

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116509.D
 Acq On : 24 Aug 2019 8:43
 Operator : HP/JU
 Sample : K4461-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 02:06:08 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

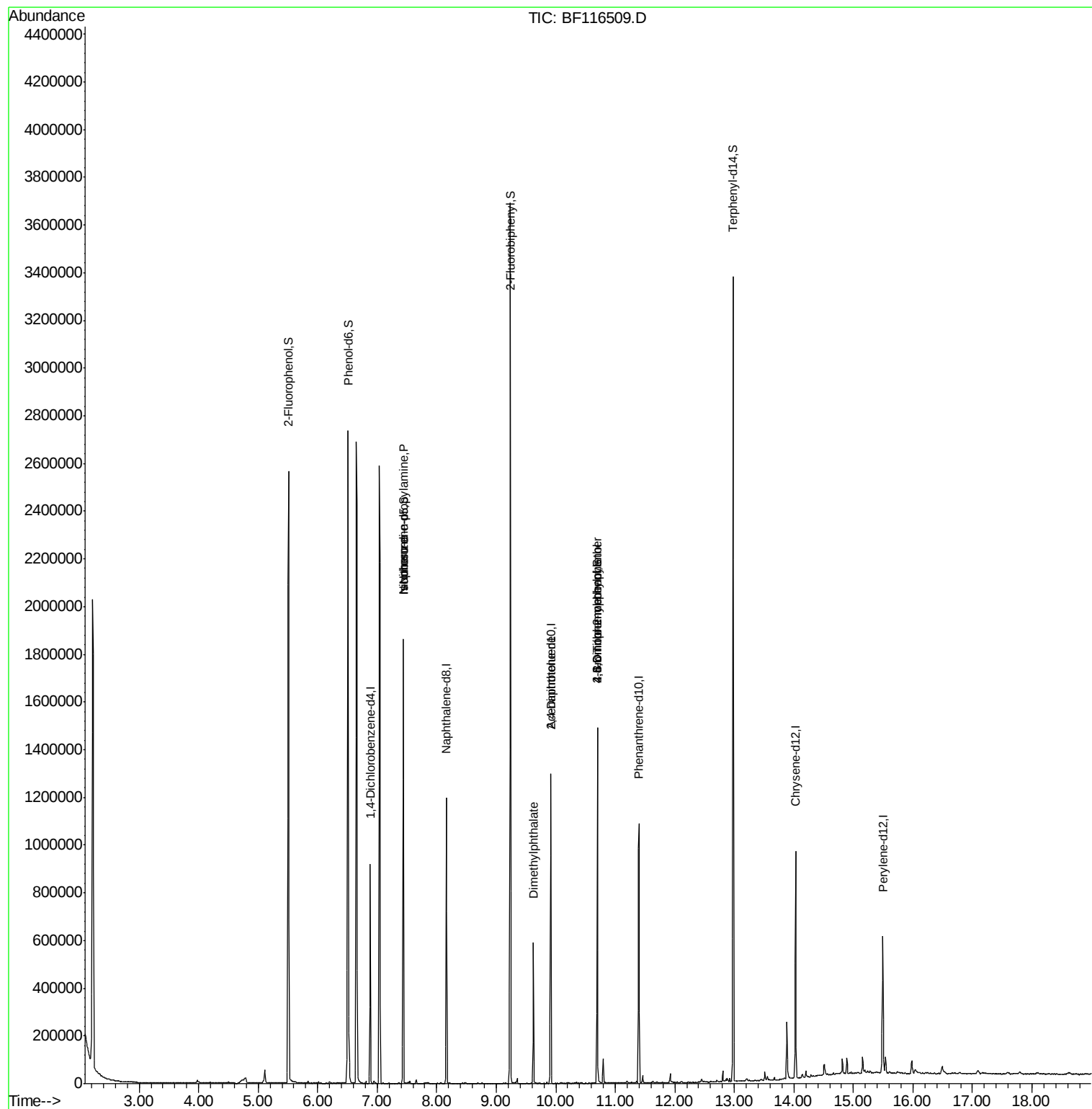
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	135883	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	497453	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	238483	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	380146	20.00	ng	0.00
76) Chrysene-d12	14.03	240	278202	20.00	ng	0.00
87) Perylene-d12	15.49	264	258595	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	712840	76.65	ng	0.01
7) Phenol-d6	6.51	99	961944	84.36	ng	0.00
23) Nitrobenzene-d5	7.44	82	597745	65.74	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	150520	73.50	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1136941	76.77	ng	0.00
79) Terphenyl-d14	12.98	244	1071971	71.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	80075	10.291	ng	# 76
25) Isophorone	7.44	82	597738	33.359	ng	# 67
50) Dimethylphthalate	9.63	163	232302	13.961	ng	98
57) 2,4-Dinitrotoluene	9.92	165	31141	7.186	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.70	198	303	7.171	ng	# 1
67) 4-Bromophenyl-phenylether	10.70	248	9656	2.423	ng	# 1

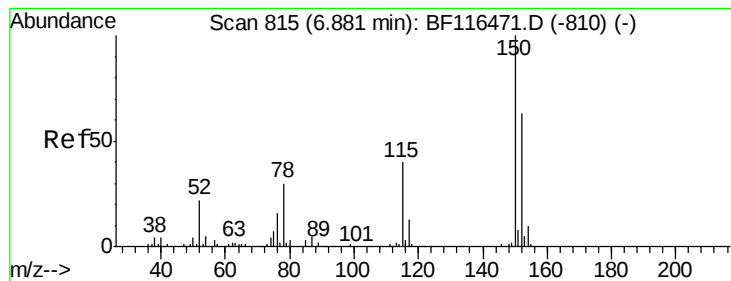
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116509.D
Acq On : 24 Aug 2019 8:43
Operator : HP/JU
Sample : K4461-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 26 02:06:08 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



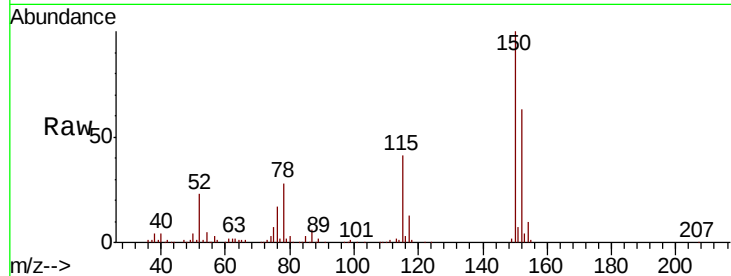


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116509.D
Acq: 24 Aug 2019 8:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.7	190.1
115	64.6	50.9	76.3

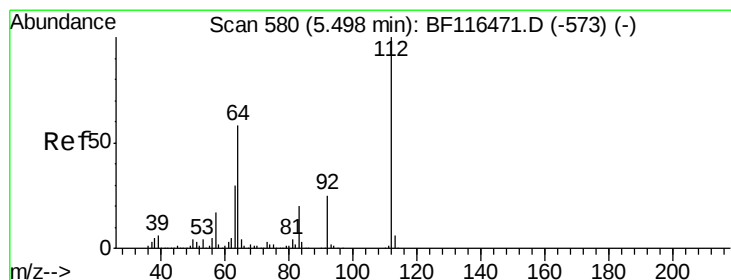
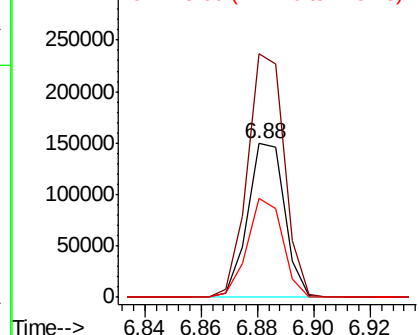
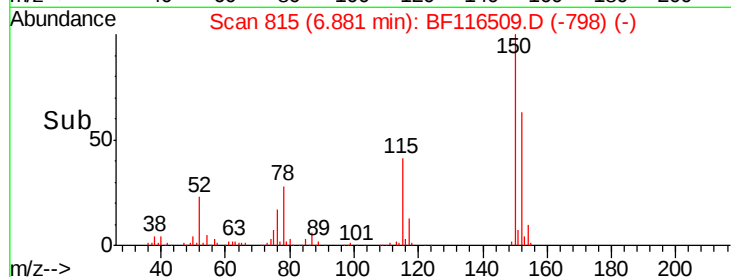


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

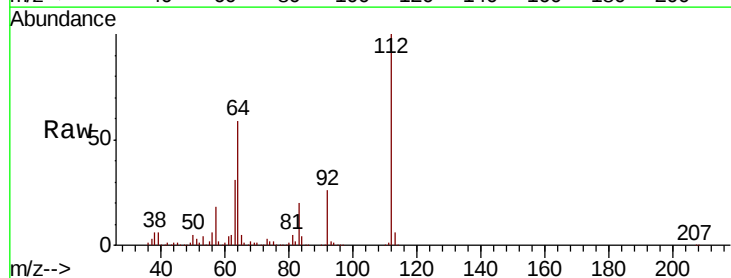
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 76.651 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF116509.D
Acq: 24 Aug 2019 8:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.3	69.5
63	30.5	24.2	36.4

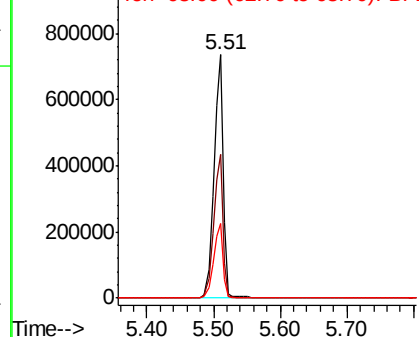
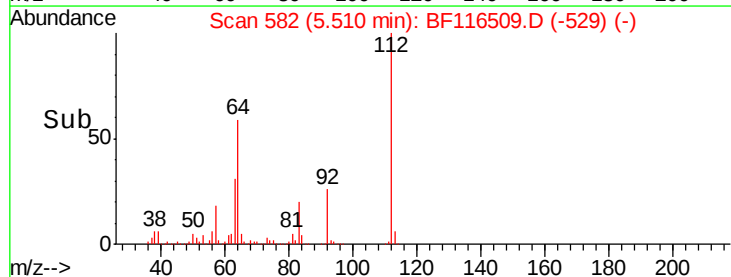


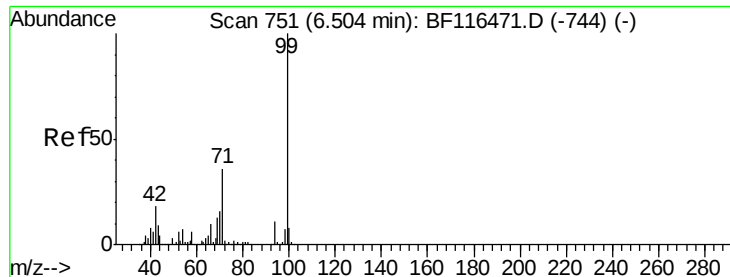
Abundance

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: 84.360 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116509.D

Acq: 24 Aug 2019 8:43

Instrument :

BNA_F

ClientSampleId :

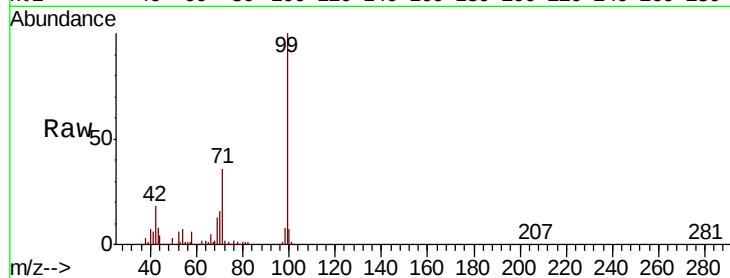
Tot Ion: 99 Resp: 961944

Ion Ratio Lower Upper

99 100

42 17.5 14.6 21.8

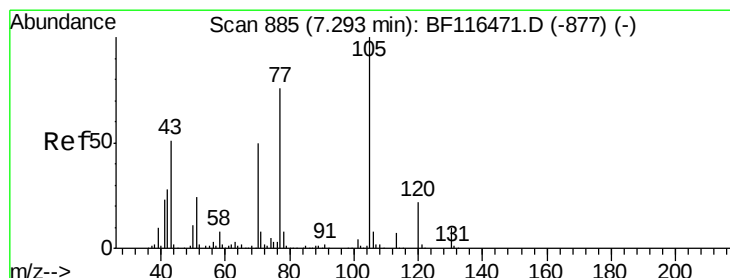
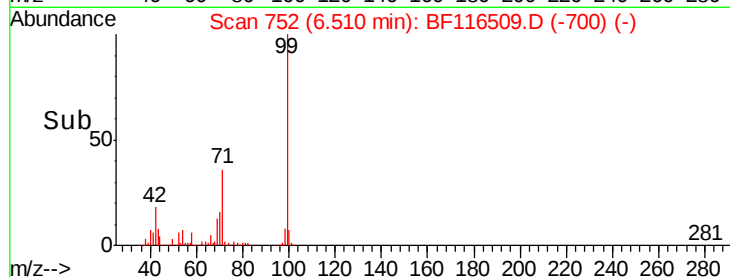
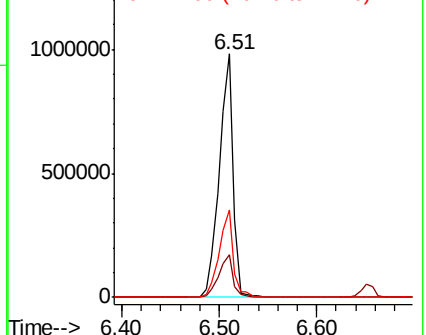
71 35.8 28.5 42.7



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: 10.291 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF116509.D

Acq: 24 Aug 2019 8:43

Tgt Ion: 70 Resp: 80075

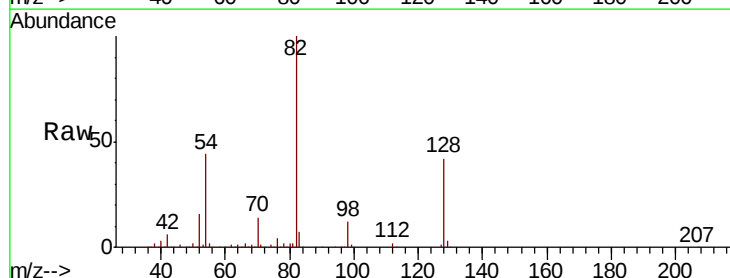
Ion Ratio Lower Upper

70 100

42 42.0 44.4 66.6#

101 0.0 7.1 10.7#

130 2.0 15.8 23.8#

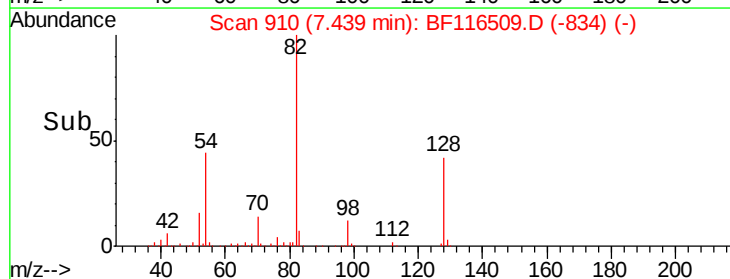
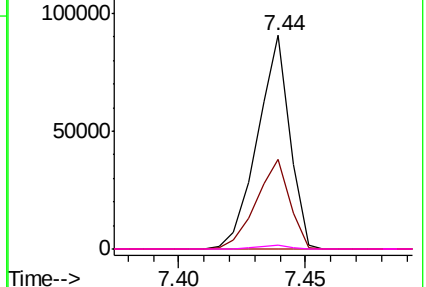


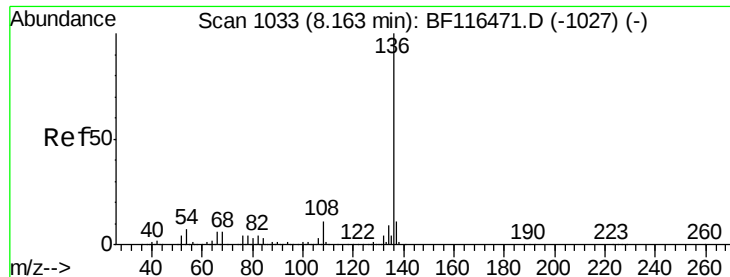
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

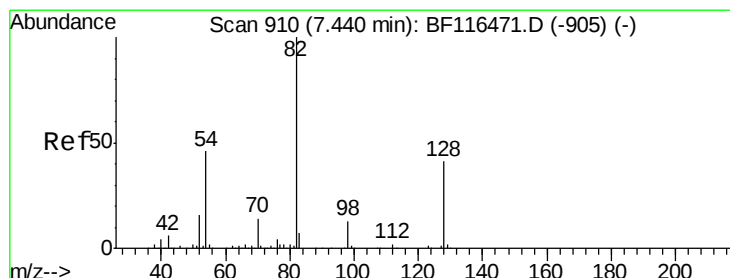
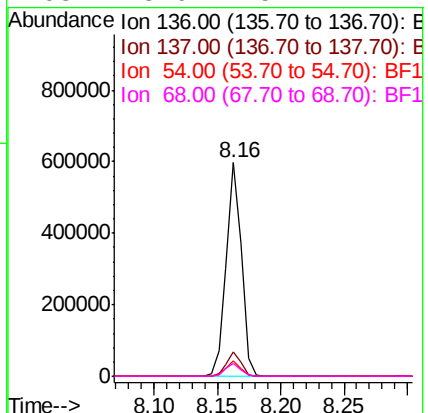
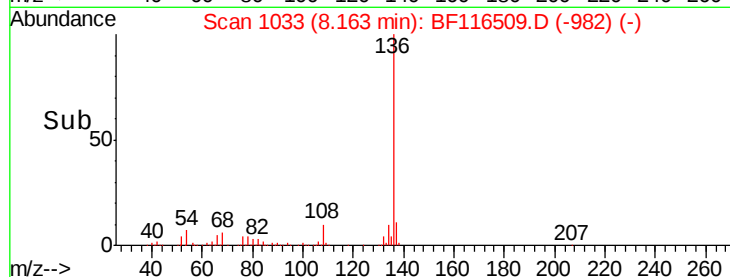
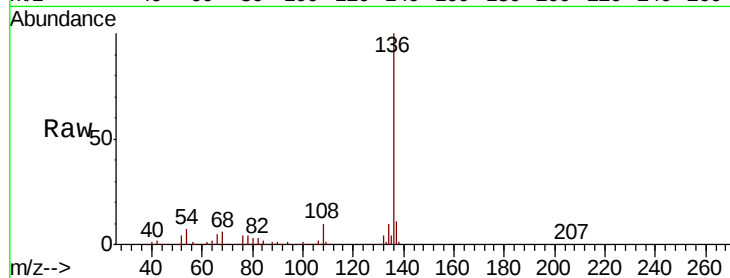




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116509.D
Acq: 24 Aug 2019 8:43

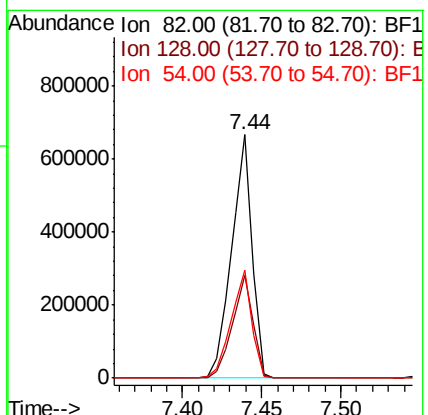
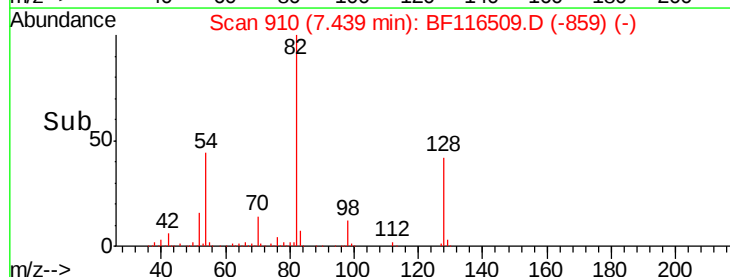
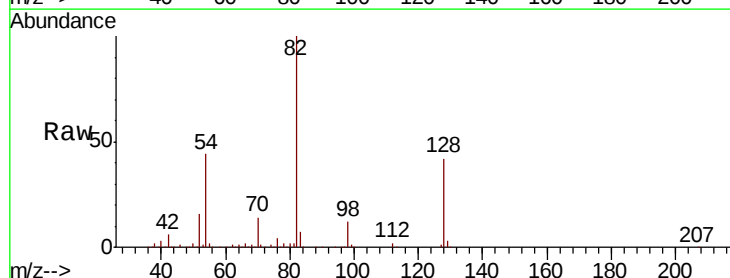
Instrument :
BNA_F
ClientSampleId :

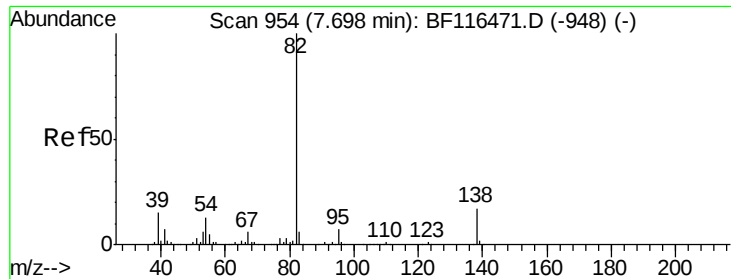
Tot Ion:136	Resp:	497453
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.0 13.4
54	6.9	5.8 8.6
68	5.9	5.1 7.7



#23
Nitrobenzene-d5
Concen: 65.740 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF116509.D
Acq: 24 Aug 2019 8:43

Tgt Ion: 82	Resp:	597745
Ion	Ratio	Lower Upper
82	100	
128	42.0	32.2 48.4
54	44.3	36.5 54.7





#25

Isophorone

Concen: 33.359 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF116509.D

Acq: 24 Aug 2019 8:43

Instrument :

BNA_F

ClientSampleId :

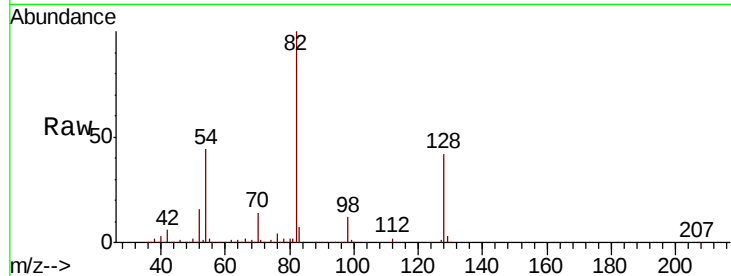
Tot Ion: 82 Resp: 597738

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

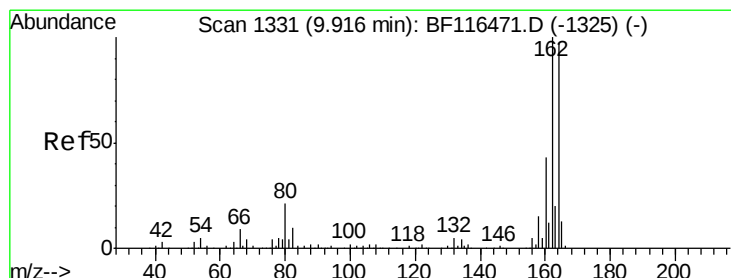
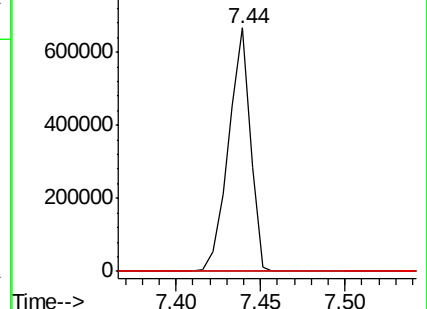
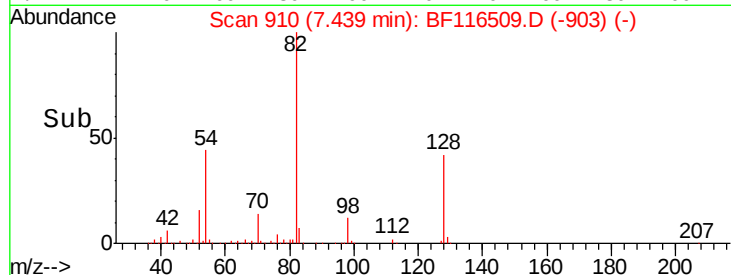
138 0.0 13.3 19.9#



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: BF116509.D

Acq: 24 Aug 2019 8:43

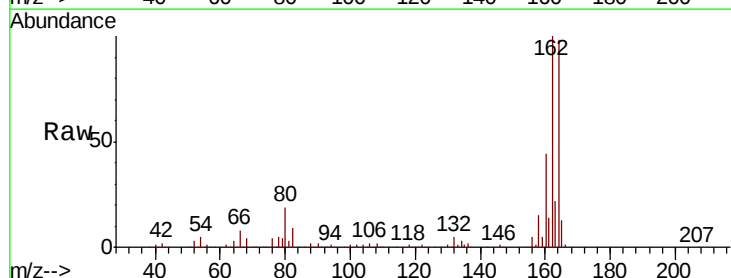
Tgt Ion: 164 Resp: 238483

Ion Ratio Lower Upper

164 100

162 101.7 82.6 123.8

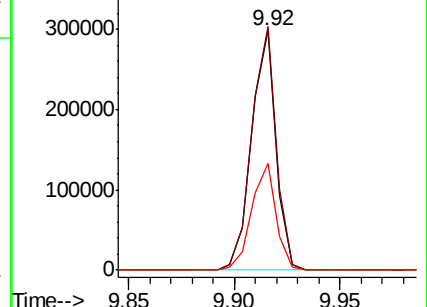
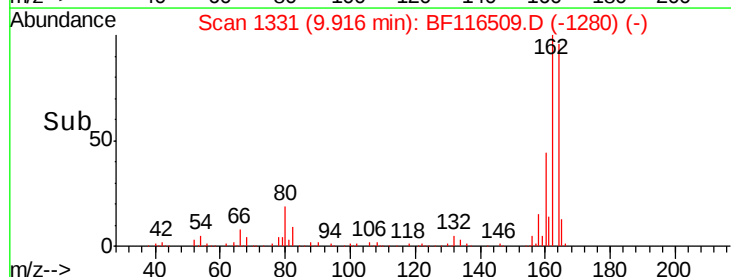
160 44.7 35.8 53.8

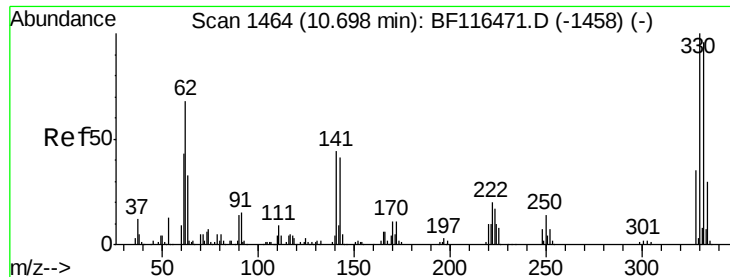


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

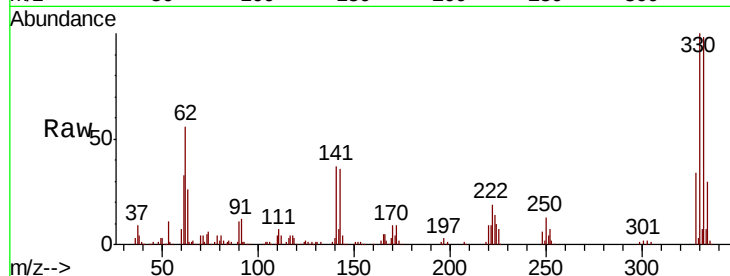




#42
 2,4,6-Tribromophenol
 Concen: 73.504 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116509.D
 Acq: 24 Aug 2019 8:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.2	115.8
141	38.5	33.3	49.9

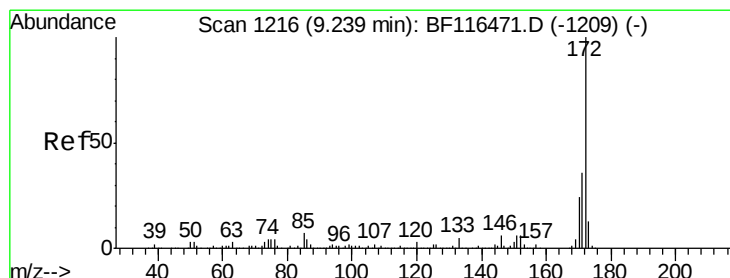
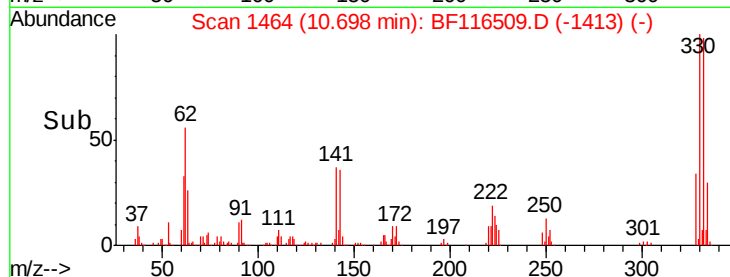
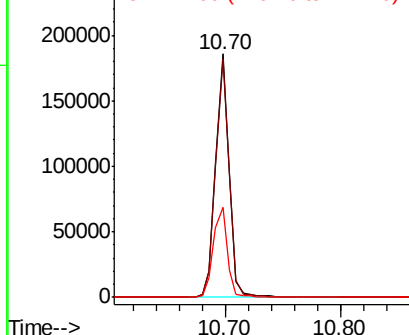


Abundance

Ion 329.80 (329.50 to 330.50): E

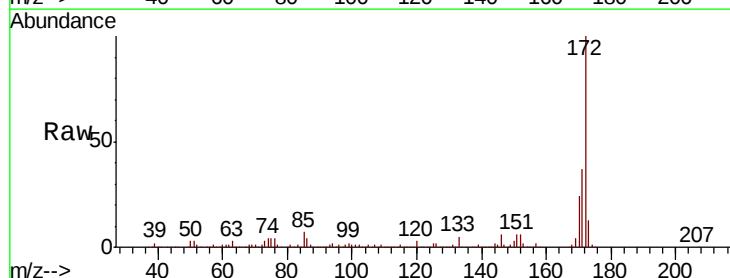
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 76.774 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF116509.D
 Acq: 24 Aug 2019 8:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.1	19.4	29.0

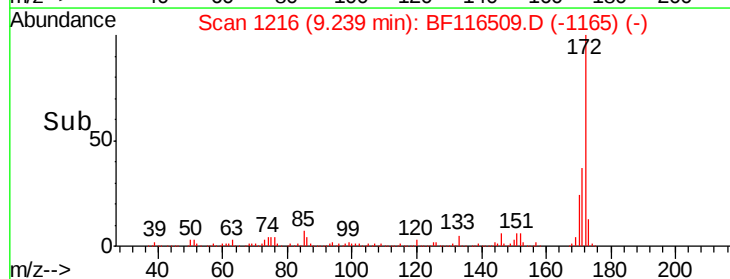
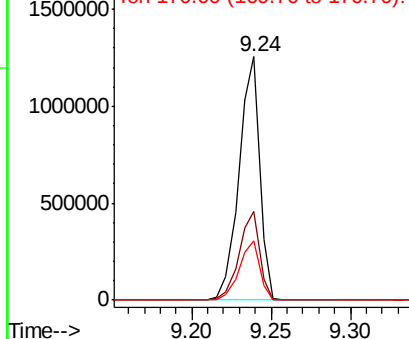


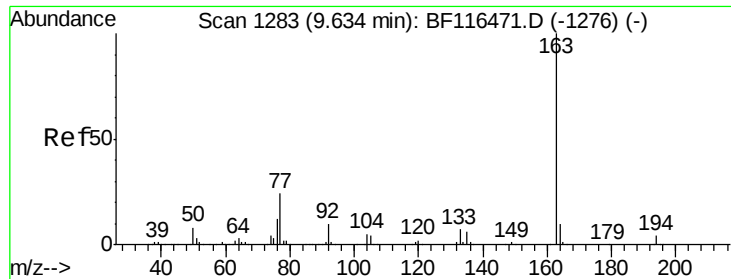
Abundance

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

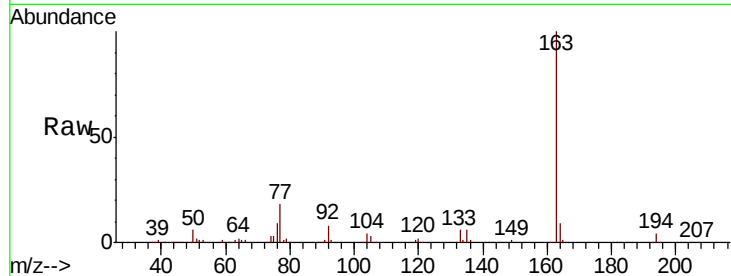




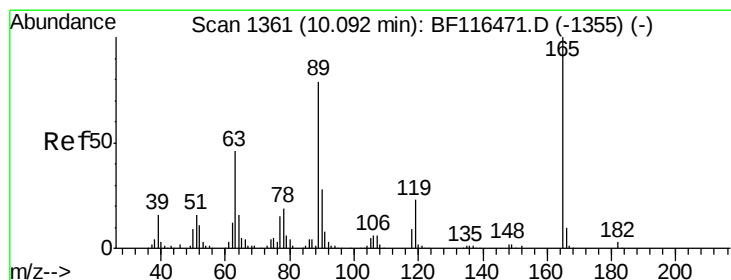
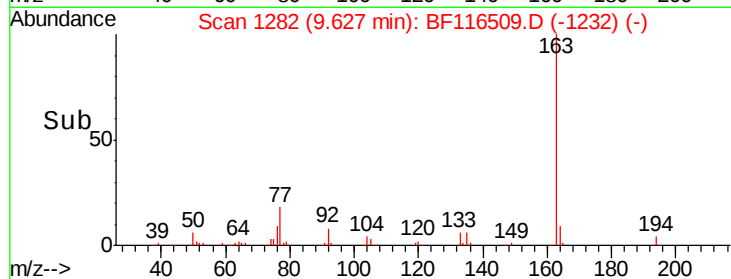
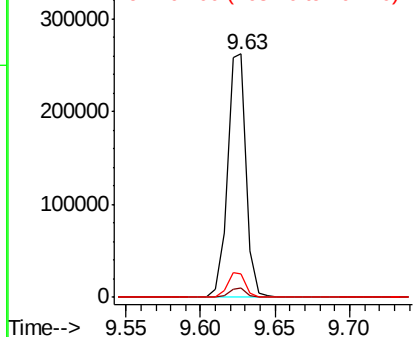
#50
Dimethylphthalate
Concen: 13.961 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF116509.D
Acq: 24 Aug 2019 8:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.9	4.3
164	9.5	8.2	12.2

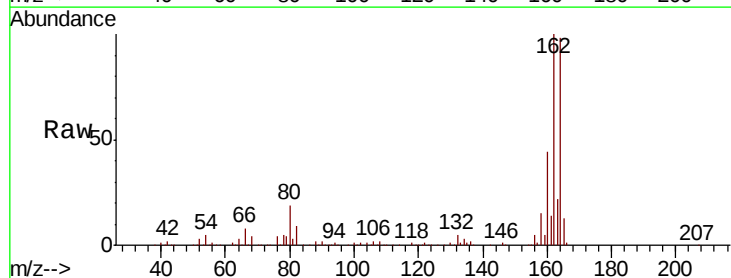


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

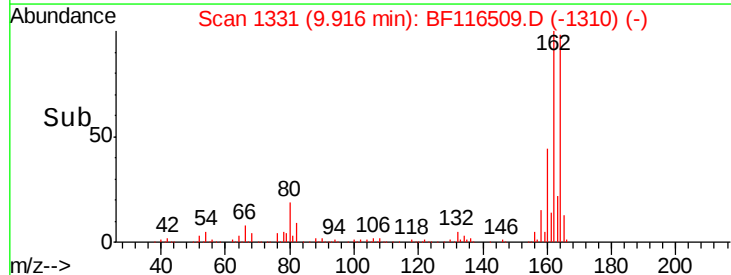
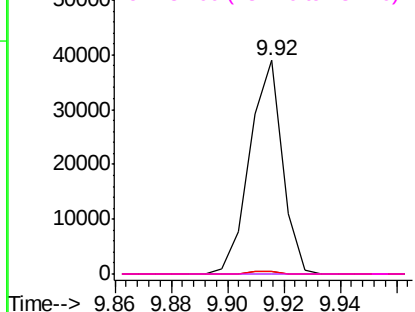


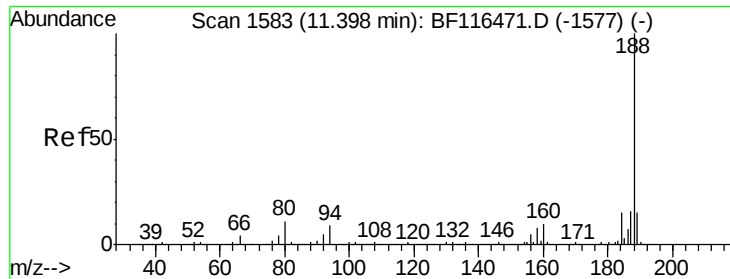
#57
2,4-Dinitrotoluene
Concen: 7.186 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.18 min
Lab File: BF116509.D
Acq: 24 Aug 2019 8:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.9	55.3#
89	1.2	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

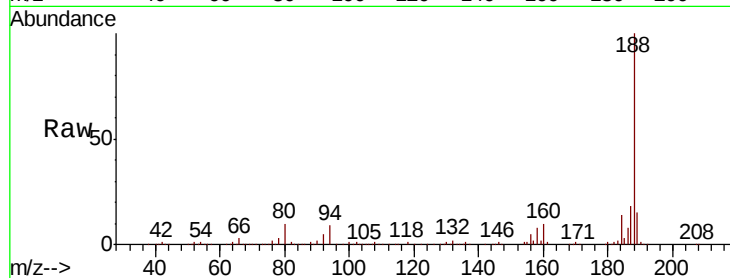




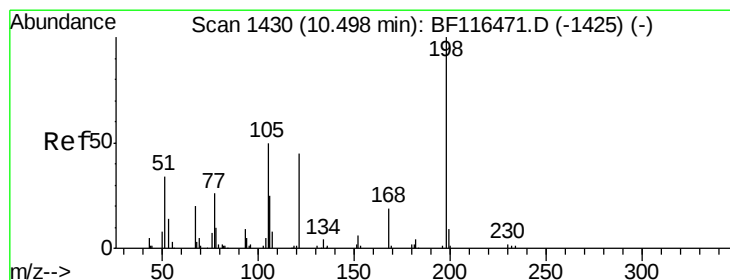
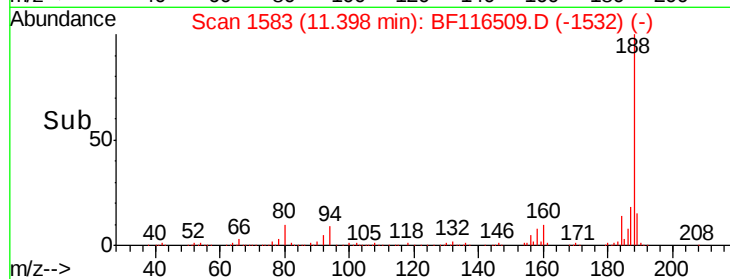
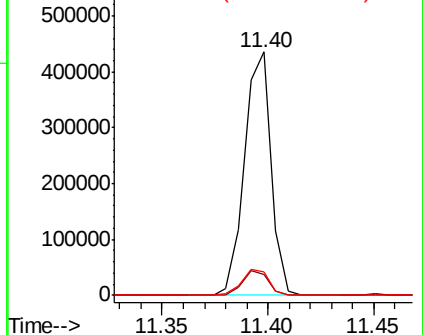
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF116509.D
 Acq: 24 Aug 2019 8:43

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.2
80	9.5	8.6	12.8

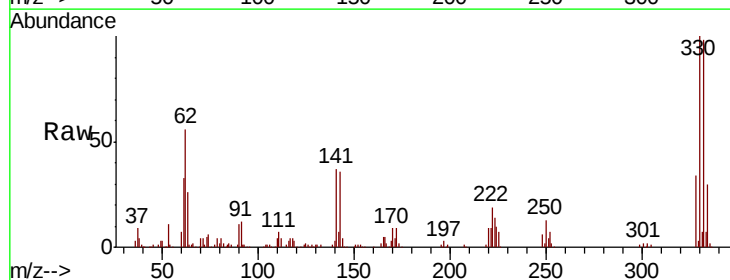


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

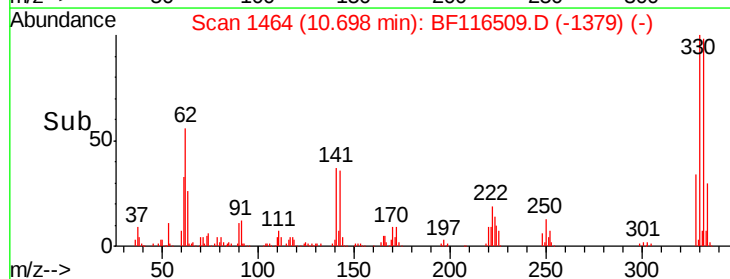
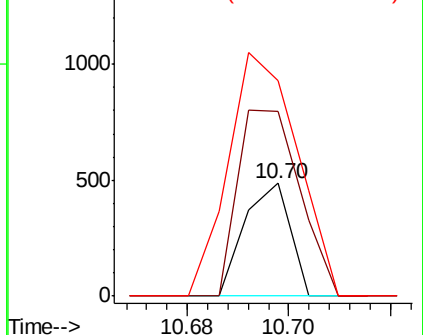


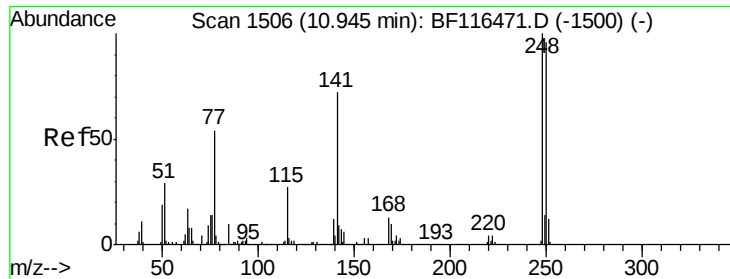
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.171 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.20 min
 Lab File: BF116509.D
 Acq: 24 Aug 2019 8:43

Tgt Ion	Ratio	Lower	Upper
198	100		
51	164.1	30.4	70.4#
105	192.0	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

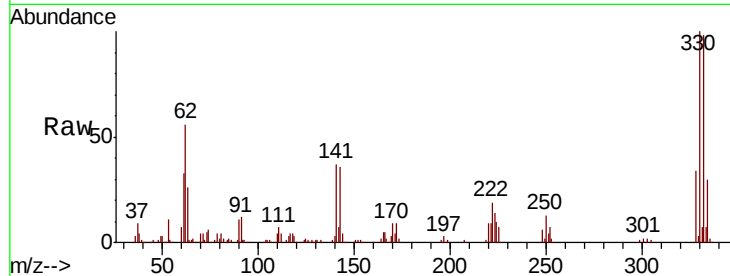




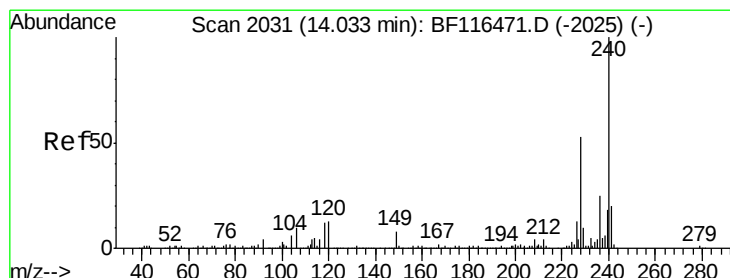
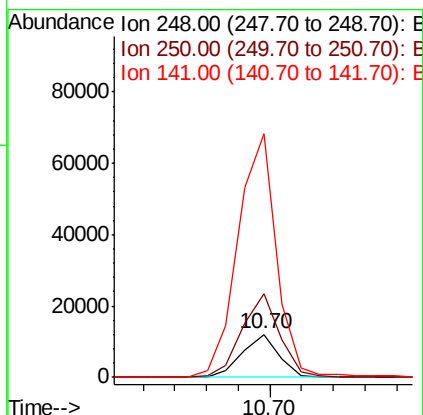
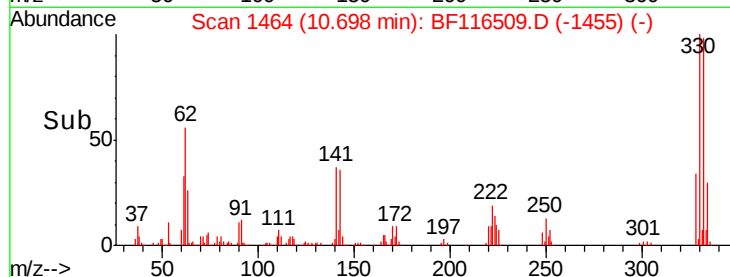
#67
4-Bromophenyl-phenylether
Concen: 2.423 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF116509.D
Acq: 24 Aug 2019 8:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9656
Ion Ratio Lower Upper
248 100
250 195.8 77.0 115.6#
141 566.8 57.4 86.0#

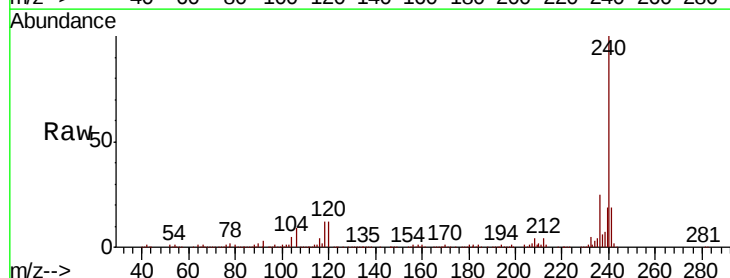


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

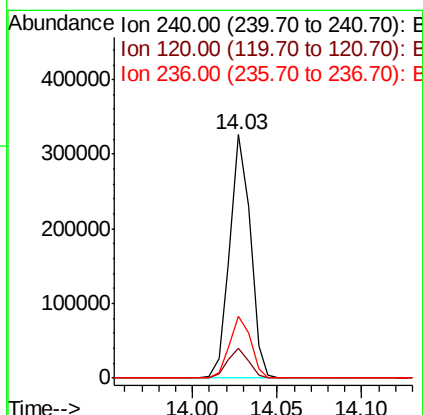
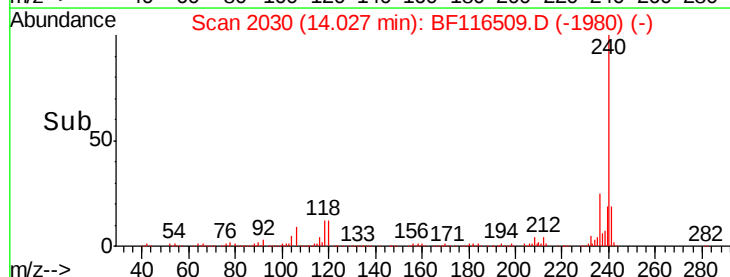


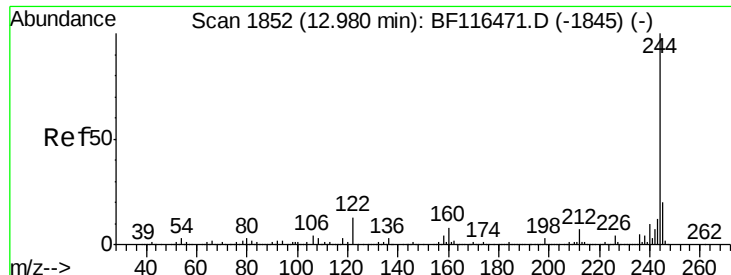
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116509.D
Acq: 24 Aug 2019 8:43

Tgt Ion:240 Resp: 278202
Ion Ratio Lower Upper
240 100
120 12.3 10.5 15.7
236 25.3 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: 71.974 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116509.D

Acq: 24 Aug 2019 8:43

Instrument :

BNA_F

ClientSampleId :

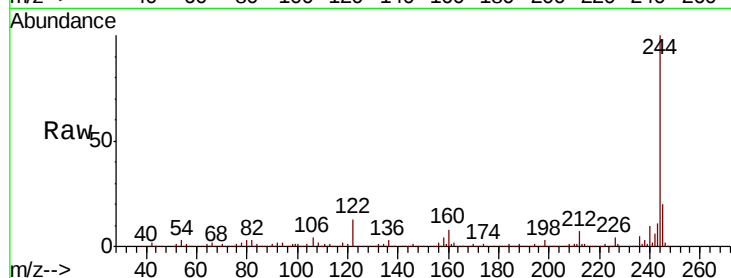
Tot Ion:244 Resp: 1071971

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

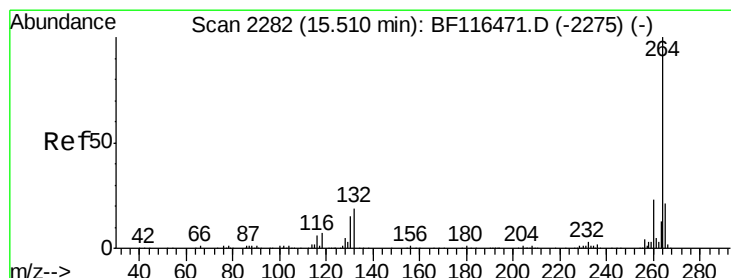
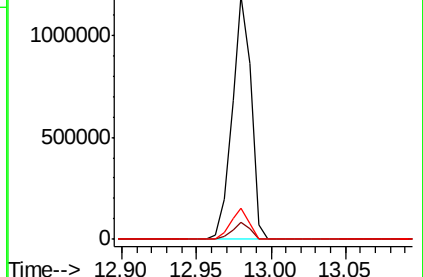
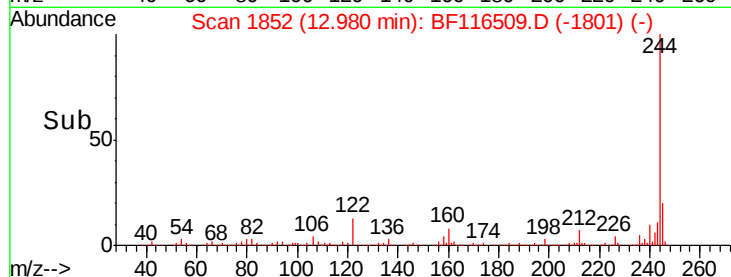
122 12.9 10.2 15.4



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: 15.49 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BF116509.D

Acq: 24 Aug 2019 8:43

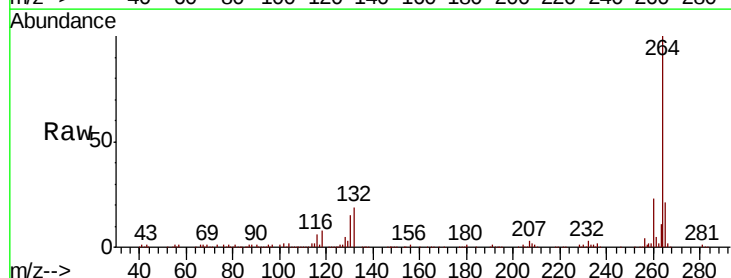
Tgt Ion:264 Resp: 258595

Ion Ratio Lower Upper

264 100

260 22.8 18.8 28.2

265 20.5 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

