

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119338.D
 Acq On : 11 Mar 2020 6:58
 Operator : CG/JU
 Sample : L1826-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 11 07:44:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	111386	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	409970	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	199682	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	306351	20.00	ng	0.00
76) Chrysene-d12	13.89	240	249133	20.00	ng	0.00
87) Perylene-d12	15.32	264	206903	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	767627	115.17	ng	0.02
7) Phenol-d6	6.39	99	806514	99.50	ng	0.00
23) Nitrobenzene-d5	7.29	82	656791	84.59	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	285896	109.45	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1273047	93.92	ng	0.00
79) Terphenyl-d14	12.83	244	1225871	84.72	ng	0.00

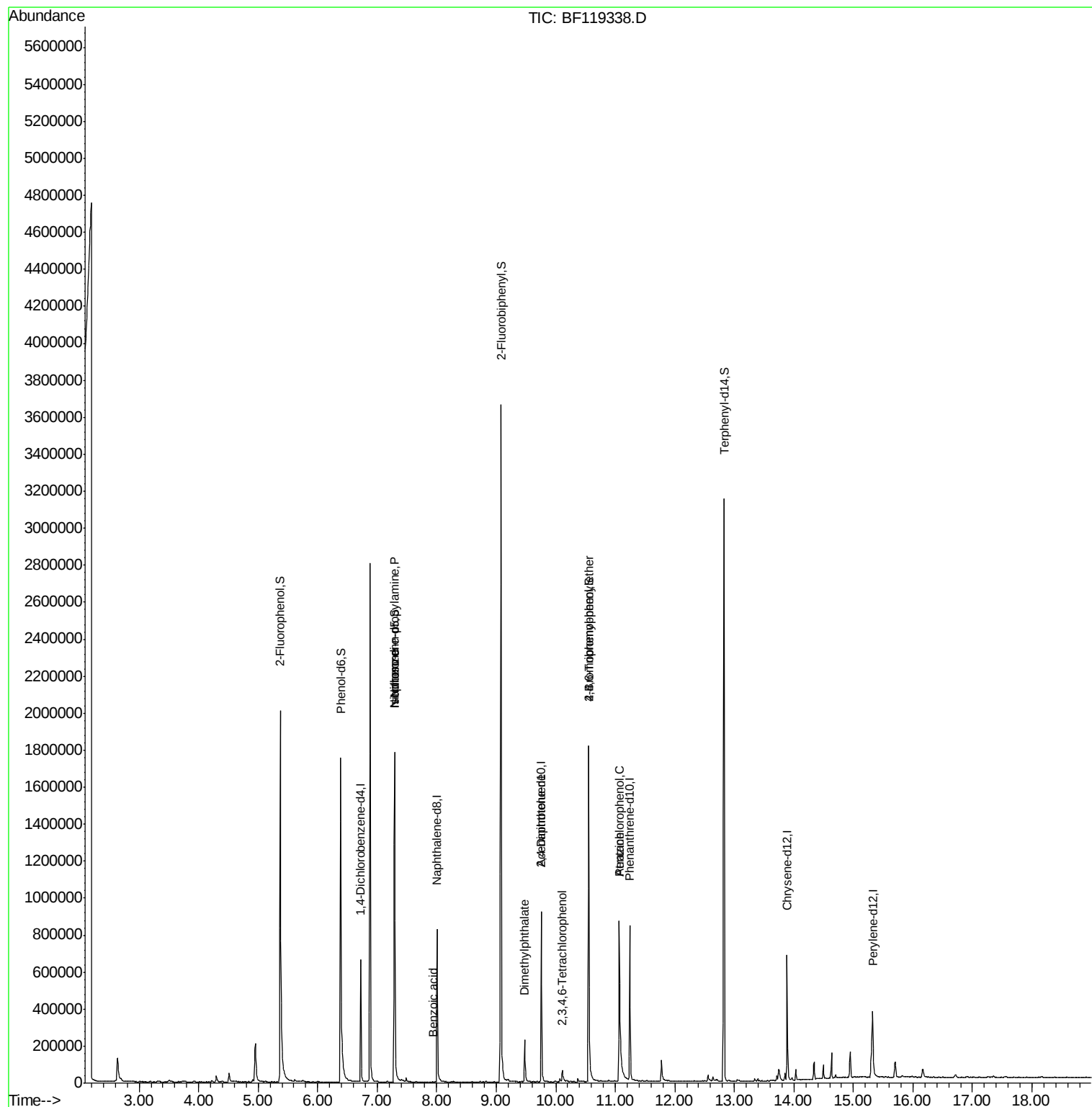
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	92067	19.492	ng	# 76
25) Isophorone	7.29	82	656791	48.706	ng	# 63
32) Benzoic acid	7.93	122	220	6.727	ng	# 85
50) Dimethylphthalate	9.48	163	121646	7.967	ng	# 98
57) 2,4-Dinitrotoluene	9.76	165	25740	5.854	ng	# 20
59) 2,3,4,6-Tetrachlorophenol	10.11	232	14091	3.743	ng	# 90
67) 4-Bromophenyl-phenylether	10.55	248	18786	4.691	ng	# 1
69) Atrazine	11.07	200	33530	9.567	ng	# 36
70) Pentachlorophenol	11.07	266	194786	104.736	ng	# 99

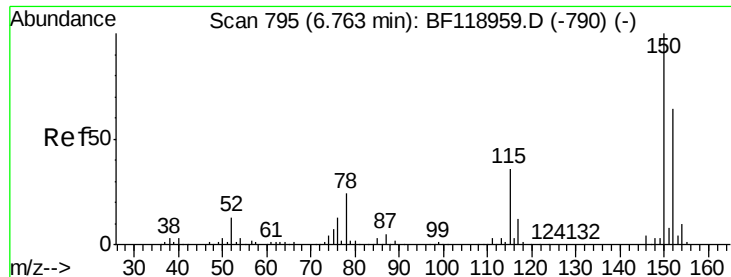
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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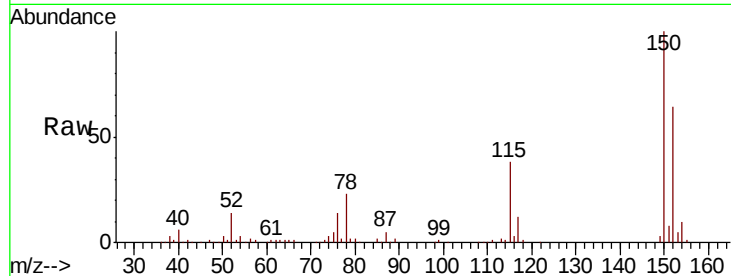


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF119338.D
Acq: 11 Mar 2020 6:58

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.0	184.6
115	59.2	49.5	74.3

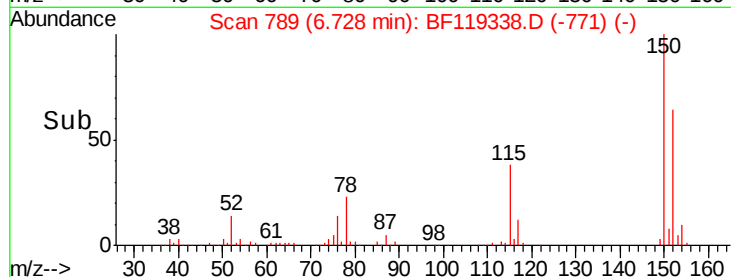
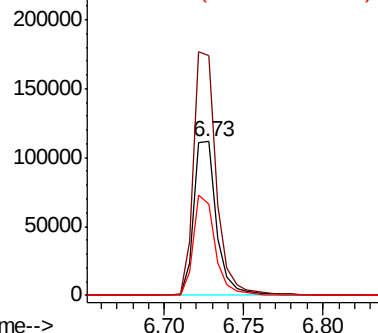


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

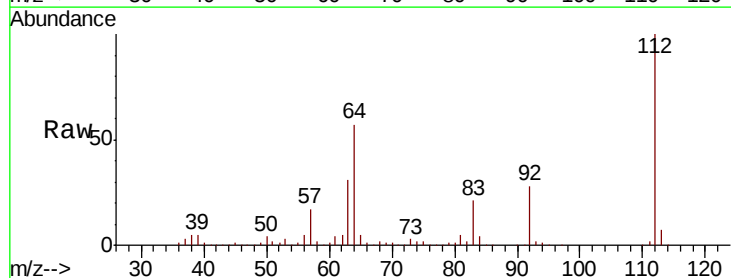
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 115.171 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119338.D
Acq: 11 Mar 2020 6:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	45.0	67.4
63	30.6	24.2	36.4

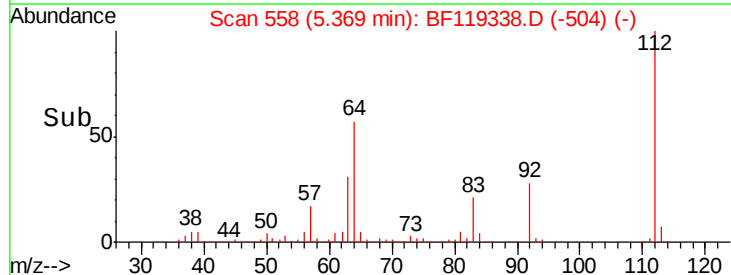
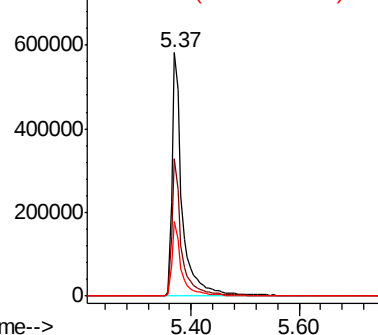


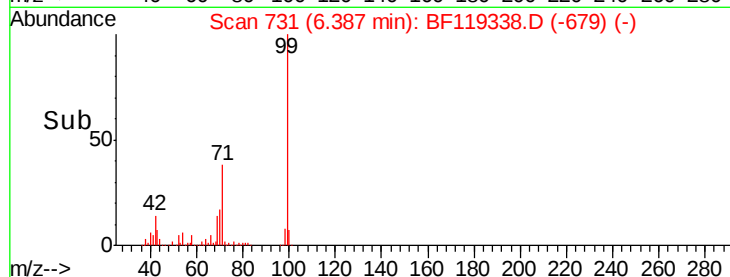
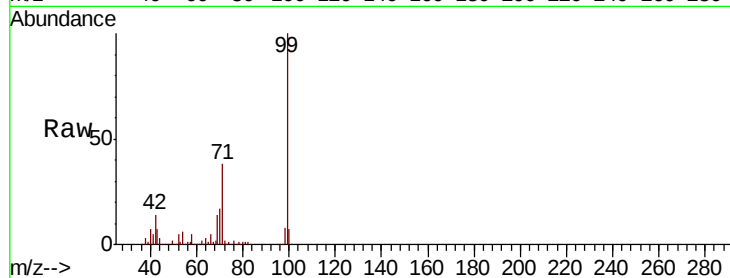
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 99.496 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119338.D

Acq: 11 Mar 2020 6:58

Instrument :

BNA_F

ClientSampleId :

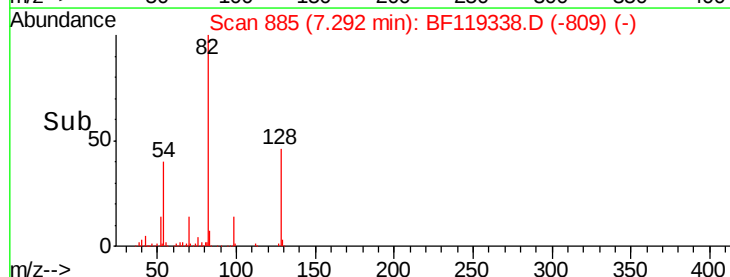
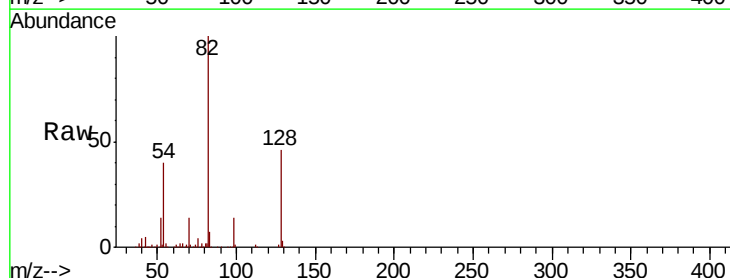
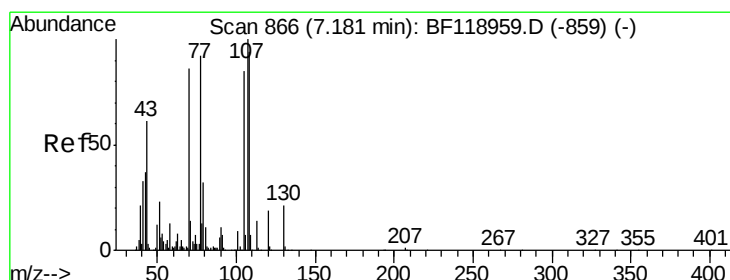
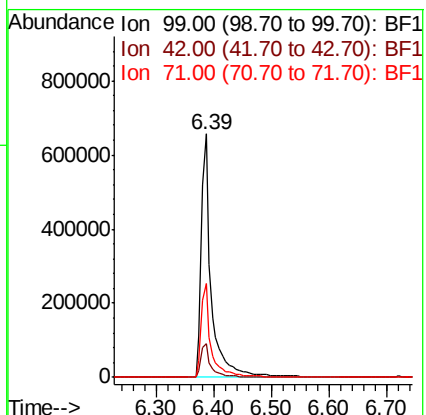
Tot Ion: 99 Resp: 806514

Ion Ratio Lower Upper

99 100

42 14.1 12.6 18.8

71 38.4 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 19.492 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.15 min

Lab File: BF119338.D

Acq: 11 Mar 2020 6:58

Tgt Ion: 70 Resp: 92067

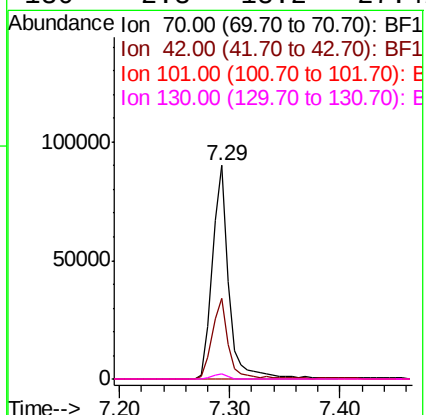
Ion Ratio Lower Upper

70 100

42 37.6 38.0 57.0#

101 0.0 8.2 12.4#

130 2.3 18.2 27.4#

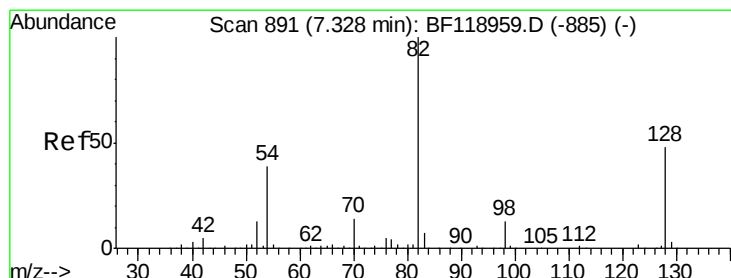
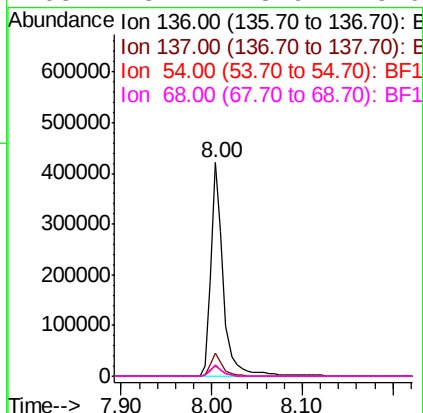
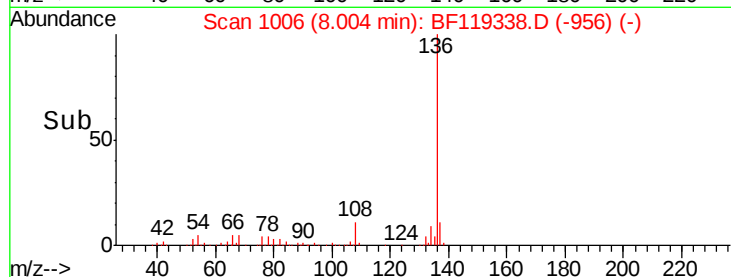
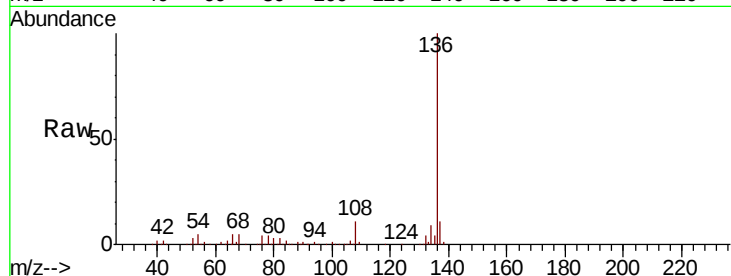




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119338.D
Acq: 11 Mar 2020 6:58

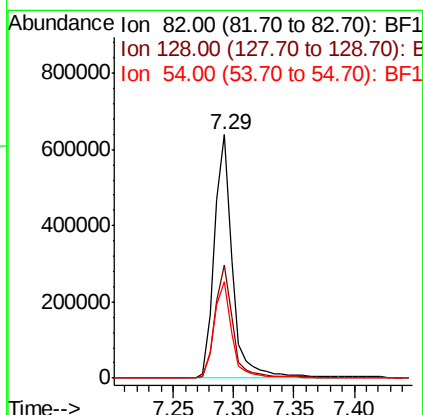
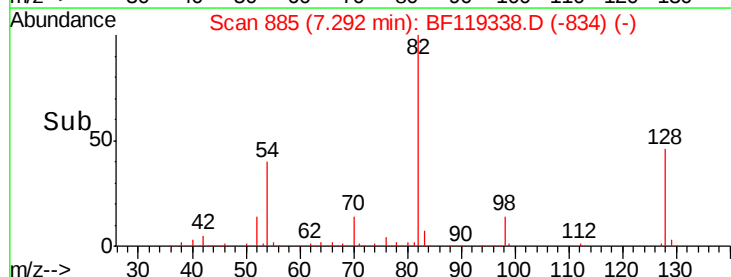
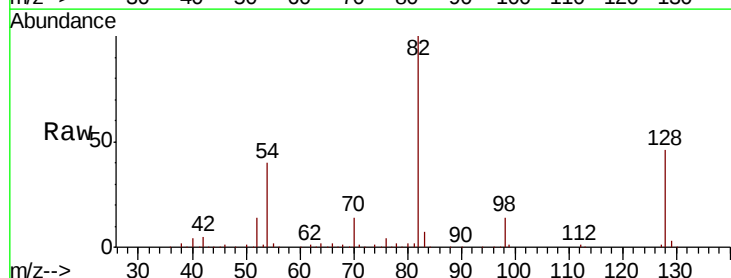
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	409970
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	5.1	3.8 5.6
68	5.4	3.9 5.9



#23
Nitrobenzene-d5
Concen: 84.588 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119338.D
Acq: 11 Mar 2020 6:58

Tgt Ion: 82	Resp:	656791
Ion	Ratio	Lower Upper
82	100	
128	46.3	37.9 56.9
54	39.6	33.4 50.2





#25

Isophorone

Concen: 48.706 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF119338.D

Acq: 11 Mar 2020 6:58

Instrument :

BNA_F

ClientSampleId :

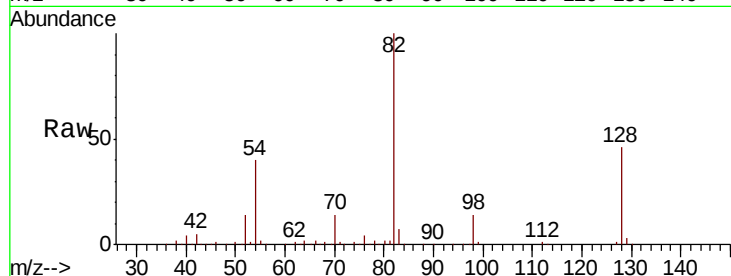
Tot Ion: 82 Resp: 656791

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

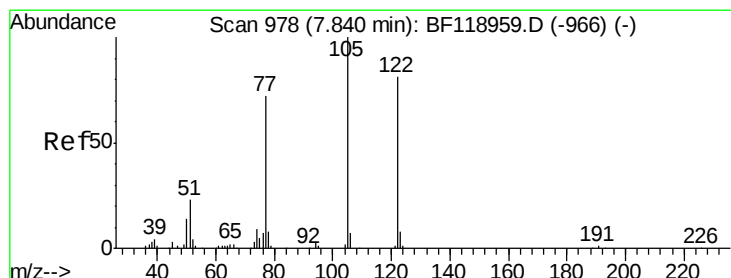
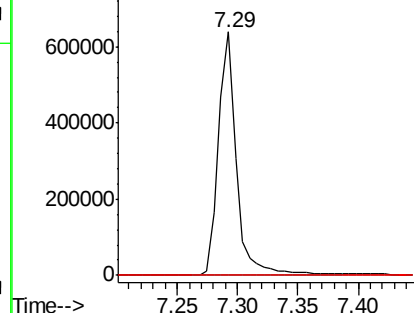
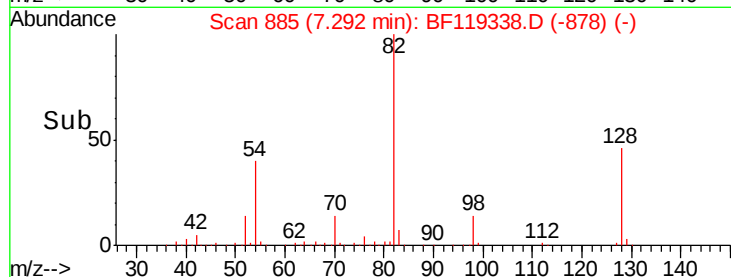
138 0.0 15.7 23.5#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 6.727 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.09 min

Lab File: BF119338.D

Acq: 11 Mar 2020 6:58

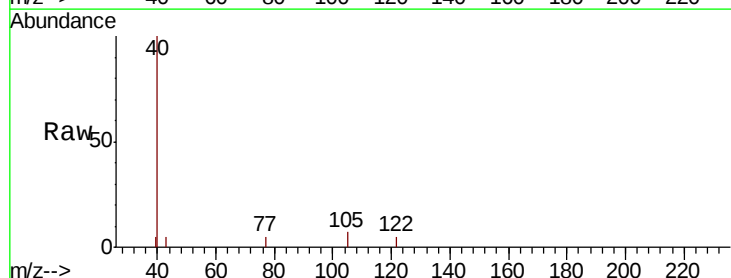
Tgt Ion: 122 Resp: 220

Ion Ratio Lower Upper

122 100

105 150.3 106.3 146.3#

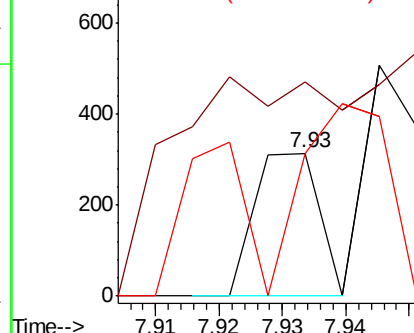
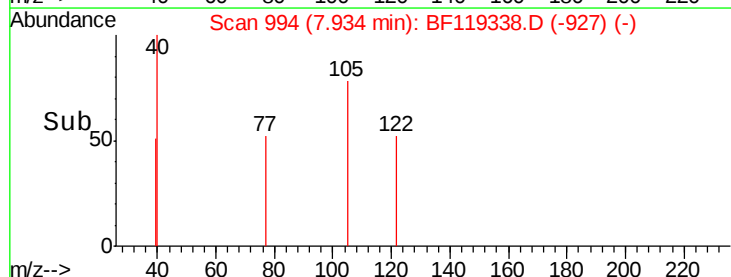
77 100.0 73.1 113.1

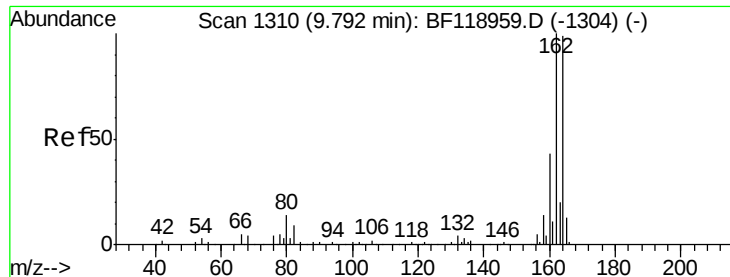


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

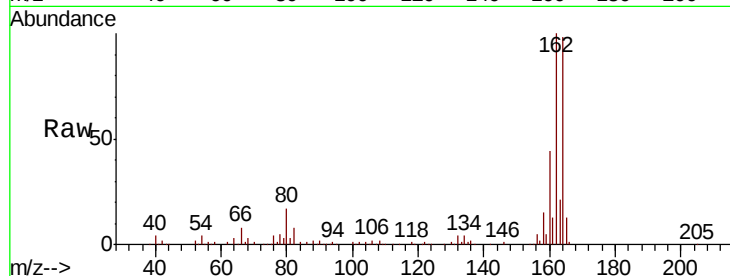




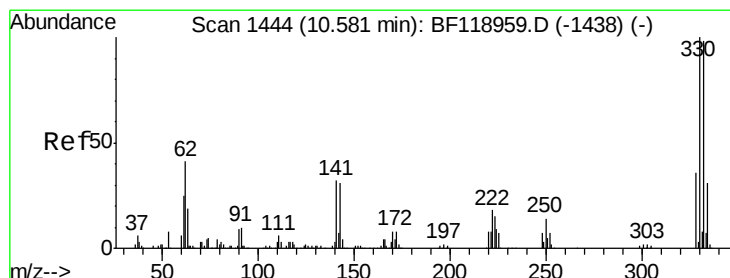
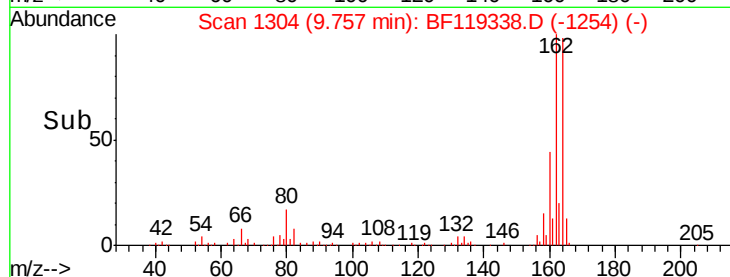
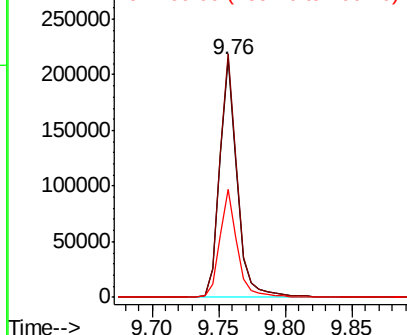
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119338.D
 Acq: 11 Mar 2020 6:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 199682
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.8 122.8
 160 45.2 36.0 54.0

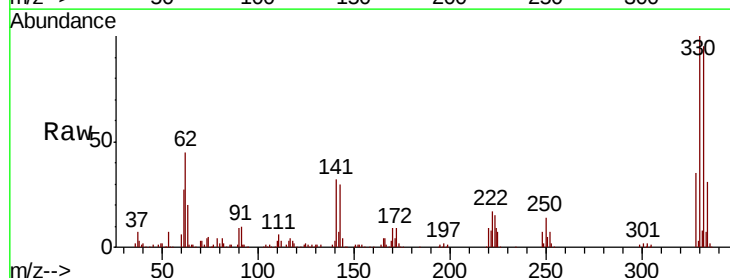


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

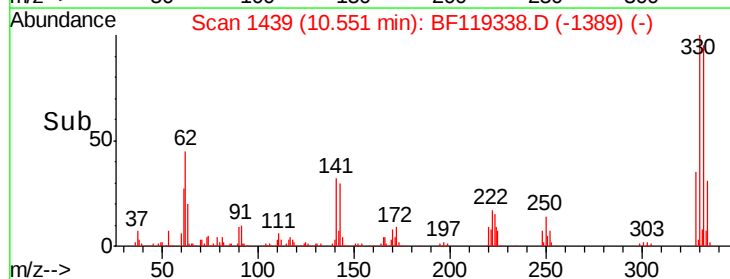
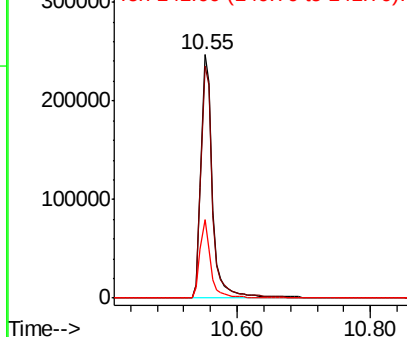


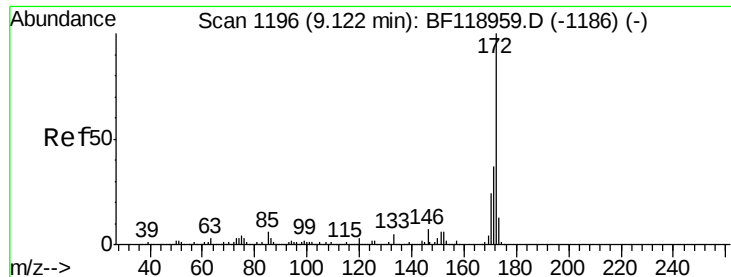
#42
 2,4,6-Tribromophenol
 Concen: 109.447 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119338.D
 Acq: 11 Mar 2020 6:58

Tgt Ion:330 Resp: 285896
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.0 114.0
 141 30.7 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

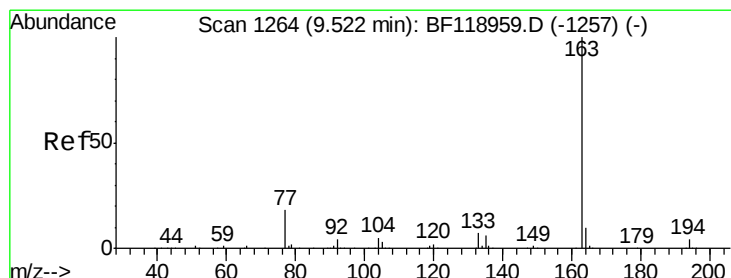
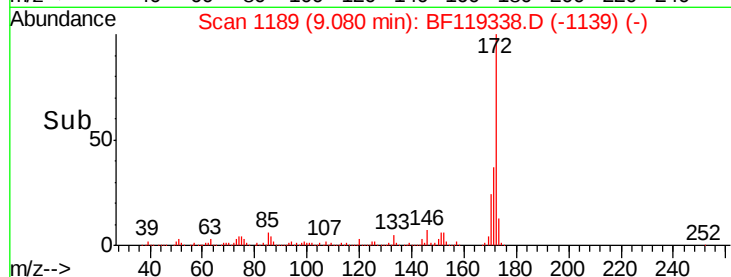
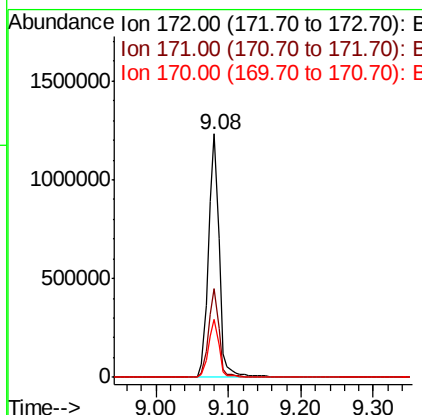
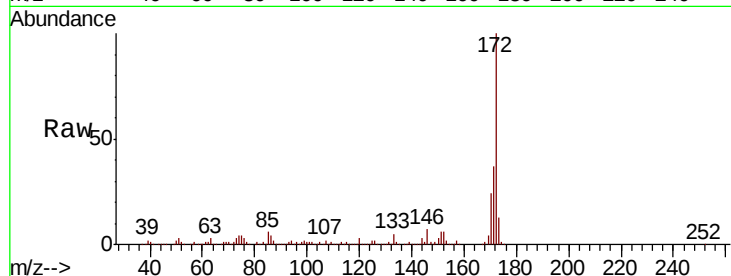




#45
2-Fluorobiphenyl
Concen: 93.920 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119338.D
Acq: 11 Mar 2020 6:58

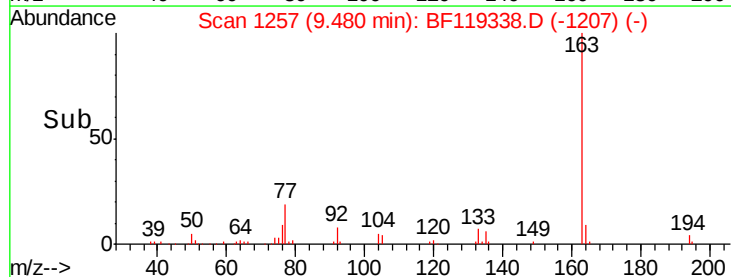
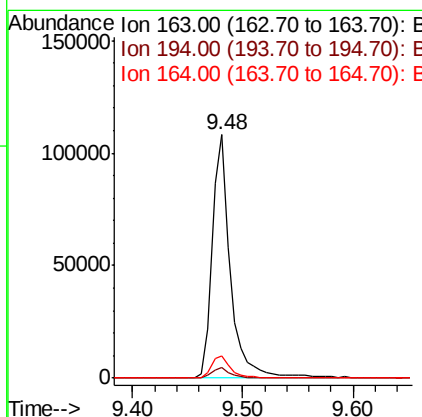
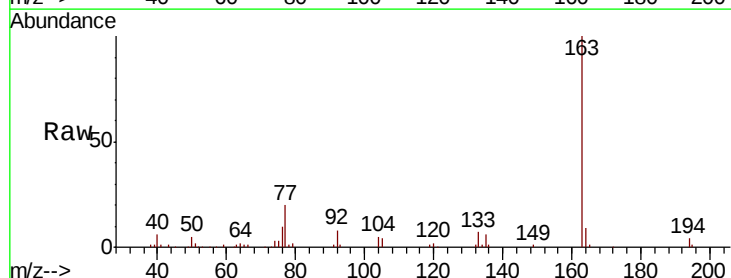
Instrument :
BNA_F
ClientSampleId :

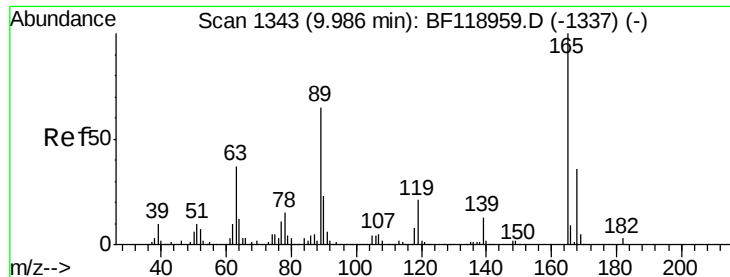
Tot Ion:172 Resp: 1273047
Ion Ratio Lower Upper
172 100
171 36.7 30.6 45.8
170 24.0 20.2 30.2



#50
Dimethylphthalate
Concen: 7.967 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF119338.D
Acq: 11 Mar 2020 6:58

Tgt Ion:163 Resp: 121646
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 9.4 8.4 12.6

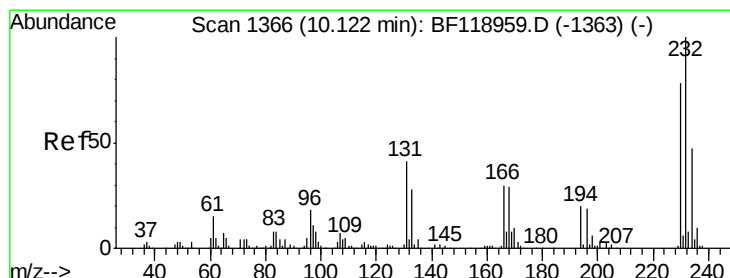
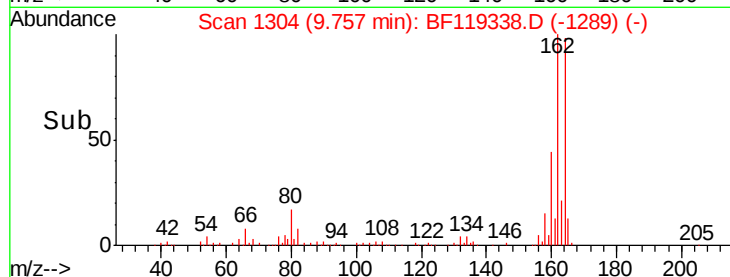
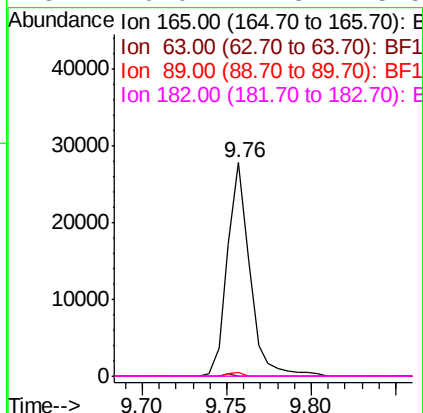
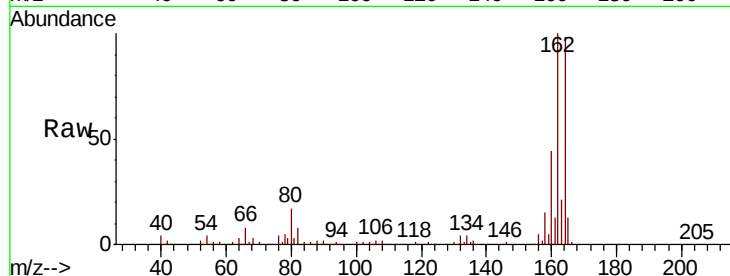




#57
 2,4-Dinitrotoluene
 Concen: 5.854 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF119338.D
 Acq: 11 Mar 2020 6:58

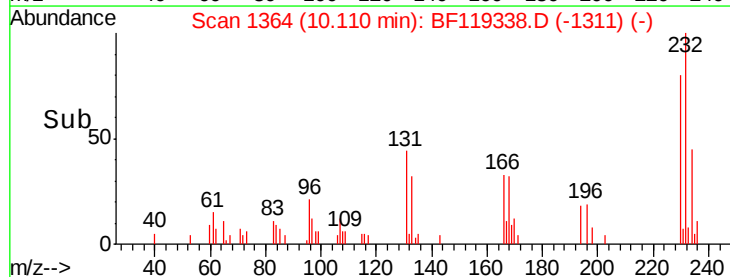
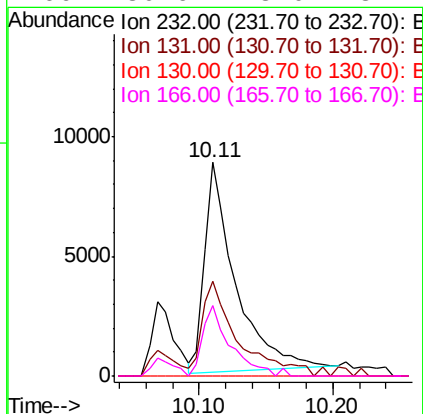
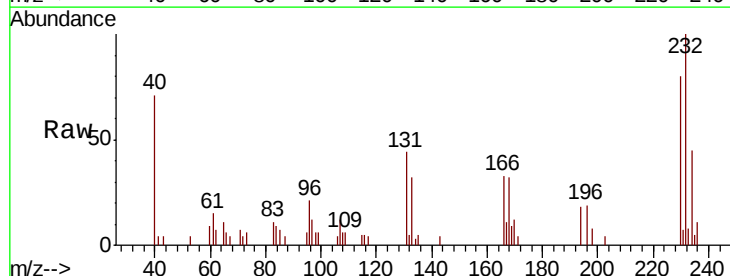
Instrument :
 BNA_F
 ClientSampleId :

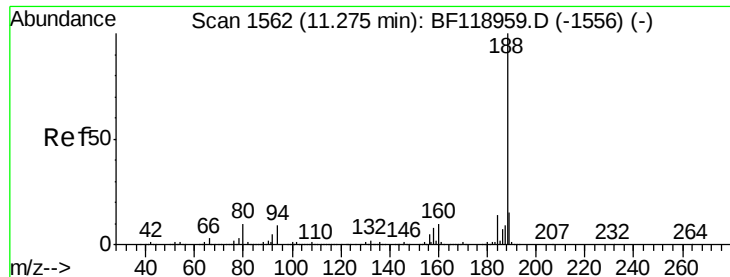
Tot Ion:165	Resp:	25740
Ion Ratio	Lower	Upper
165	100	
63	0.0	42.3 63.5#
89	1.6	60.2 90.4#
182	0.0	2.3 3.5#



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 3.743 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: BF119338.D
 Acq: 11 Mar 2020 6:58

Tgt Ion:232	Resp:	14091
Ion Ratio	Lower	Upper
232	100	
131	51.9	33.8 50.8#
130	0.0	1.8 2.6#
166	30.6	23.0 34.4

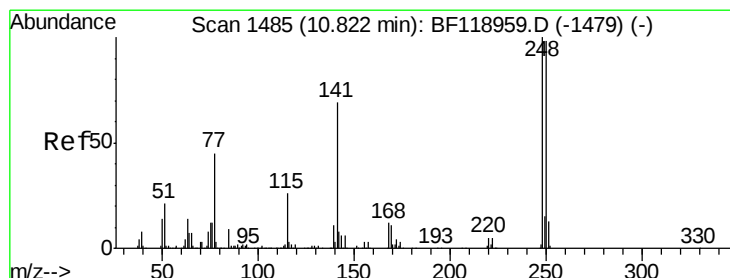
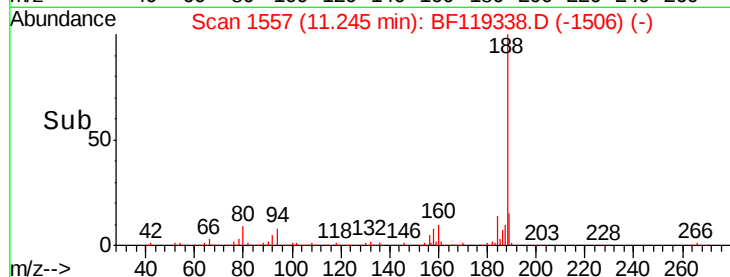
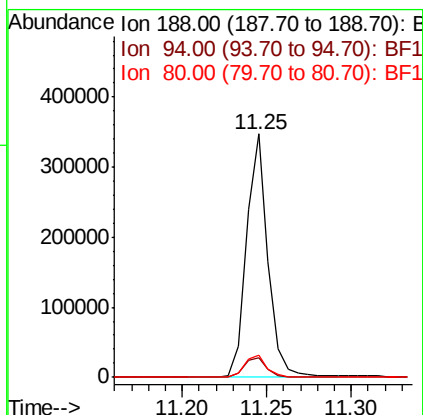
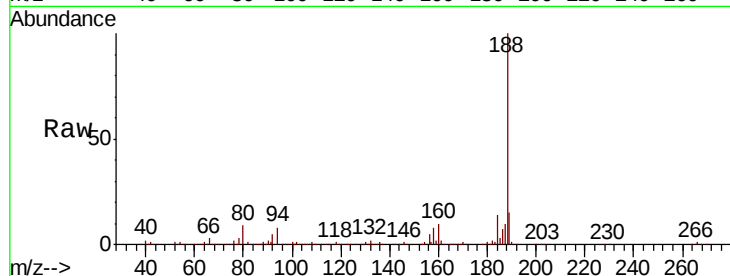




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119338.D
Acq: 11 Mar 2020 6:58

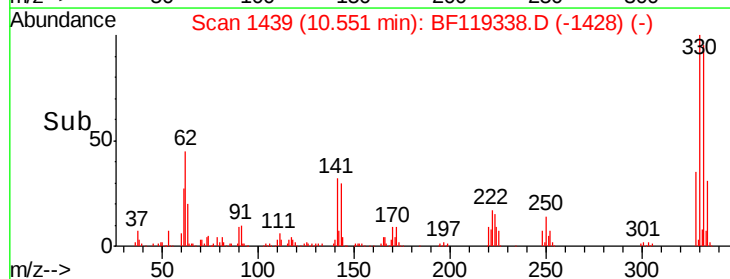
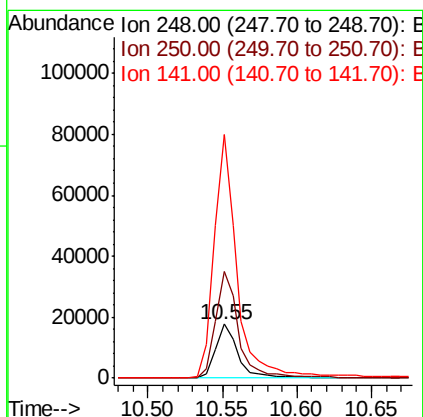
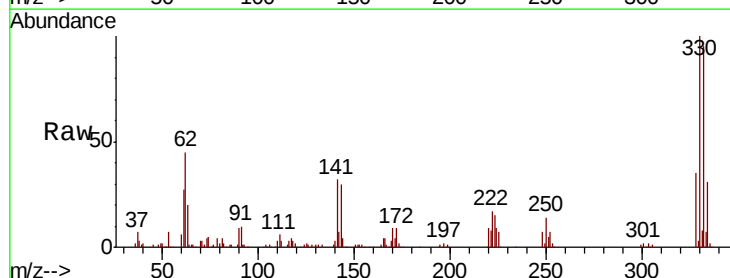
Instrument :
BNA_F
ClientSampleId :

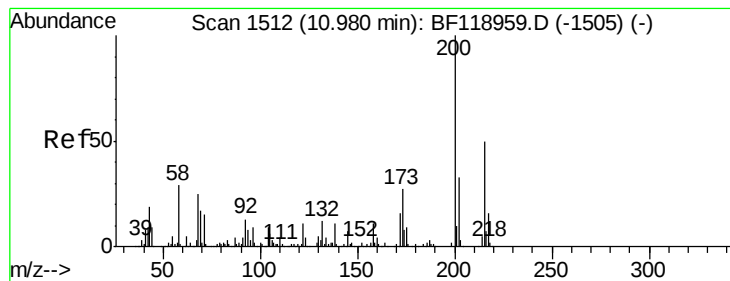
Tot Ion:188 Resp: 306351
Ion Ratio Lower Upper
188 100
94 7.9 7.1 10.7
80 8.9 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 4.691 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF119338.D
Acq: 11 Mar 2020 6:58

Tgt Ion:248 Resp: 18786
Ion Ratio Lower Upper
248 100
250 199.6 76.7 115.1#
141 453.7 60.7 91.1#





#69

Atrazine

Concen: 9.567 ng

RT: 11.07 min Scan# 1527

Delta R.T. 0.12 min

Lab File: BF119338.D

Acq: 11 Mar 2020 6:58

Instrument :

BNA_F

ClientSampled :

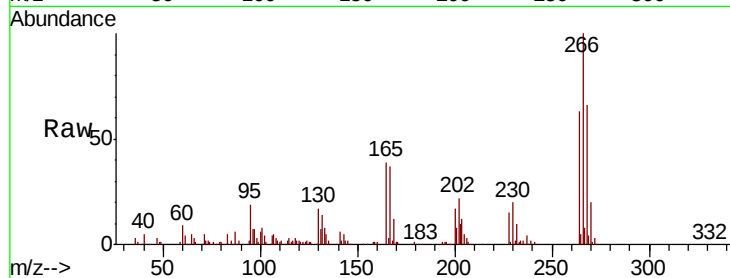
Tot Ion:200 Resp: 33530

Ion Ratio Lower Upper

200 100

173 0.0 6.4 46.4#

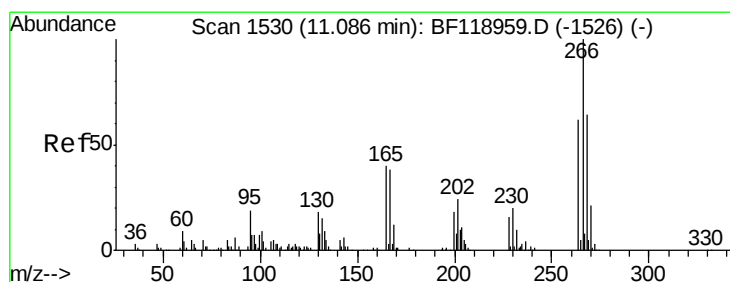
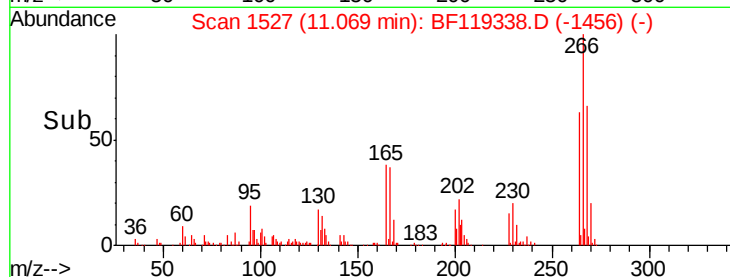
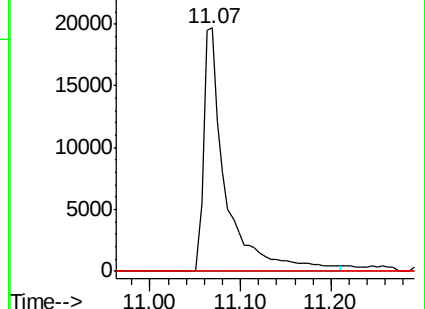
215 0.0 27.4 67.4#



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: 104.736 ng

RT: 11.07 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BF119338.D

Acq: 11 Mar 2020 6:58

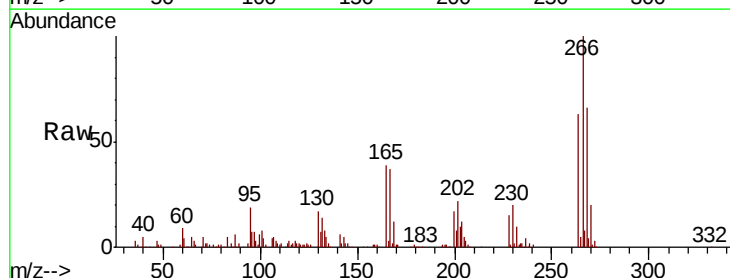
Tgt Ion:266 Resp: 194786

Ion Ratio Lower Upper

266 100

268 65.7 51.9 77.9

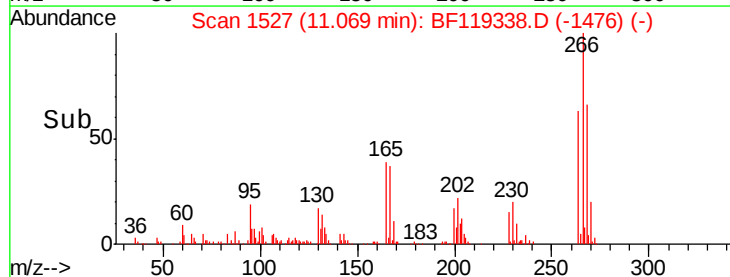
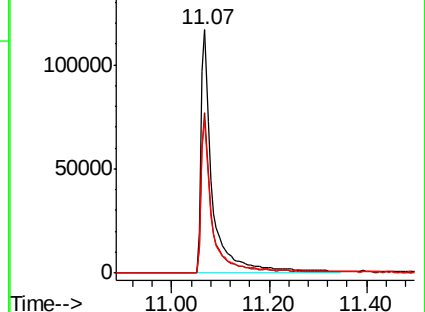
264 62.8 51.0 76.4

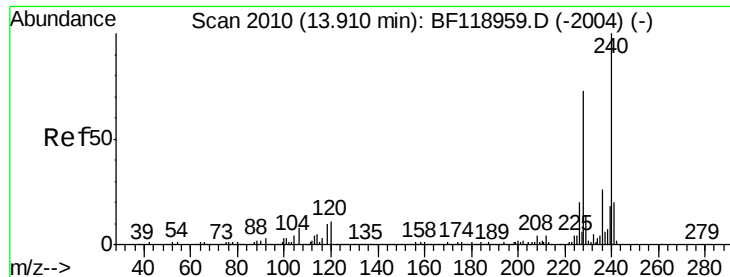


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

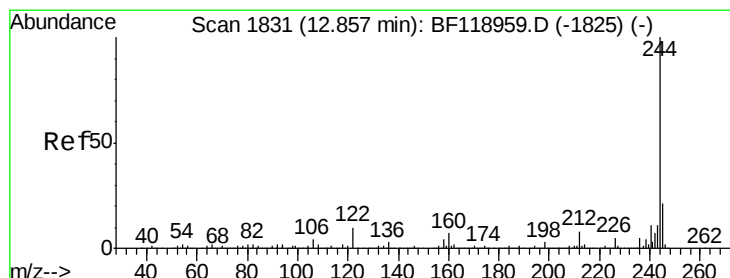
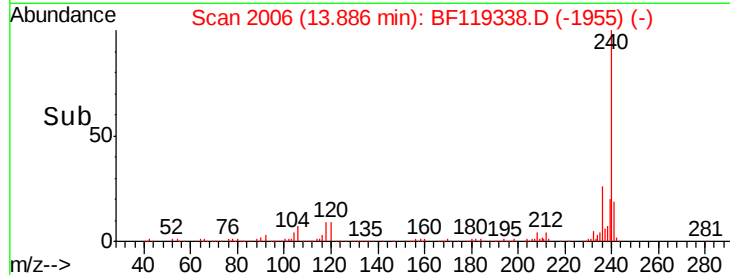
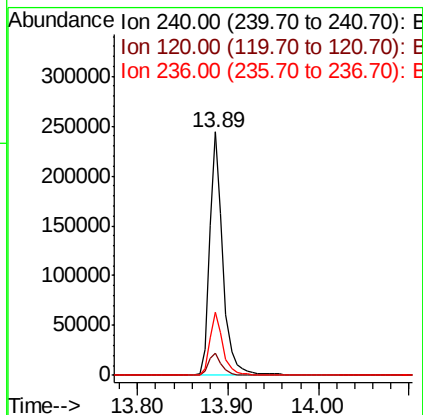
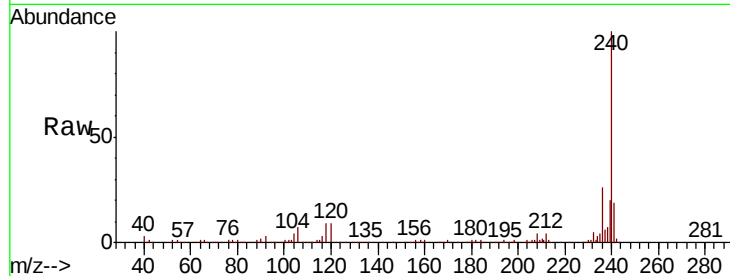




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF119338.D
 Acq: 11 Mar 2020 6:58

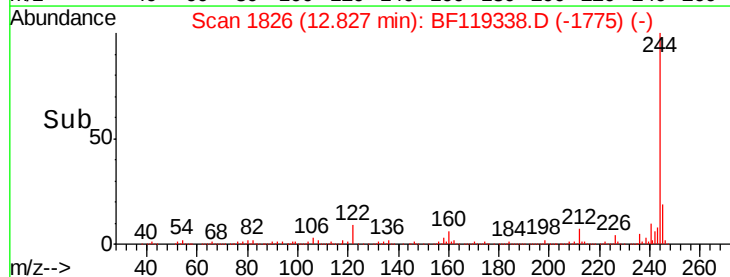
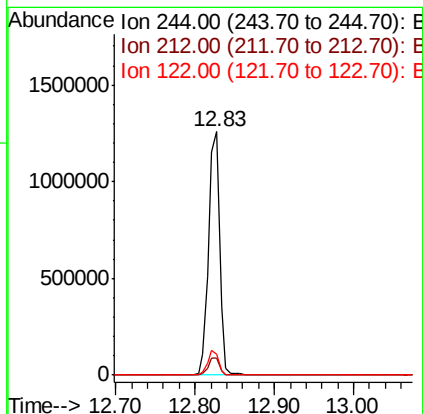
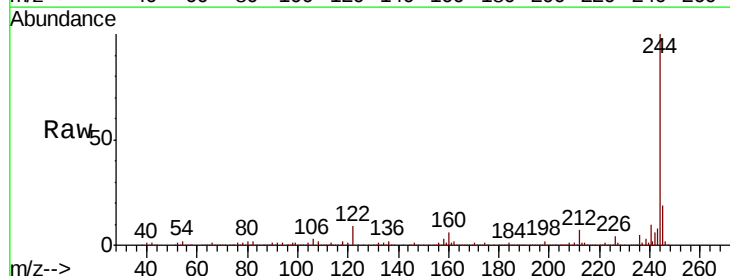
Instrument :
 BNA_F
 ClientSampleId :

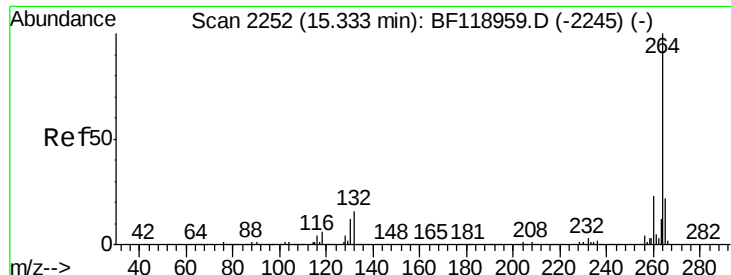
Tot Ion:240 Resp: 249133
 Ion Ratio Lower Upper
 240 100
 120 9.3 8.4 12.6
 236 25.7 21.0 31.4



#79
 Terphenyl-d14
 Concen: 84.716 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF119338.D
 Acq: 11 Mar 2020 6:58

Tgt Ion:244 Resp: 1225871
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.6 10.0
 122 8.5 8.2 12.2

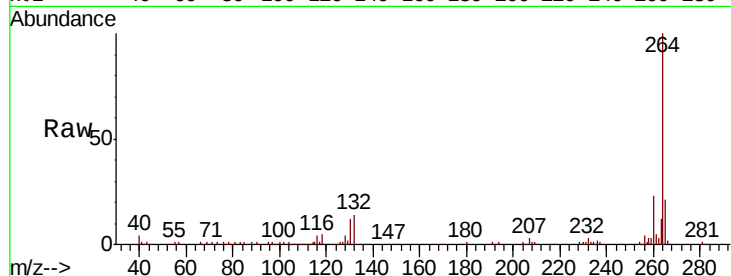




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. 0.01 min
 Lab File: BF119338.D
 Acq: 11 Mar 2020 6:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.2
265	20.9	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

