





#49

Acenaphthylene

Concen: 49.167 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA_F

ClientSampleId :

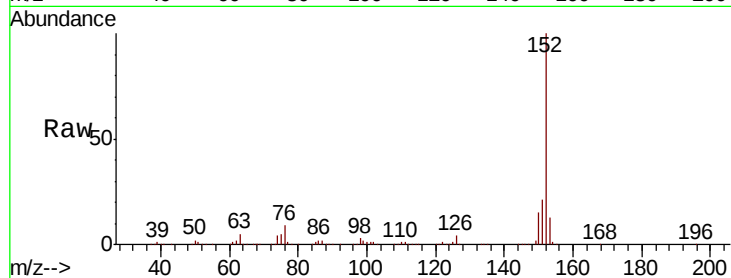
Tot Ion:152 Resp: 1172060

Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

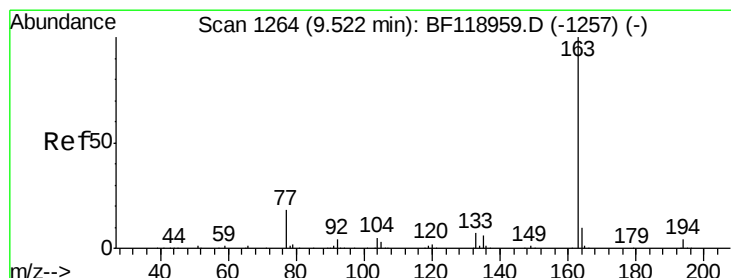
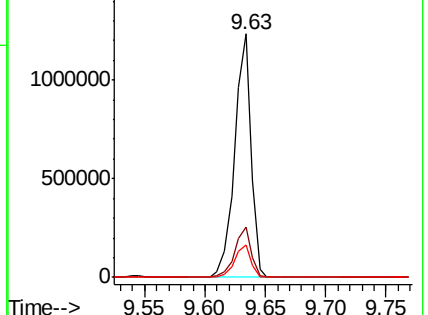
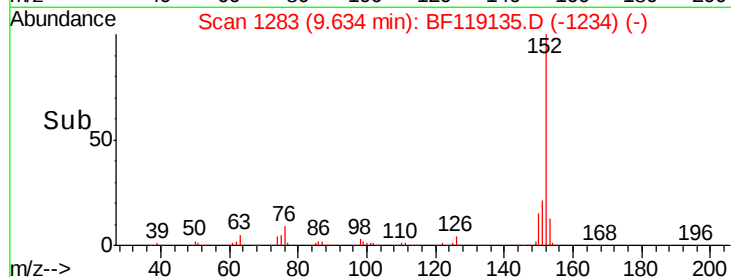
153 13.3 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 58.000 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

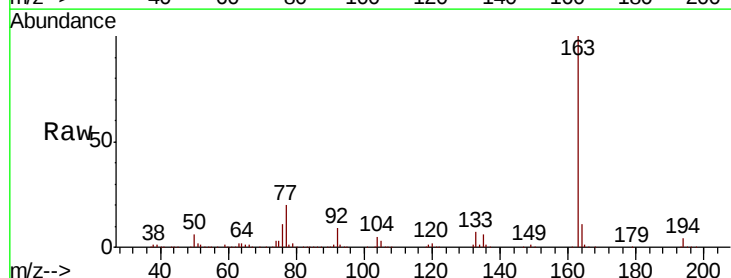
Tgt Ion:163 Resp: 1123961

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

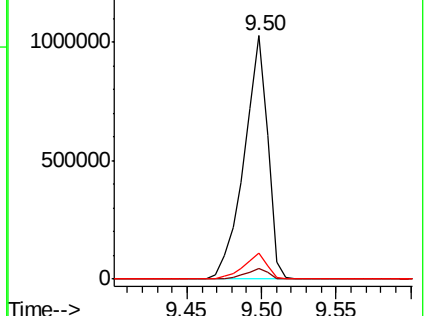
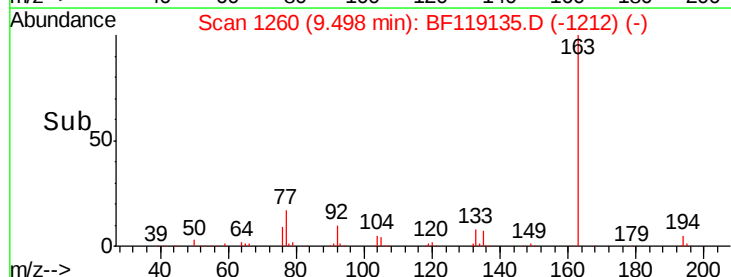
164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.448 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA_F

ClientSampled :

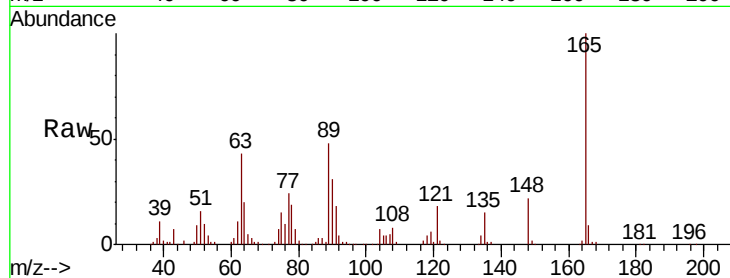
Tot Ion:165 Resp: 208587

Ion Ratio Lower Upper

165 100

63 43.4 34.3 51.5

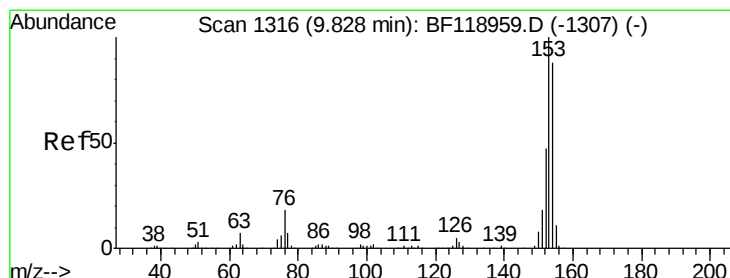
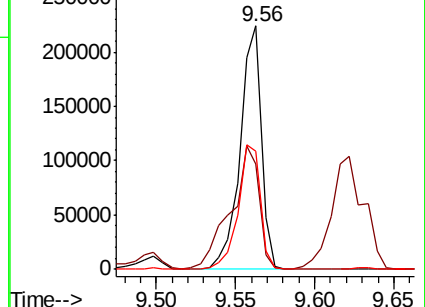
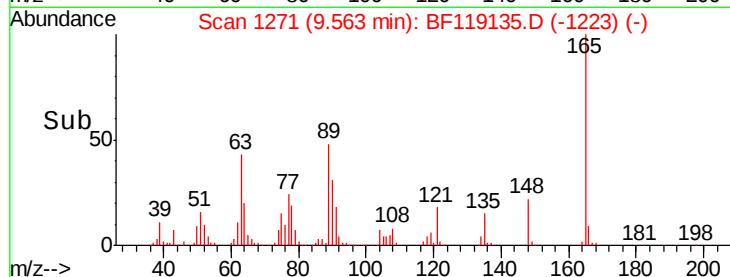
89 48.5 38.3 57.5



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: 47.339 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

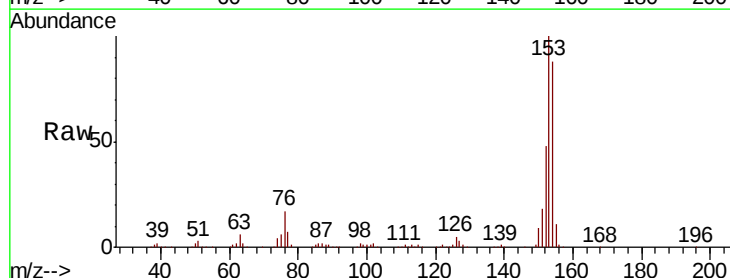
Tgt Ion:154 Resp: 680446

Ion Ratio Lower Upper

154 100

153 113.2 90.3 135.5

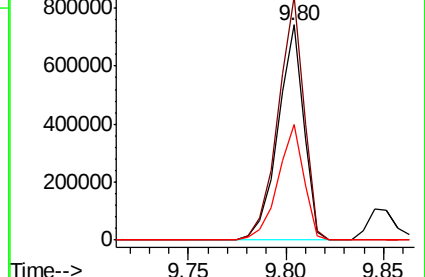
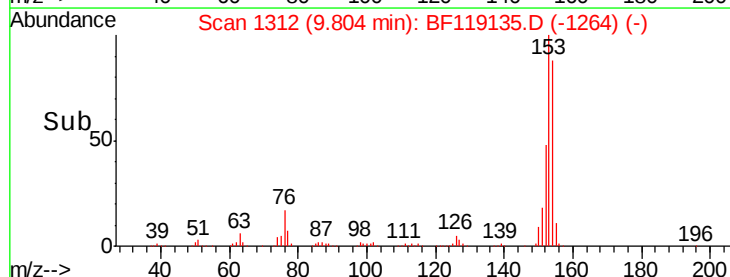
152 53.8 43.8 65.8

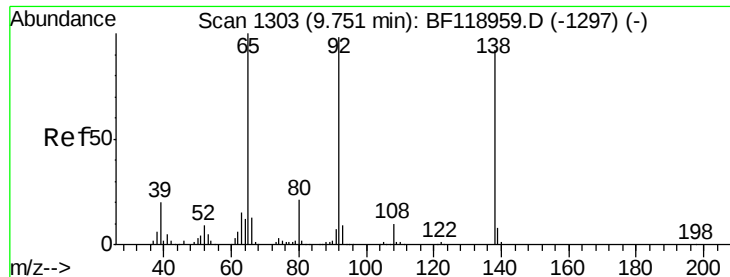


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

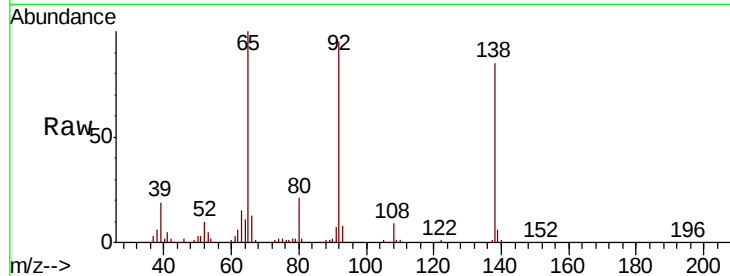




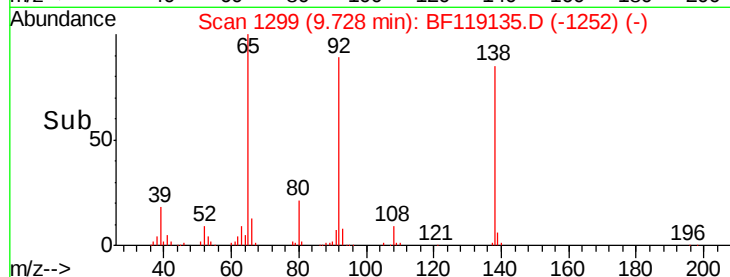
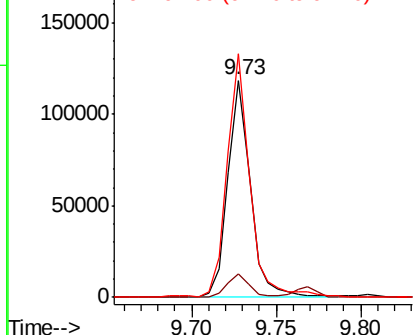
#53
3-Nitroaniline
Concen: 23.246 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 110954
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 112.1 84.8 127.2

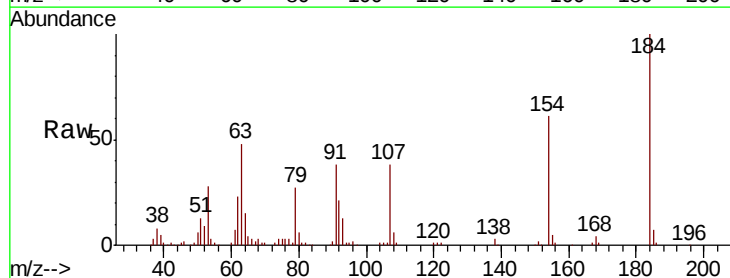


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

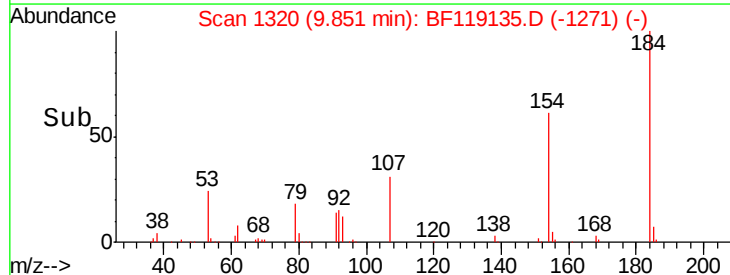
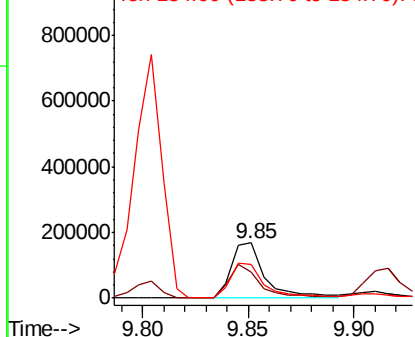


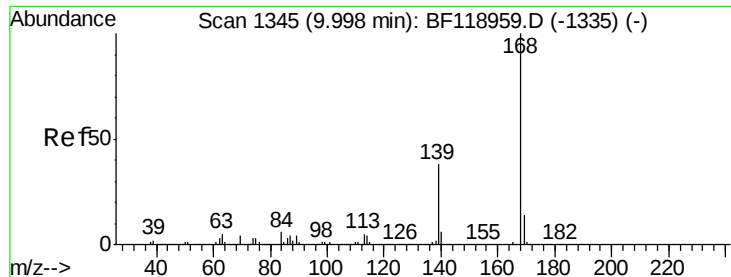
#54
2,4-Dinitrophenol
Concen: 89.506 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

Tgt Ion:184 Resp: 189342
Ion Ratio Lower Upper
184 100
63 48.0 38.7 58.1
154 60.7 49.7 74.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

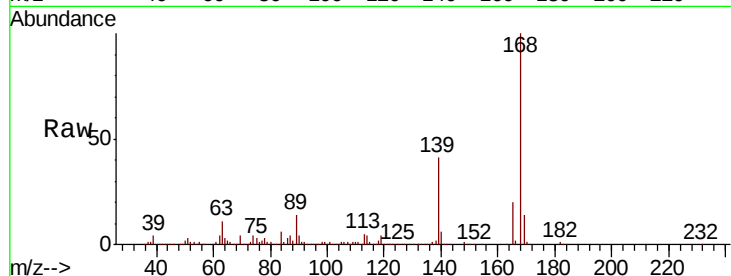




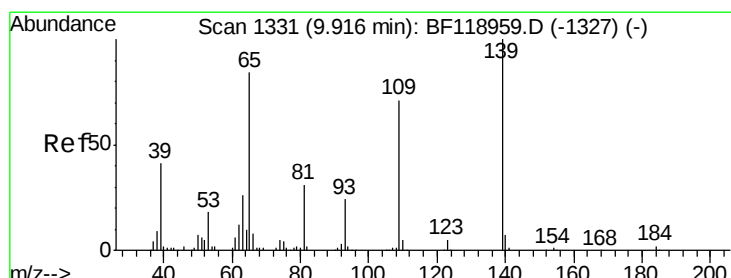
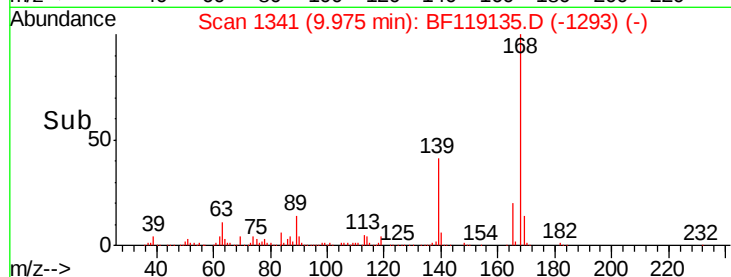
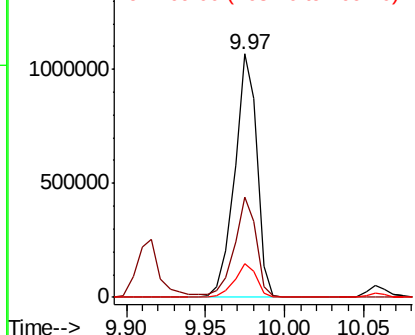
#55
Dibenzofuran
Concen: 48.256 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1035307
Ion Ratio Lower Upper
168 100
139 41.3 34.0 51.0
169 14.0 11.0 16.4

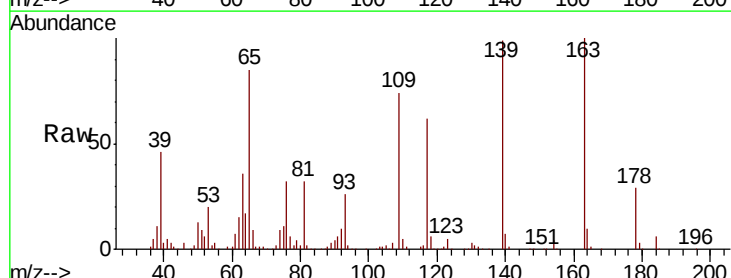


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

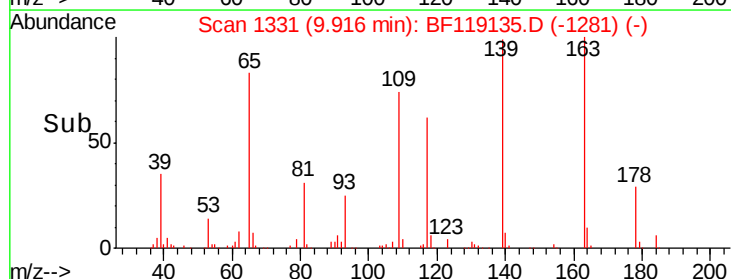
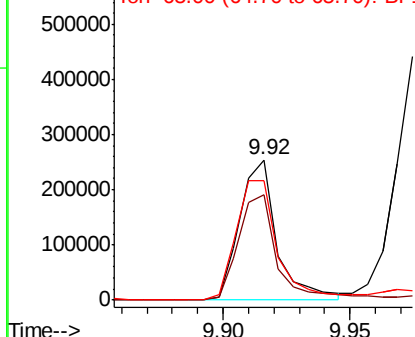


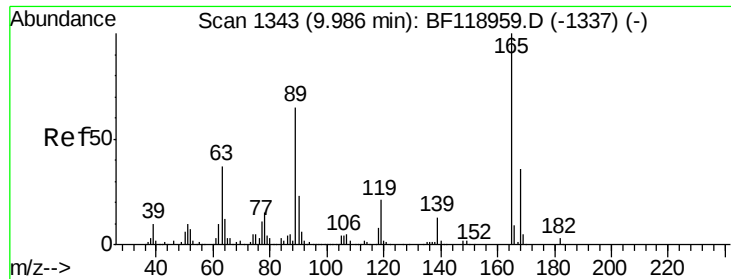
#56
4-Nitrophenol
Concen: 90.748 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

Tgt Ion:139 Resp: 260240
Ion Ratio Lower Upper
139 100
109 74.9 56.7 96.7
65 85.5 65.0 105.0



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

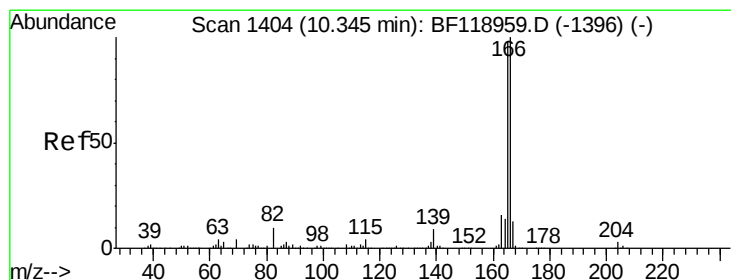
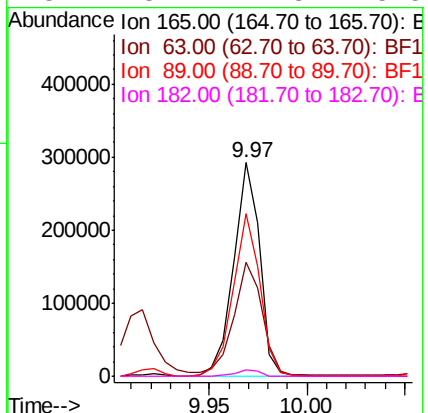
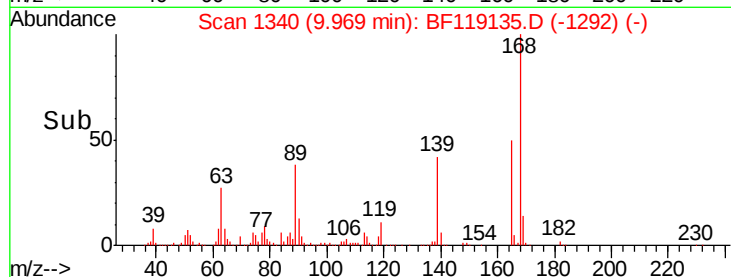
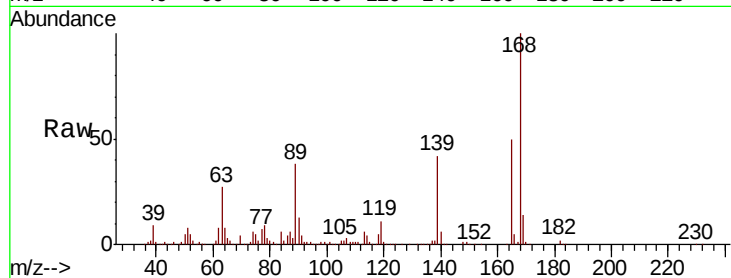




#57
2,4-Dinitrotoluene
Concen: 48.602 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

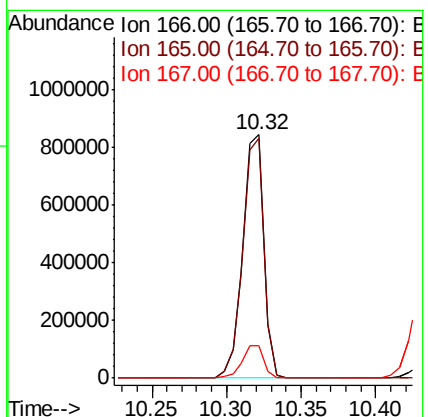
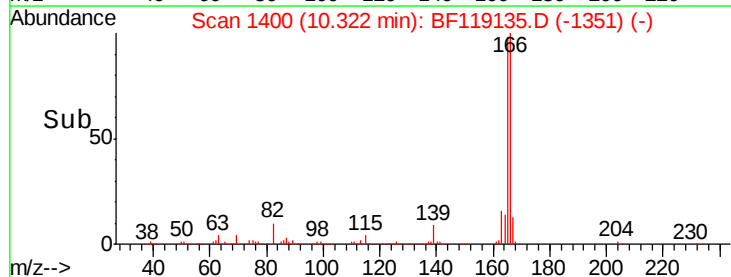
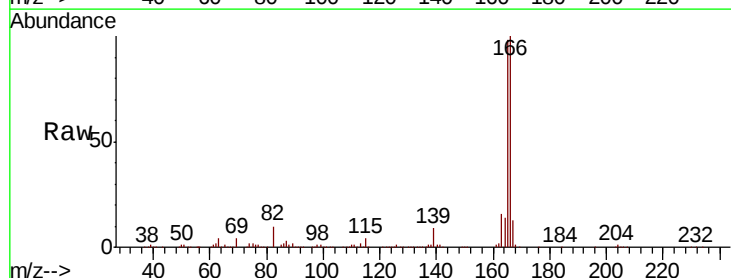
Instrument :
BNA_F
ClientSampleId :

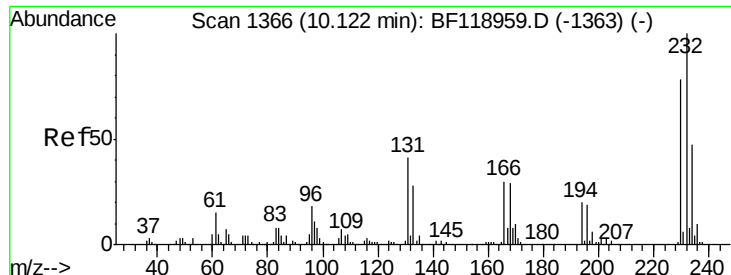
Tot Ion:165	Resp:	271225
Ion Ratio	Lower	Upper
165	100	
63	53.3	42.3 63.5
89	76.2	60.2 90.4
182	3.1	2.3 3.5



#58
Fluorene
Concen: 49.837 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

Tgt Ion:166	Resp:	830847
Ion Ratio	Lower	Upper
166	100	
165	98.4	78.5 117.7
167	13.1	11.0 16.4

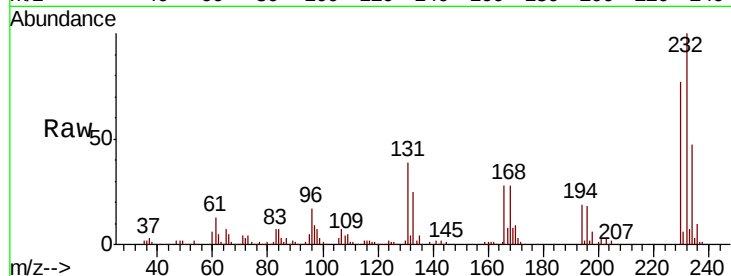




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.385 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.8	33.8	50.8
130	2.4	1.8	2.6
166	29.2	23.0	34.4



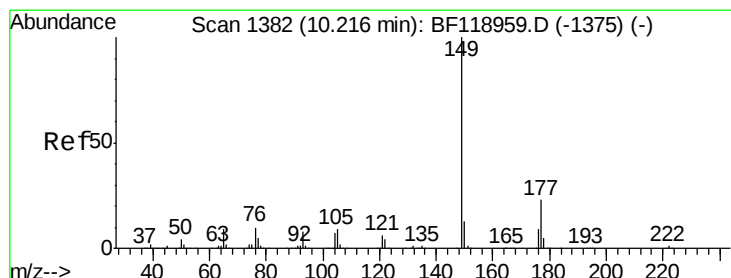
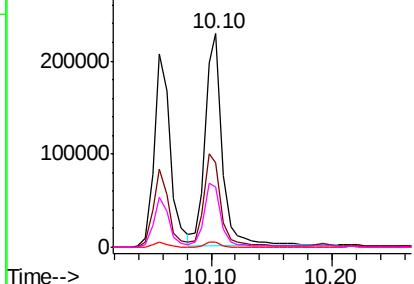
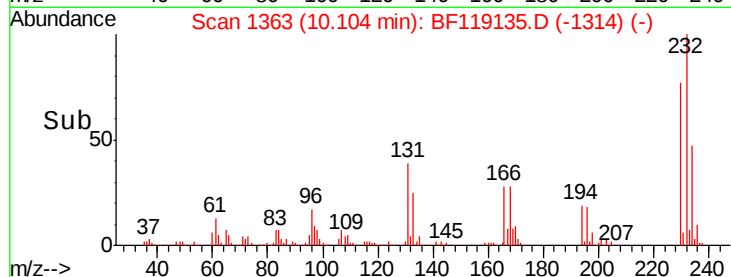
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

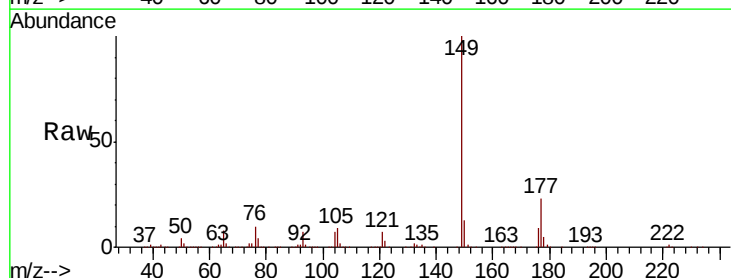
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 49.677 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.2	27.2
150	12.7	10.5	15.7

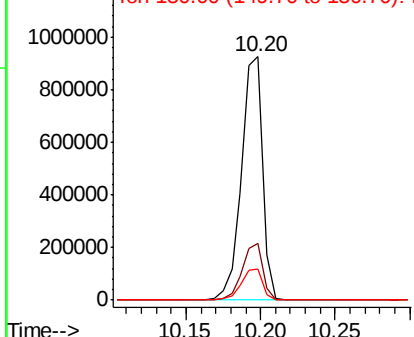
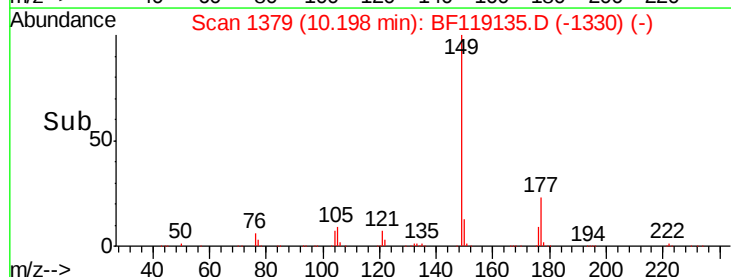


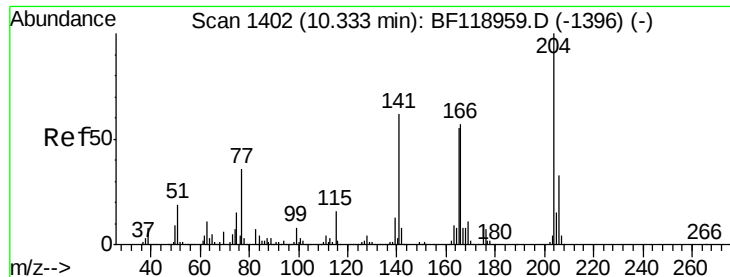
Abundance

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

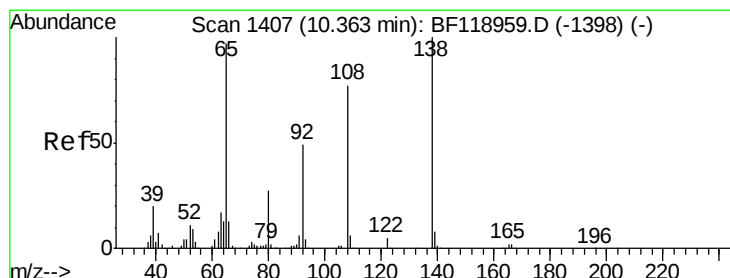
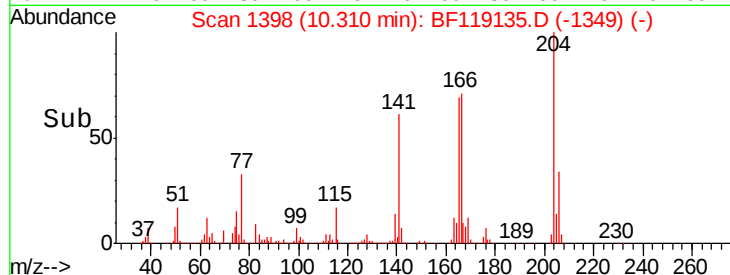
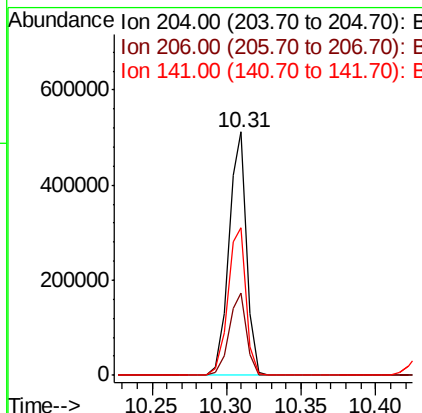
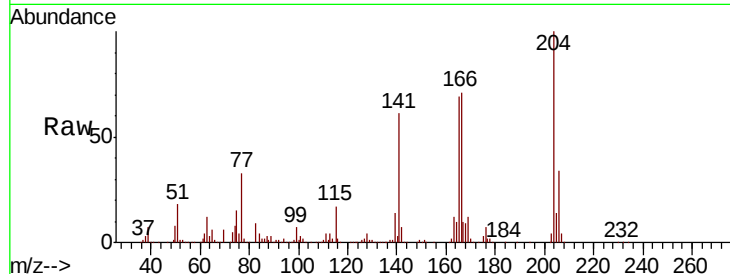




#61
4-Chlorophenyl-phenylether
Concen: 48.909 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

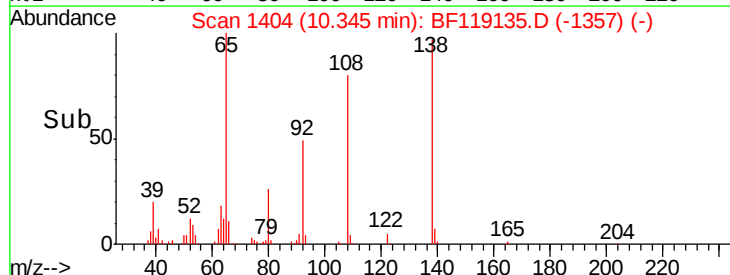
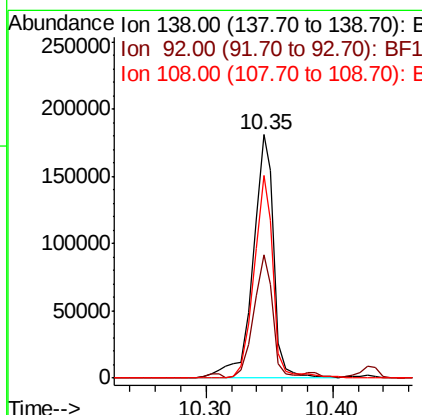
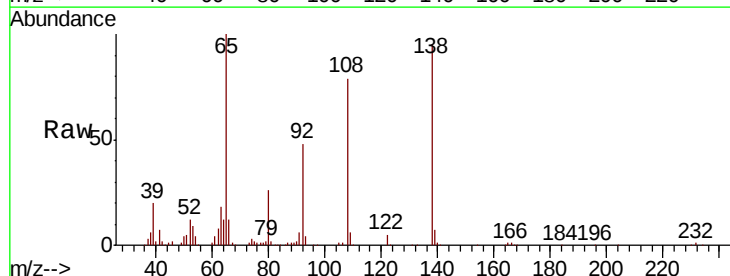
Instrument :
BNA_F
ClientSampleId :

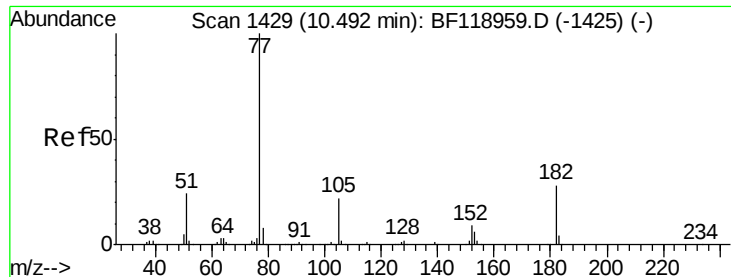
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	27.1	40.7
141	60.8	52.9	79.3



#62
4-Nitroaniline
Concen: 42.826 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	27.3	67.3
108	83.3	57.0	97.0





#63

Azobenzene

Concen: 50.754 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 805648

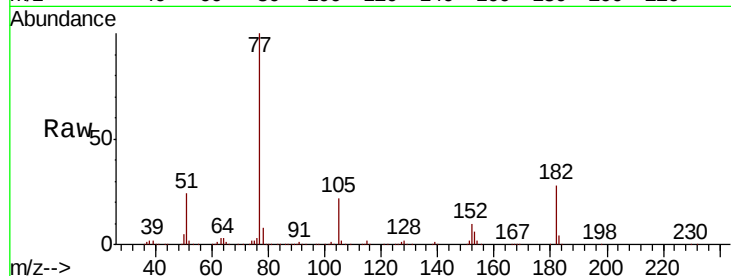
Ion Ratio Lower Upper

77 100

182 28.3 11.4 51.4

105 22.5 3.4 43.4

51 24.3 5.1 45.1

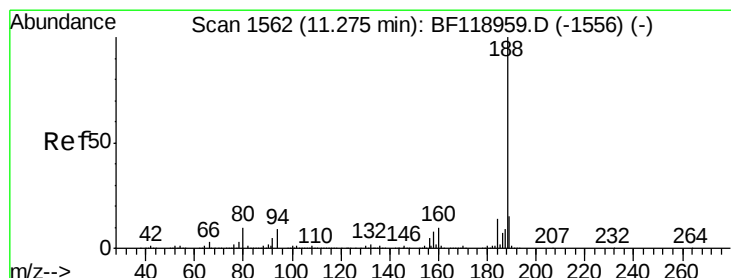
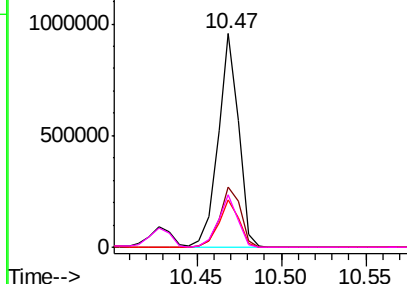
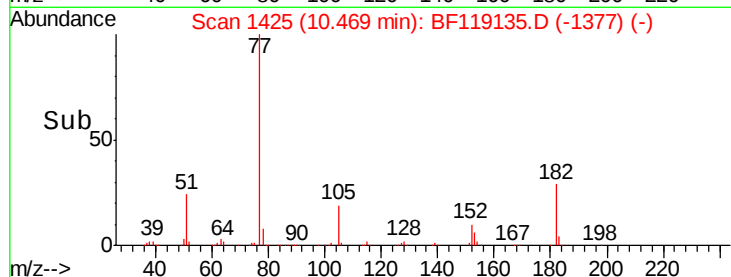


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

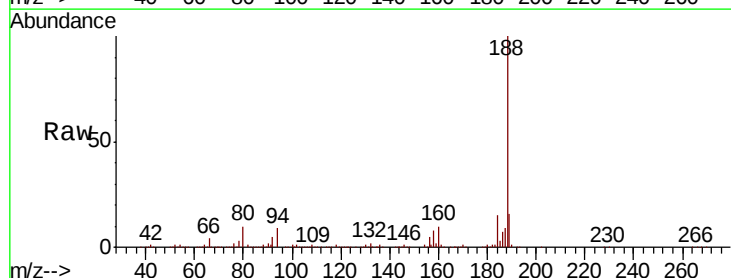
Tgt Ion: 188 Resp: 481395

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

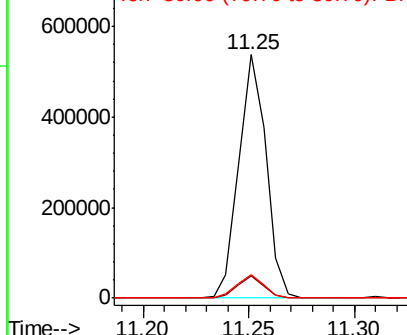
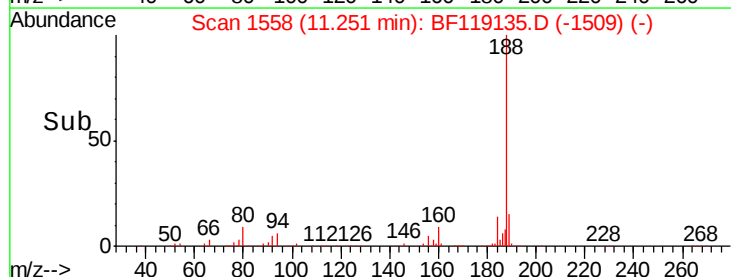
80 9.5 7.8 11.8

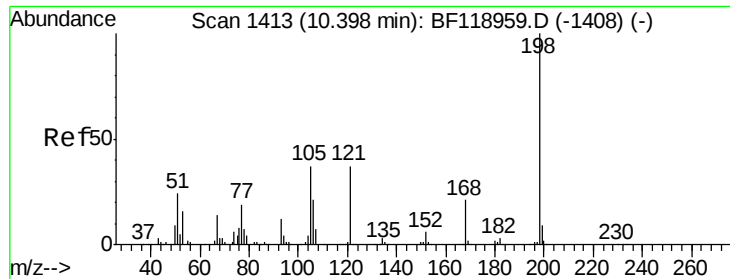


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

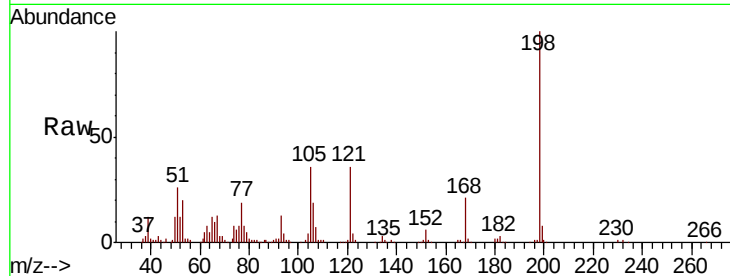




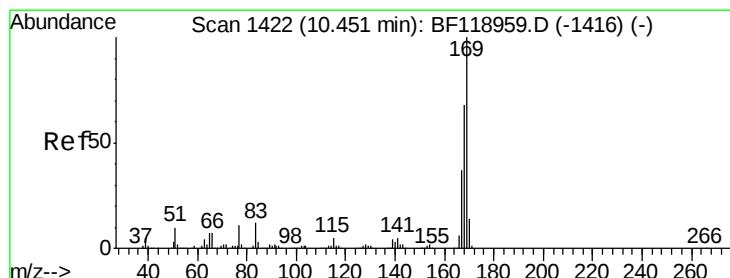
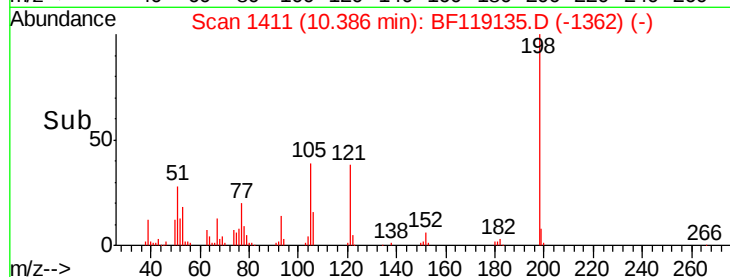
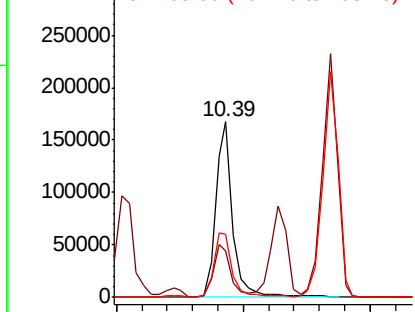
#65
4,6-Dinitro-2-methylphenol
Concen: 54.113 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 157631
Ion Ratio Lower Upper
198 100
51 26.3 14.2 54.2
105 36.2 22.7 62.7

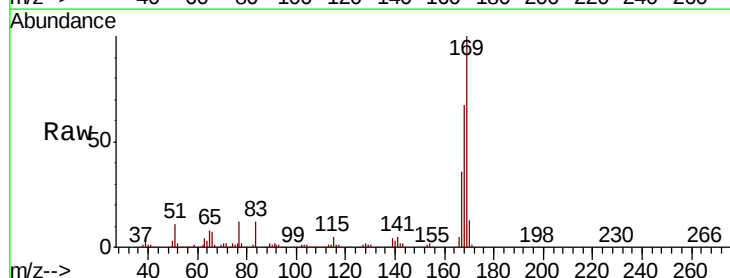


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

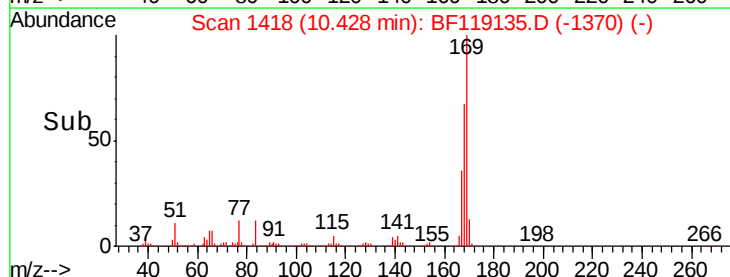
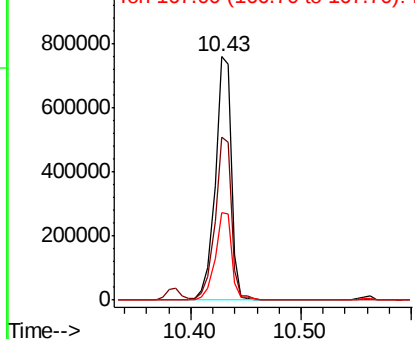


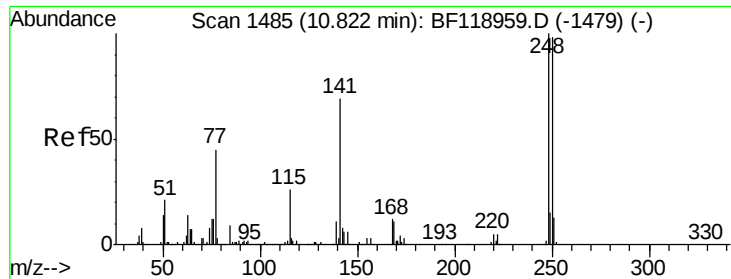
#66
n-Nitrosodiphenylamine
Concen: 48.250 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

Tgt Ion:169 Resp: 760544
Ion Ratio Lower Upper
169 100
168 67.1 54.1 81.1
167 36.2 29.4 44.0



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

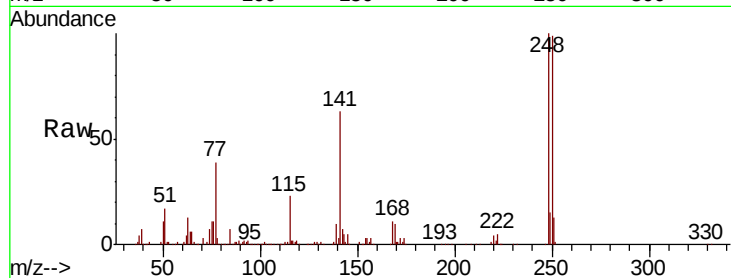




#67
4-Bromophenyl-phenylether
Concen: 46.450 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	76.7	115.1
141	62.5	60.7	91.1

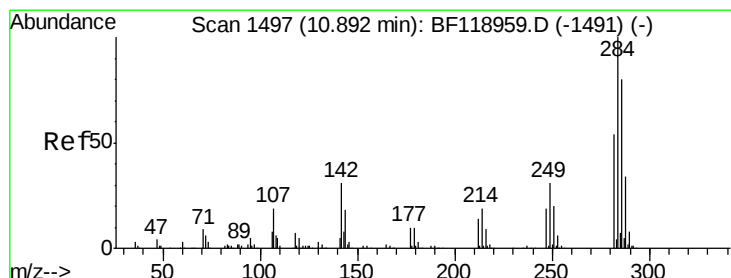
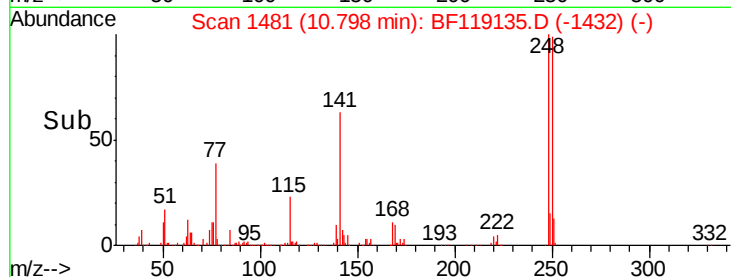
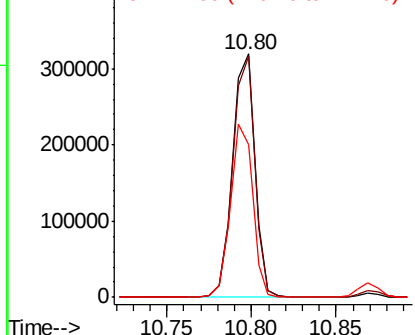


Abundance

Ion 248.00 (247.70 to 248.70): E

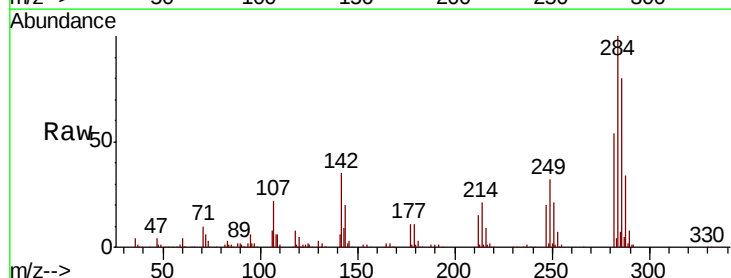
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.995 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.02 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.6	23.7	35.5
249	32.4	25.0	37.6

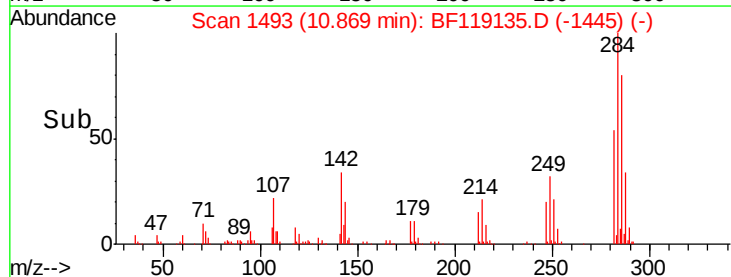
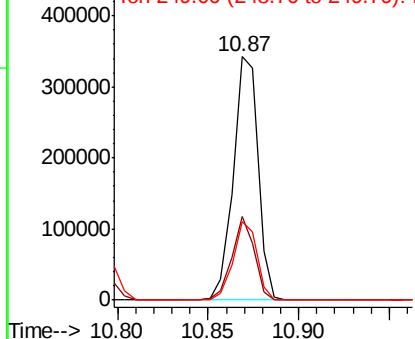


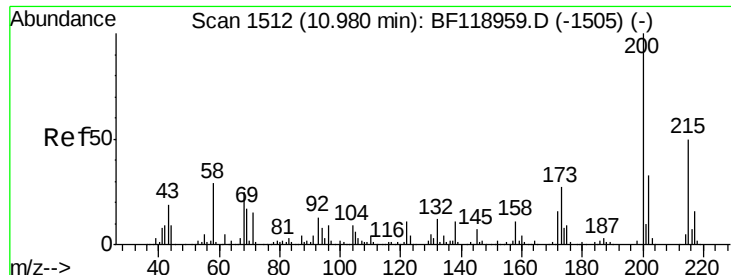
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

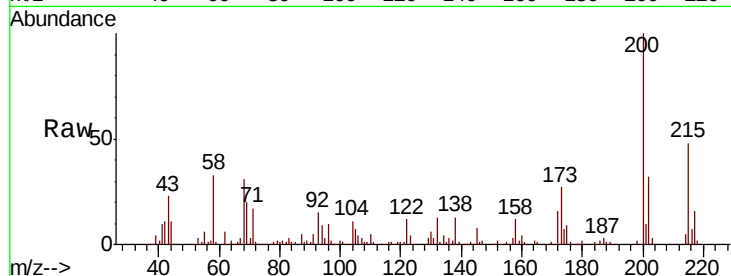




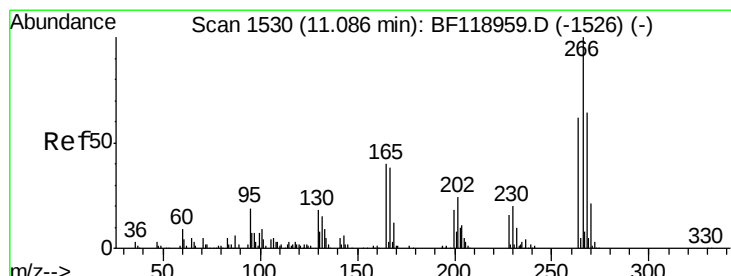
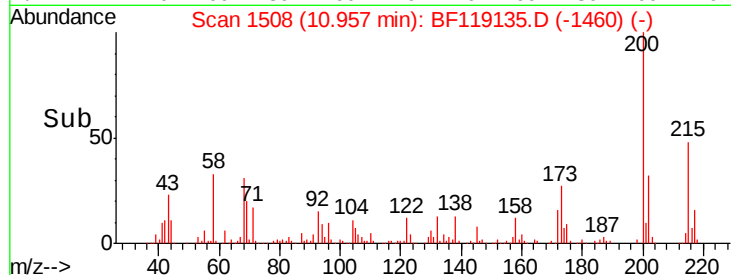
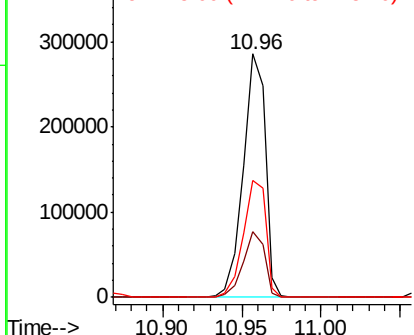
#69
Atrazine
Concen: 49.796 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.4	46.4
215	47.8	27.4	67.4

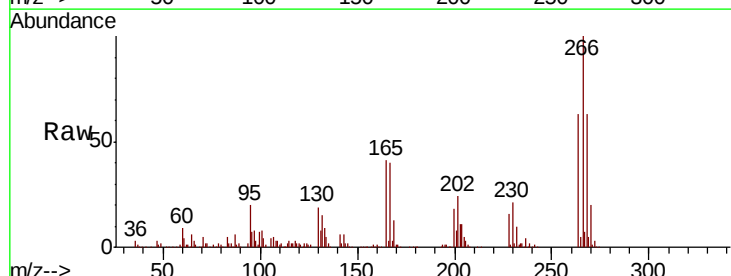


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

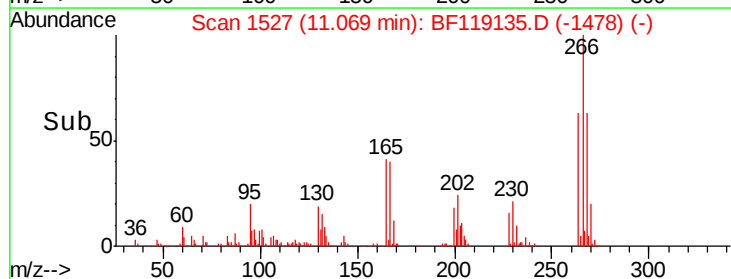
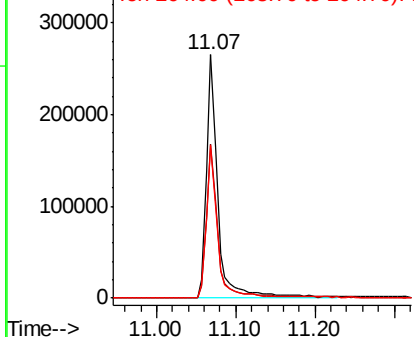


#70
Pentachlorophenol
Concen: 93.446 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.9	77.9
264	62.6	51.0	76.4



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



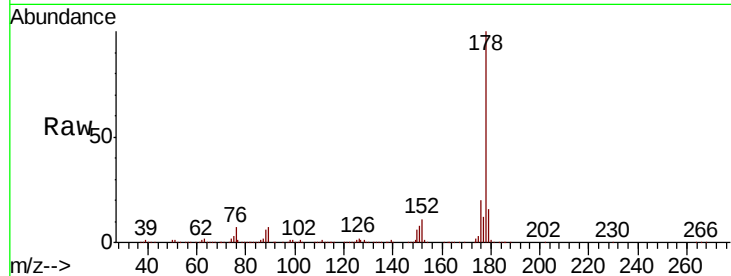


#71
 Phenanthrene
 Concen: 48.488 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF119135.D
 Acq: 28 Feb 2020 17:09

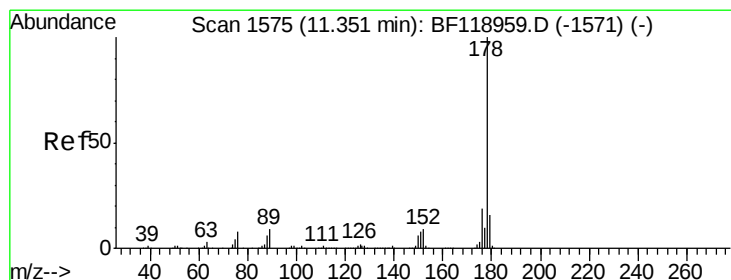
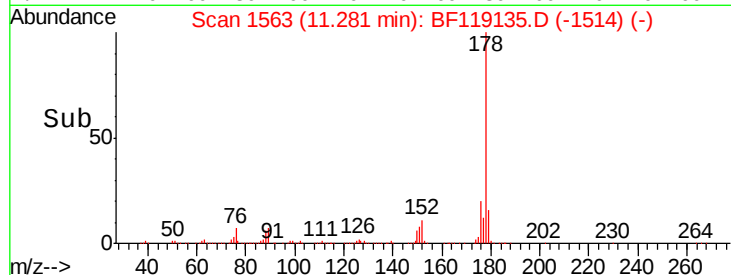
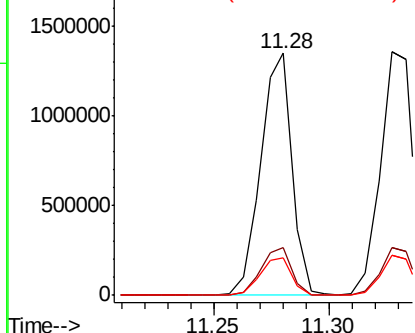
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1272954

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.5	24.7
179	15.7	13.0	19.6



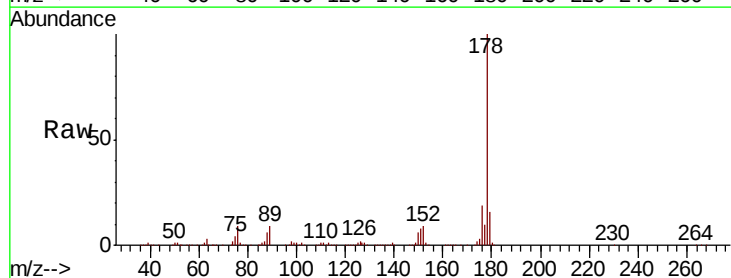
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



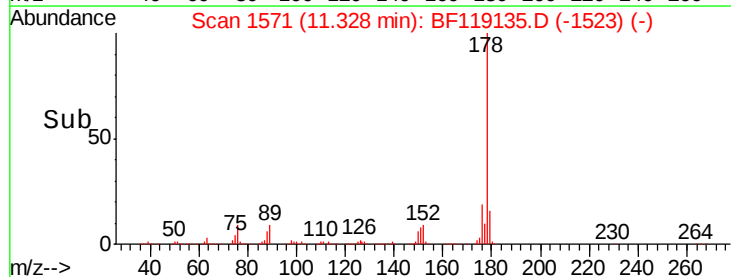
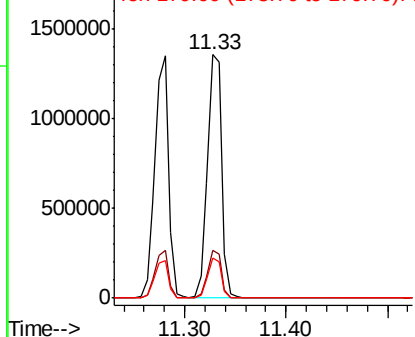
#72
 Anthracene
 Concen: 50.369 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.02 min
 Lab File: BF119135.D
 Acq: 28 Feb 2020 17:09

Tgt Ion:178 Resp: 1321235

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	16.2	13.1	19.7



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

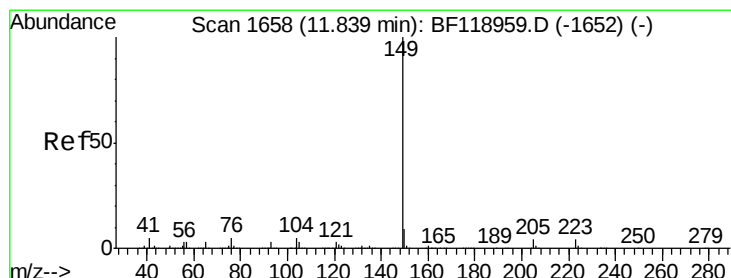
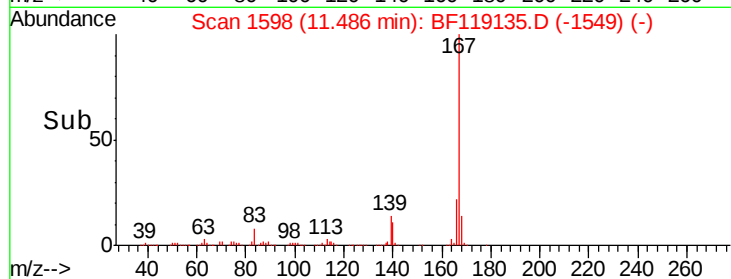
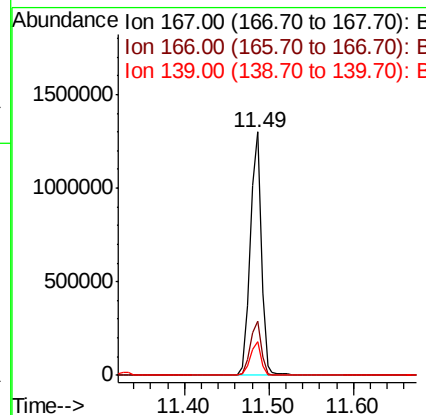
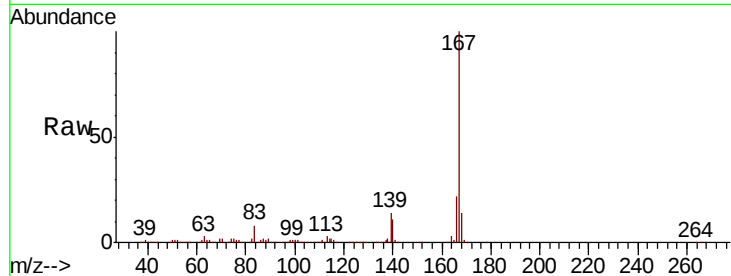




#73
 Carbazole
 Concen: 49.717 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF119135.D
 Acq: 28 Feb 2020 17:09

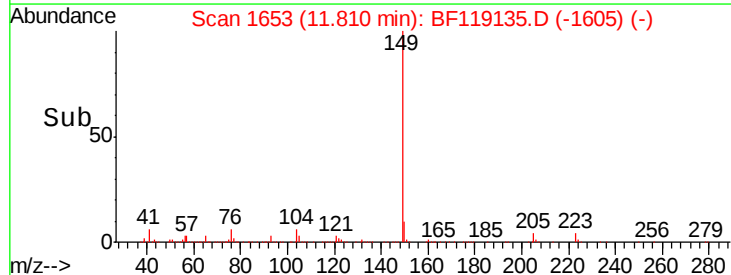
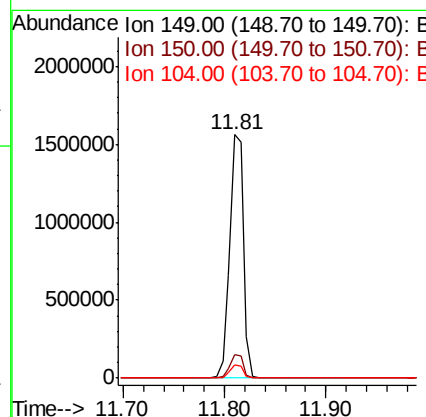
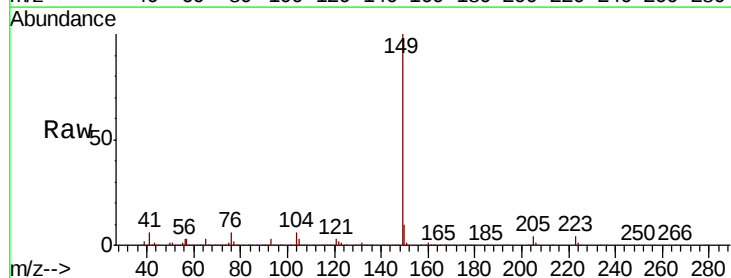
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1161813
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.4
 139 13.7 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 51.643 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.02 min
 Lab File: BF119135.D
 Acq: 28 Feb 2020 17:09

Tgt Ion:149 Resp: 1461465
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.9 11.9
 104 5.5 4.6 6.8

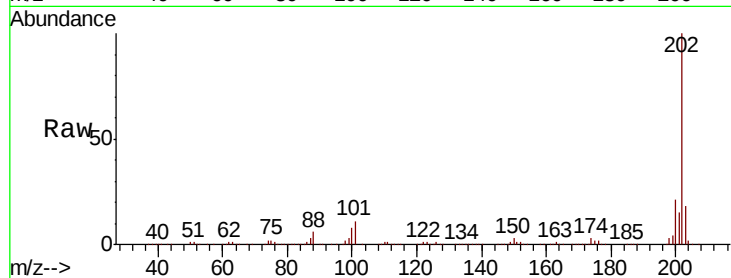




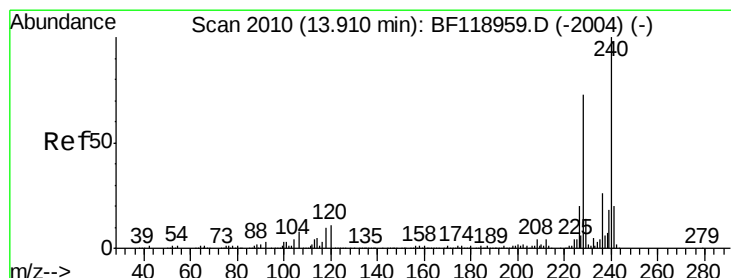
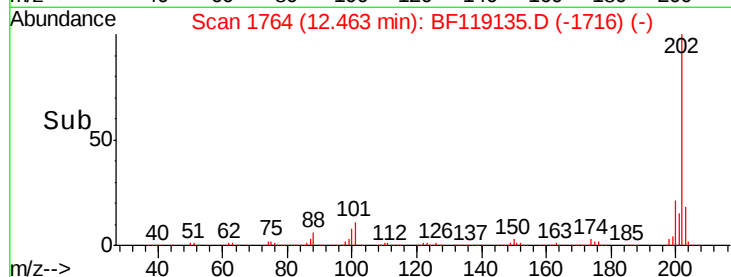
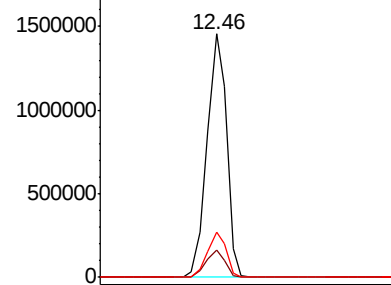
#75
 Fluoranthene
 Concen: 50.505 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BF119135.D
 Acq: 28 Feb 2020 17:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1407406
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 30.3
 203 18.4 0.0 38.4

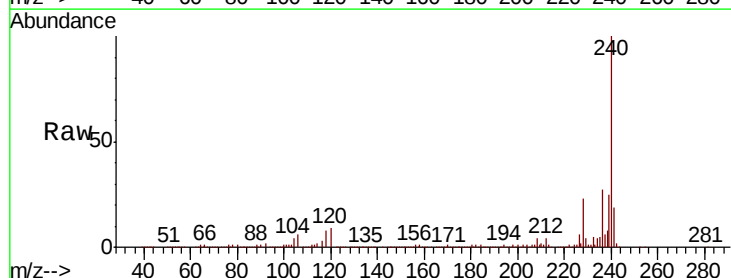


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

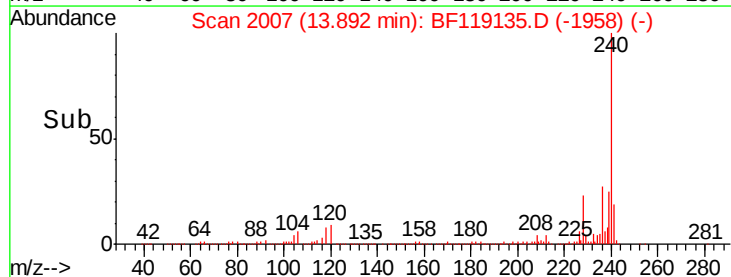
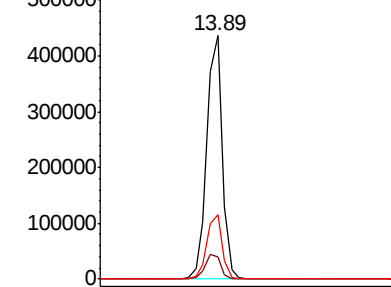


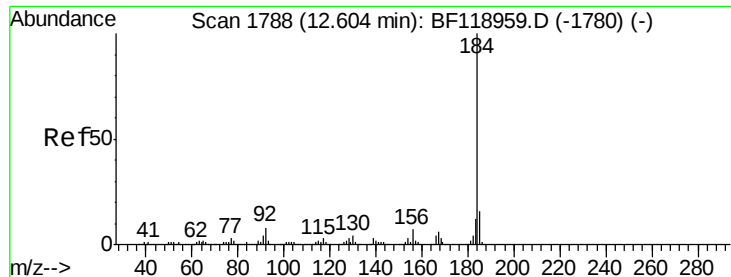
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF119135.D
 Acq: 28 Feb 2020 17:09

Tgt Ion:240 Resp: 384292
 Ion Ratio Lower Upper
 240 100
 120 8.9 8.4 12.6
 236 26.5 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E
 600000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.755 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA_F

ClientSampleId :

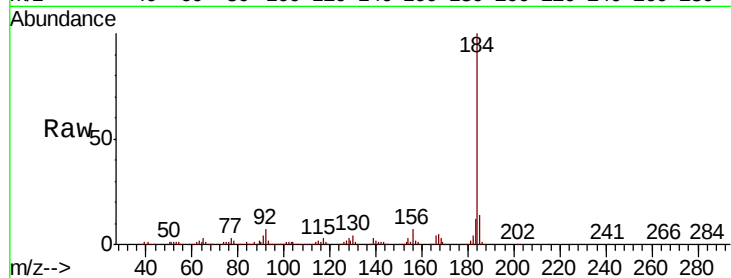
Tot Ion:184 Resp: 574436

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.4

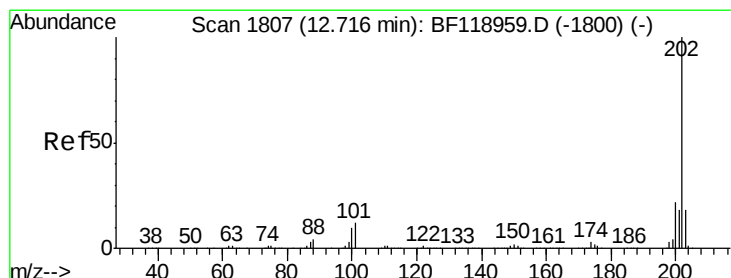
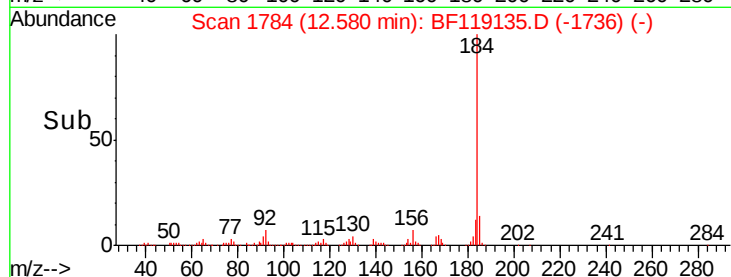
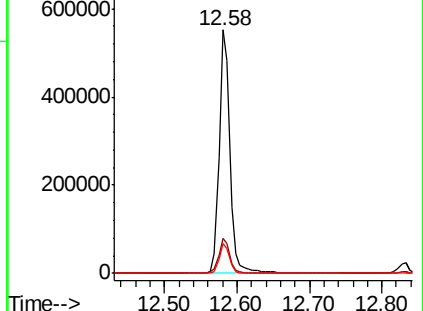
183 12.3 9.9 14.9



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: 45.388 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

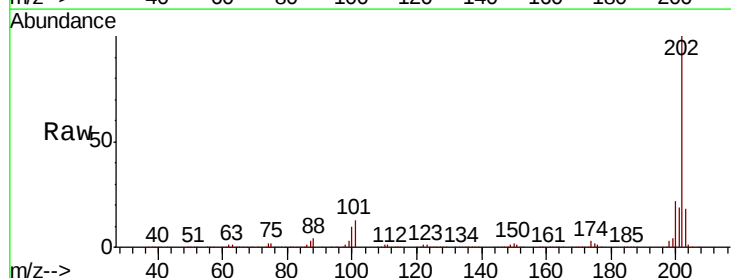
Tgt Ion:202 Resp: 1400592

Ion Ratio Lower Upper

202 100

200 22.1 18.0 27.0

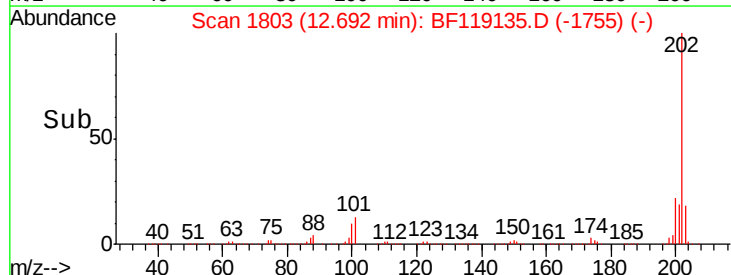
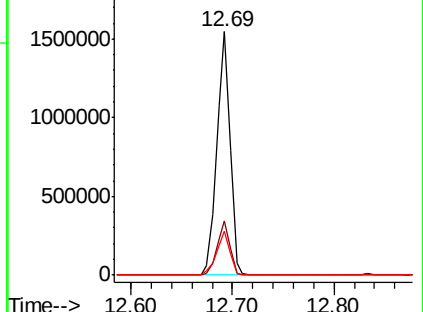
203 18.2 14.6 22.0

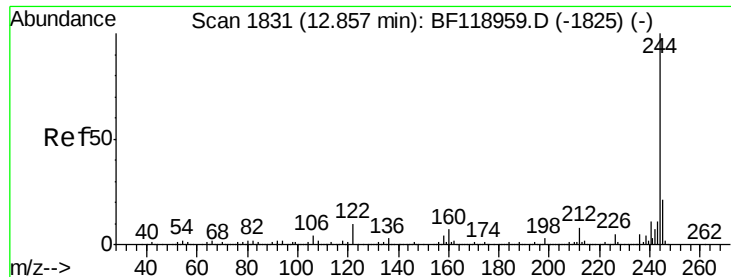


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.399 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA_F

ClientSampled :

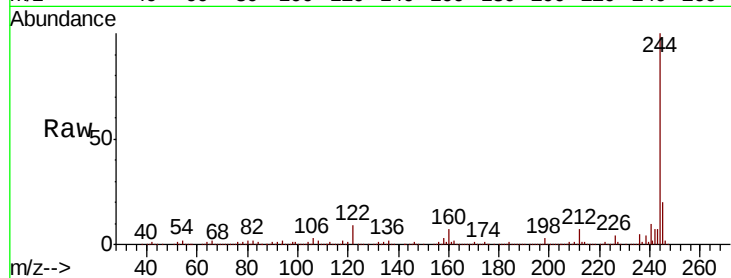
Tot Ion:244 Resp: 1705290

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.6	10.0
122	9.2	8.2	12.2

244 100

212 7.3 6.6 10.0

122 9.2 8.2 12.2

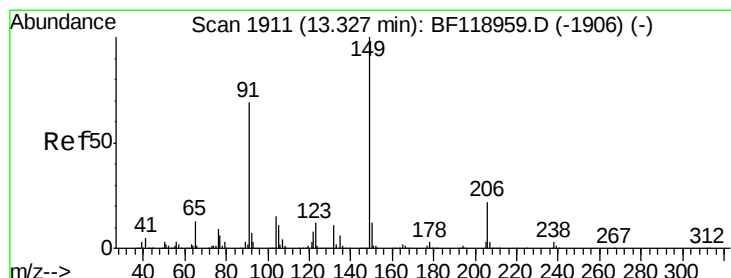
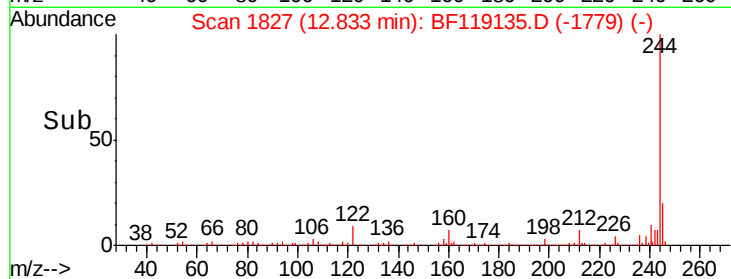
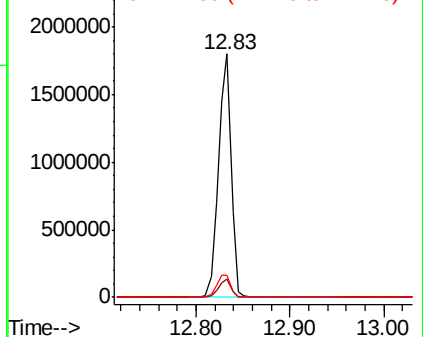


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.600 ng

RT: 13.30 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

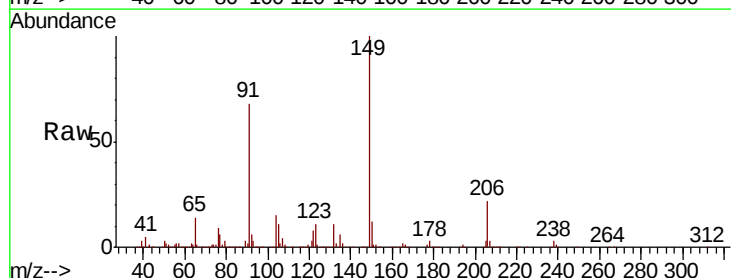
Tgt Ion:149 Resp: 644173

Ion	Ratio	Lower	Upper
149	100		
91	68.0	52.3	78.5
206	21.7	18.5	27.7

149 100

91 68.0 52.3 78.5

206 21.7 18.5 27.7

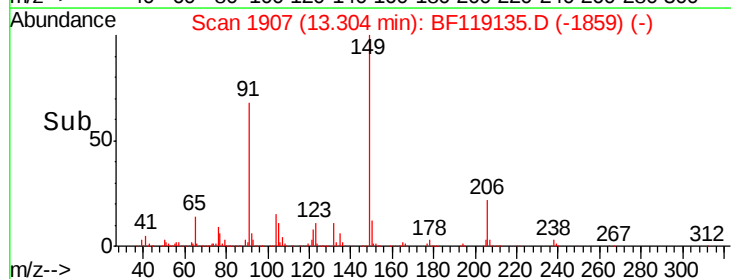
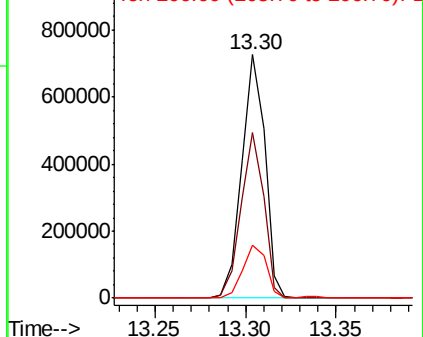


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.179 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA_F

ClientSampleId :

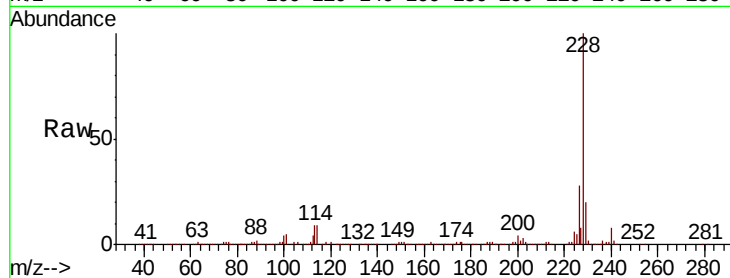
Tot Ion:228 Resp: 1287728

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

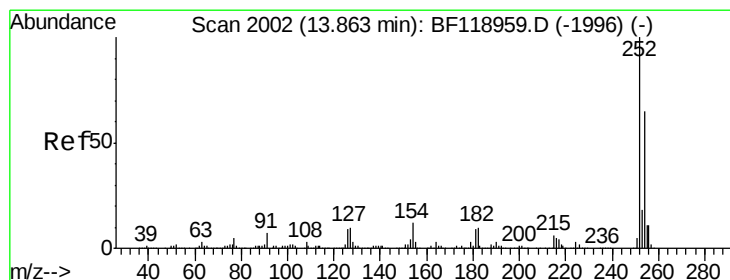
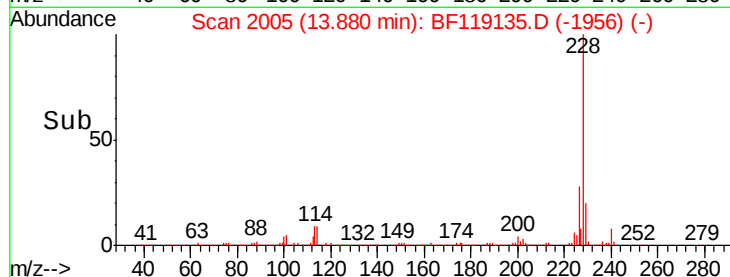
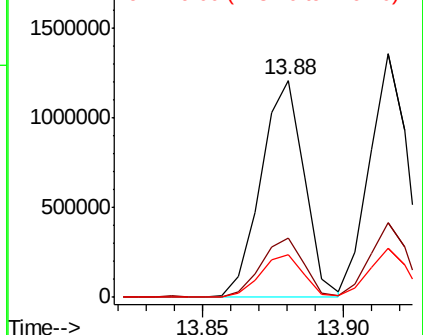
229 19.7 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.593 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

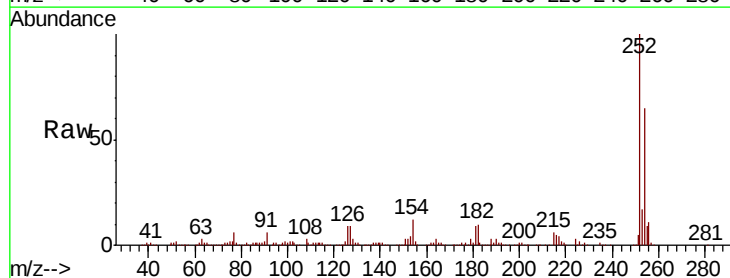
Tgt Ion:252 Resp: 321222

Ion Ratio Lower Upper

252 100

254 64.6 51.6 77.4

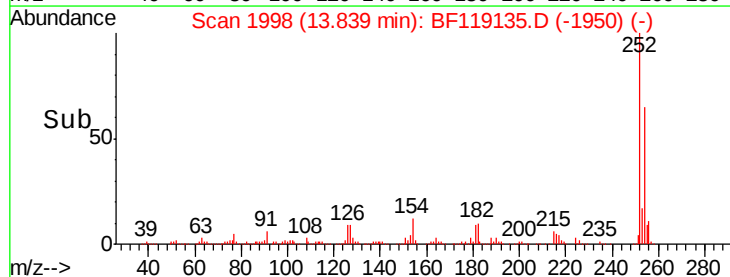
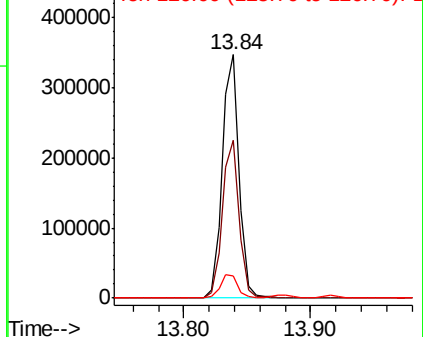
126 9.2 7.4 11.0

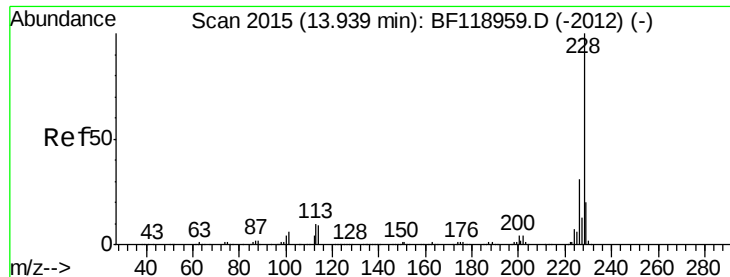


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

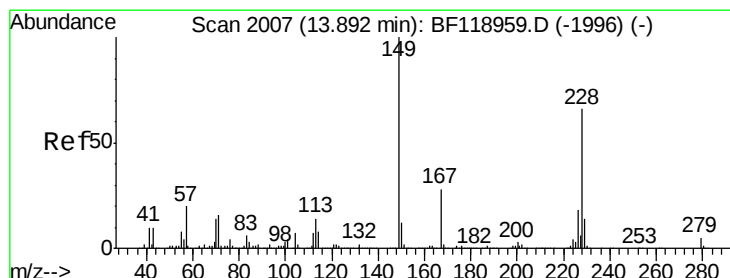
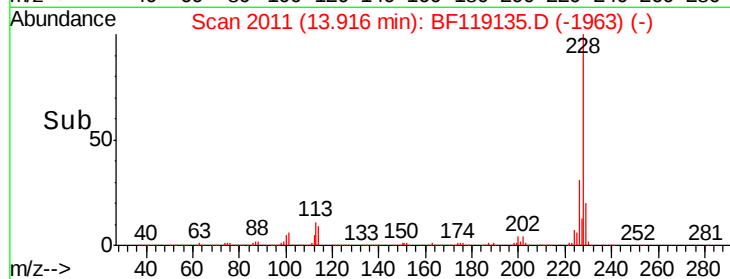
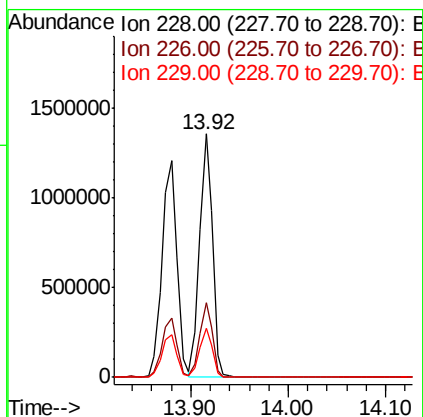
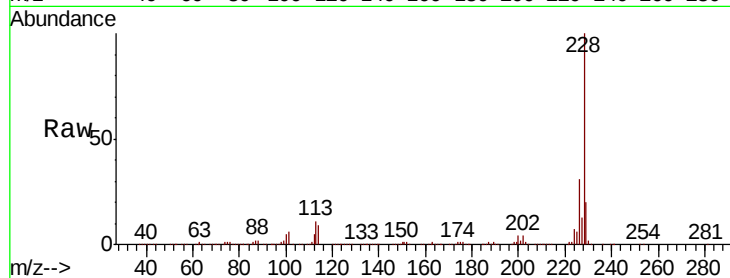




#83
 Chrvsene
 Concen: 47.757 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF119135.D
 Acq: 28 Feb 2020 17:09

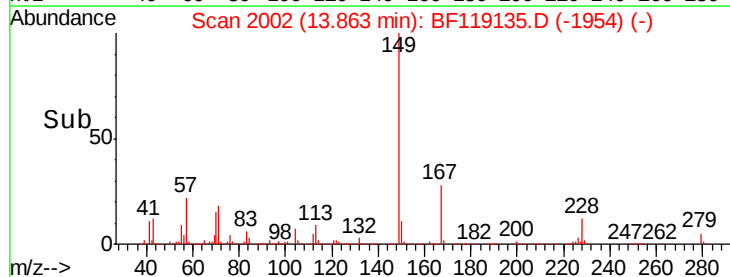
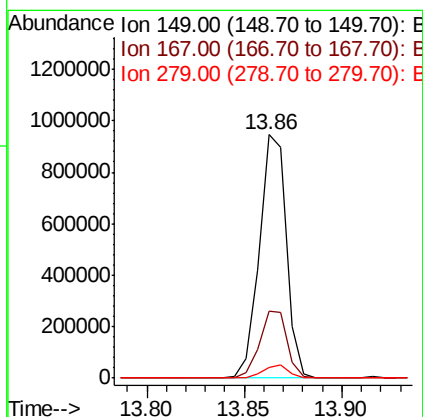
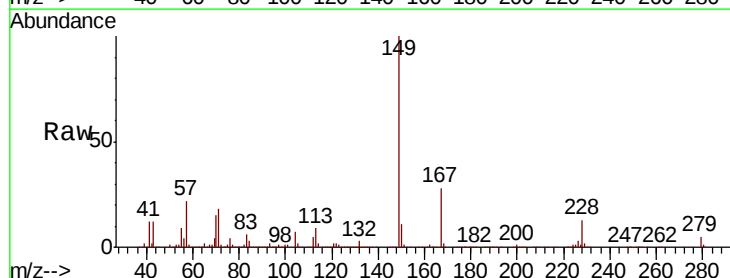
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1246014
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.1 37.7
 229 20.0 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.189 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BF119135.D
 Acq: 28 Feb 2020 17:09

Tgt Ion:149 Resp: 905523
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.8 34.2
 279 4.6 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 58.160 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA_F

ClientSampleId :

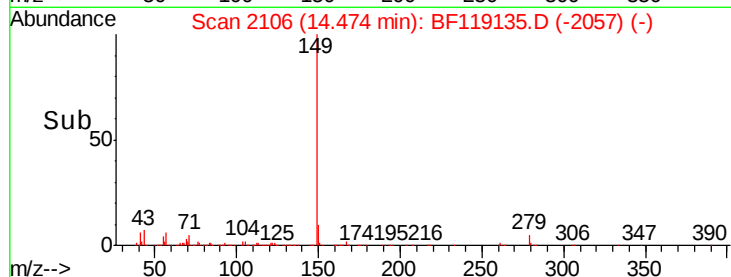
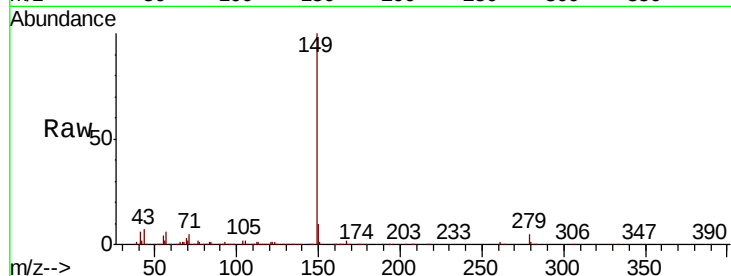
Tot Ion:149 Resp: 1520433

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

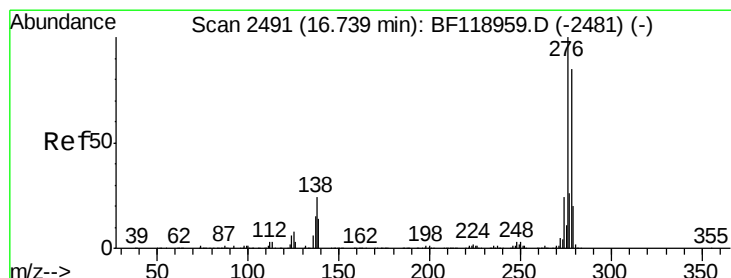
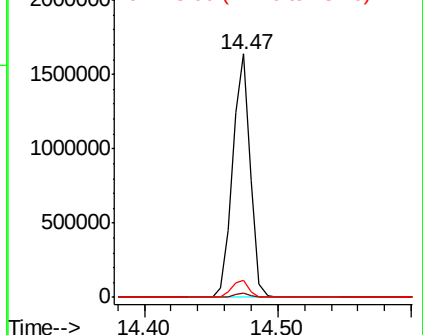
43 6.7 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.735 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

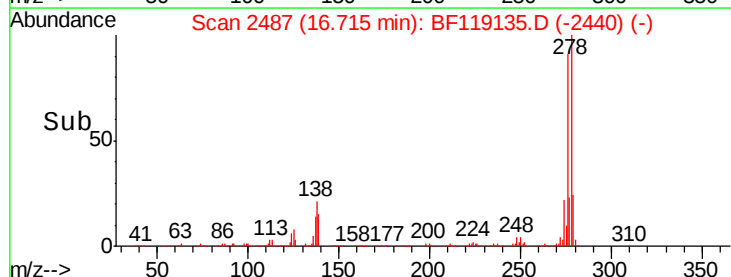
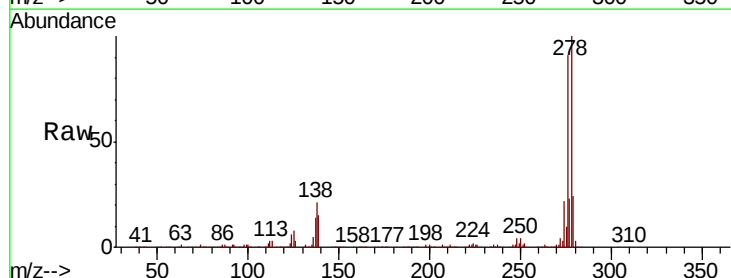
Tgt Ion:276 Resp: 1306974

Ion Ratio Lower Upper

276 100

138 21.4 17.4 26.0

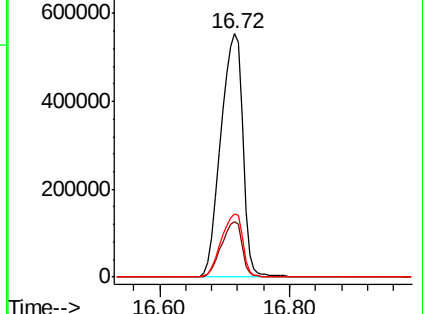
277 25.6 20.3 30.5

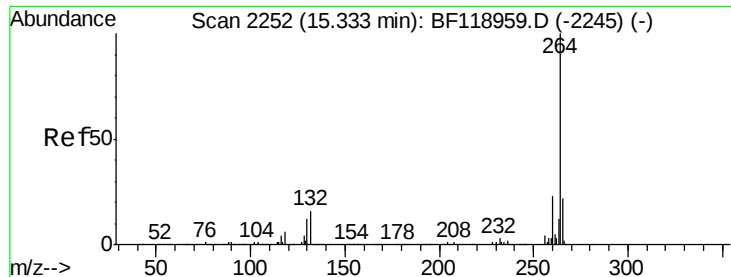


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

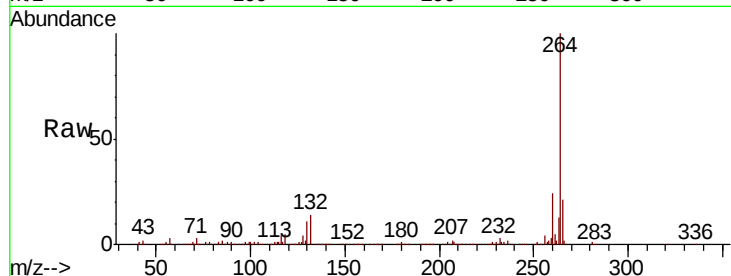




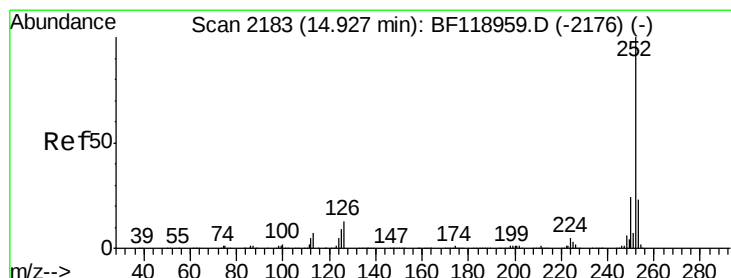
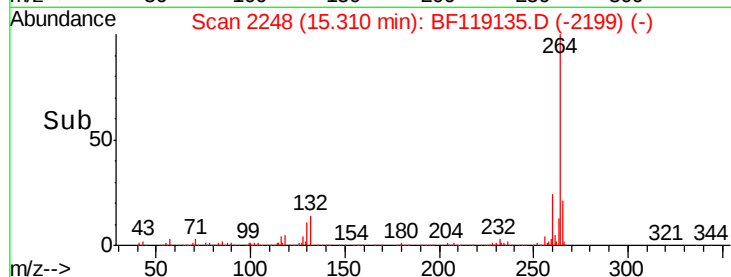
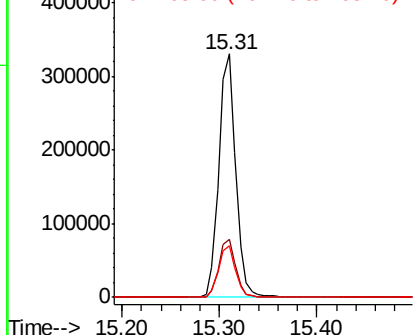
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 397893
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 21.4 17.7 26.5

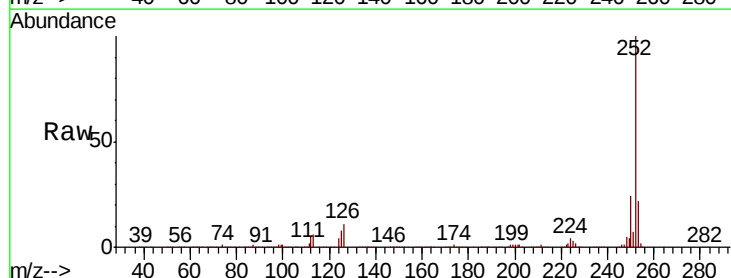


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

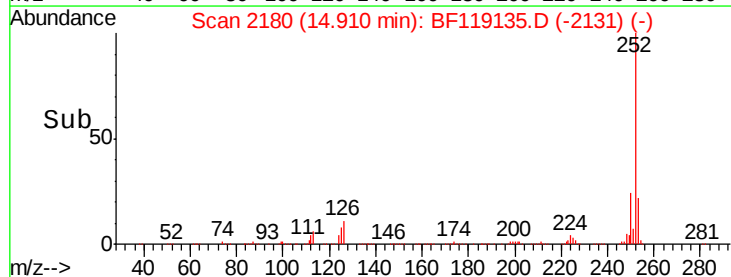
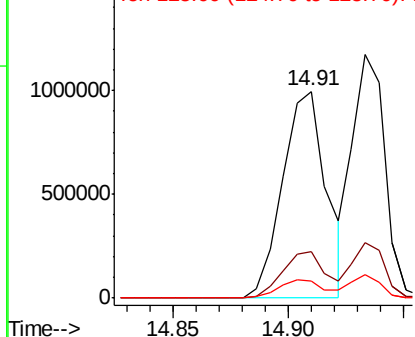


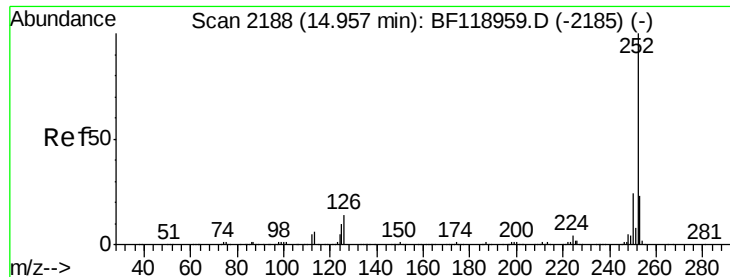
#88
Benzo(b)fluoranthene
Concen: 50.182 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

Tgt Ion:252 Resp: 1316122
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 8.4 7.4 11.0



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

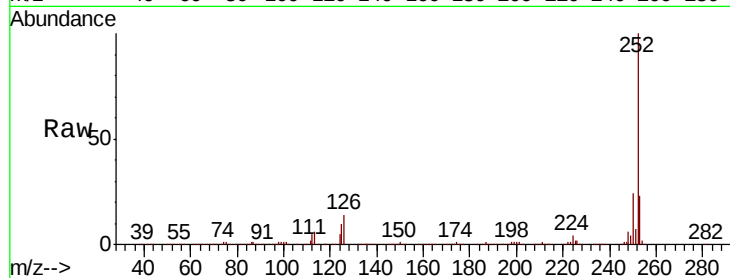




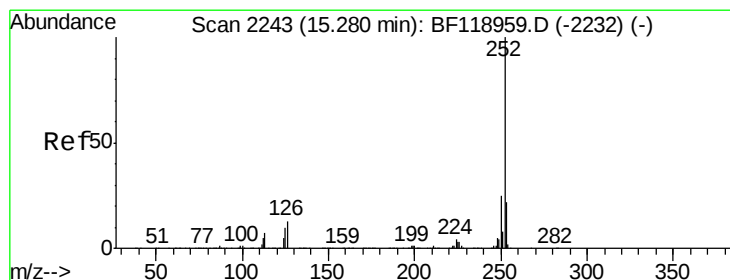
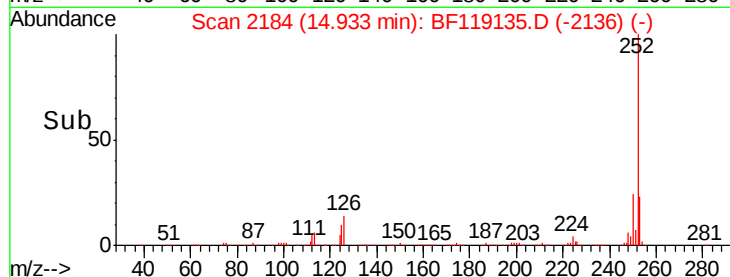
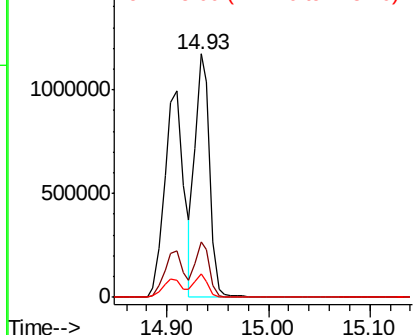
#89
Benzo(k)fluoranthene
Concen: 47.789 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1161523
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 9.6 7.5 11.3

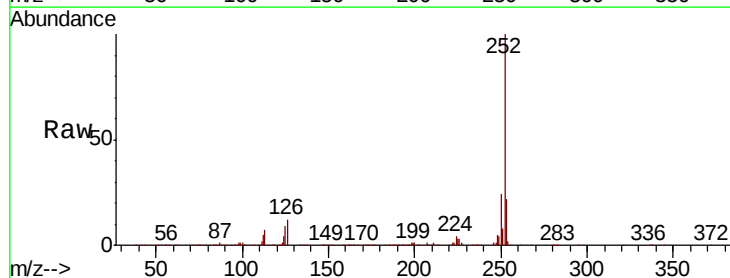


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

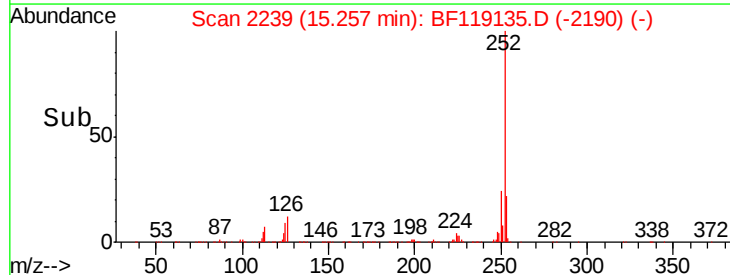
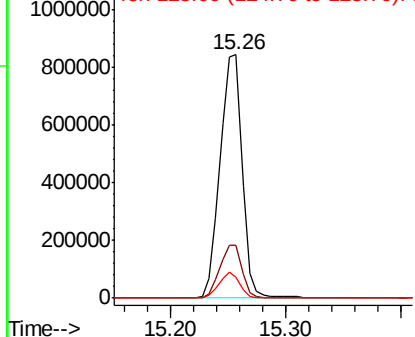


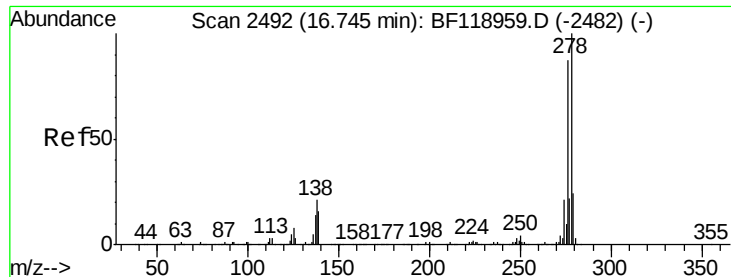
#90
Benzo(a)pyrene
Concen: 47.431 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF119135.D
Acq: 28 Feb 2020 17:09

Tgt Ion:252 Resp: 1122723
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 8.8 8.6 12.8



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: 52.397 ng

RT: 16.72 min Scan# 2488

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA_F

ClientSampleId :

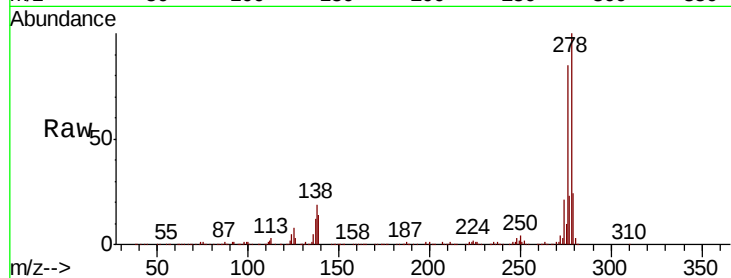
Tot Ion:278 Resp: 1091284

Ion Ratio Lower Upper

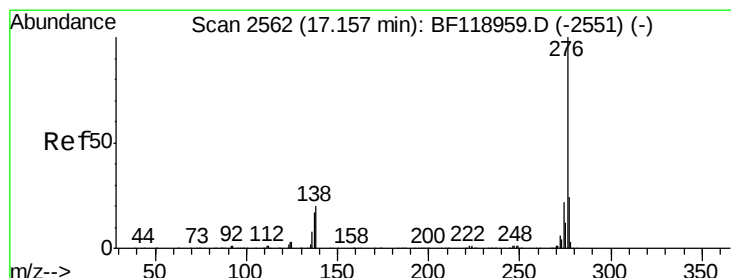
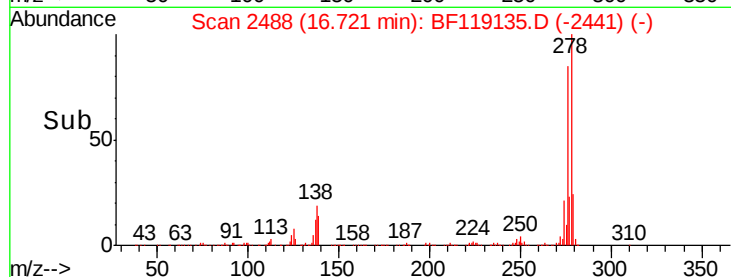
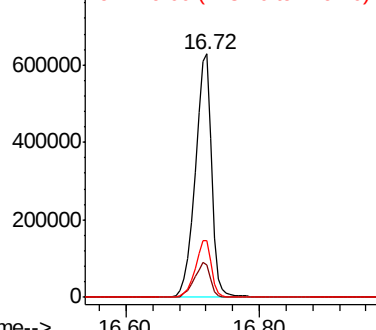
278 100

139 13.6 11.0 16.4

279 23.6 18.6 28.0



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



#92

Benzo(g,h,i)perylene

Concen: 53.086 ng

RT: 17.13 min Scan# 2558

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

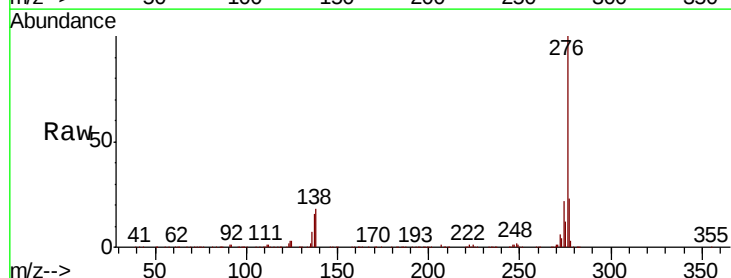
Tgt Ion:276 Resp: 1092422

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 18.5 14.3 21.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

