

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116510.D
 Acq On : 24 Aug 2019 9:09
 Operator : HP/JU
 Sample : K4461-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 02:06:17 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

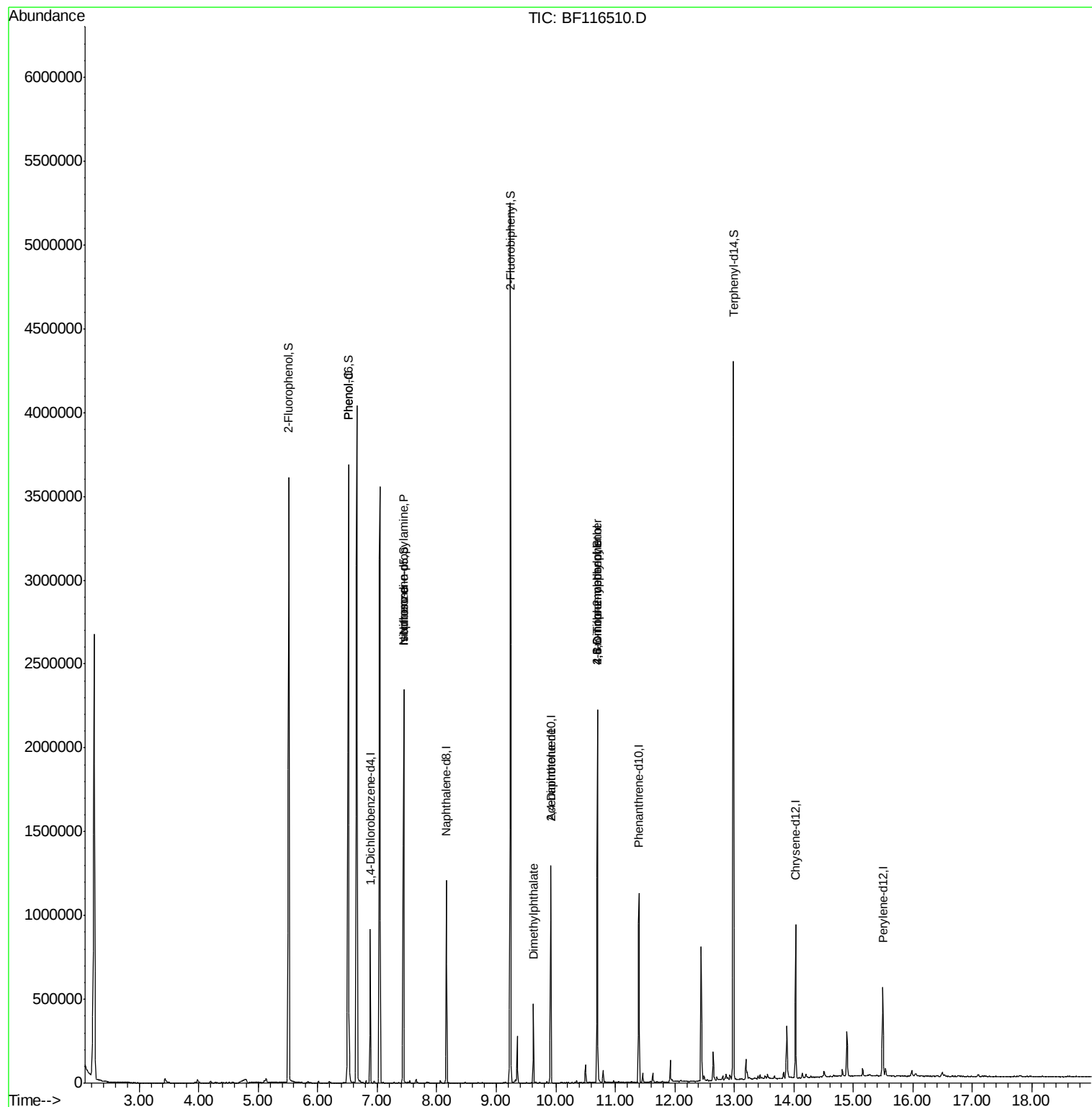
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	137297	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	499639	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	236990	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	381455	20.00	ng	0.00
76) Chrysene-d12	14.03	240	269780	20.00	ng	0.00
87) Perylene-d12	15.49	264	252265	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1094018	116.43	ng	0.02
7) Phenol-d6	6.52	99	1443559	125.29	ng	0.01
23) Nitrobenzene-d5	7.45	82	905967	99.20	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	246008	120.89	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1593386	108.27	ng	0.00
79) Terphenyl-d14	12.99	244	1469191	101.72	ng	0.00
Target Compounds						
10) Phenol	6.52	94	55223	4.414	ng	# 69
19) n-Nitroso-di-n-propylamine	7.45	70	123042	15.651	ng	# 77
25) Isophorone	7.45	82	904125	50.237	ng	# 67
50) Dimethylphthalate	9.62	163	174182	10.534	ng	100
57) 2,4-Dinitrotoluene	9.92	165	30032	6.974	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.70	198	639	7.354	ng	# 1
67) 4-Bromophenyl-phenylether	10.70	248	15935	3.985	ng	# 1

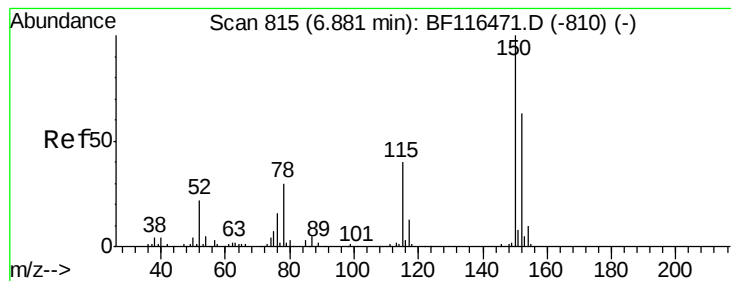
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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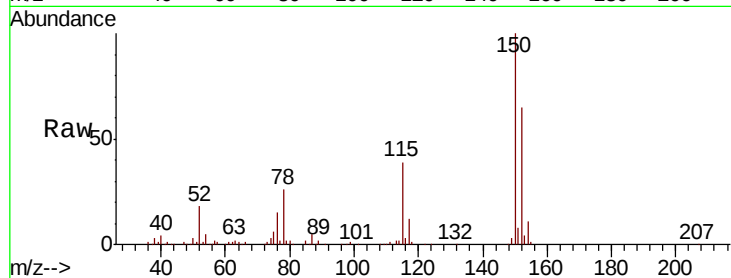




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BF116510.D
 Acq: 24 Aug 2019 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.7	190.1
115	59.5	50.9	76.3

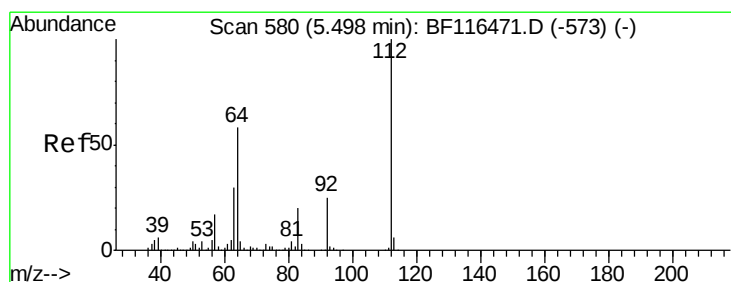
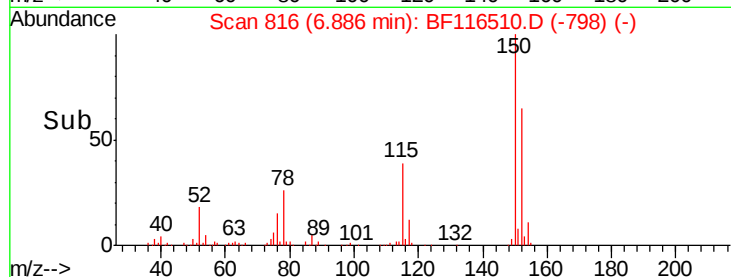
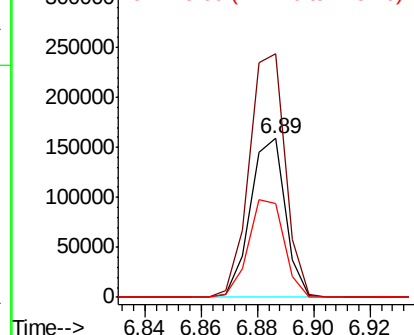


Abundance

Ion 152.00 (151.70 to 152.70): E

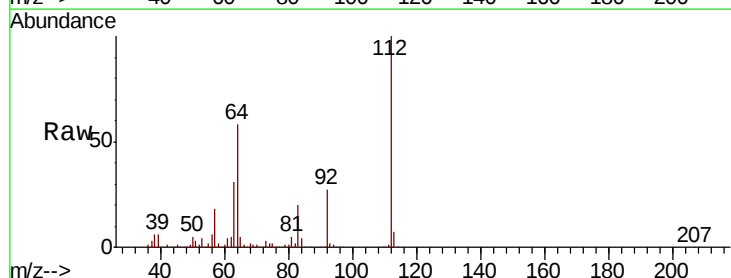
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 116.428 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.02 min
 Lab File: BF116510.D
 Acq: 24 Aug 2019 9:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	46.3	69.5
63	31.1	24.2	36.4

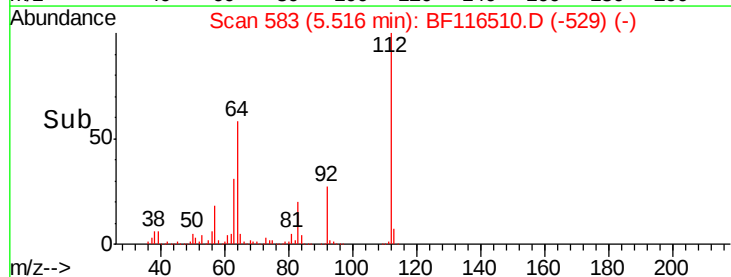
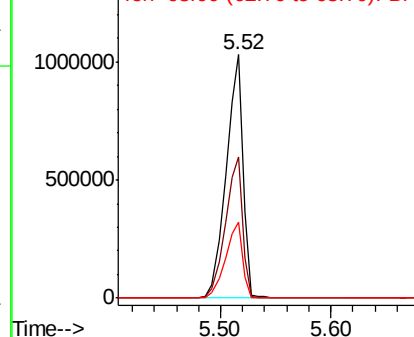


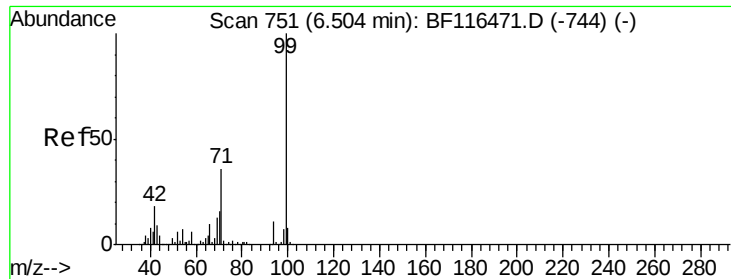
Abundance

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: 125.292 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116510.D

Acq: 24 Aug 2019 9:09

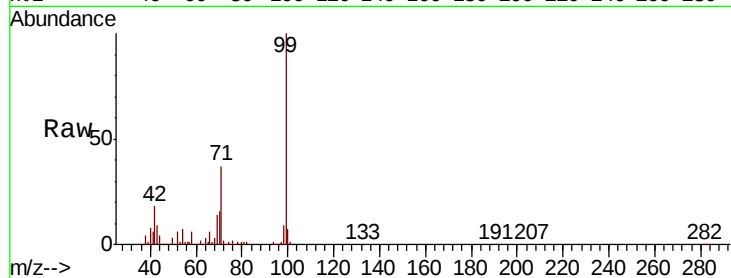
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1443559

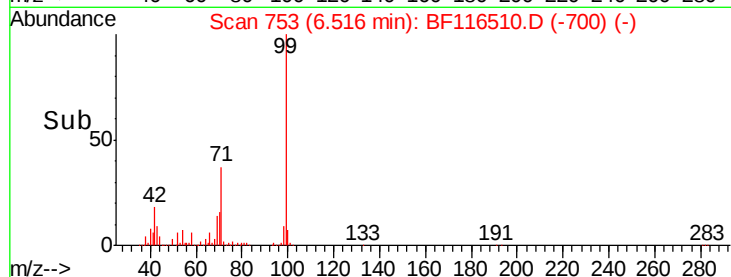
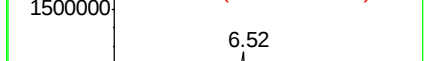
Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.6	21.8
71	37.3	28.5	42.7



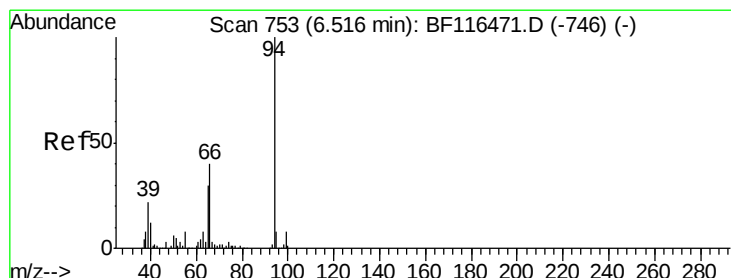
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#10

Phenol

Concen: 4.414 ng

RT: 6.52 min Scan# 754

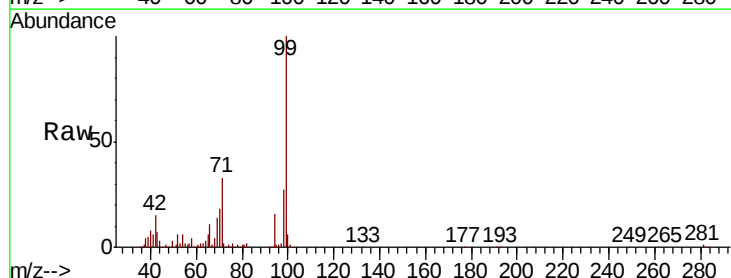
Delta R.T. 0.01 min

Lab File: BF116510.D

Acq: 24 Aug 2019 9:09

Tgt Ion: 94 Resp: 55223

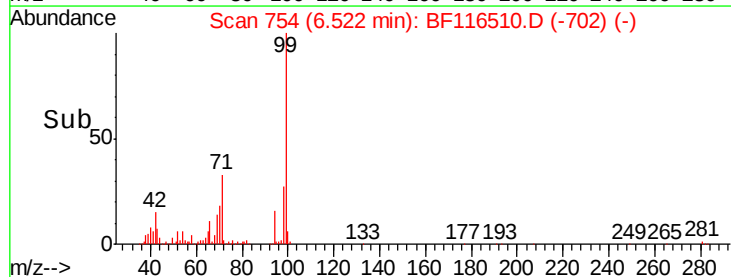
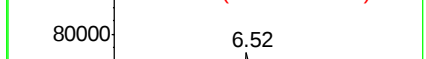
Ion	Ratio	Lower	Upper
94	100		
65	36.9	10.0	50.0
66	67.2	19.8	59.8



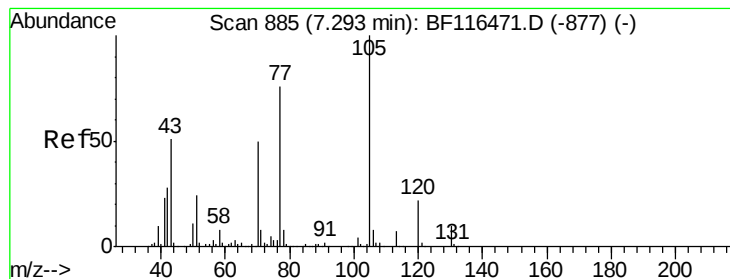
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 15.651 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF116510.D

Acq: 24 Aug 2019 9:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 123042

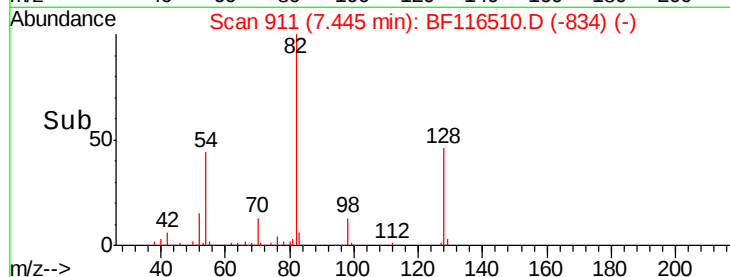
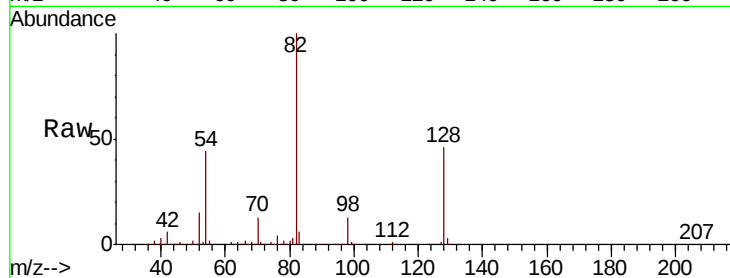
Ion Ratio Lower Upper

70 100

42 42.8 44.4 66.6#

101 0.0 7.1 10.7#

130 2.1 15.8 23.8#

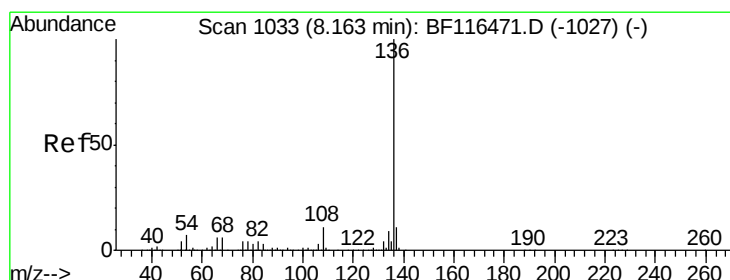
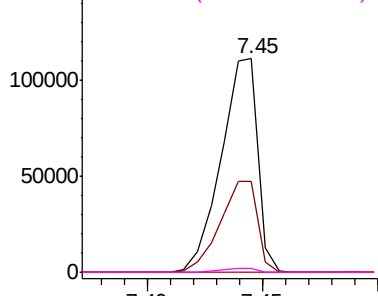


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF116510.D

Acq: 24 Aug 2019 9:09

Tgt Ion: 136 Resp: 499639

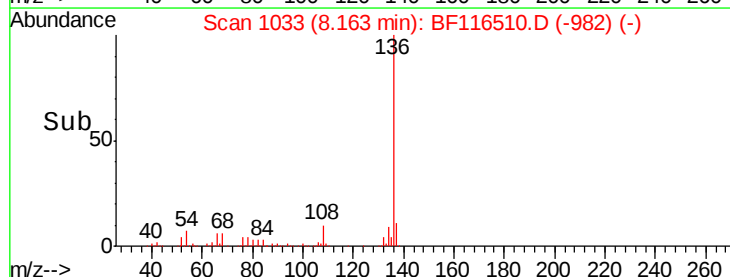
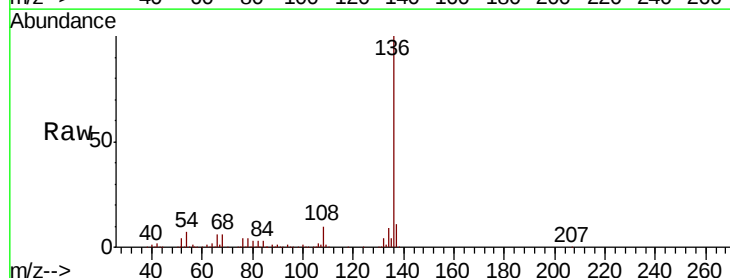
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.8 5.8 8.6

68 6.2 5.1 7.7

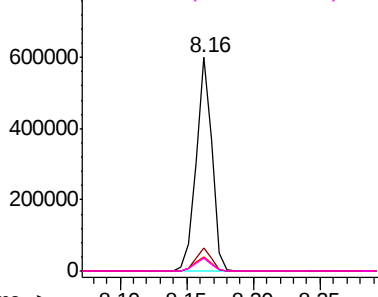


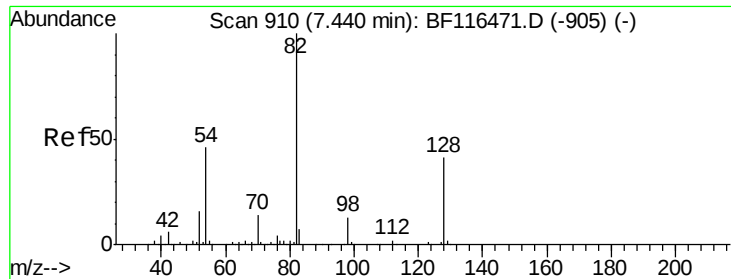
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

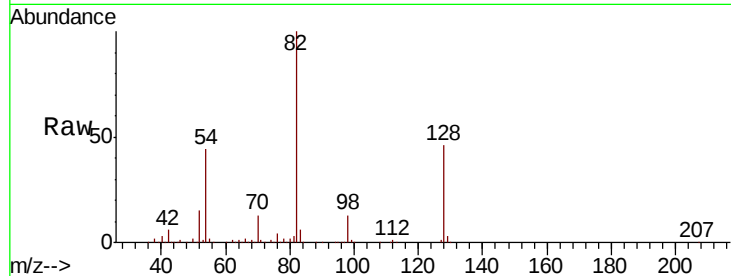




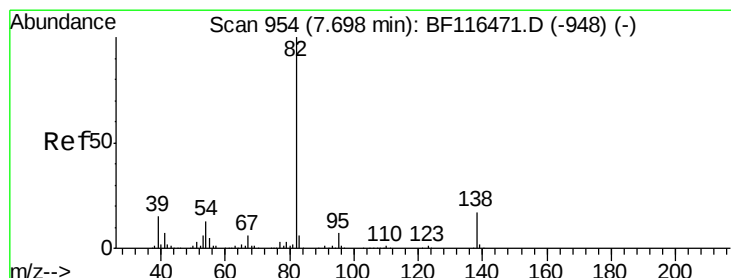
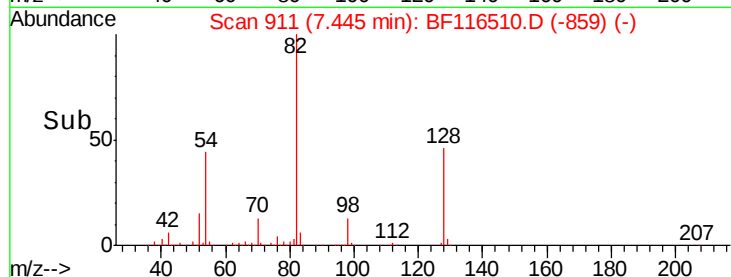
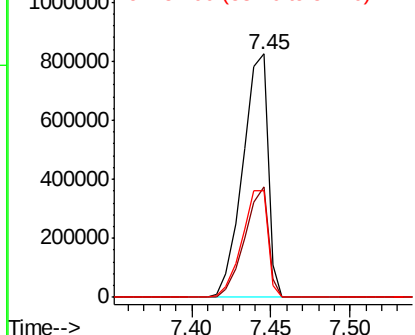
#23
 Nitrobenzene-d5
 Concen: 99.202 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF116510.D
 Acq: 24 Aug 2019 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	905967
Ion Ratio	Lower	Upper	
82	100		
128	45.5	32.2	48.4
54	44.0	36.5	54.7

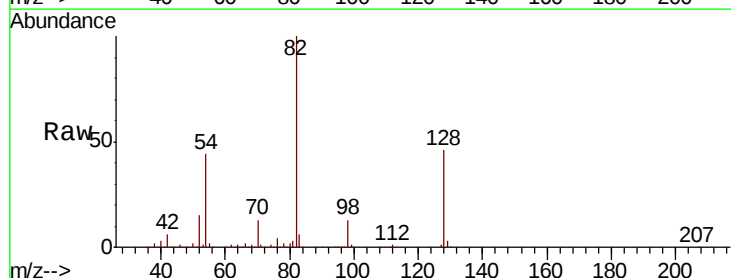


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

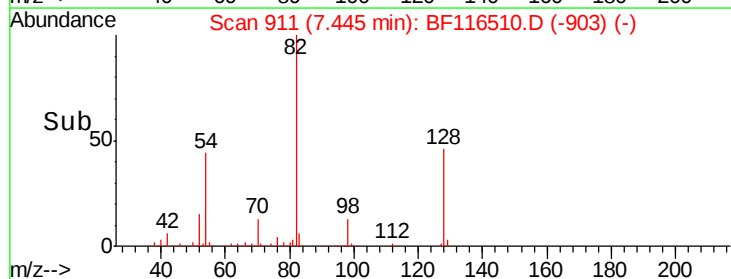
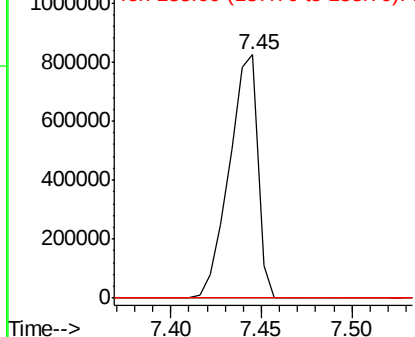


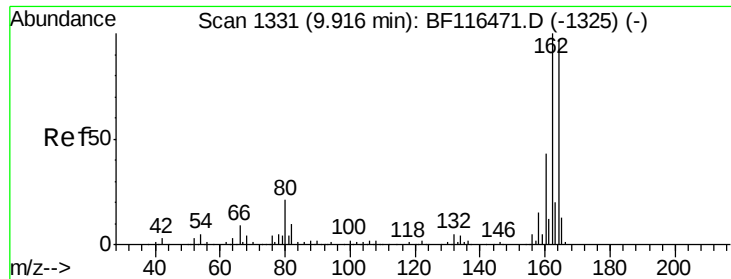
#25
 Isophorone
 Concen: 50.237 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.25 min
 Lab File: BF116510.D
 Acq: 24 Aug 2019 9:09

Tgt Ion	82	Resp	904125
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

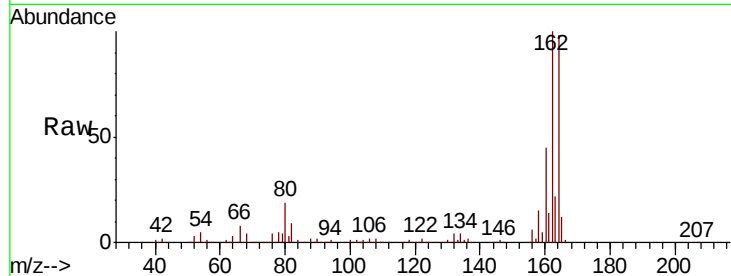




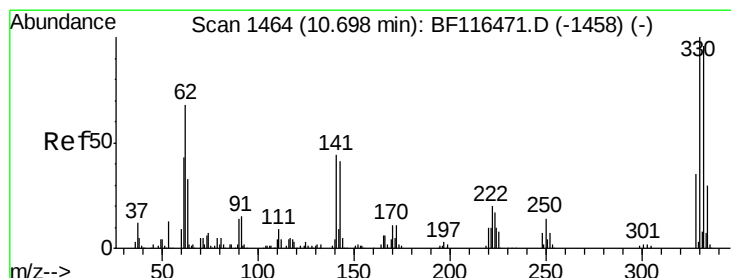
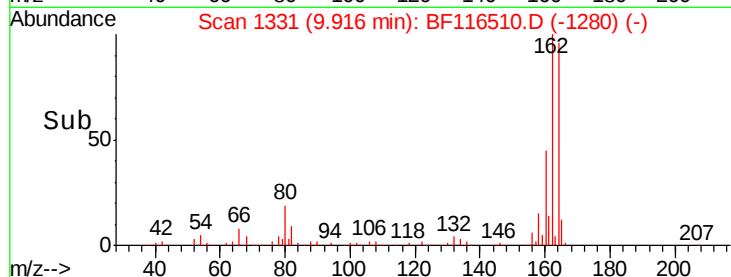
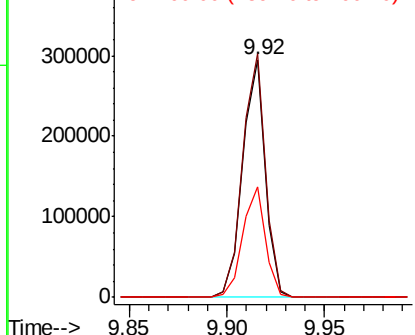
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF116510.D
 Acq: 24 Aug 2019 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	46.5	35.8	53.8

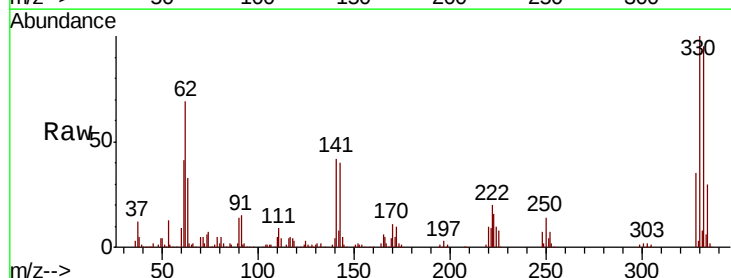


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

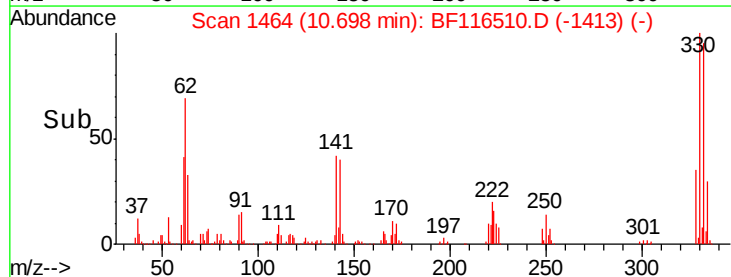
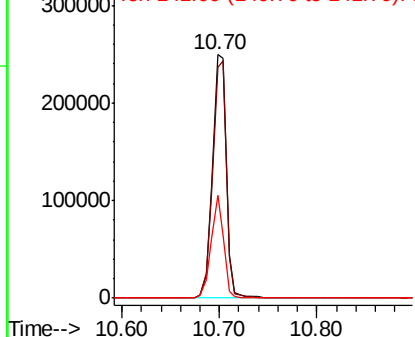


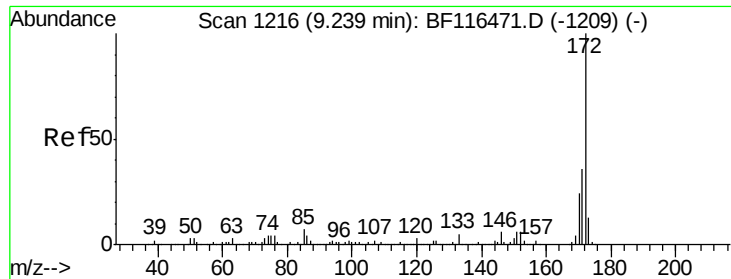
#42
 2,4,6-Tribromophenol
 Concen: 120.890 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116510.D
 Acq: 24 Aug 2019 9:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	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

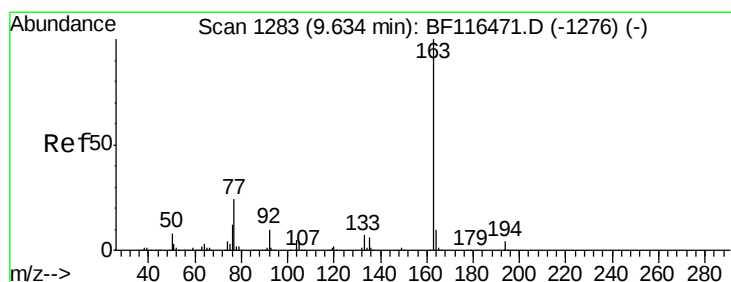
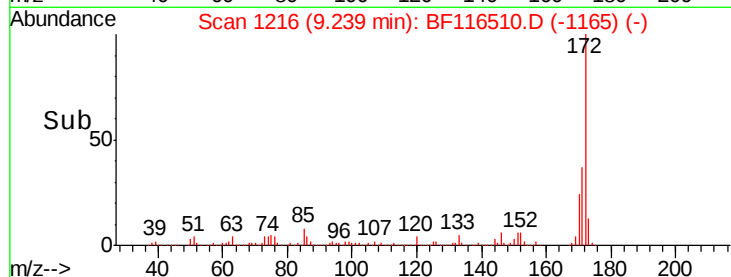
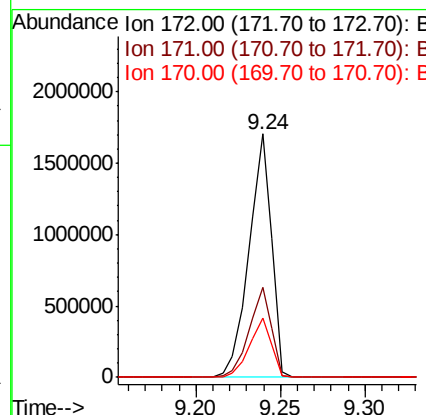
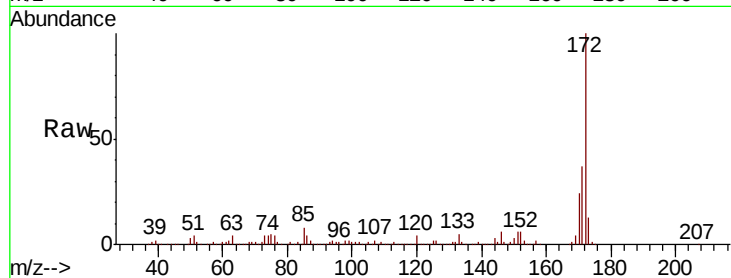




#45
2-Fluorobiphenyl
Concen: 108.275 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116510.D
Acq: 24 Aug 2019 9:09

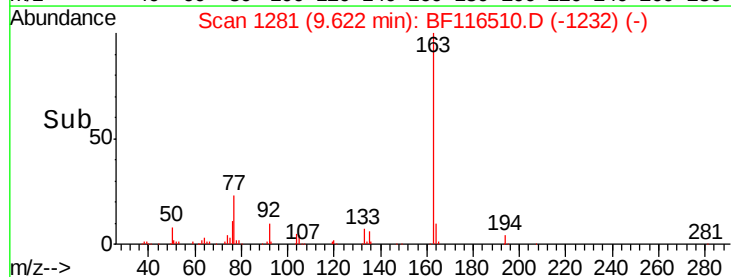
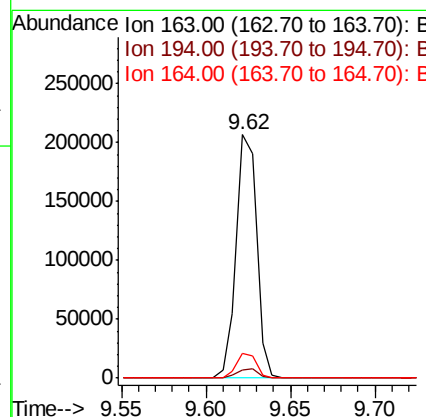
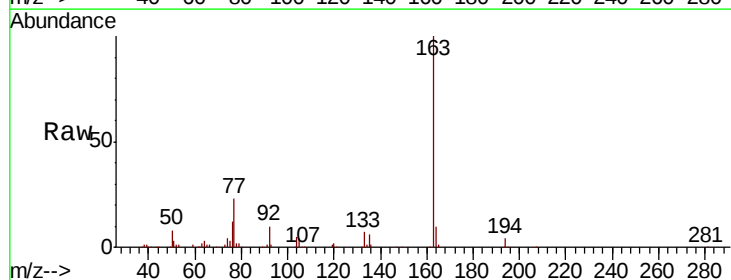
Instrument :
BNA_F
ClientSampleId :

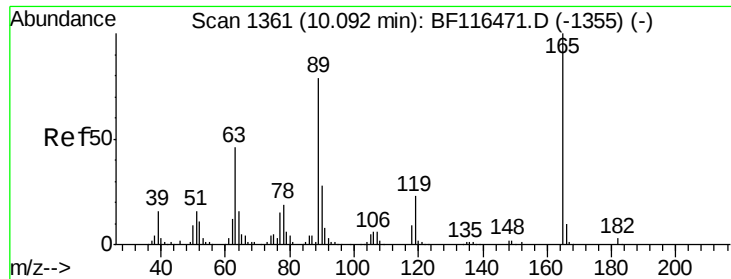
Tot Ion:172 Resp: 1593386
Ion Ratio Lower Upper
172 100
171 37.2 28.9 43.3
170 24.4 19.4 29.0



#50
Dimethylphthalate
Concen: 10.534 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF116510.D
Acq: 24 Aug 2019 9:09

Tgt Ion:163 Resp: 174182
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 10.1 8.2 12.2

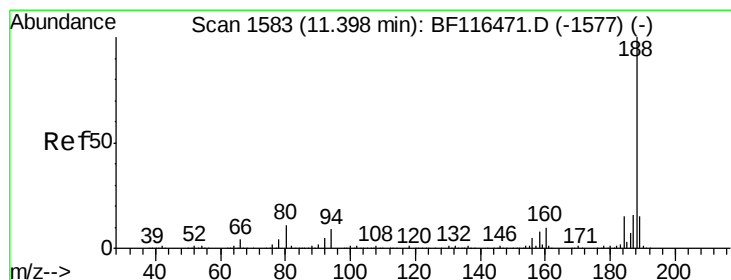
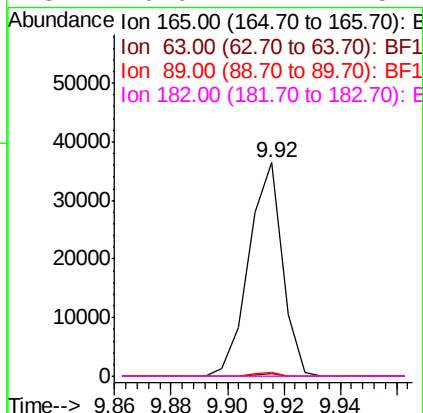
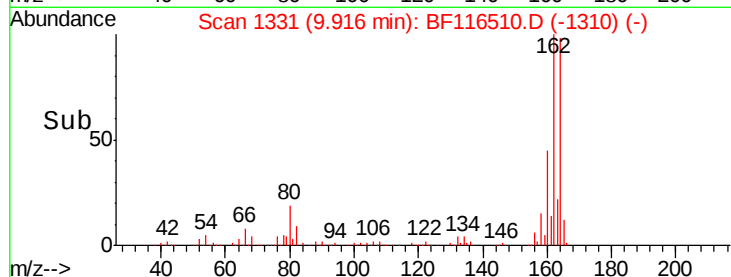
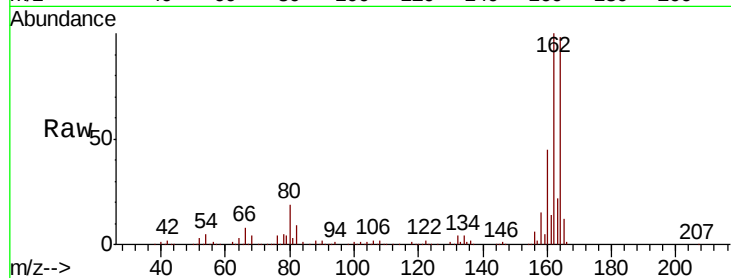




#57
 2,4-Dinitrotoluene
 Concen: 6.974 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.18 min
 Lab File: BF116510.D
 Acq: 24 Aug 2019 9:09

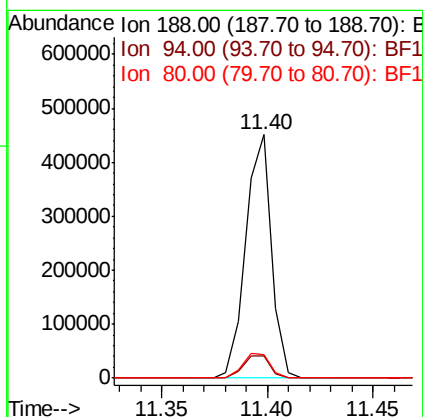
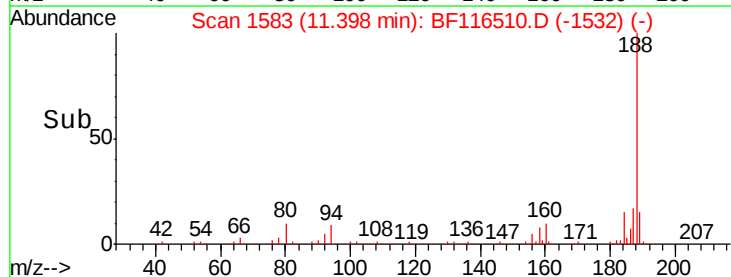
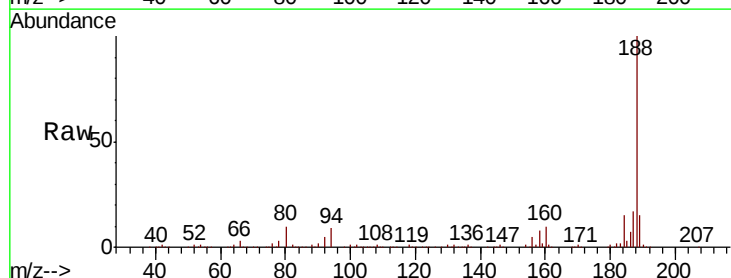
Instrument :
 BNA_F
 ClientSampleId :

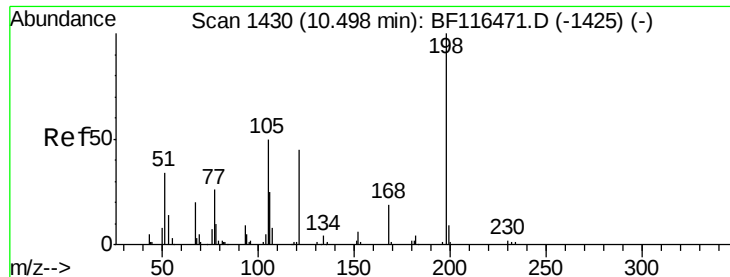
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.9	55.3#
89	1.7	63.4	95.0#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF116510.D
 Acq: 24 Aug 2019 9:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.4	11.2
80	9.7	8.6	12.8

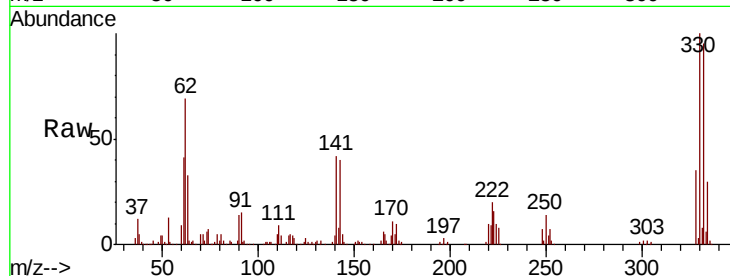




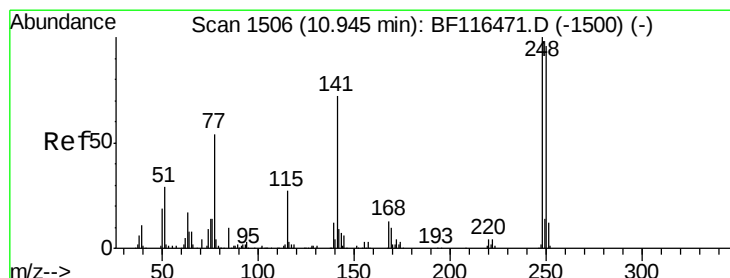
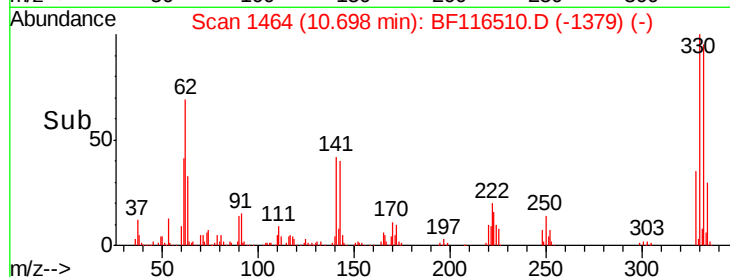
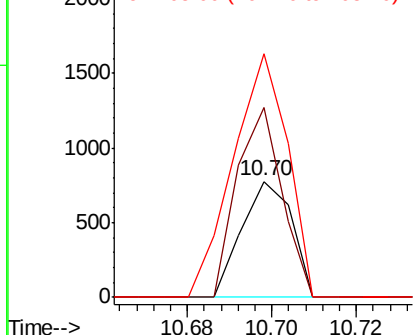
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.354 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.20 min
 Lab File: BF116510.D
 Acq: 24 Aug 2019 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 639
 Ion Ratio Lower Upper
 198 100
 51 163.5 30.4 70.4#
 105 209.9 32.8 72.8#

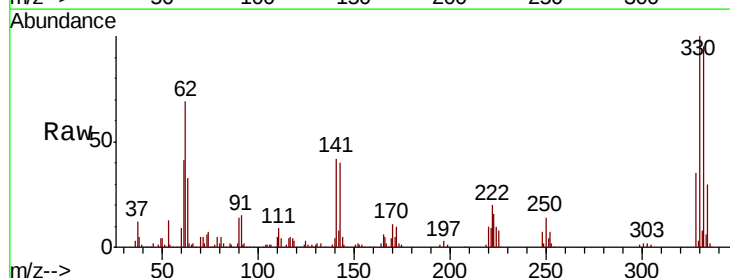


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

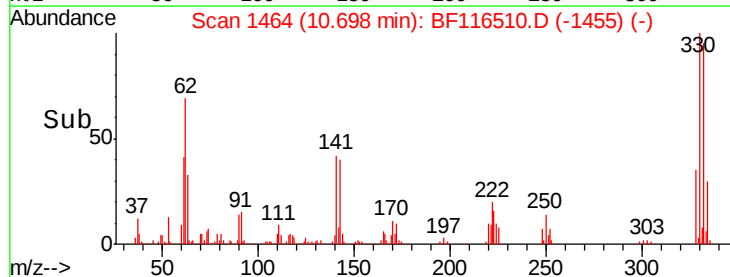
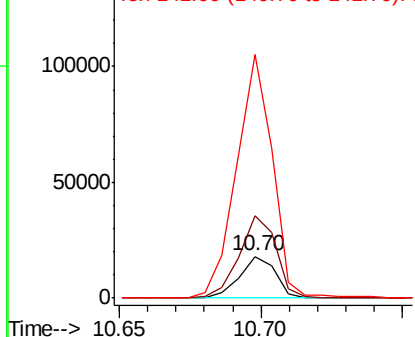


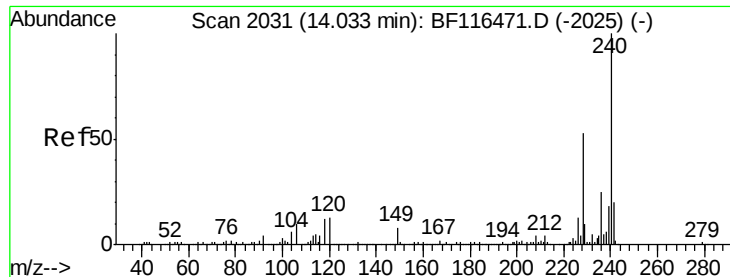
#67
 4-Bromophenyl-phenylether
 Concen: 3.985 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.25 min
 Lab File: BF116510.D
 Acq: 24 Aug 2019 9:09

Tgt Ion:248 Resp: 15935
 Ion Ratio Lower Upper
 248 100
 250 197.6 77.0 115.6#
 141 586.2 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: BF116510.D

Acq: 24 Aug 2019 9:09

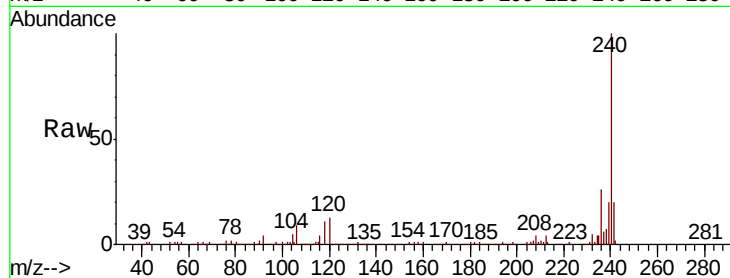
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 269780

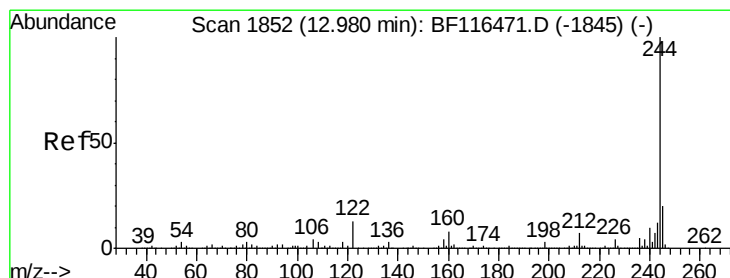
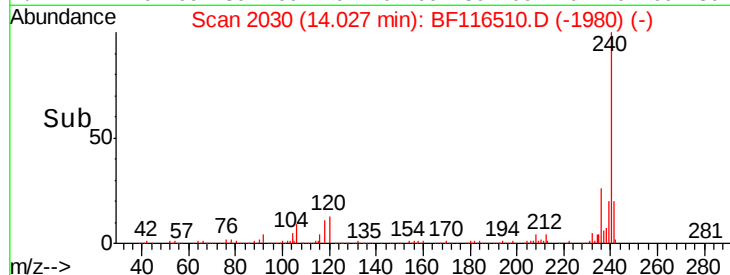
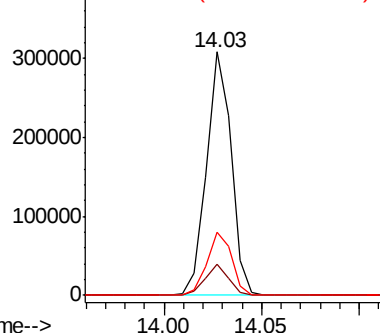
Ion	Ratio	Lower	Upper
240	100		
120	12.9	10.5	15.7
236	26.2	20.2	30.2



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: 101.724 ng

RT: 12.99 min Scan# 1853

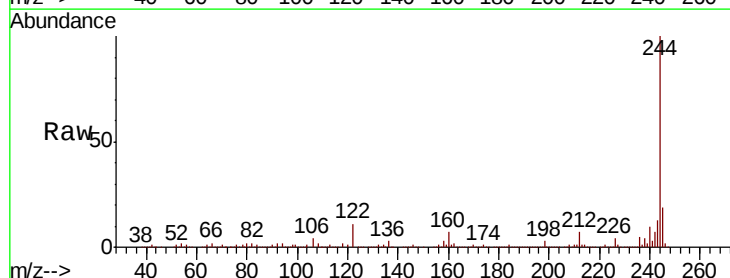
Delta R.T. 0.01 min

Lab File: BF116510.D

Acq: 24 Aug 2019 9:09

Tgt Ion:244 Resp: 1469191

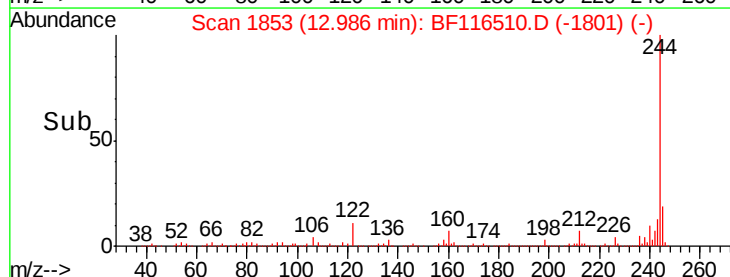
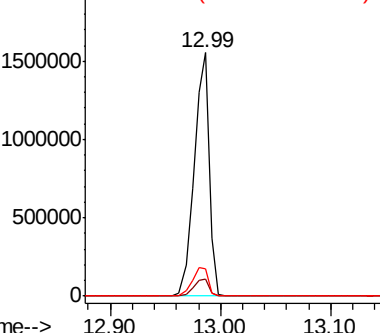
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	11.2	10.2	15.4

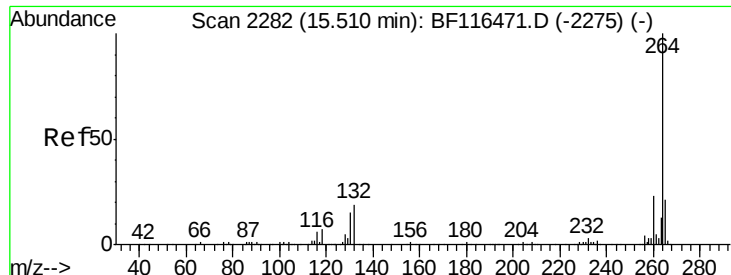


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

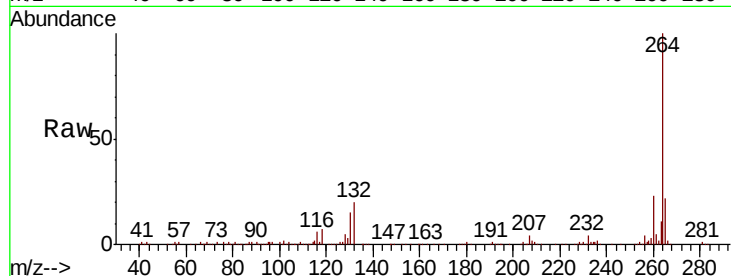




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF116510.D
Acq: 24 Aug 2019 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	21.6	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

