

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
 Data File : BF116551.D
 Acq On : 26 Aug 2019 2:47
 Operator : HP/JU
 Sample : K4450-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 06:32:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

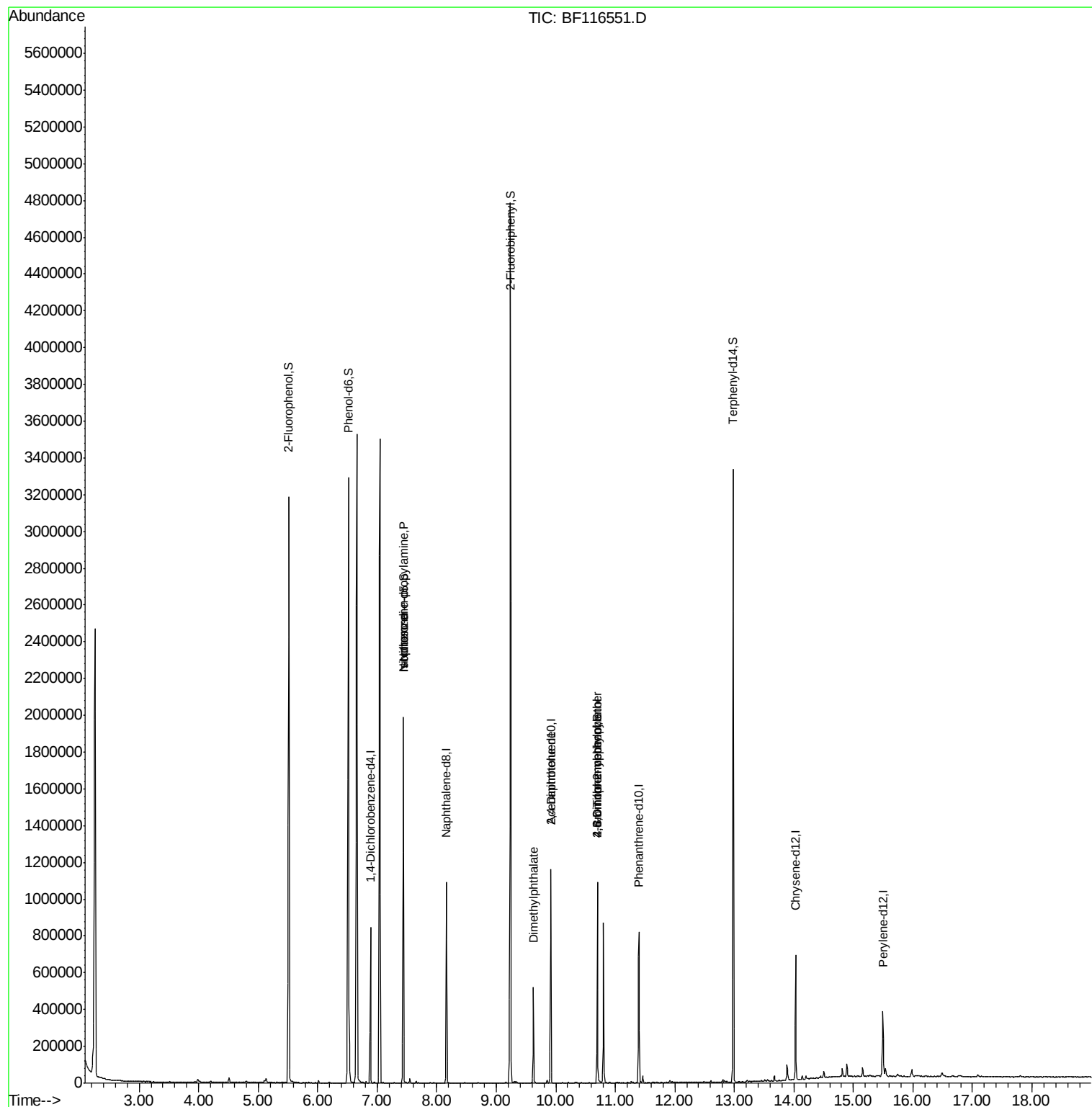
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	132575	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	480312	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	213371	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	282746	20.00	ng	0.00
76) Chrysene-d12	14.03	240	199625	20.00	ng	0.00
87) Perylene-d12	15.50	264	169083	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	966040	106.47	ng	0.02
7) Phenol-d6	6.52	99	1276877	114.77	ng	0.01
23) Nitrobenzene-d5	7.44	82	798144	90.91	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	112834	61.59	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1501028	113.29	ng	0.00
79) Terphenyl-d14	12.98	244	1111641	104.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	107926	14.217	ng	# 78
25) Isophorone	7.44	82	796421	46.033	ng	# 67
50) Dimethylphthalate	9.63	163	213425	14.336	ng	# 99
57) 2,4-Dinitrotoluene	9.92	165	27111	6.992	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.70	198	119	7.093	ng	# 1
67) 4-Bromophenyl-phenylether	10.70	248	7056	2.380	ng	# 1

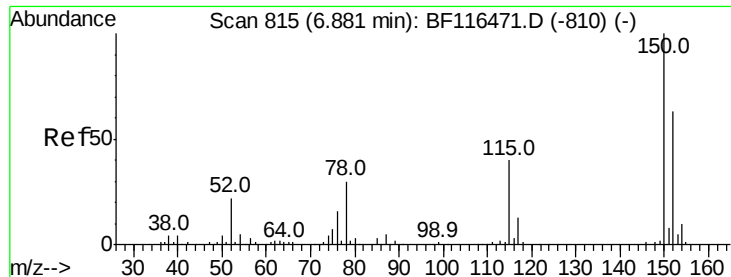
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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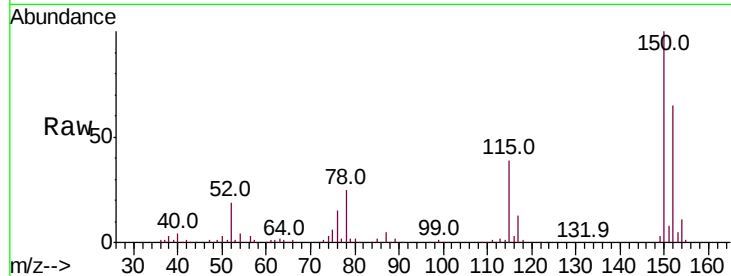




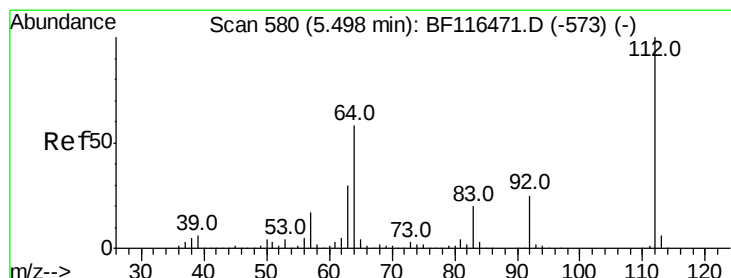
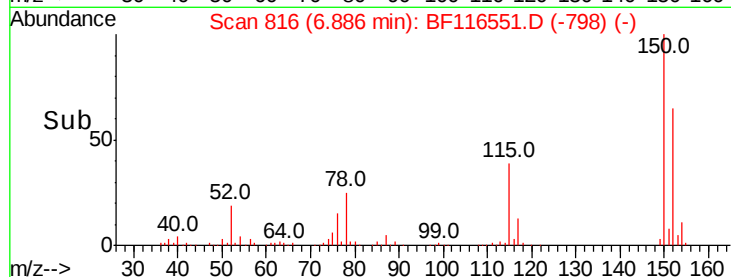
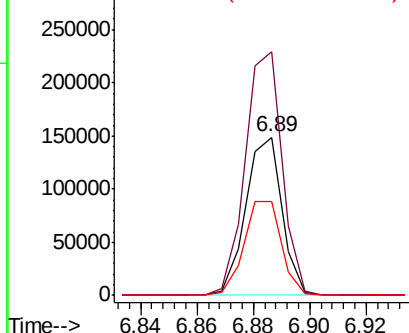
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BF116551.D
 Acq: 26 Aug 2019 2:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 132575
 Ion Ratio Lower Upper
 152 100
 150 153.7 126.7 190.1
 115 59.4 50.9 76.3

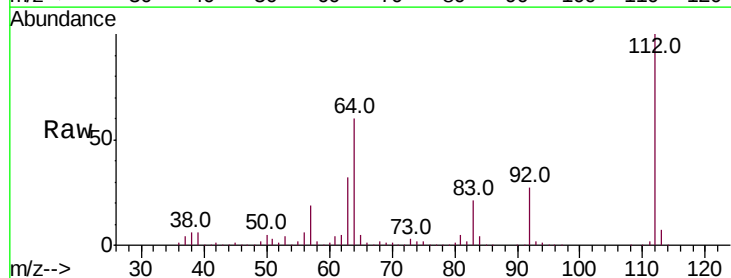


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

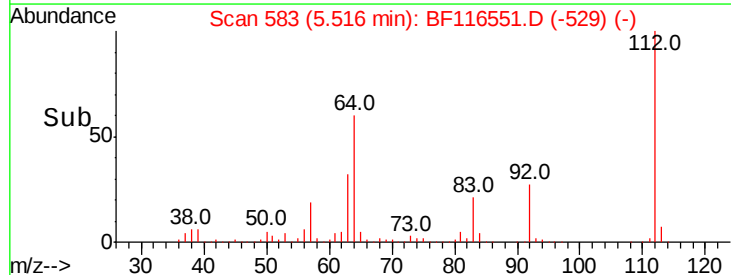
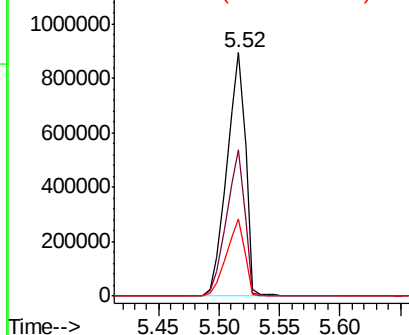


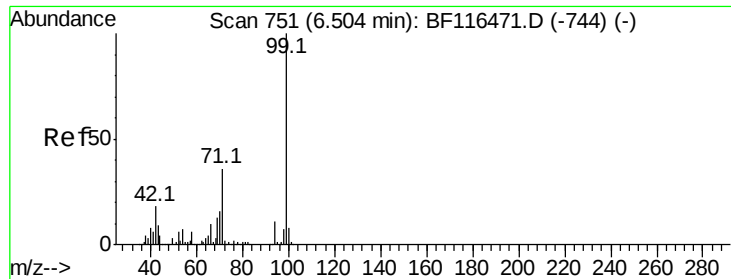
#5
 2-Fluorophenol
 Concen: 106.470 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.02 min
 Lab File: BF116551.D
 Acq: 26 Aug 2019 2:47

Tgt Ion:112 Resp: 966040
 Ion Ratio Lower Upper
 112 100
 64 59.9 46.3 69.5
 63 31.7 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: 114.773 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116551.D

Acq: 26 Aug 2019 2:47

Instrument :

BNA_F

ClientSampleId :

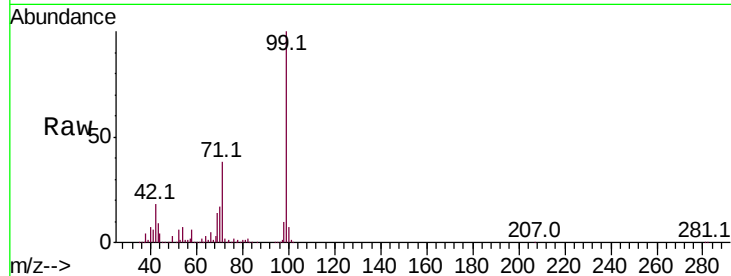
Tot Ion: 99 Resp: 1276877

Ion Ratio Lower Upper

99 100

42 18.0 14.6 21.8

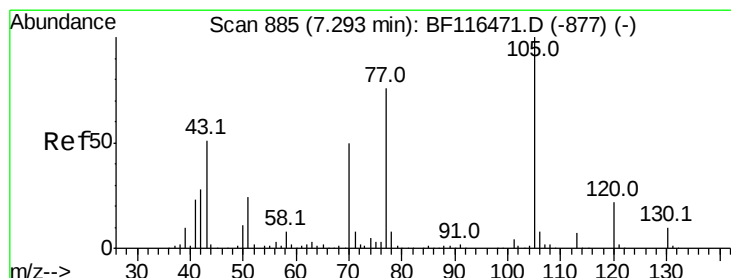
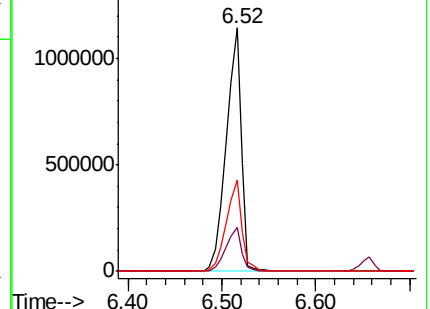
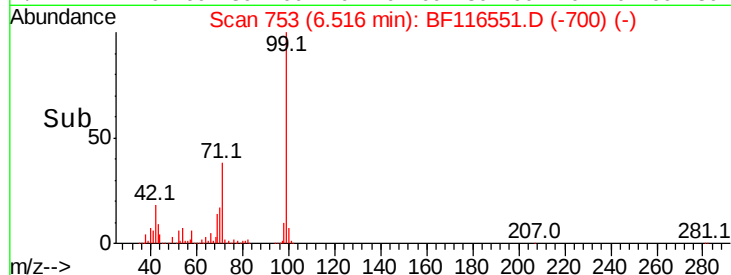
71 37.7 28.5 42.7



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: 14.217 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF116551.D

Acq: 26 Aug 2019 2:47

Tgt Ion: 70 Resp: 107926

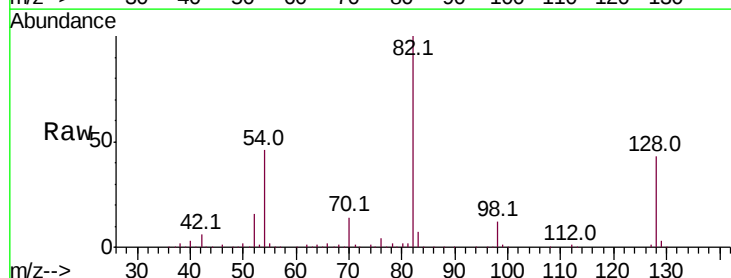
Ion Ratio Lower Upper

70 100

42 44.6 44.4 66.6

101 0.0 7.1 10.7#

130 2.0 15.8 23.8#

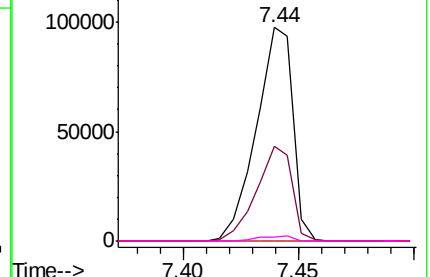
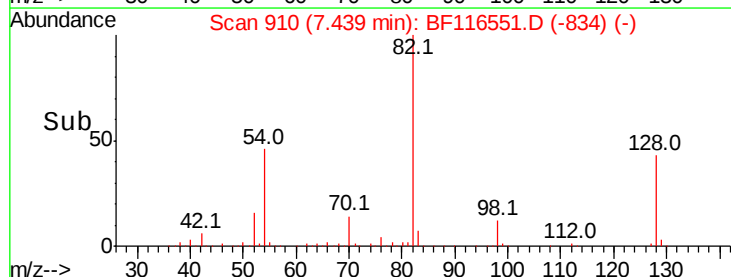


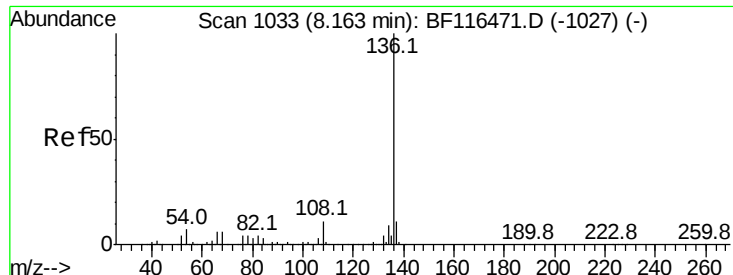
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

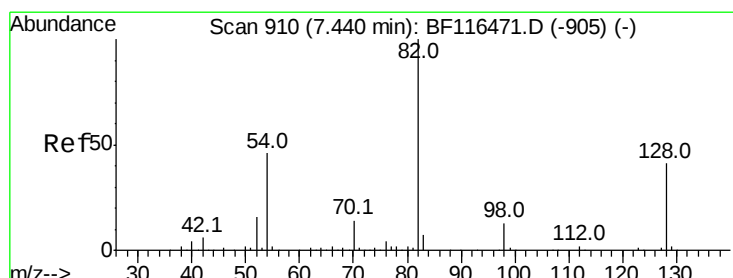
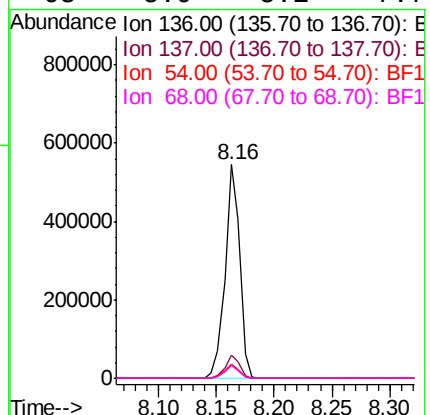
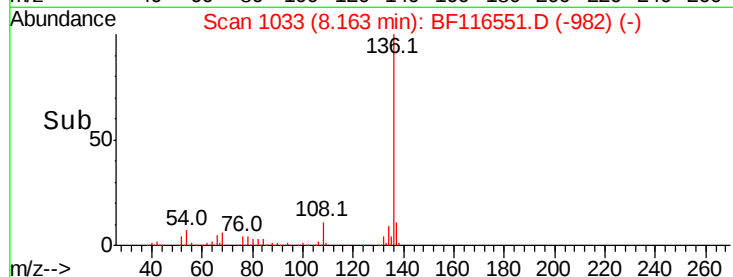
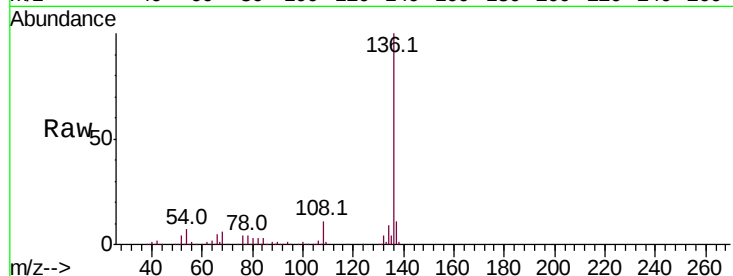




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116551.D
Acq: 26 Aug 2019 2:47

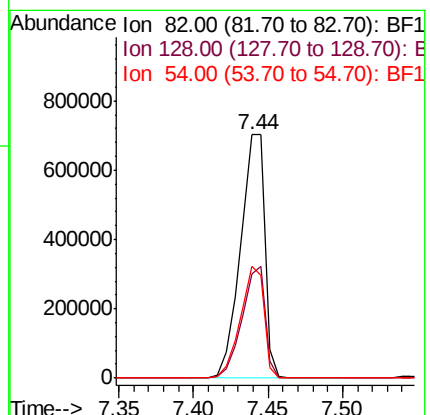
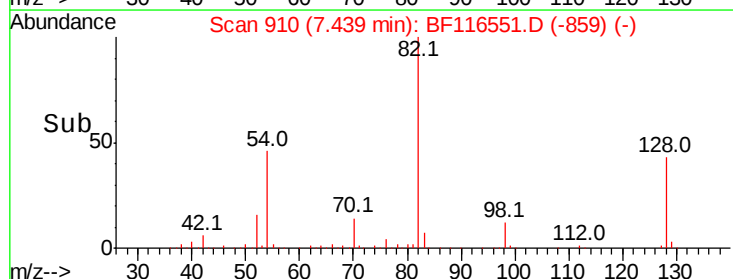
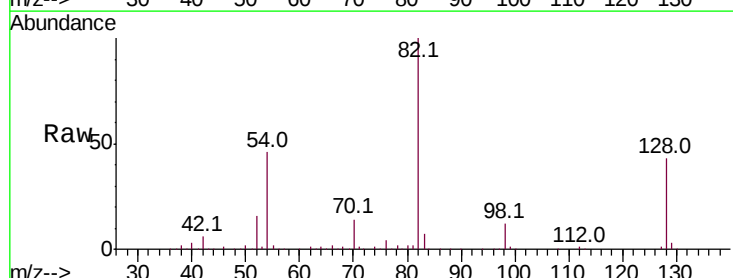
Instrument :
BNA_F
ClientSampleId :

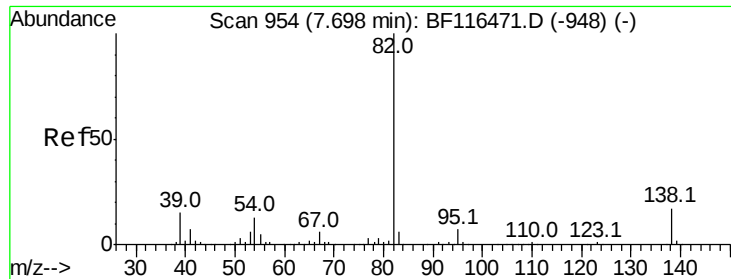
Tot Ion:136	Resp:	480312
Ion Ratio	Lower	Upper
136 100		
137 10.9	9.0	13.4
54 6.8	5.8	8.6
68 5.9	5.1	7.7



#23
Nitrobenzene-d5
Concen: 90.913 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF116551.D
Acq: 26 Aug 2019 2:47

Tgt Ion: 82	Resp:	798144
Ion Ratio	Lower	Upper
82 100		
128 42.9	32.2	48.4
54 46.1	36.5	54.7





#25

Isophorone

Concen: 46.033 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF116551.D

Acq: 26 Aug 2019 2:47

Instrument :

BNA_F

ClientSampled :

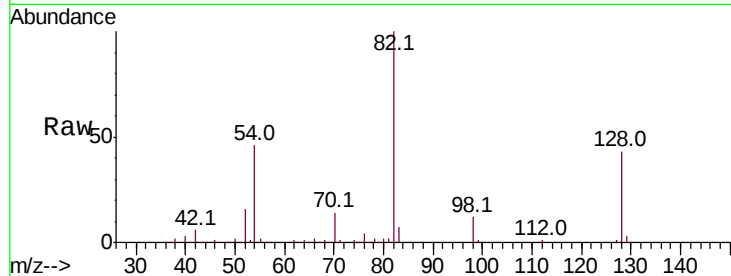
Tot Ion: 82 Resp: 796421

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

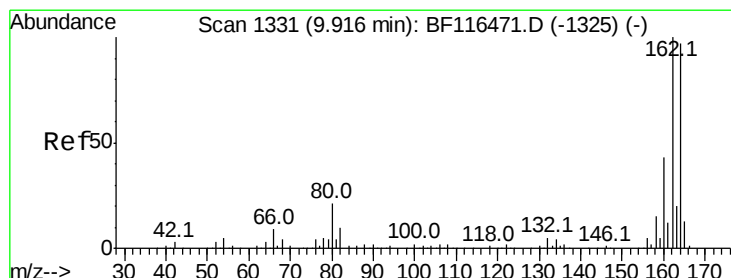
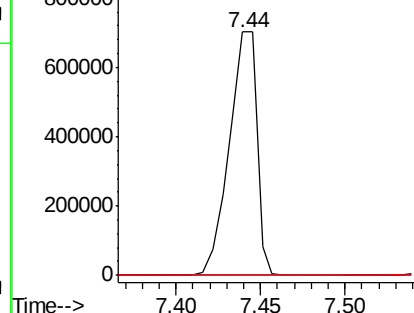
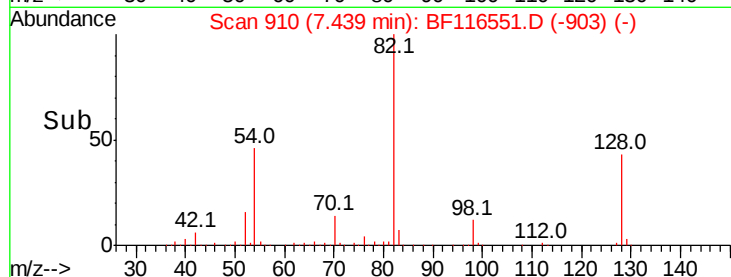
138 0.0 13.3 19.9#



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: 9.92 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BF116551.D

Acq: 26 Aug 2019 2:47

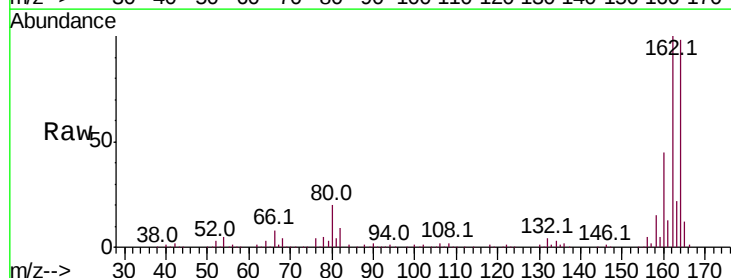
Tgt Ion: 164 Resp: 213371

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

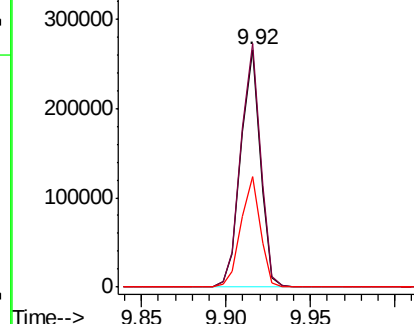
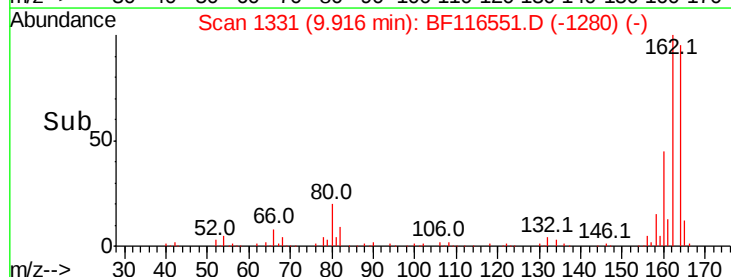
160 46.5 35.8 53.8

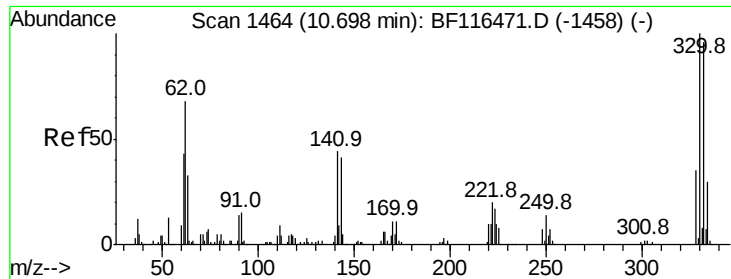


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

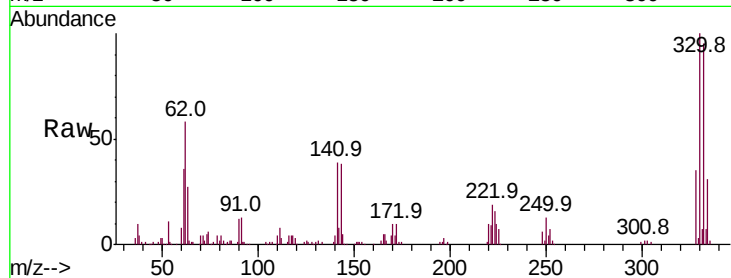




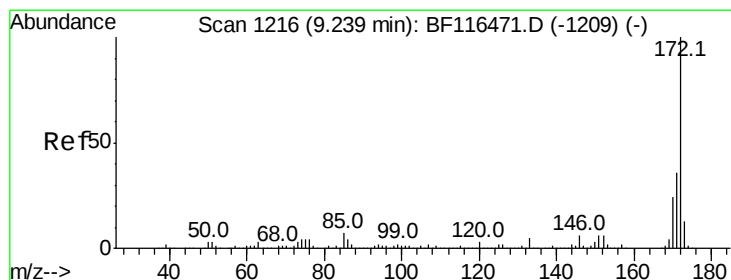
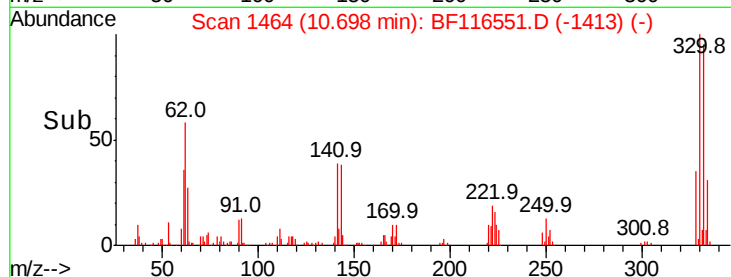
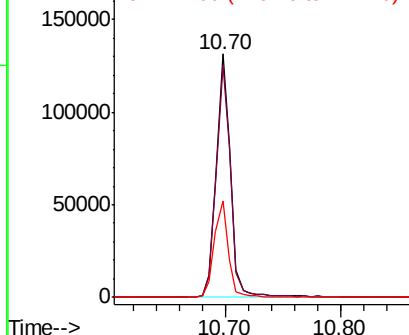
#42
 2,4,6-Tribromophenol
 Concen: 61.585 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116551.D
 Acq: 26 Aug 2019 2:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.2	115.8
141	39.2	33.3	49.9

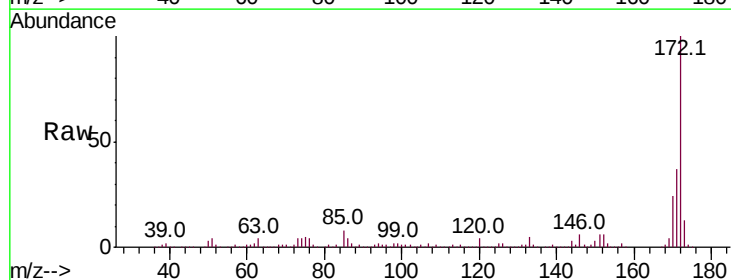


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

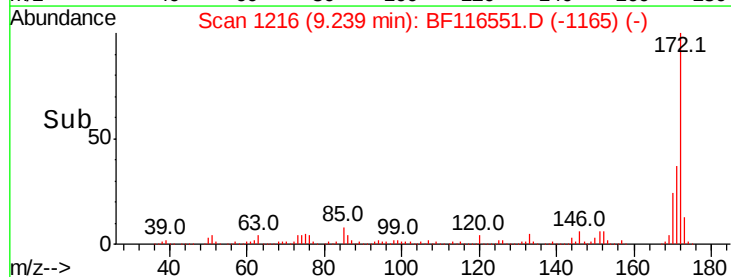
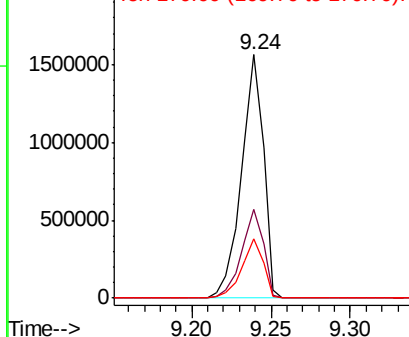


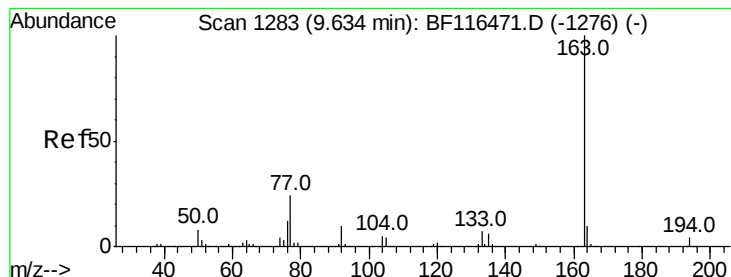
#45
 2-Fluorobiphenyl
 Concen: 113.289 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF116551.D
 Acq: 26 Aug 2019 2:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	24.2	19.4	29.0



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: 14.336 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF116551.D

Acq: 26 Aug 2019 2:47

Instrument :

BNA_F

ClientSampleId :

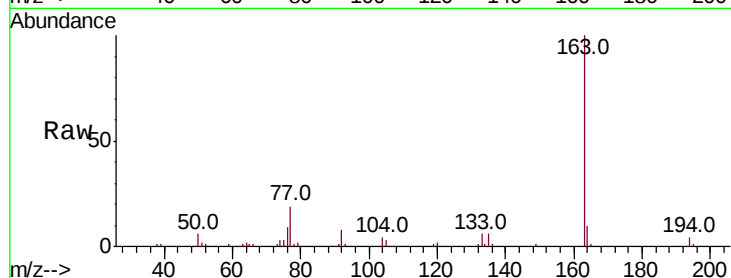
Tot Ion:163 Resp: 213425

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

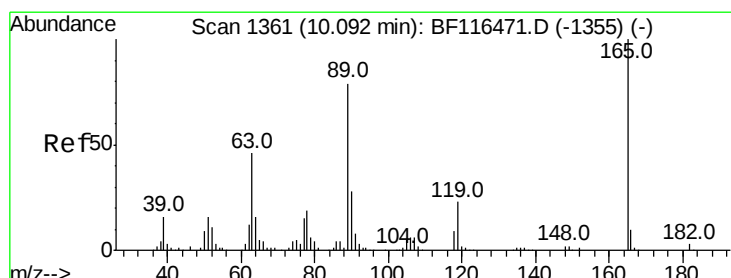
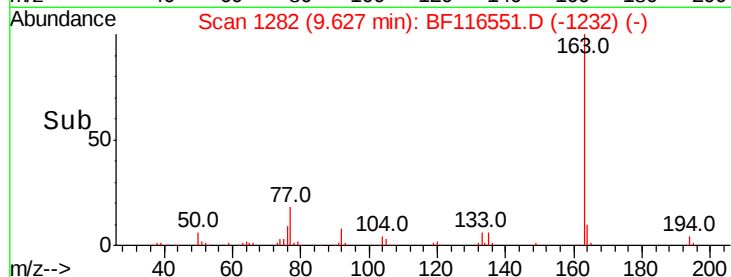
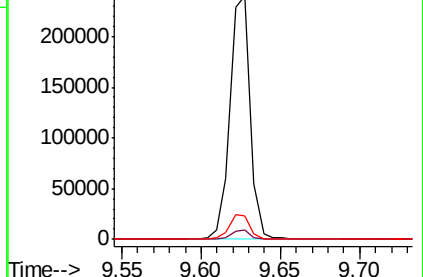
164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 6.992 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.18 min

Lab File: BF116551.D

Acq: 26 Aug 2019 2:47

Tgt Ion:165 Resp: 27111

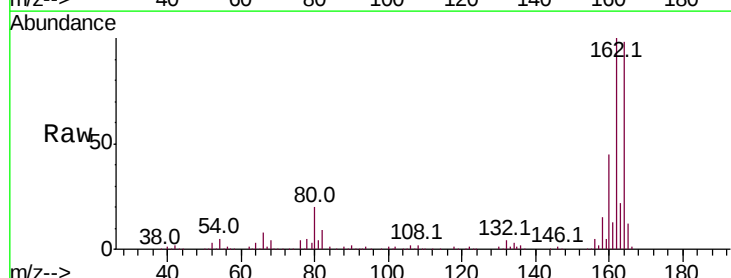
Ion Ratio Lower Upper

165 100

63 1.0 36.9 55.3#

89 1.4 63.4 95.0#

182 0.0 2.1 3.1#

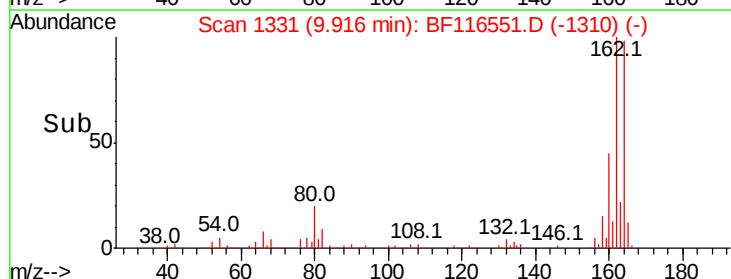
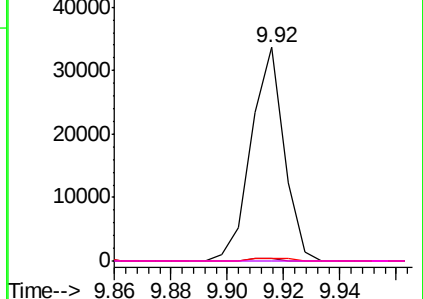


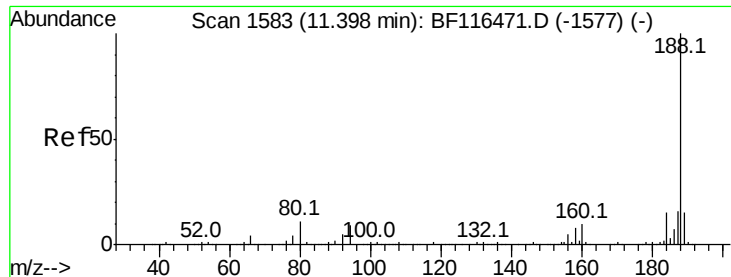
Abundance Ion 165.00 (164.70 to 165.70): E

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

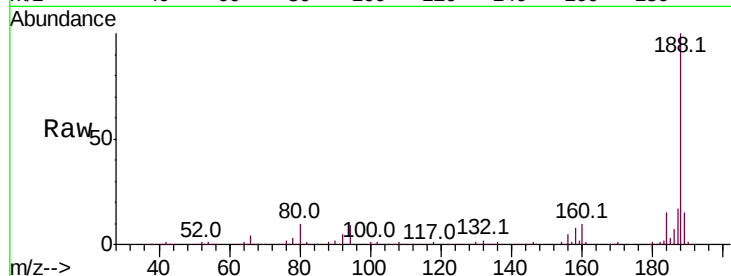




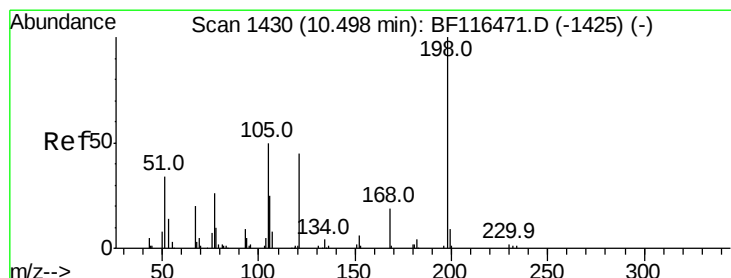
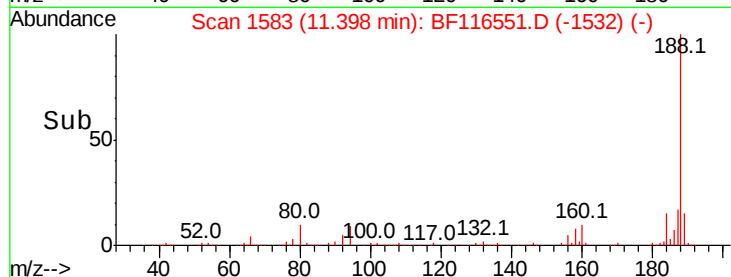
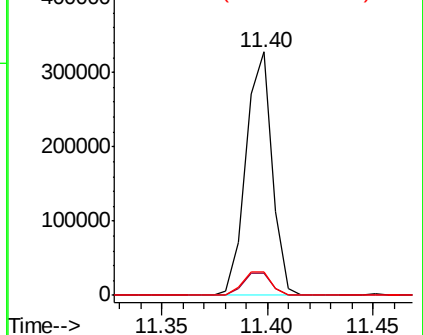
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116551.D
Acq: 26 Aug 2019 2:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.4	11.2
80	9.7	8.6	12.8

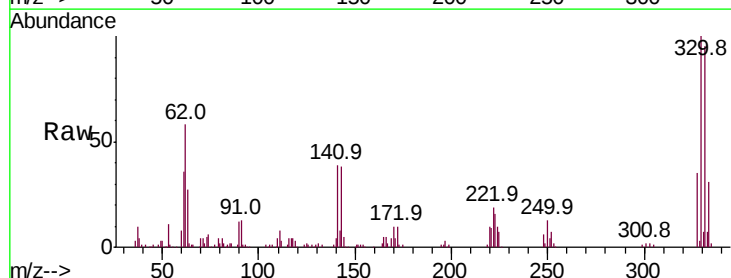


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

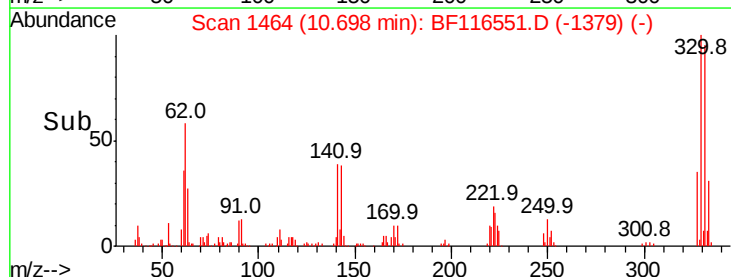
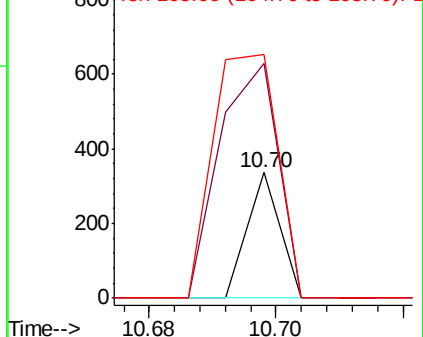


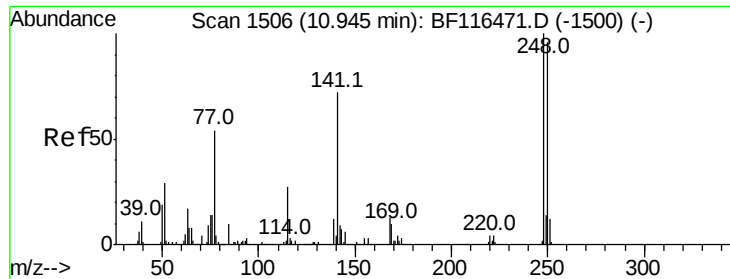
#65
4,6-Dinitro-2-methylphenol
Concen: 7.093 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.20 min
Lab File: BF116551.D
Acq: 26 Aug 2019 2:47

Tgt Ion	Ratio	Lower	Upper
198	100		
51	186.9	30.4	70.4#
105	193.8	32.8	72.8#



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

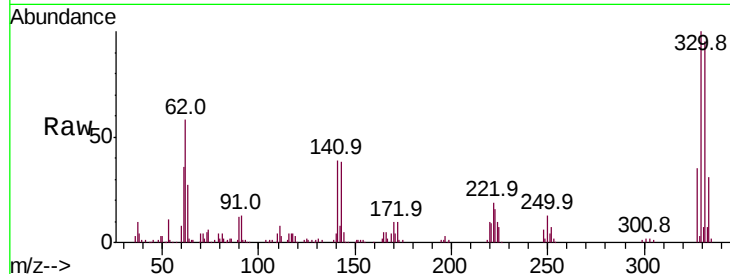




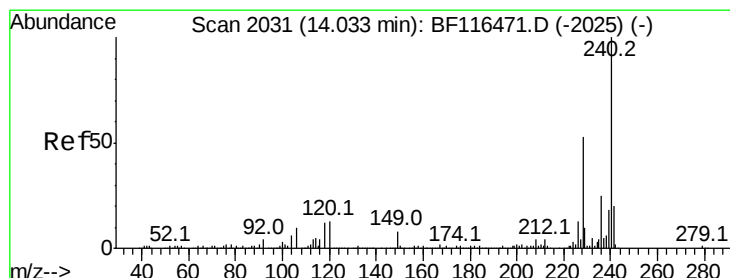
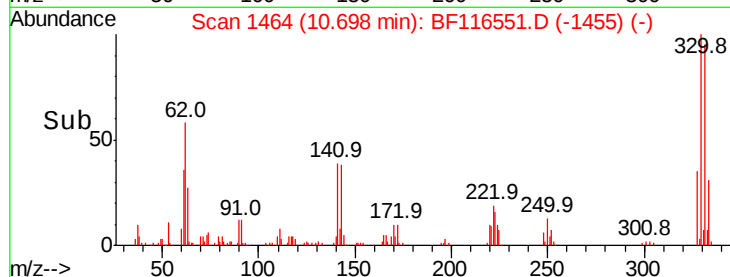
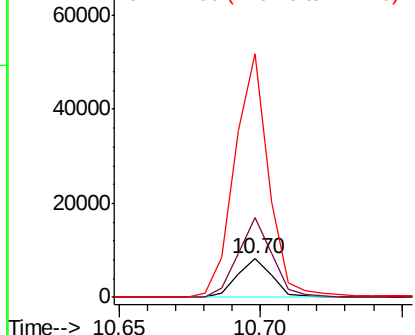
#67
 4-Bromophenyl-phenylether
 Concen: 2.380 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.25 min
 Lab File: BF116551.D
 Acq: 26 Aug 2019 2:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 7056
 Ion Ratio Lower Upper
 248 100
 250 206.6 77.0 115.6#
 141 630.7 57.4 86.0#

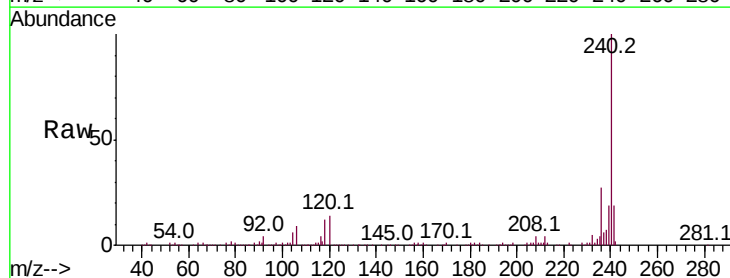


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

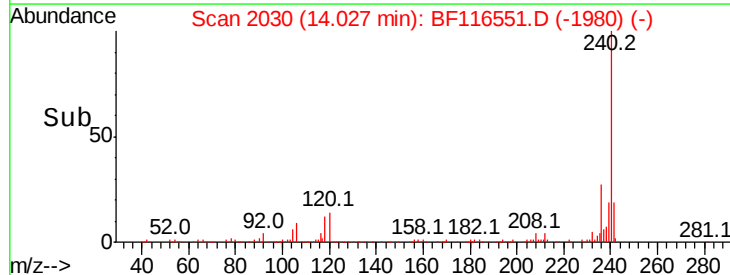
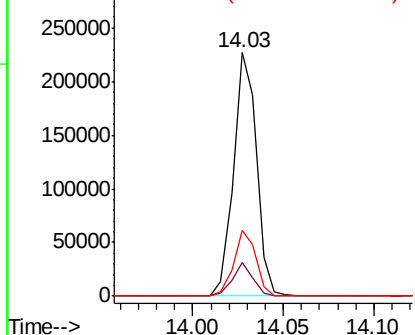


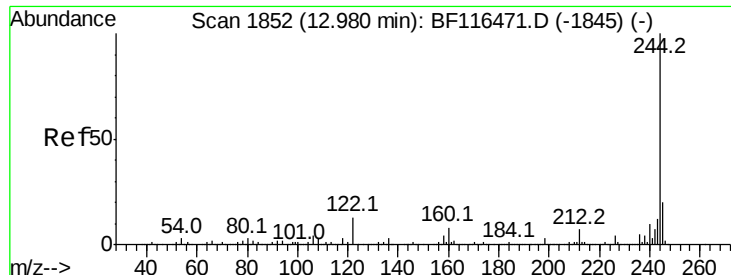
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116551.D
 Acq: 26 Aug 2019 2:47

Tgt Ion:240 Resp: 199625
 Ion Ratio Lower Upper
 240 100
 120 13.6 10.5 15.7
 236 27.1 20.2 30.2



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





#79

Terphenyl-d14

Concen: 104.017 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116551.D

Acq: 26 Aug 2019 2:47

Instrument :

BNA_F

ClientSampleId :

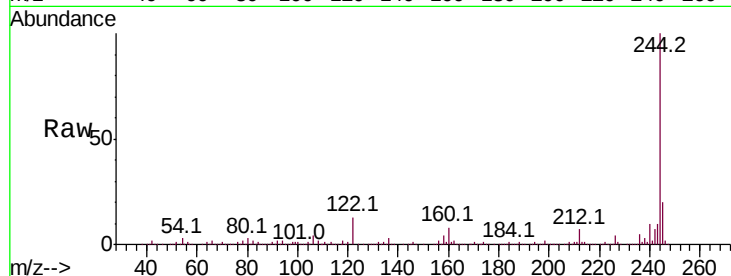
Tot Ion:244 Resp: 1111641

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

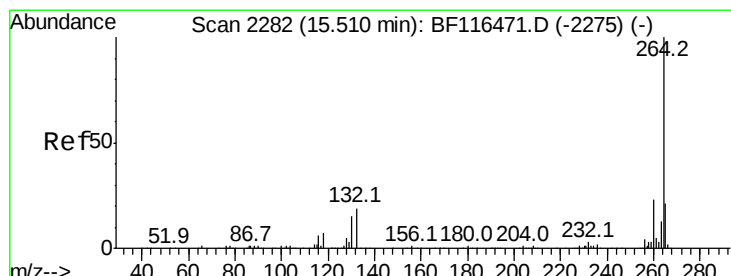
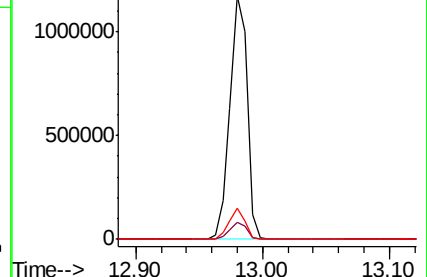
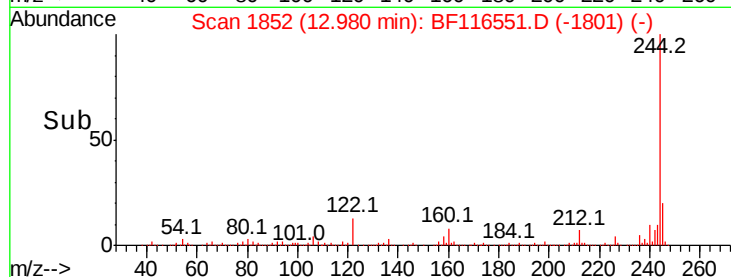
122 12.8 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF116551.D

Acq: 26 Aug 2019 2:47

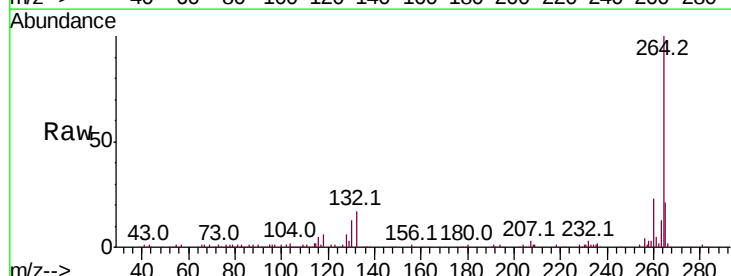
Tgt Ion:264 Resp: 169083

Ion Ratio Lower Upper

264 100

260 22.9 18.8 28.2

265 21.3 17.1 25.7



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

