

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116934.D
 Acq On : 10 Sep 2019 21:08
 Operator : HP/JU
 Sample : K4752-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 01:02:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

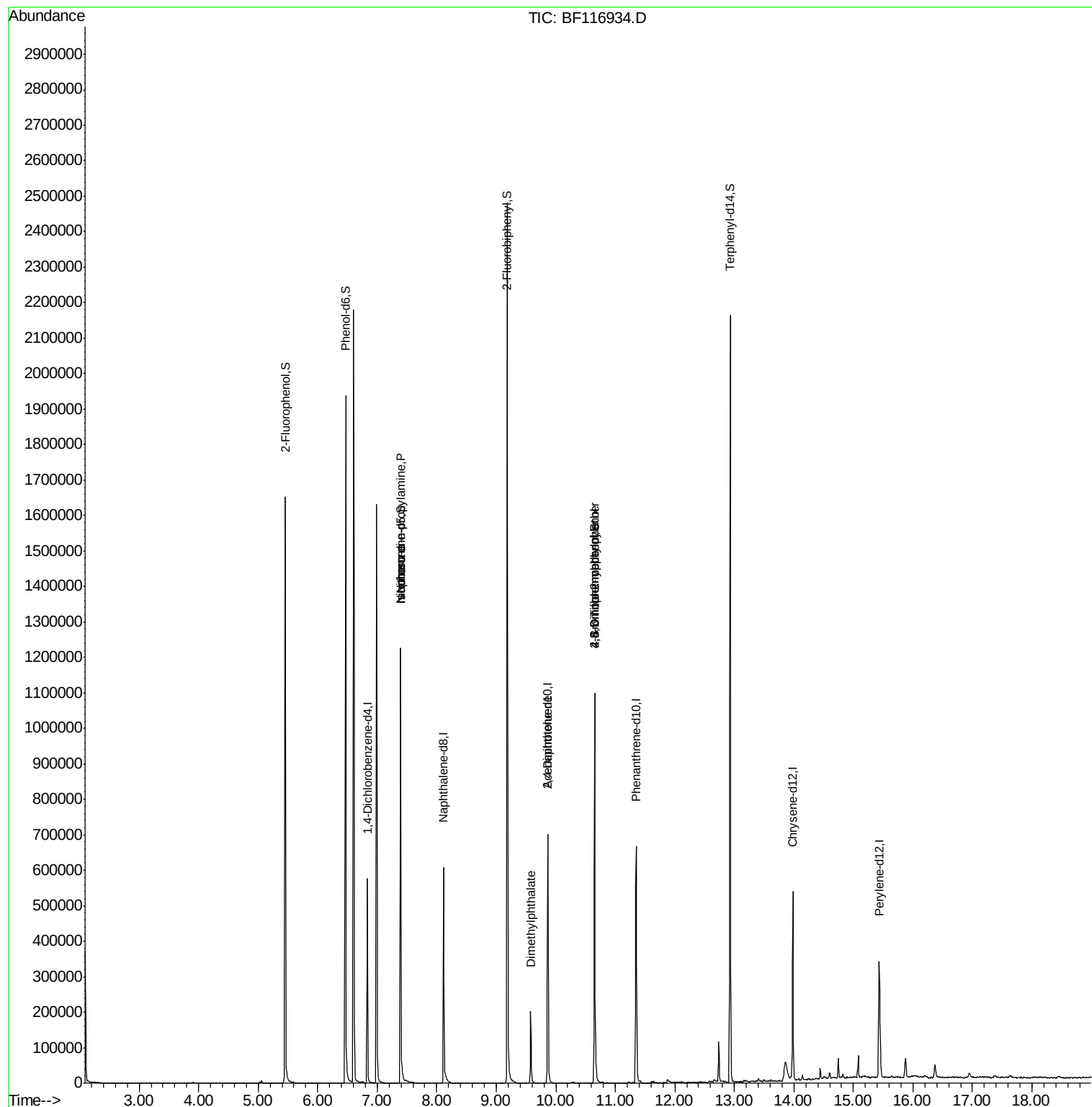
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	81090	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	326886	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	169305	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	279526	20.00	ng	0.00
76) Chrysene-d12	13.98	240	180984	20.00	ng	0.00
87) Perylene-d12	15.43	264	165955	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	518211	103.53	ng	0.00
7) Phenol-d6	6.47	99	720052	109.55	ng	0.00
23) Nitrobenzene-d5	7.39	82	451095	78.78	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	125343	110.74	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	770611	76.78	ng	0.00
79) Terphenyl-d14	12.93	244	751585	76.82	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	59066	13.649	ng	# 69
25) Isophorone	7.39	82	451092	38.877	ng	# 66
50) Dimethylphthalate	9.58	163	100983	8.639	ng	# 99
57) 2,4-Dinitrotoluene	9.86	165	21491	7.881	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.66	198	246	7.653	ng	# 1
67) 4-Bromophenyl-phenylether	10.65	248	8073	2.843	ng	# 1

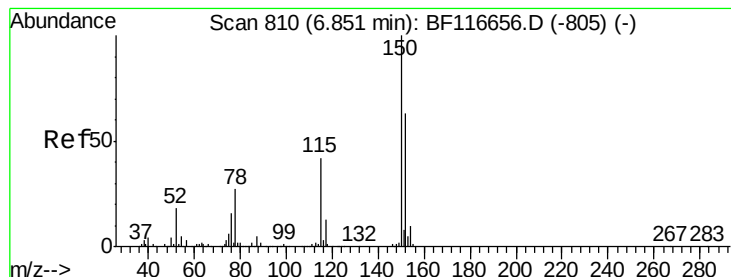
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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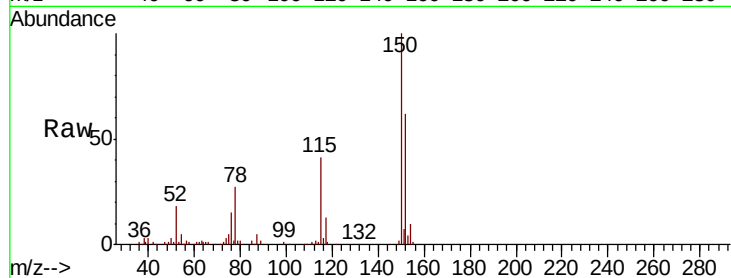


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF116934.D
Acq: 10 Sep 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	124.4	186.6
115	66.0	49.9	74.9

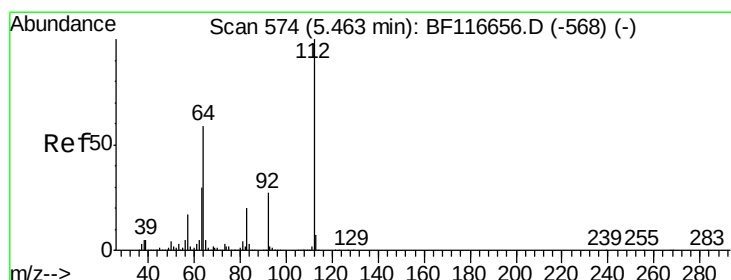
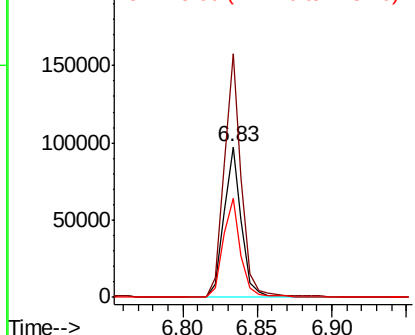
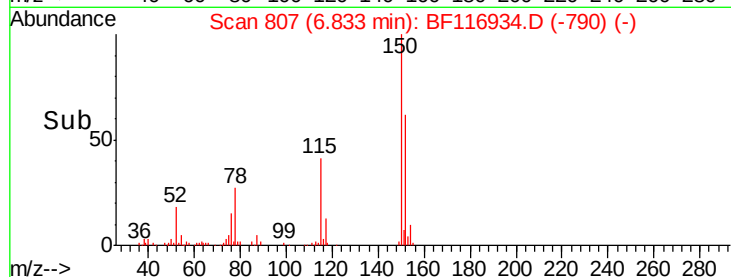


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

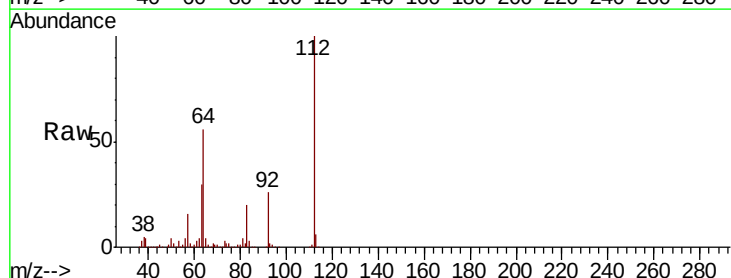
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.531 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF116934.D
Acq: 10 Sep 2019 21:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.1	70.7
63	29.5	24.9	37.3

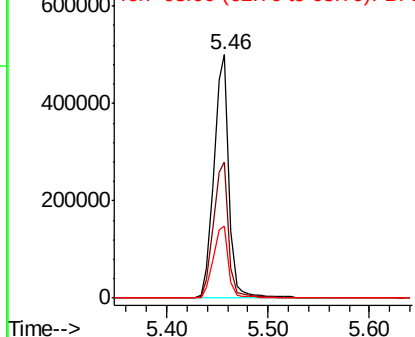
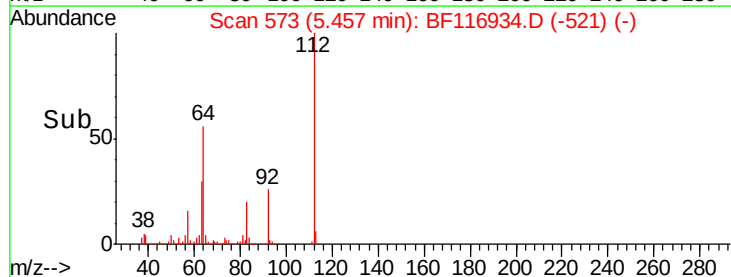


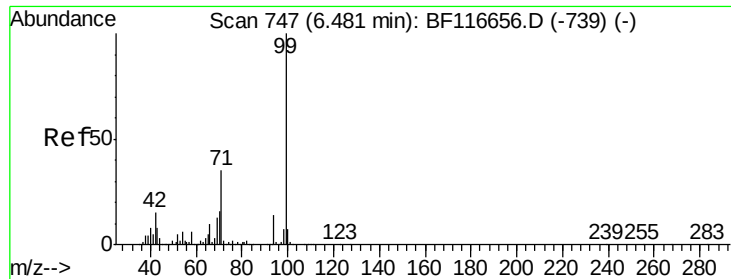
Abundance

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: 109.553 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116934.D

Acq: 10 Sep 2019 21:08

Instrument :

BNA_F

ClientSampled :

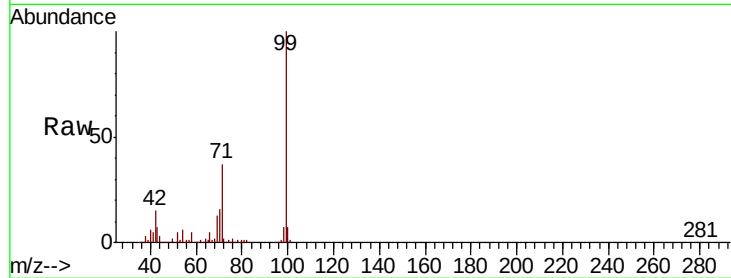
Tot Ion: 99 Resp: 720052

Ion Ratio Lower Upper

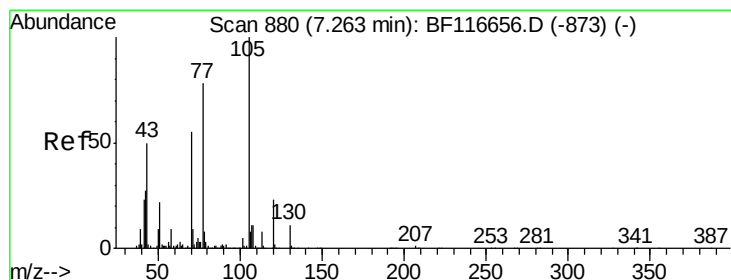
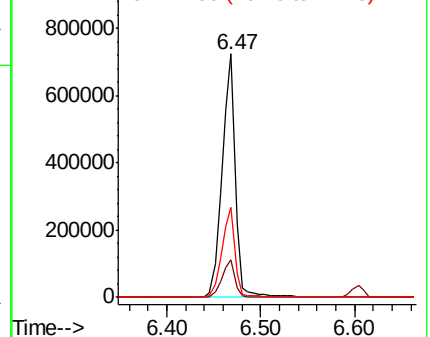
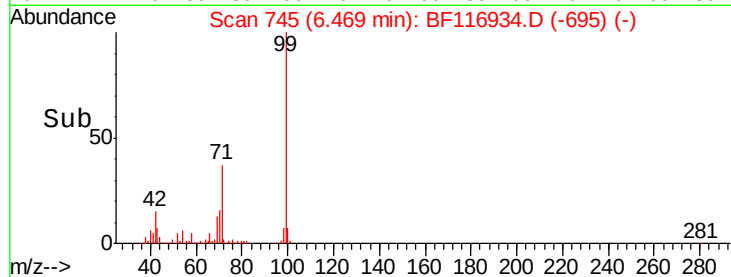
99 100

42 15.2 13.7 20.5

71 36.9 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.649 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF116934.D

Acq: 10 Sep 2019 21:08

Tgt Ion: 70 Resp: 59066

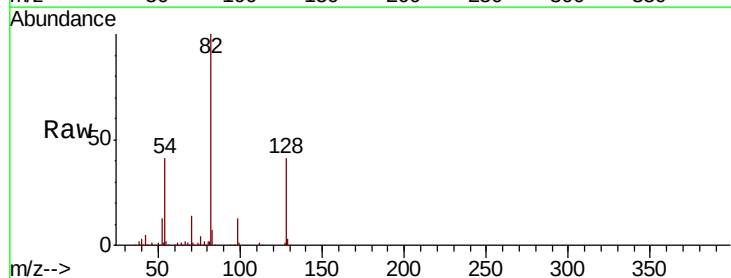
Ion Ratio Lower Upper

70 100

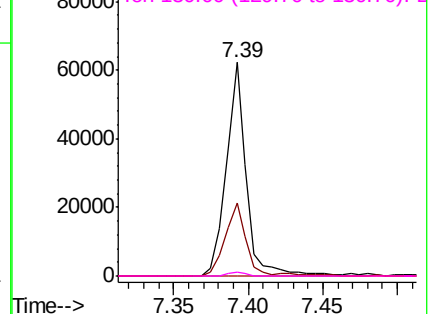
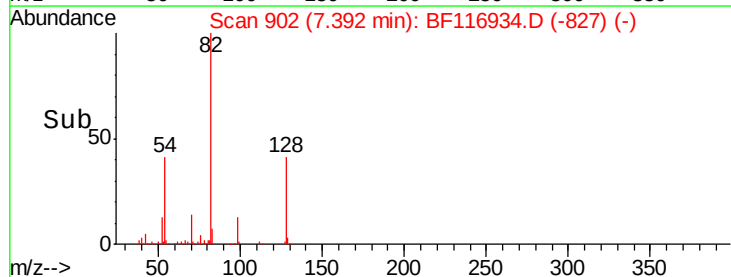
42 34.3 43.5 65.3#

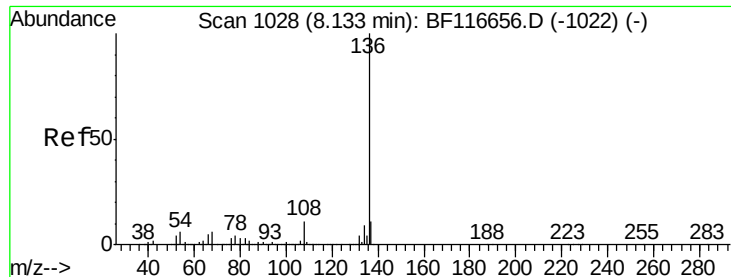
101 0.0 7.8 11.6#

130 1.6 16.6 24.8#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

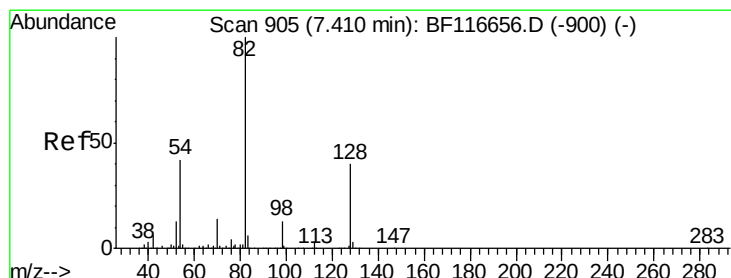
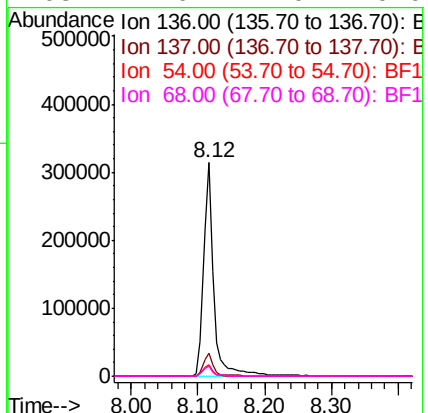
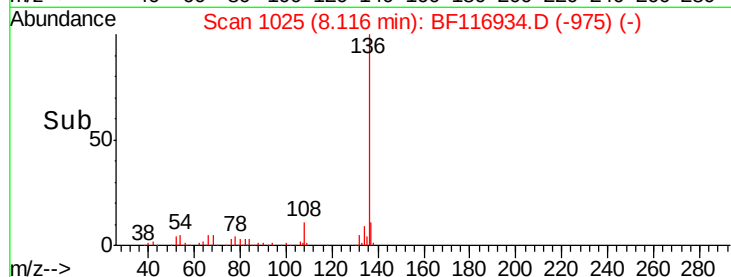
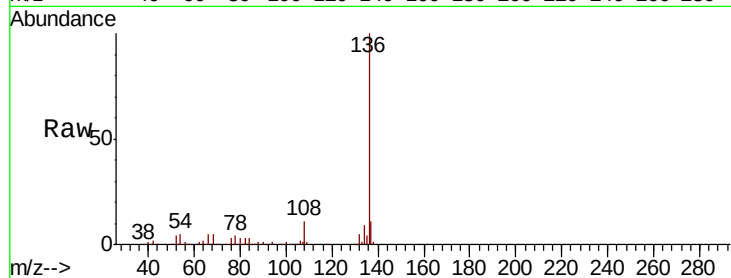




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116934.D
Acq: 10 Sep 2019 21:08

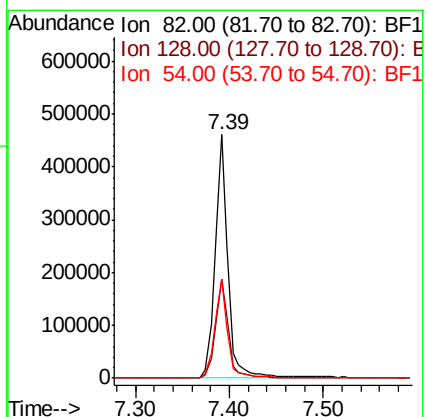
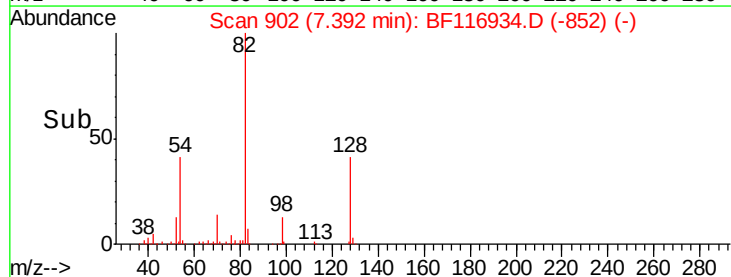
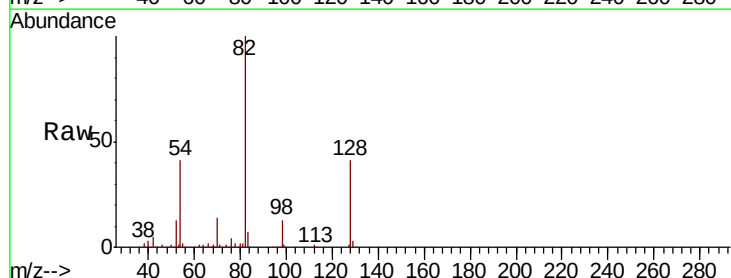
Instrument :
BNA_F
ClientSampleId :

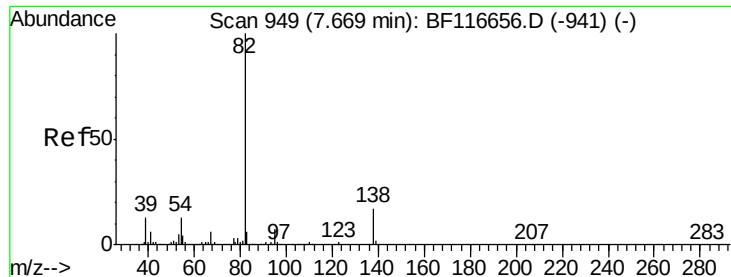
Tot Ion:136	Resp:	326886
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	5.3	4.8 7.2
68	4.6	4.0 6.0



#23
Nitrobenzene-d5
Concen: 78.779 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF116934.D
Acq: 10 Sep 2019 21:08

Tgt Ion: 82	Resp:	451095
Ion Ratio	Lower	Upper
82	100	
128	40.5	32.8 49.2
54	40.8	36.9 55.3





#25

Isophorone

Concen: 38.877 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF116934.D

Acq: 10 Sep 2019 21:08

Instrument :

BNA_F

ClientSampleId :

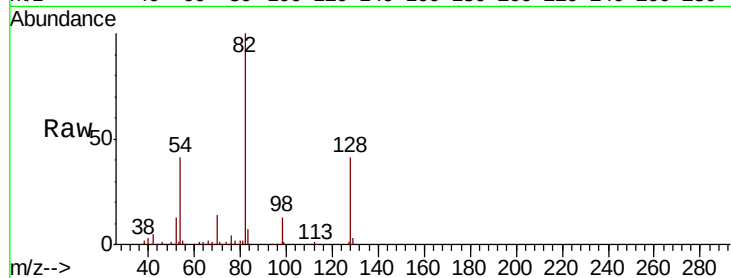
Tot Ion: 82 Resp: 451092

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

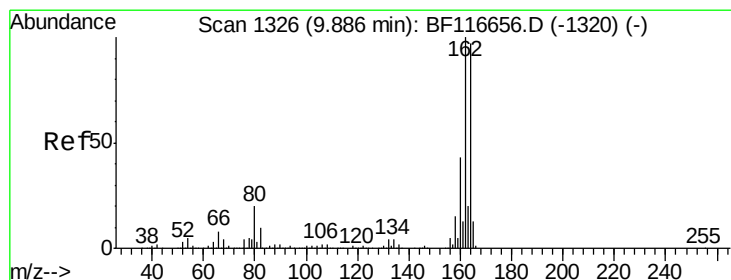
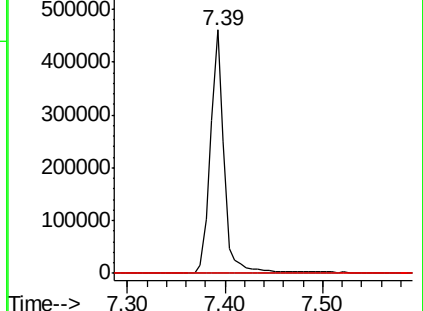
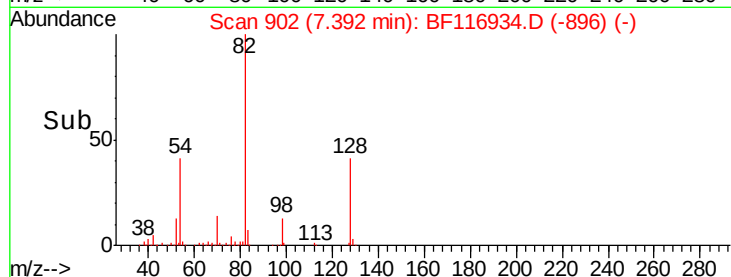
138 0.0 13.5 20.3#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF116934.D

Acq: 10 Sep 2019 21:08

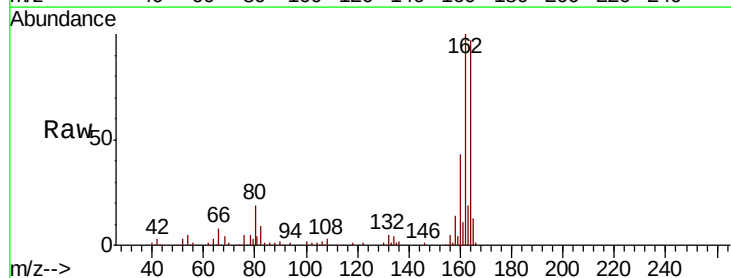
Tgt Ion: 164 Resp: 169305

Ion Ratio Lower Upper

164 100

162 103.0 81.4 122.0

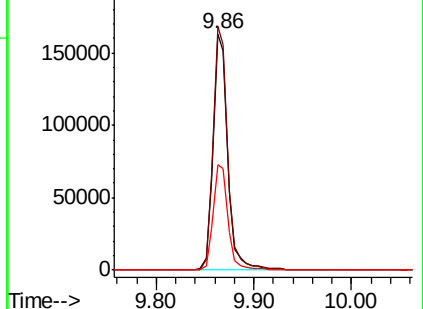
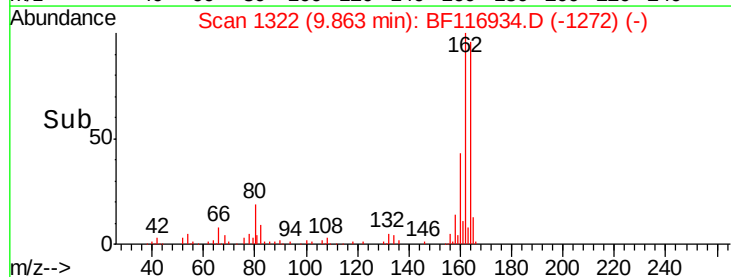
160 44.7 35.4 53.2

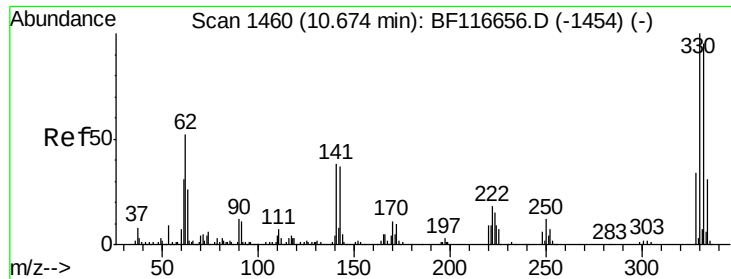


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

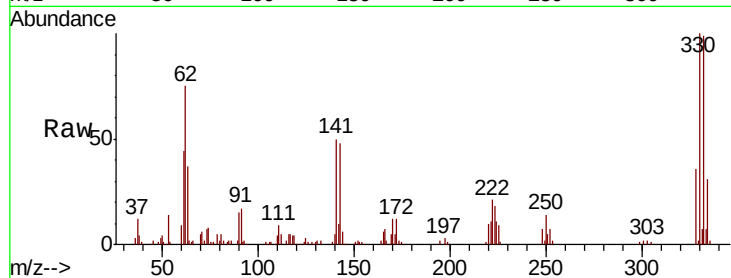




#42
 2,4,6-Tribromophenol
 Concen: 110.743 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF116934.D
 Acq: 10 Sep 2019 21:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.9	115.3
141	44.6	31.4	47.2

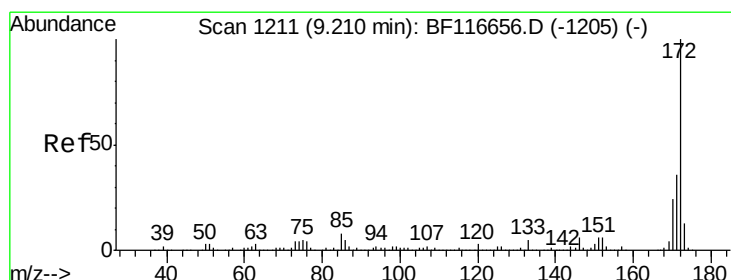
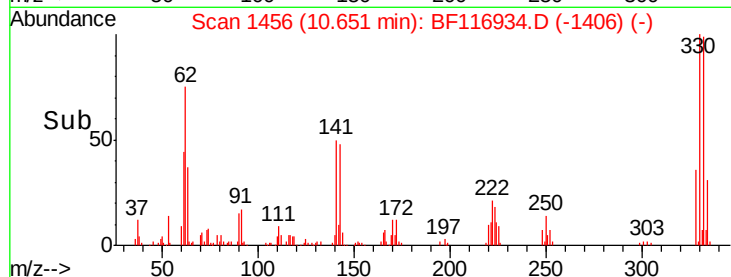
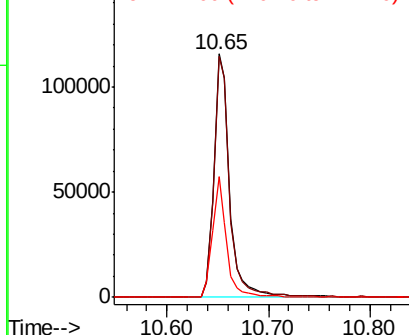


Abundance

Ion 329.80 (329.50 to 330.50): E

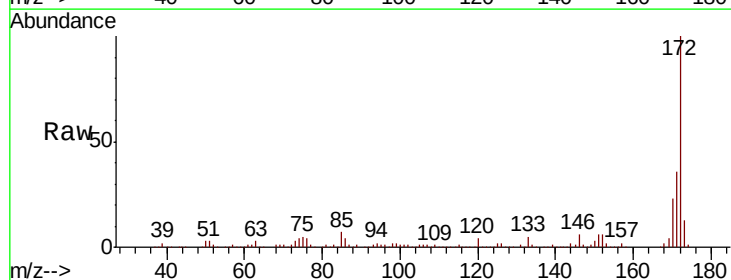
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 76.781 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF116934.D
 Acq: 10 Sep 2019 21:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.8	41.6
170	23.4	18.9	28.3

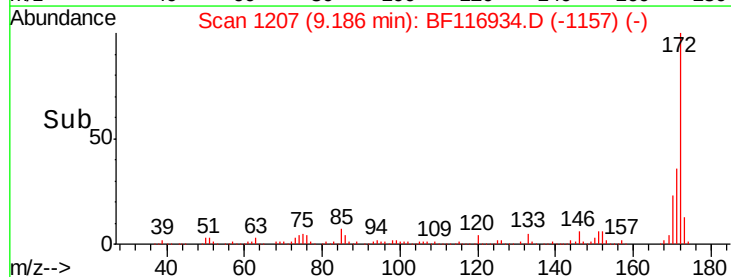
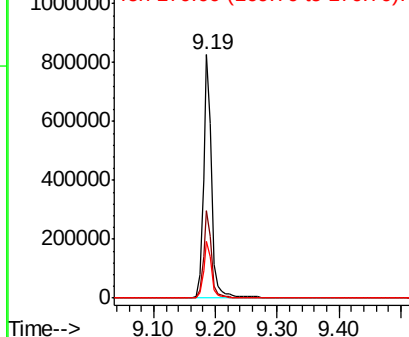


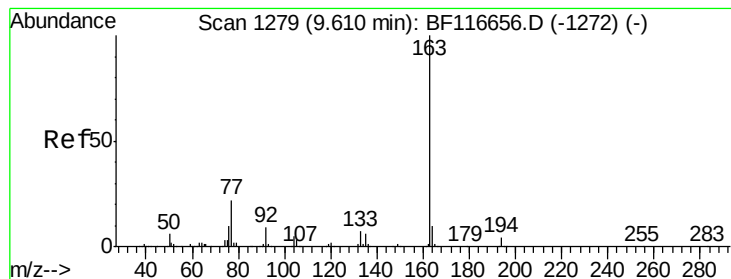
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.639 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF116934.D

Acq: 10 Sep 2019 21:08

Instrument :

BNA_F

ClientSampleId :

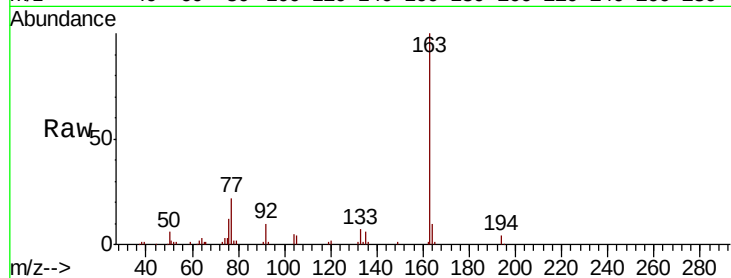
Tot Ion:163 Resp: 100983

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

164 10.3 8.6 12.8

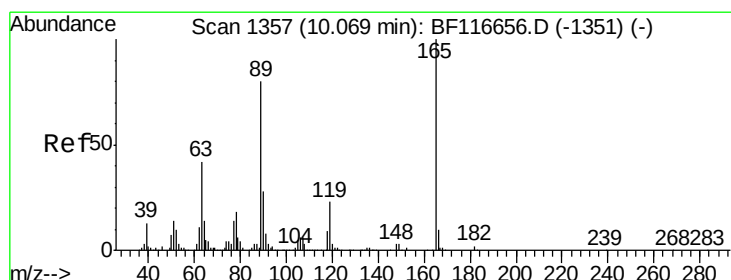
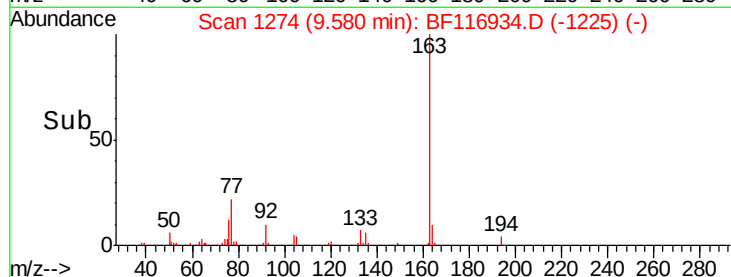
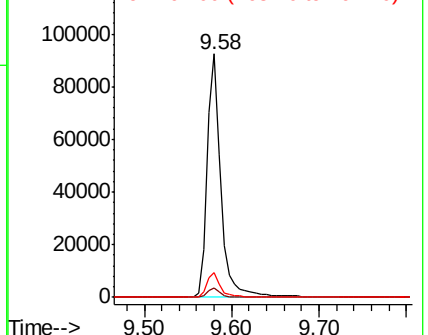


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 7.881 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.19 min

Lab File: BF116934.D

Acq: 10 Sep 2019 21:08

Tgt Ion:165 Resp: 21491

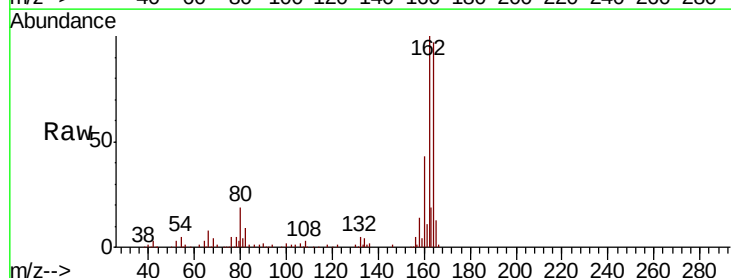
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 62.6 94.0#

182 0.0 2.1 3.1#



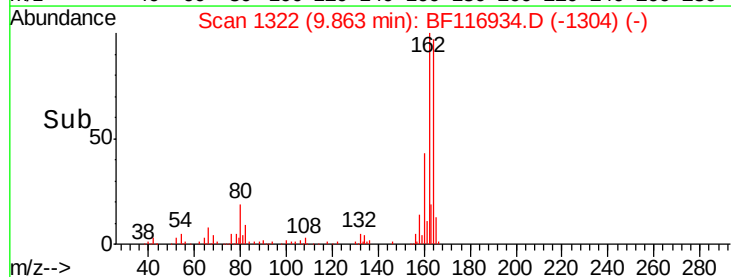
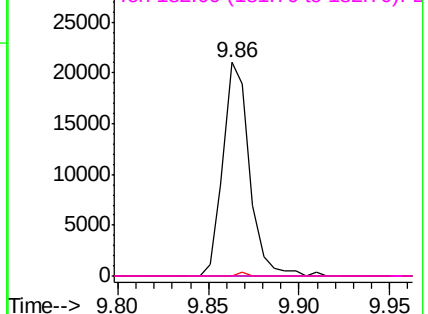
Abundance

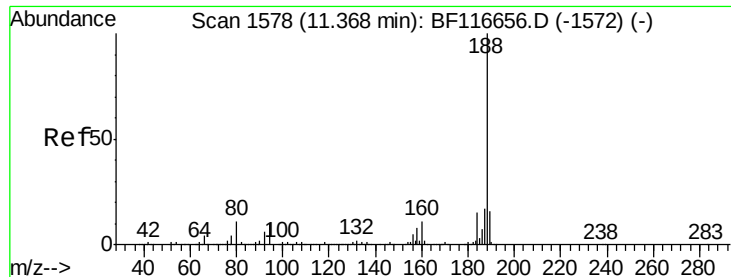
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

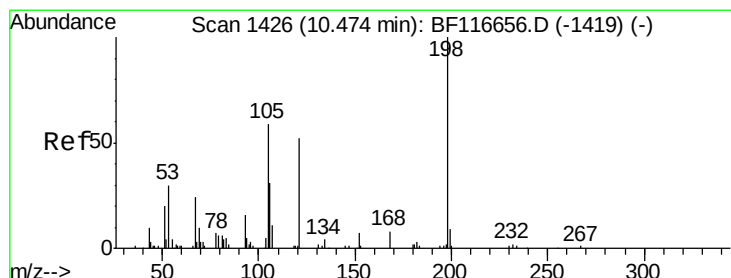
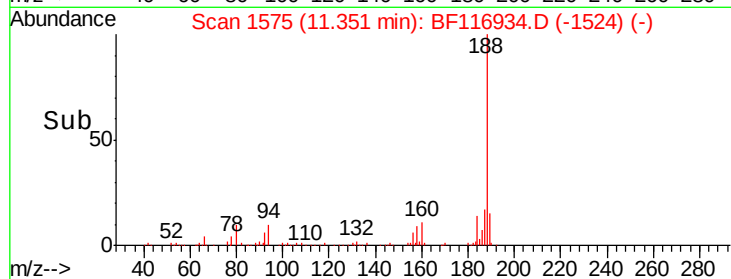
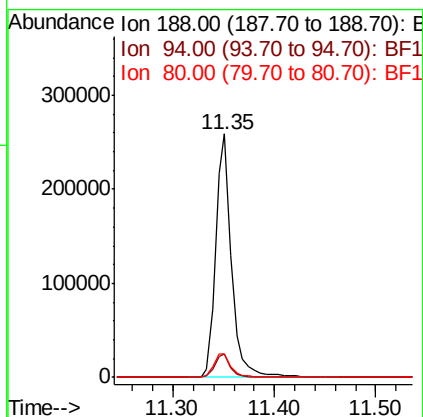
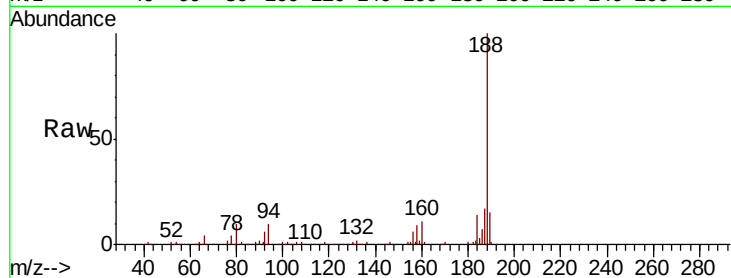




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF116934.D
Acq: 10 Sep 2019 21:08

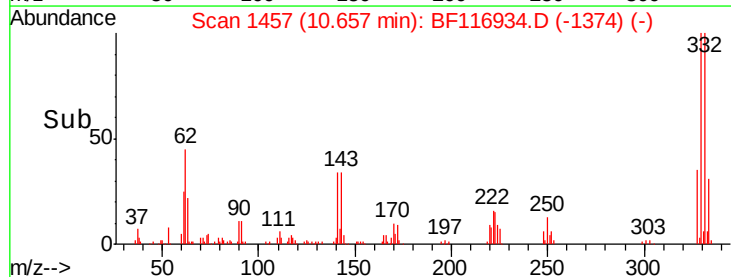
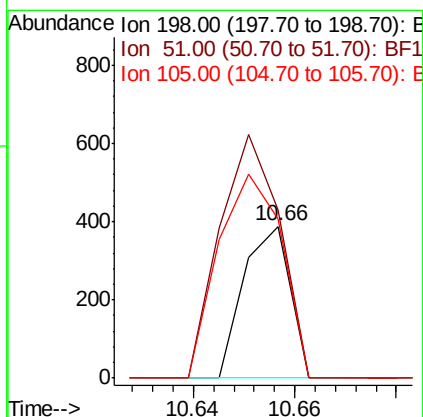
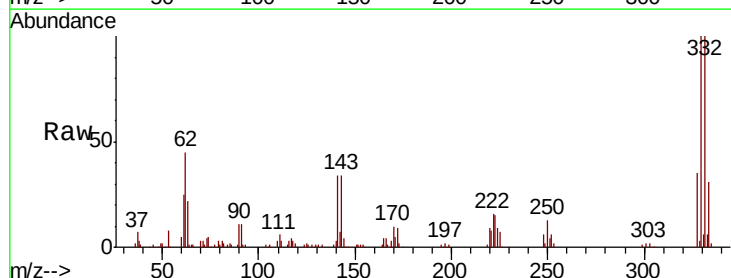
Instrument :
BNA_F
ClientSampleId :

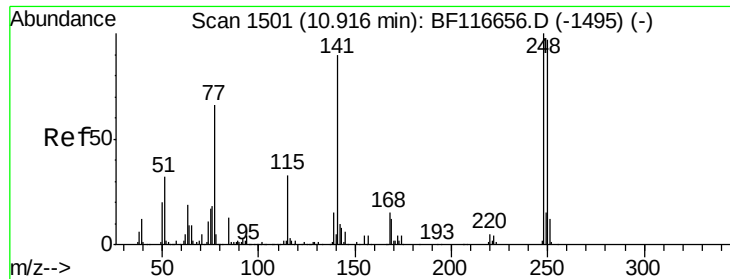
Tot Ion:188 Resp: 279526
Ion Ratio Lower Upper
188 100
94 9.9 7.3 10.9
80 9.7 8.4 12.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.653 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.19 min
Lab File: BF116934.D
Acq: 10 Sep 2019 21:08

Tgt Ion:198 Resp: 246
Ion Ratio Lower Upper
198 100
51 110.8 18.4 58.4#
105 104.6 22.9 62.9#

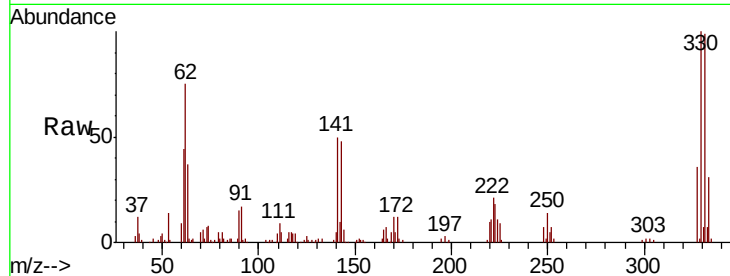




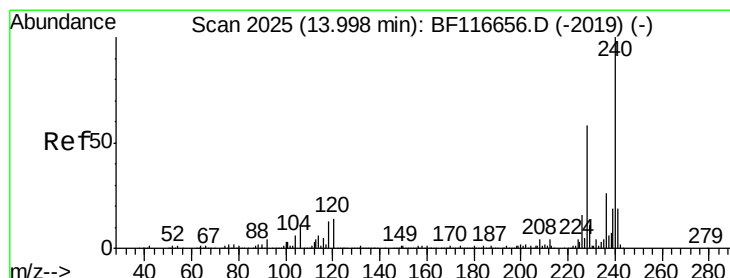
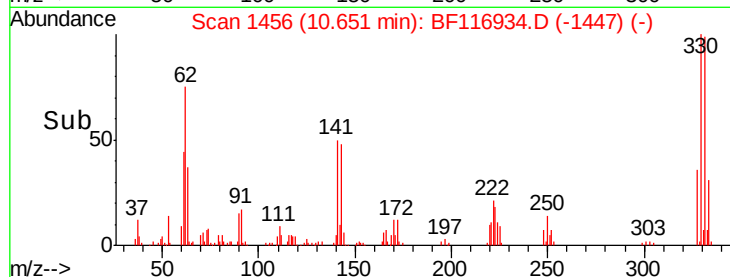
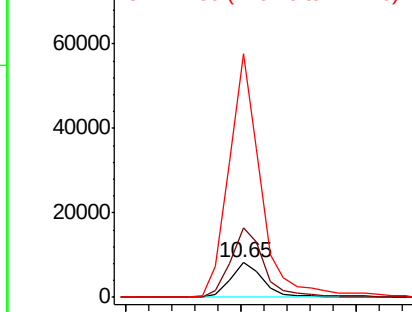
#67
 4-Bromophenyl-phenylether
 Concen: 2.843 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.25 min
 Lab File: BF116934.D
 Acq: 10 Sep 2019 21:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8073
 Ion Ratio Lower Upper
 248 100
 250 201.1 77.8 116.8#
 141 705.6 75.9 113.9#

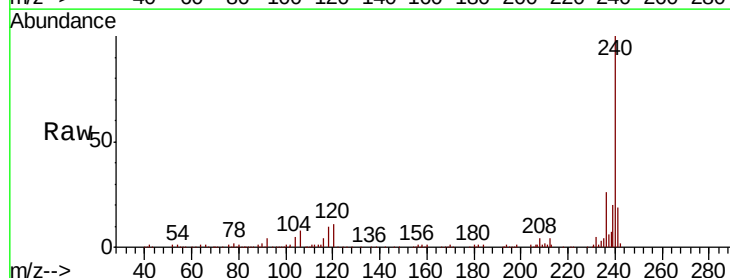


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

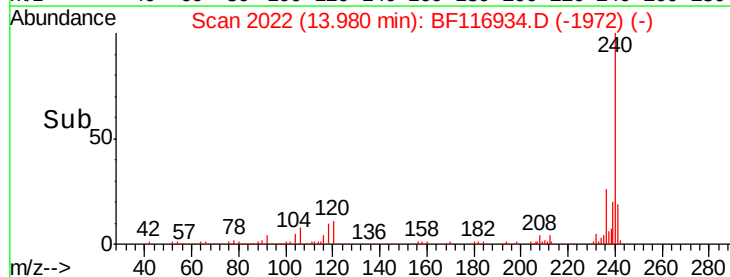
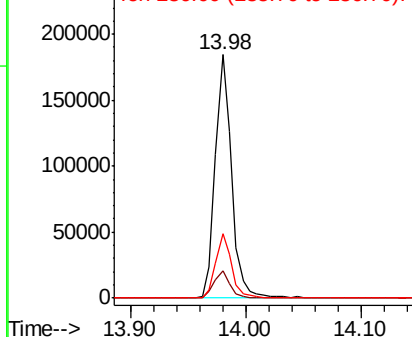


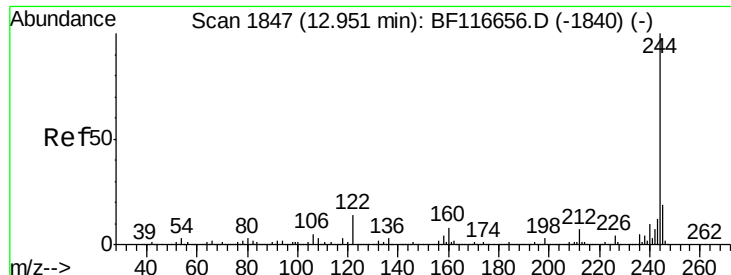
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF116934.D
 Acq: 10 Sep 2019 21:08

Tgt Ion:240 Resp: 180984
 Ion Ratio Lower Upper
 240 100
 120 11.2 9.1 13.7
 236 26.3 21.1 31.7



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

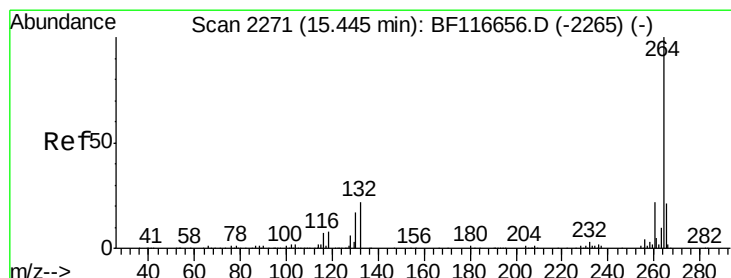
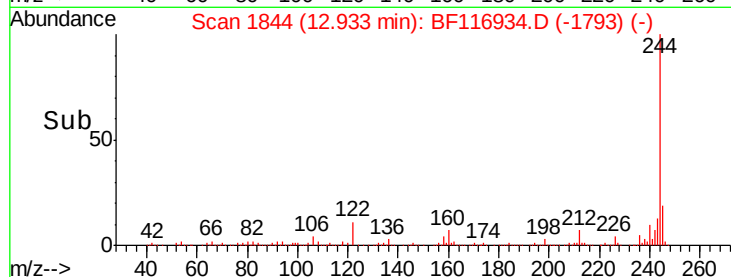
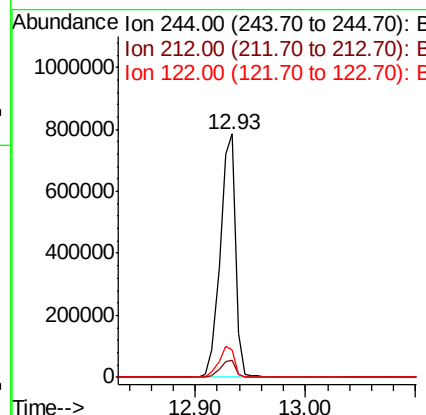
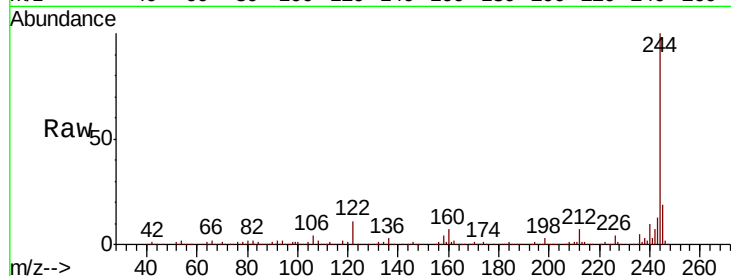




#79
 Terphenyl-d14
 Concen: 76.824 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF116934.D
 Acq: 10 Sep 2019 21:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	11.0	10.2	15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF116934.D
 Acq: 10 Sep 2019 21:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.3	27.5
265	22.4	16.5	24.7

