

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116517.D
 Acq On : 24 Aug 2019 12:19
 Operator : HP/JU
 Sample : K4490-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 02:08:00 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

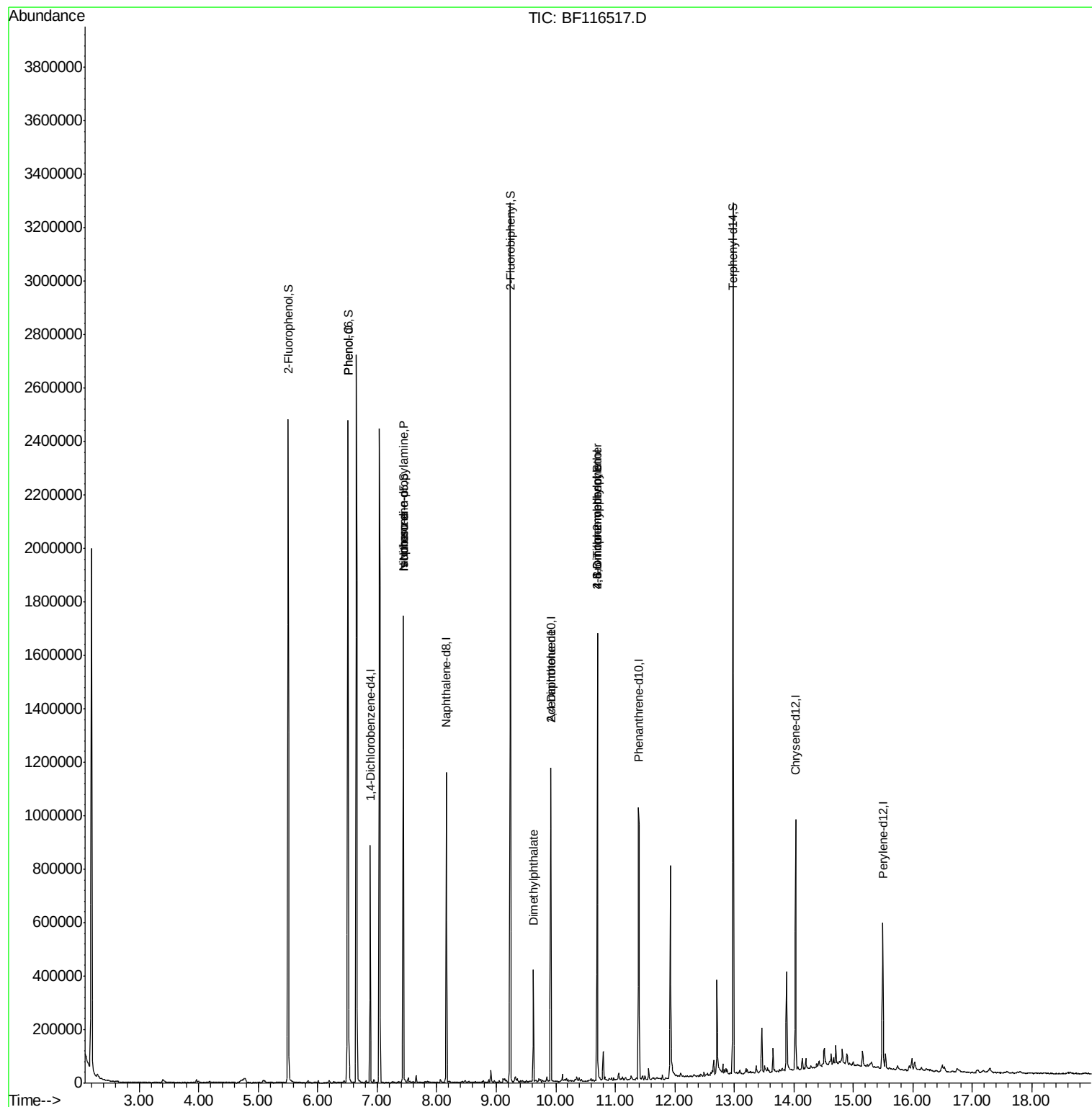
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	128200	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	465088	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	223616	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	359297	20.00	ng	0.00
76) Chrysene-d12	14.03	240	261626	20.00	ng	0.00
87) Perylene-d12	15.49	264	240736	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	678011	77.28	ng	0.00
7) Phenol-d6	6.51	99	912700	84.84	ng	0.00
23) Nitrobenzene-d5	7.44	82	541620	63.71	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	174326	90.79	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1045391	75.29	ng	0.00
79) Terphenyl-d14	12.98	244	1023026	73.04	ng	0.00
Target Compounds						
10) Phenol	6.52	94	37538	3.213	ng	85
19) n-Nitroso-di-n-propylamine	7.44	70	73472	10.009	ng	# 77
25) Isophorone	7.44	82	541611	32.330	ng	# 67
50) Dimethylphthalate	9.62	163	149417	9.577	ng	99
57) 2,4-Dinitrotoluene	9.92	165	28787	7.084	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.70	198	354	7.210	ng	# 1
67) 4-Bromophenyl-phenylether	10.70	248	11106	2.948	ng	# 1

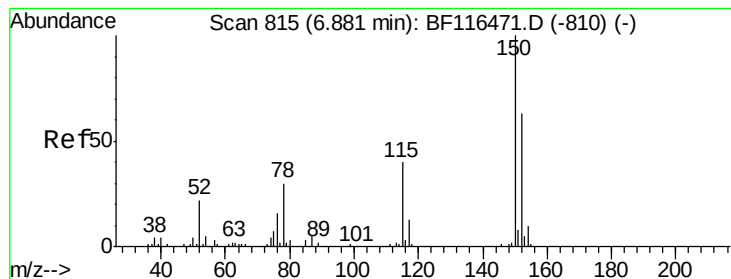
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116517.D
Acq On : 24 Aug 2019 12:19
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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
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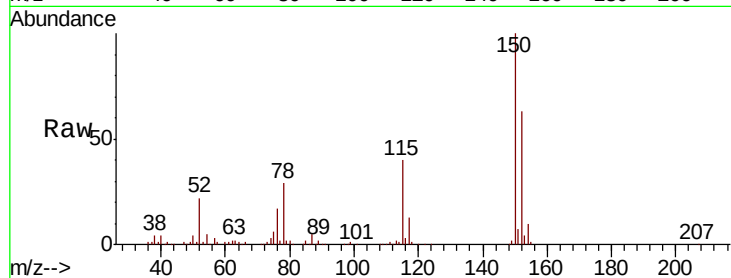


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116517.D
Acq: 24 Aug 2019 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.7	190.1
115	63.6	50.9	76.3

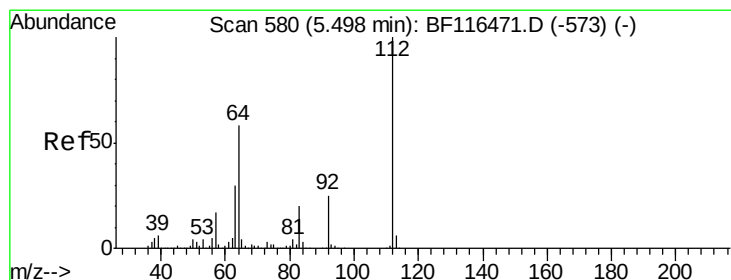
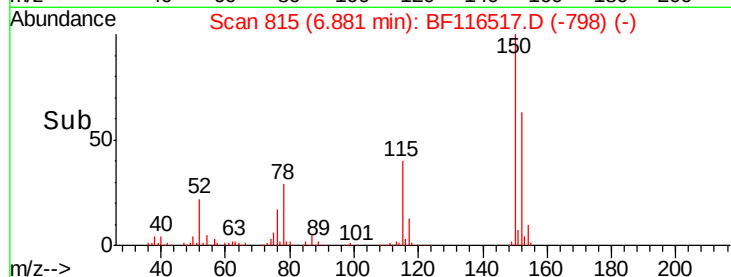
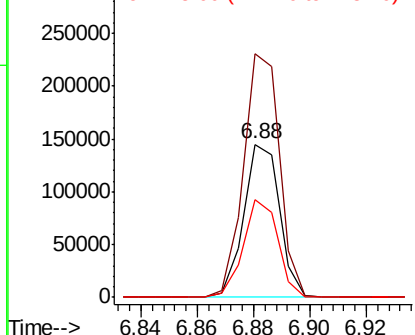


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

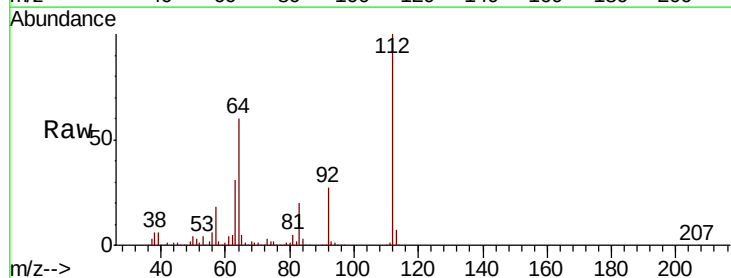
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 77.276 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF116517.D
Acq: 24 Aug 2019 12:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	46.3	69.5
63	30.9	24.2	36.4

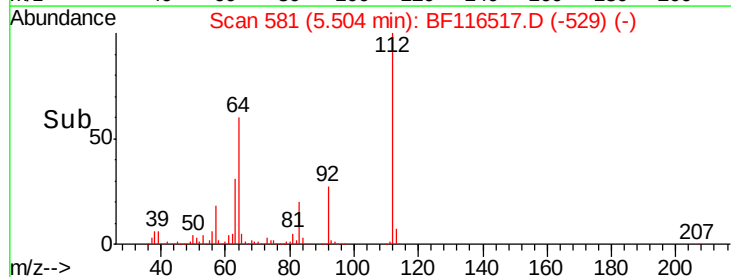
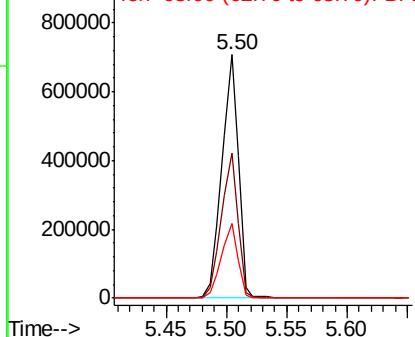


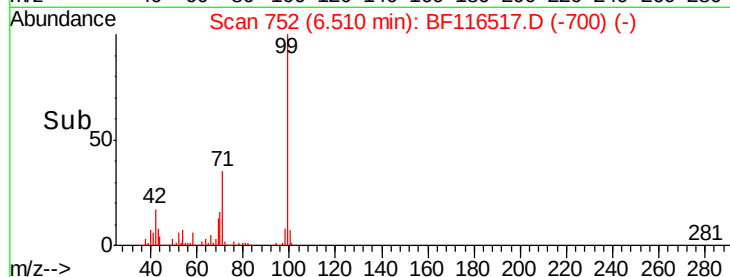
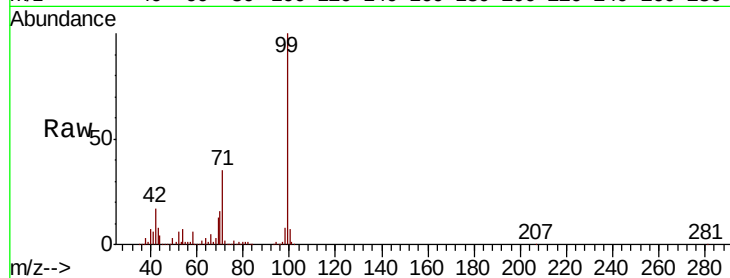
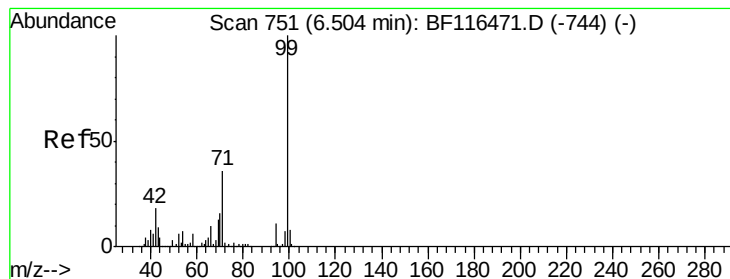
Abundance

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: 84.838 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116517.D

Acq: 24 Aug 2019 12:19

Instrument :

BNA_F

ClientSampled :

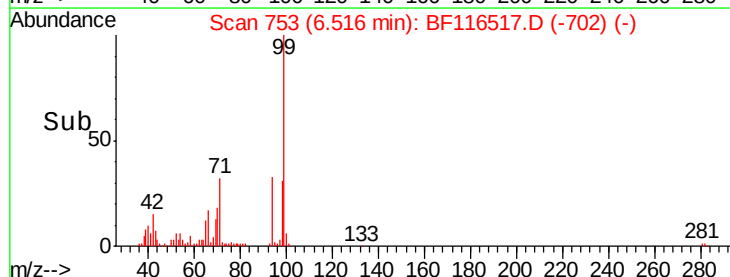
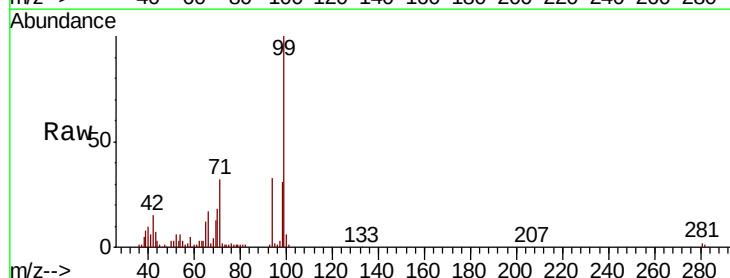
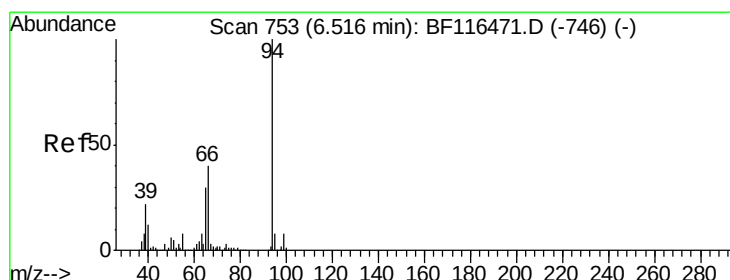
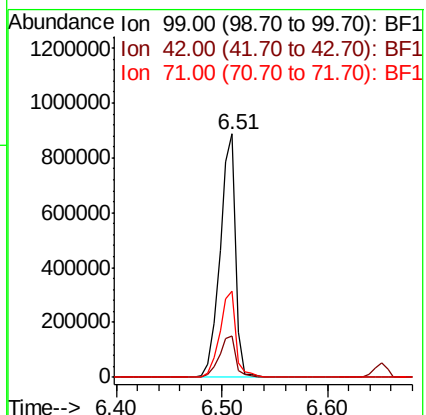
Tot Ion: 99 Resp: 912700

Ion Ratio Lower Upper

99 100

42 16.9 14.6 21.8

71 35.5 28.5 42.7



#10

Phenol

Concen: 3.213 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF116517.D

Acq: 24 Aug 2019 12:19

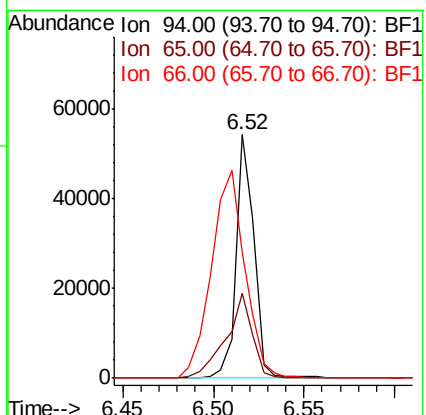
Tgt Ion: 94 Resp: 37538

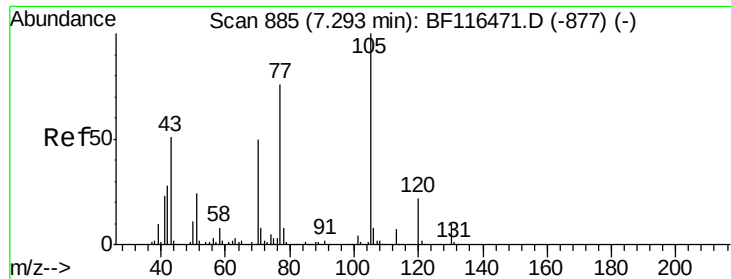
Ion Ratio Lower Upper

94 100

65 34.6 10.0 50.0

66 51.5 19.8 59.8





#19

n-Nitroso-di-n-propylamine

Concen: 10.009 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF116517.D

Acq: 24 Aug 2019 12:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 73472

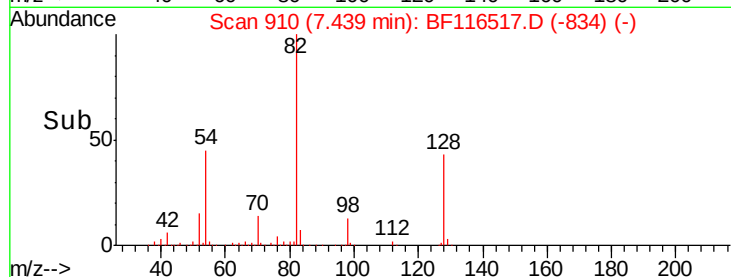
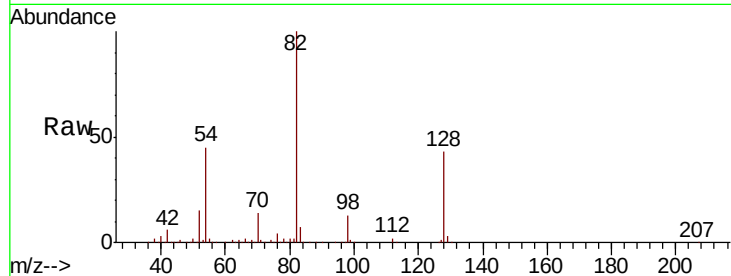
Ion Ratio Lower Upper

70 100

42 43.3 44.4 66.6#

101 0.0 7.1 10.7#

130 1.8 15.8 23.8#

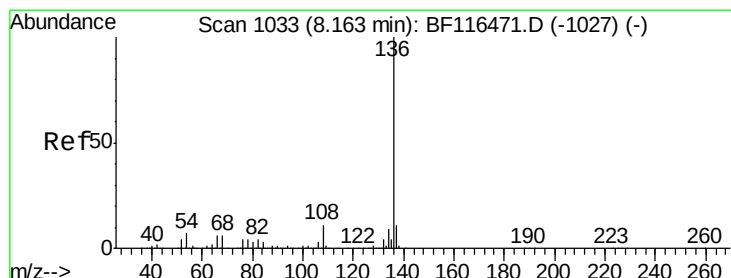
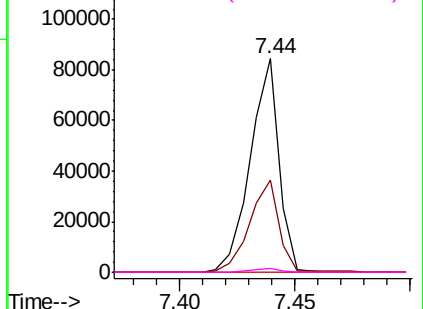


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF116517.D

Acq: 24 Aug 2019 12:19

Tgt Ion:136 Resp: 465088

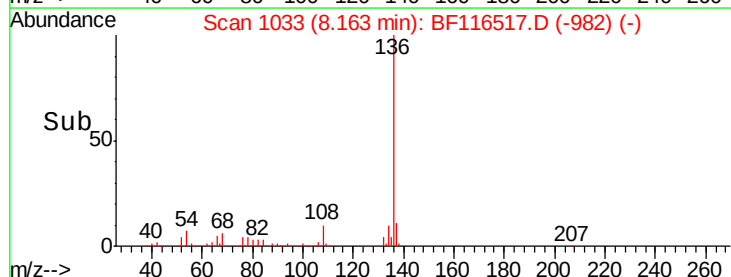
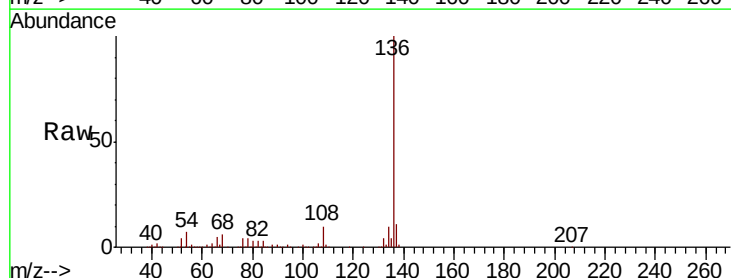
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.9 5.8 8.6

68 6.0 5.1 7.7

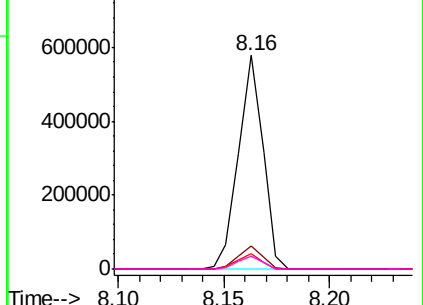


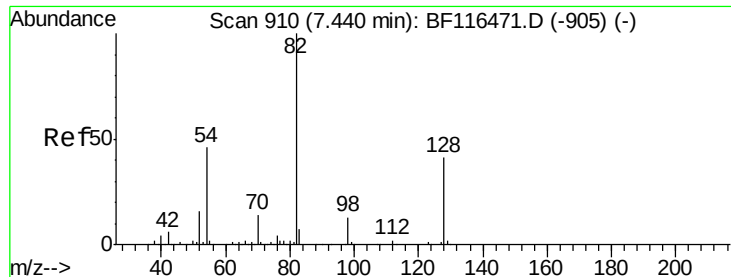
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

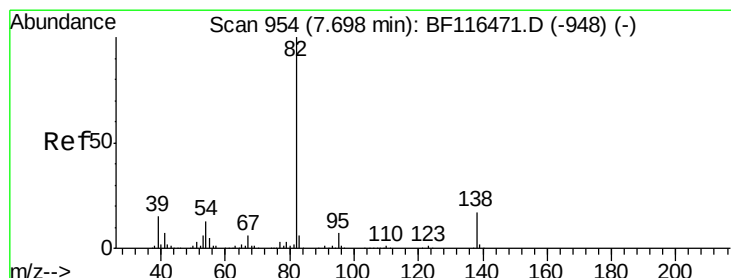
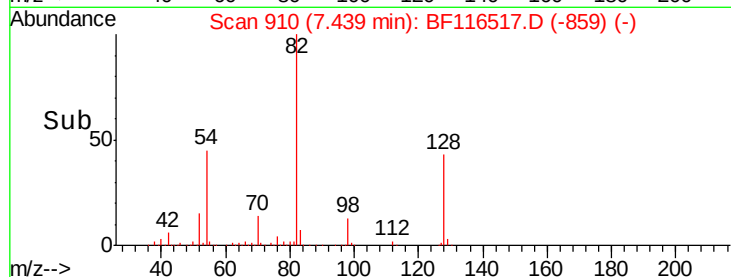
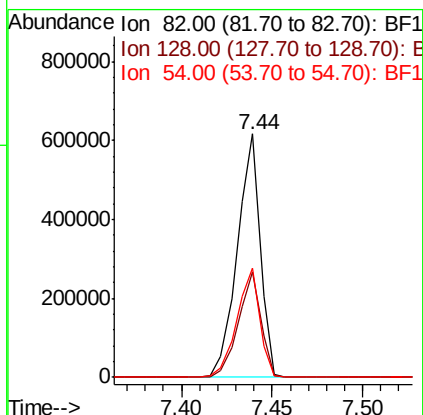
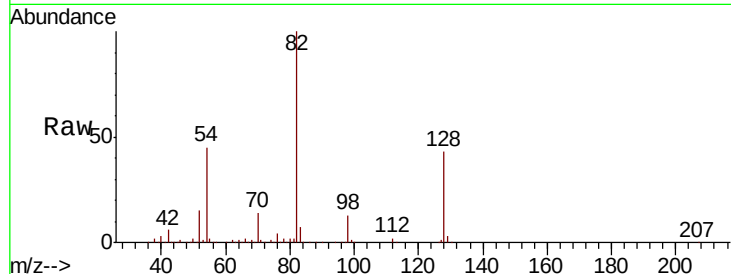




#23
 Nitrobenzene-d5
 Concen: 63.713 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF116517.D
 Acq: 24 Aug 2019 12:19

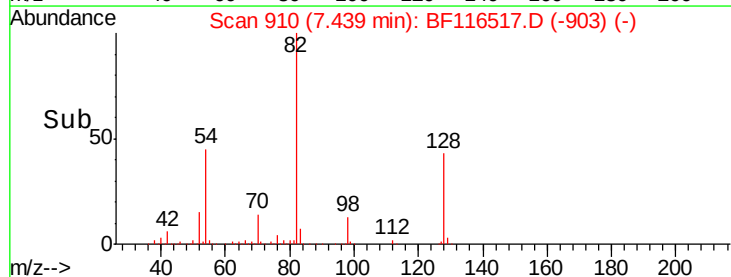
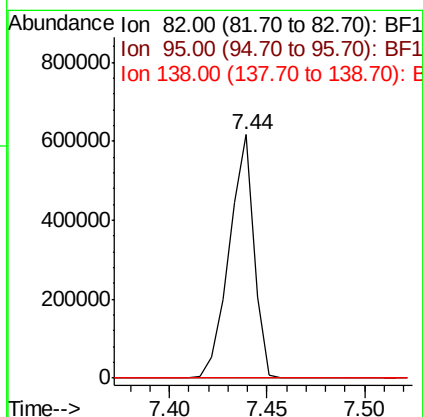
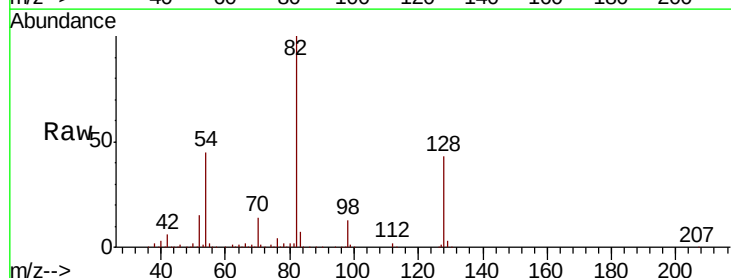
Instrument :
 BNA_F
 ClientSampleId :

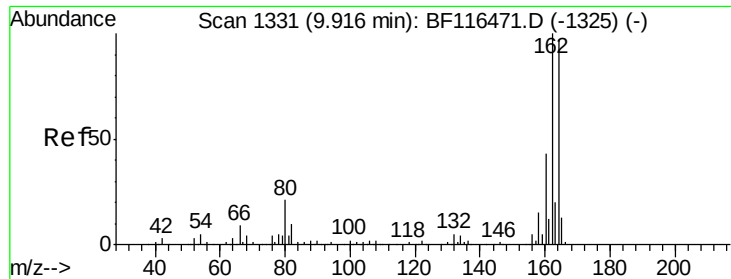
Tot Ion	82	Resp	541620
Ion Ratio	Lower	Upper	
82	100		
128	43.1	32.2	48.4
54	44.8	36.5	54.7



#25
 Isophorone
 Concen: 32.330 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.26 min
 Lab File: BF116517.D
 Acq: 24 Aug 2019 12:19

Tgt Ion	82	Resp	541611
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.3	19.9#

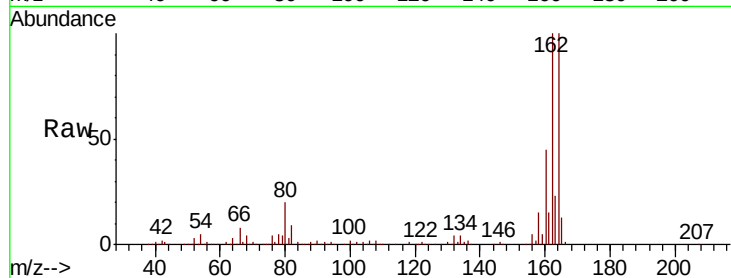




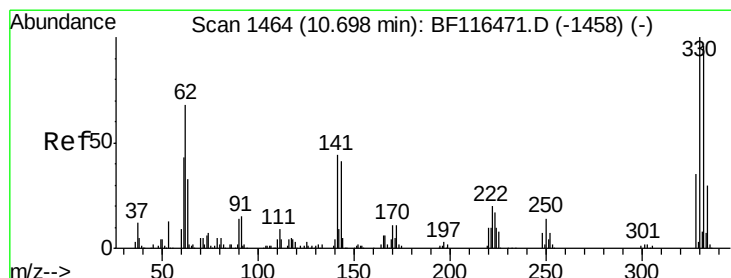
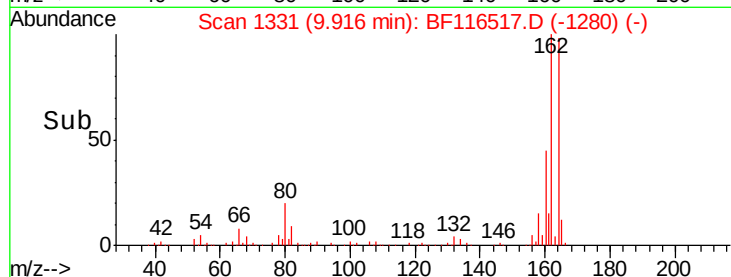
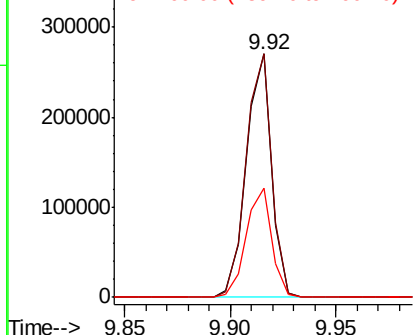
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116517.D
Acq: 24 Aug 2019 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 223616
Ion Ratio Lower Upper
164 100
162 100.1 82.6 123.8
160 45.0 35.8 53.8

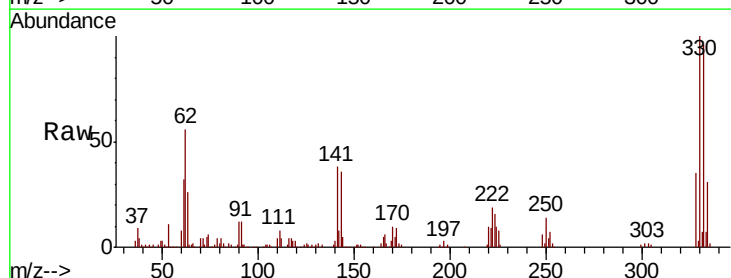


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

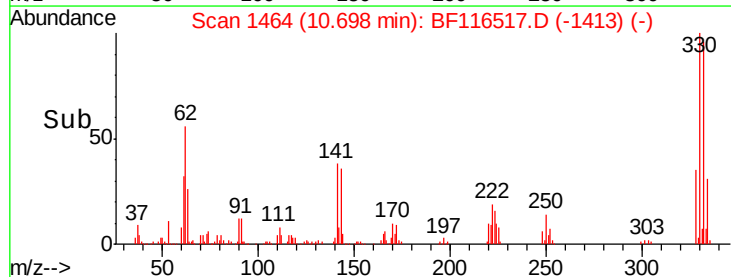
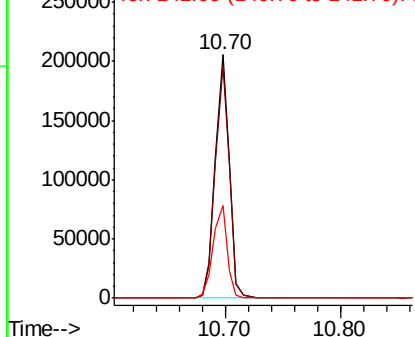


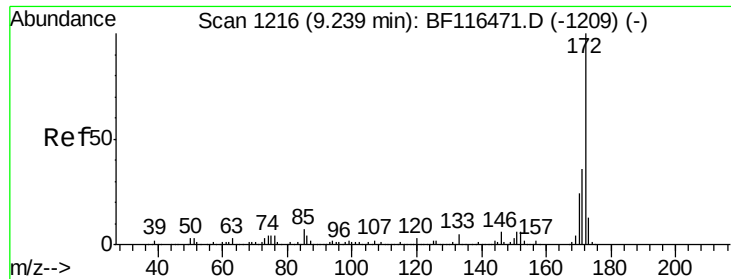
#42
2,4,6-Tribromophenol
Concen: 90.789 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF116517.D
Acq: 24 Aug 2019 12:19

Tgt Ion:330 Resp: 174326
Ion Ratio Lower Upper
330 100
332 96.1 77.2 115.8
141 37.9 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

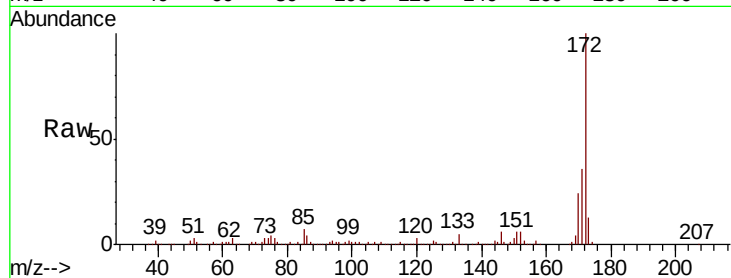




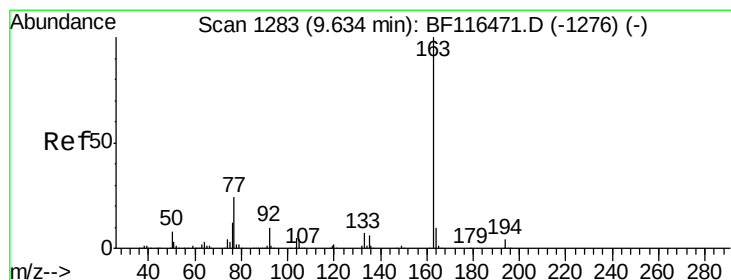
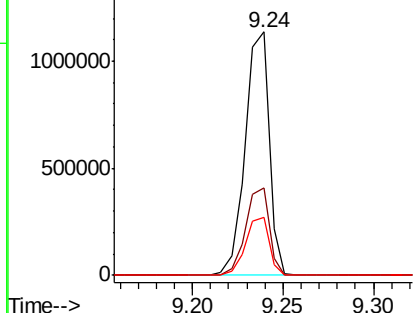
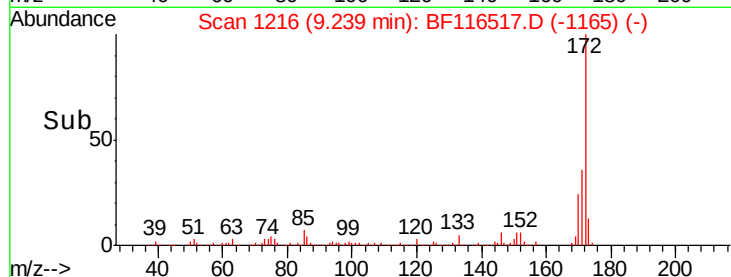
#45
2-Fluorobiphenyl
Concen: 75.286 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116517.D
Acq: 24 Aug 2019 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1045391
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 24.1 19.4 29.0

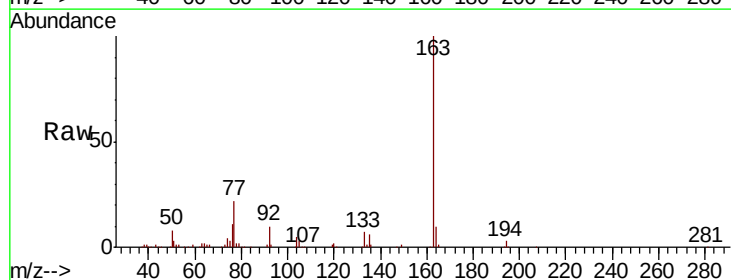


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

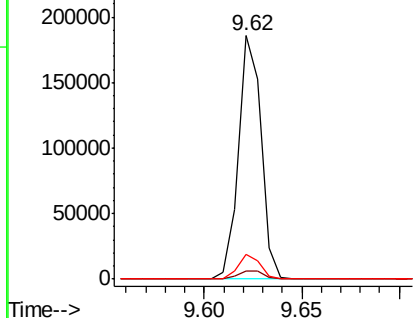
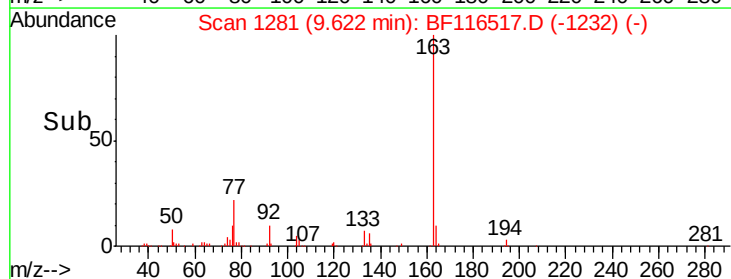


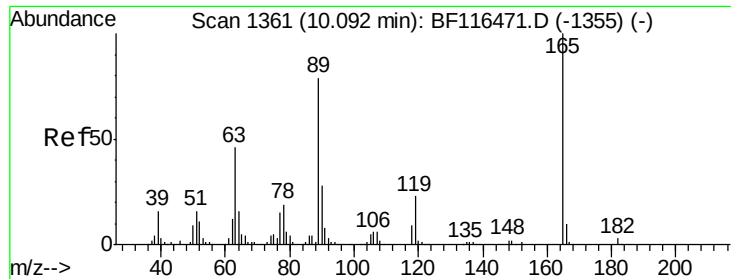
#50
Dimethylphthalate
Concen: 9.577 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF116517.D
Acq: 24 Aug 2019 12:19

Tgt Ion:163 Resp: 149417
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 10.4 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

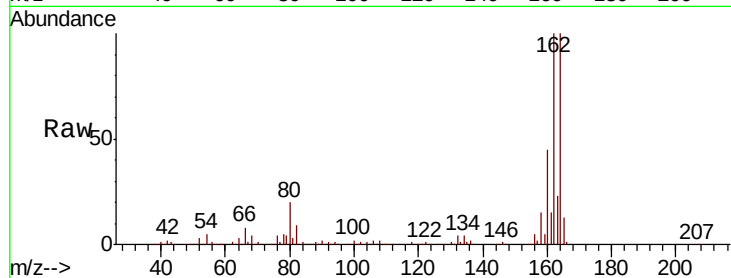




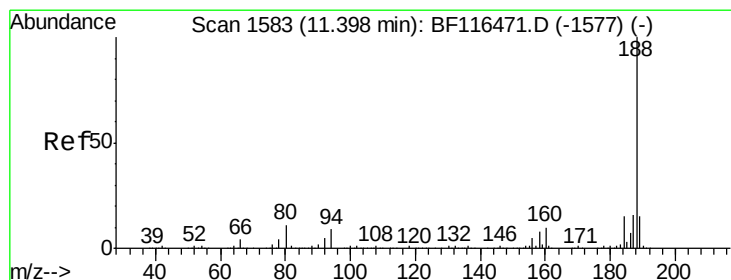
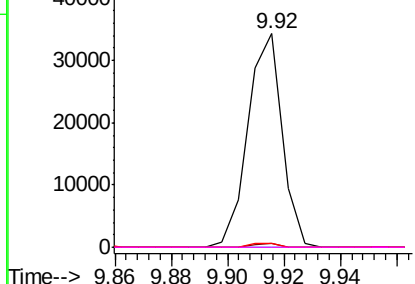
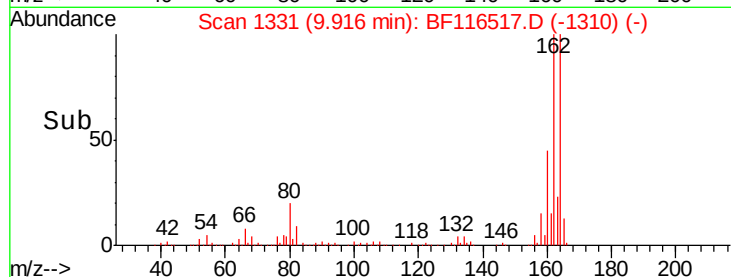
#57
 2,4-Dinitrotoluene
 Concen: 7.084 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.18 min
 Lab File: BF116517.D
 Acq: 24 Aug 2019 12:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165	Resp:	28787
Ion Ratio	Lower	Upper
165	100	
63	1.6	36.9 55.3#
89	1.6	63.4 95.0#
182	0.0	2.1 3.1#

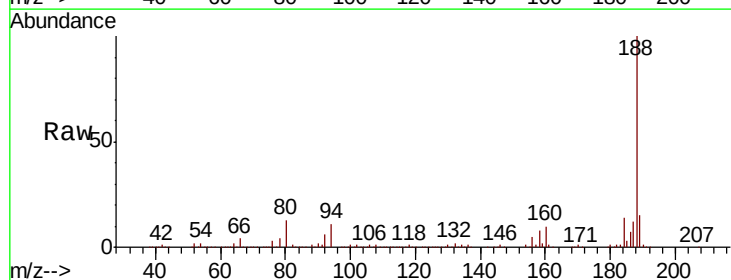


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

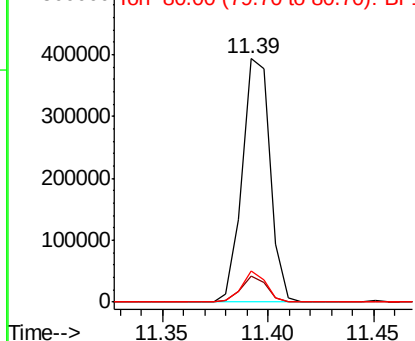
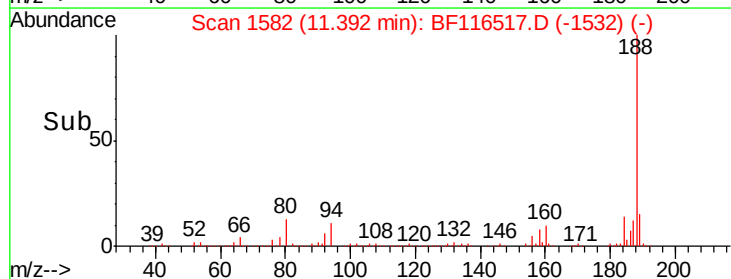


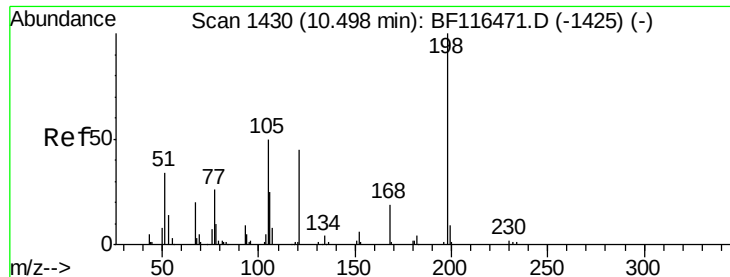
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF116517.D
 Acq: 24 Aug 2019 12:19

Tgt Ion:188	Resp:	359297
Ion Ratio	Lower	Upper
188	100	
94	10.8	7.4 11.2
80	13.0	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: 7.210 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.20 min

Lab File: BF116517.D

Acq: 24 Aug 2019 12:19

Instrument :

BNA_F

ClientSampled :

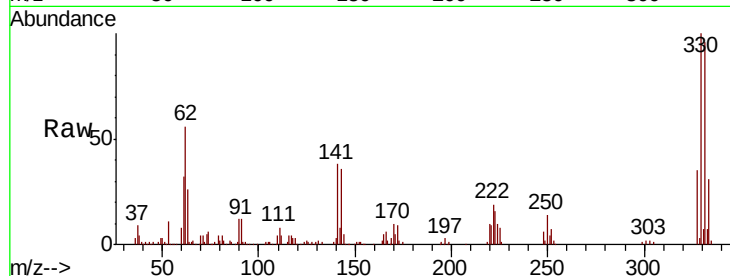
Tot Ion:198 Resp: 354

Ion Ratio Lower Upper

198 100

51 200.9 30.4 70.4#

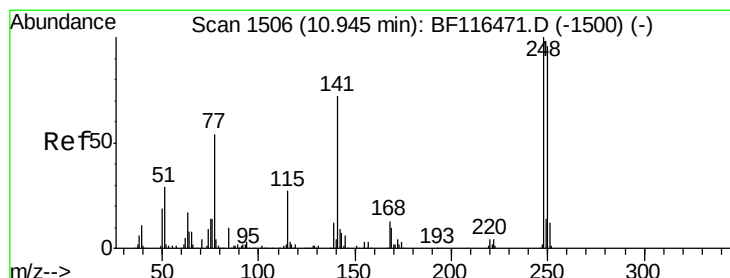
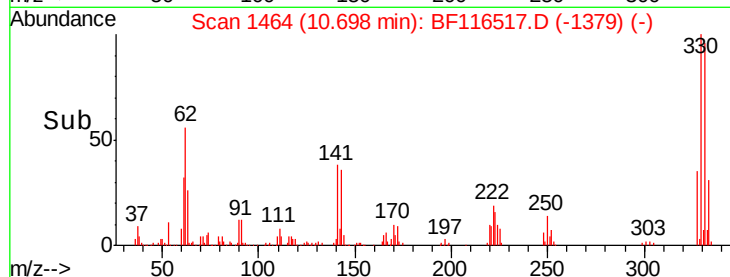
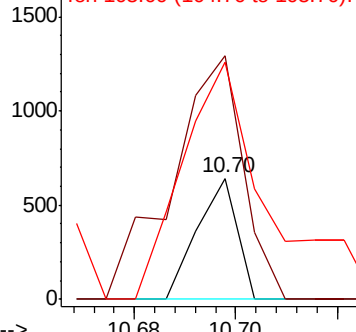
105 195.8 32.8 72.8#



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: 2.948 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.25 min

Lab File: BF116517.D

Acq: 24 Aug 2019 12:19

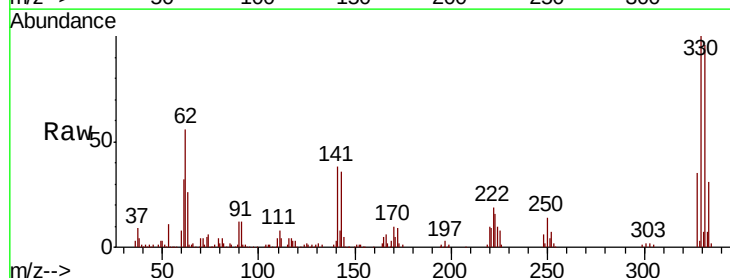
Tgt Ion:248 Resp: 11106

Ion Ratio Lower Upper

248 100

250 211.1 77.0 115.6#

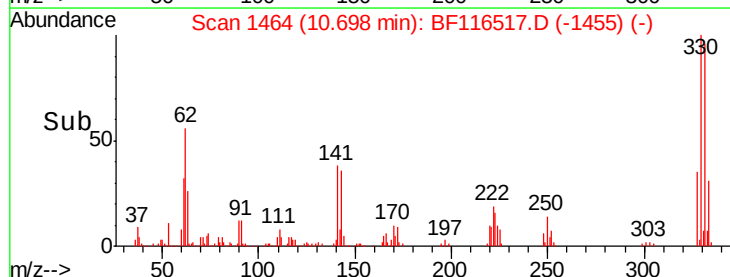
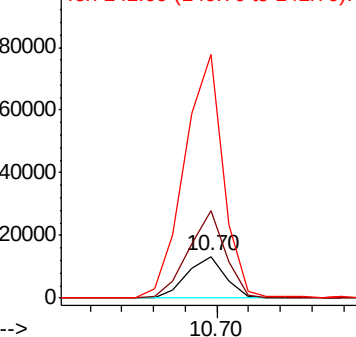
141 583.8 57.4 86.0#

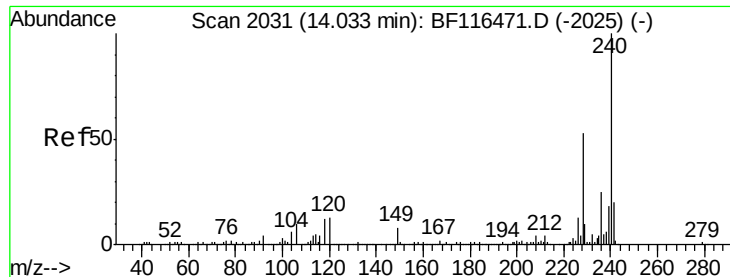


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

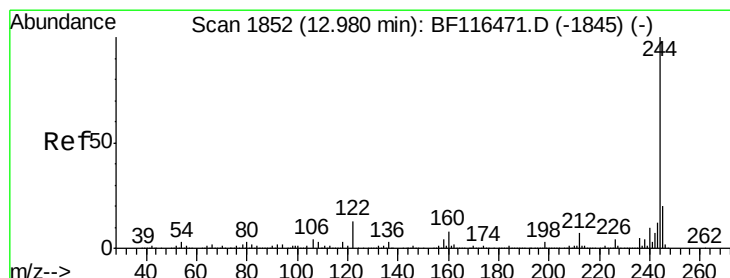
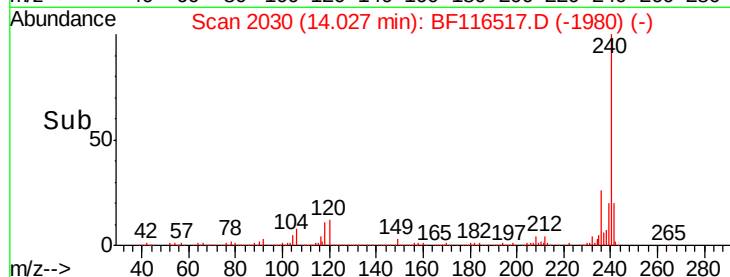
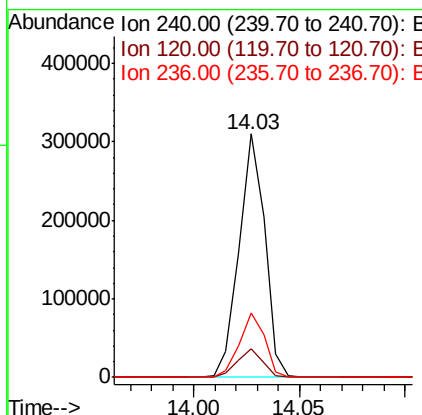
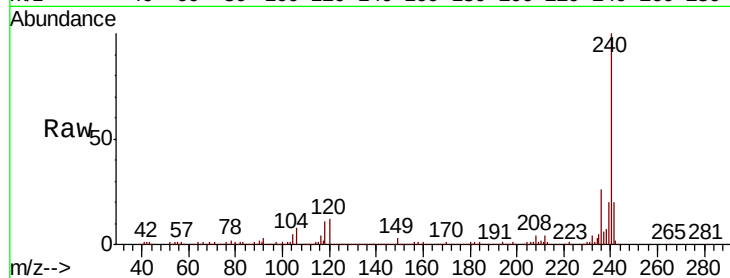




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116517.D
 Acq: 24 Aug 2019 12:19

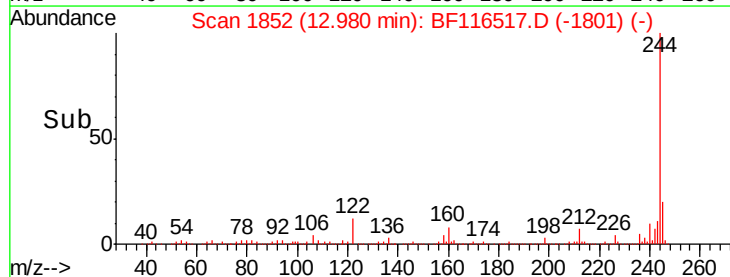
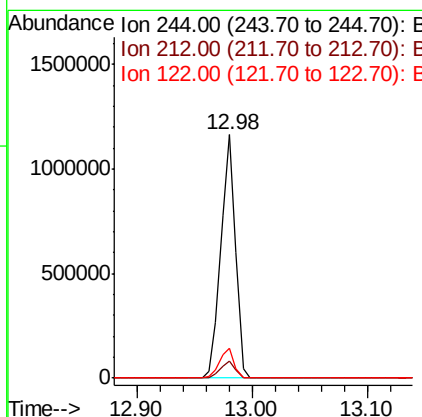
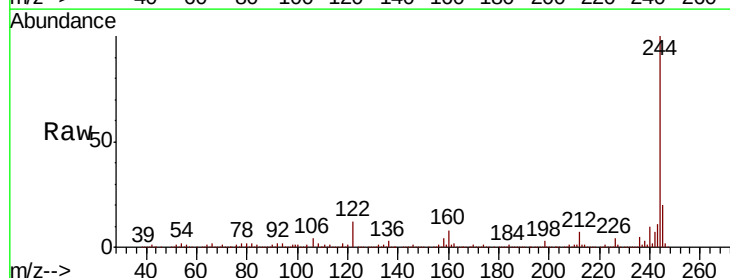
Instrument :
 BNA_F
 ClientSampleId :

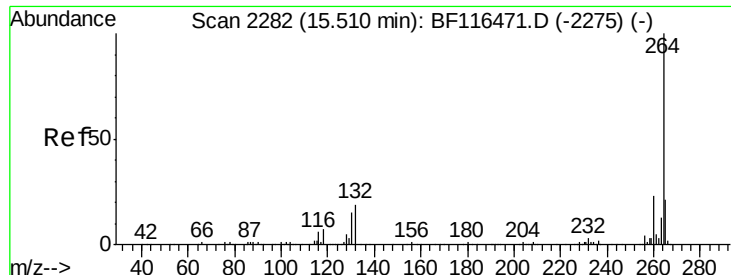
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	10.5	15.7
236	26.3	20.2	30.2



#79
 Terphenyl-d14
 Concen: 73.040 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BF116517.D
 Acq: 24 Aug 2019 12:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	12.2	10.2	15.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF116517.D
Acq: 24 Aug 2019 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.4	17.1	25.7

