

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116505.D
 Acq On : 24 Aug 2019 6:55
 Operator : HP/JU
 Sample : K4461-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 02:04:41 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

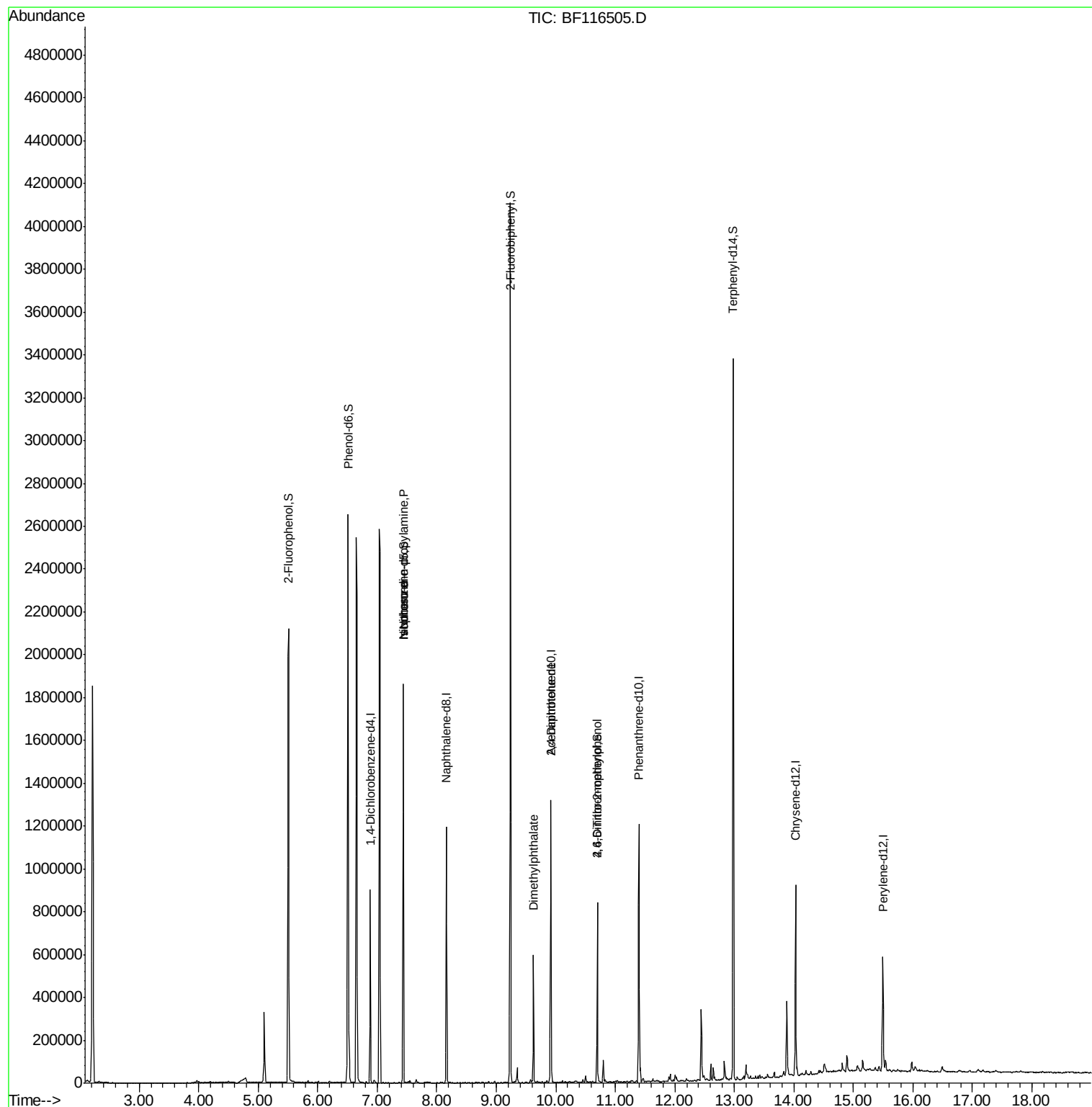
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	134530	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	497699	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	237787	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	375298	20.00	ng	0.00
76) Chrysene-d12	14.03	240	266221	20.00	ng	0.00
87) Perylene-d12	15.50	264	246669	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	615567	66.86	ng	0.01
7) Phenol-d6	6.51	99	956974	84.77	ng	0.00
23) Nitrobenzene-d5	7.44	82	623042	68.49	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	85833	42.04	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1194051	80.87	ng	0.00
79) Terphenyl-d14	12.98	244	1109608	77.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	82742	10.741	ng	# 77
25) Isophorone	7.44	82	623033	34.753	ng	# 67
50) Dimethylphthalate	9.63	163	230080	13.868	ng	99
57) 2,4-Dinitrotoluene	9.92	165	30906	7.152	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.70	198	120	7.072	ng	# 1

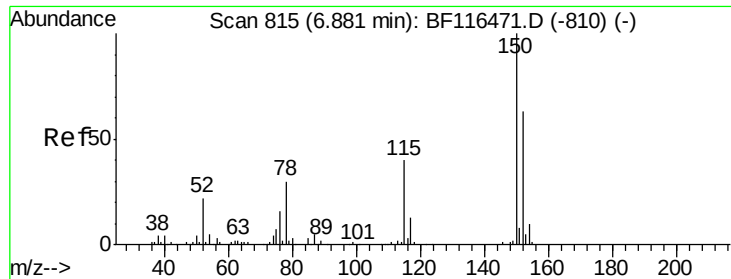
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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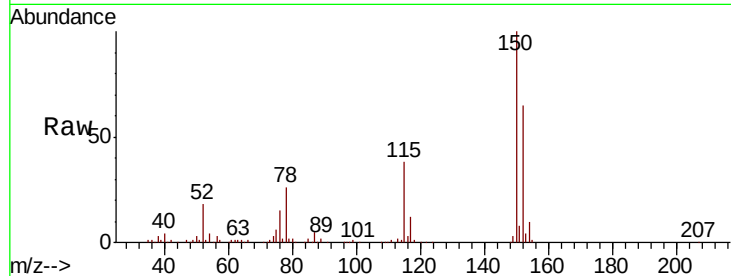


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF116505.D
Acq: 24 Aug 2019 6:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.7	190.1
115	59.0	50.9	76.3

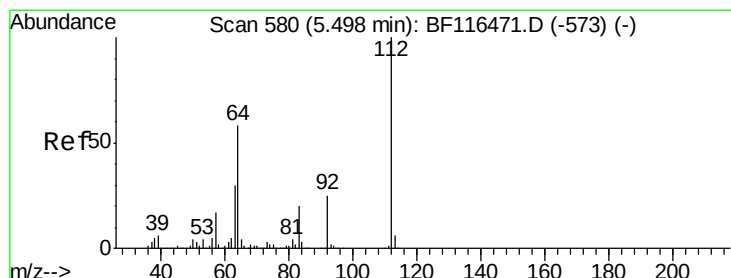
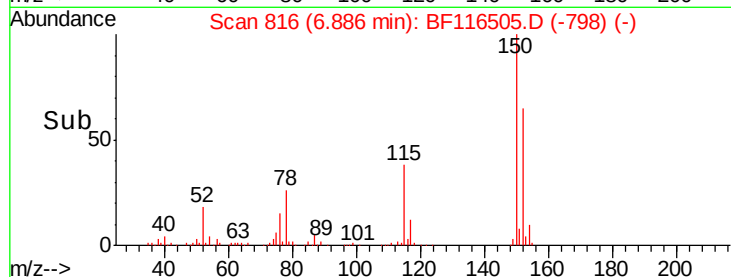
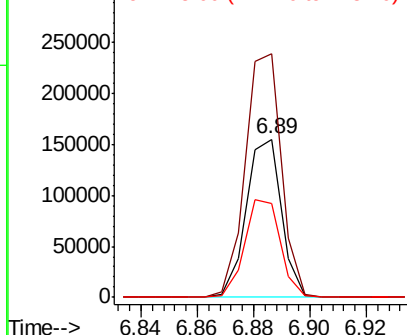


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

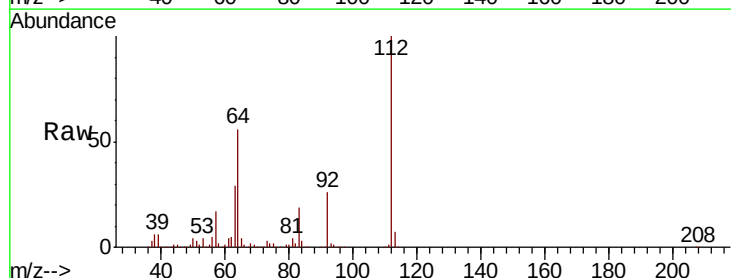
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 66.857 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF116505.D
Acq: 24 Aug 2019 6:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	46.3	69.5
63	29.5	24.2	36.4

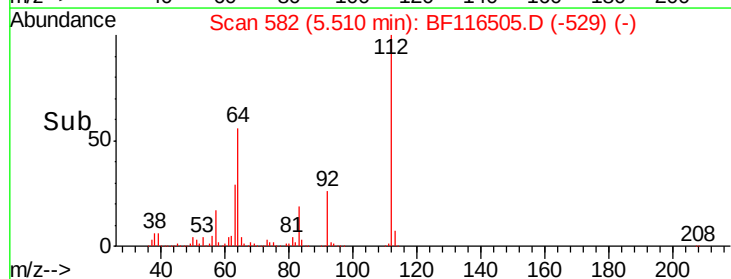
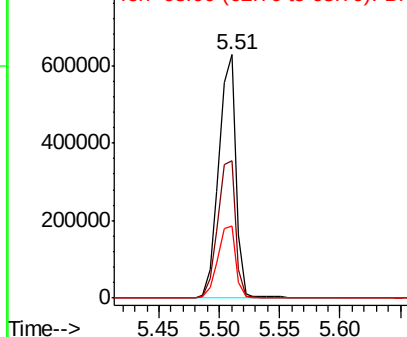


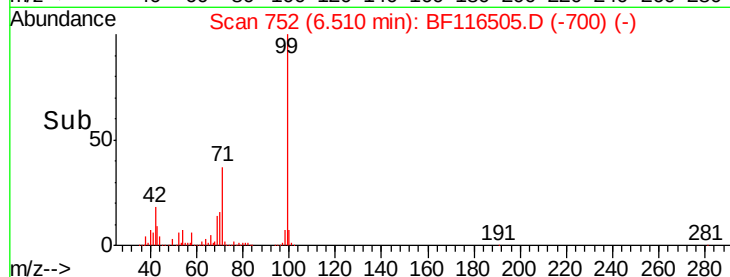
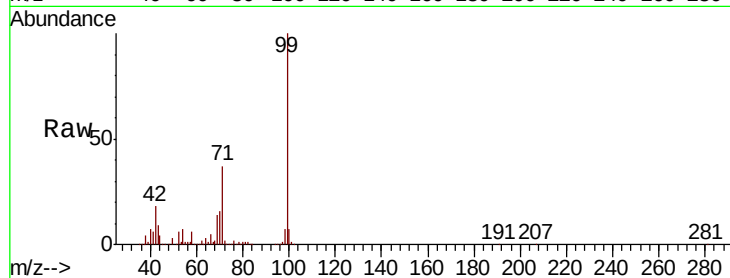
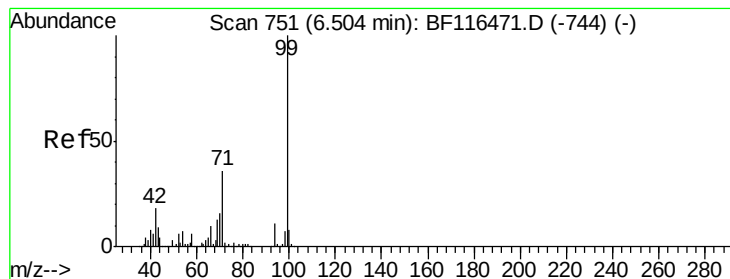
Abundance

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: 84.768 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116505.D

Acq: 24 Aug 2019 6:55

Instrument :

BNA_F

ClientSampleId :

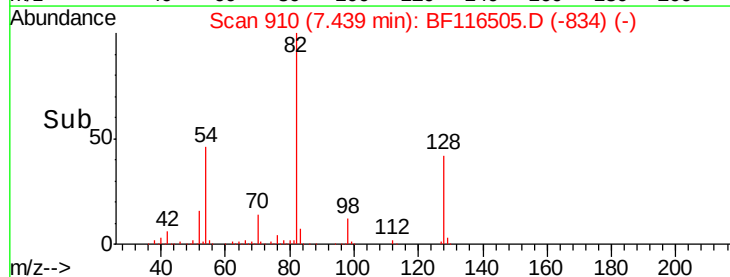
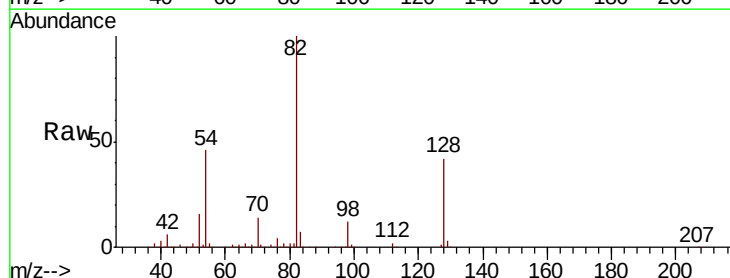
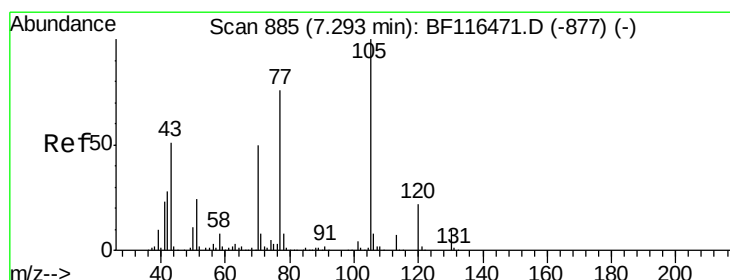
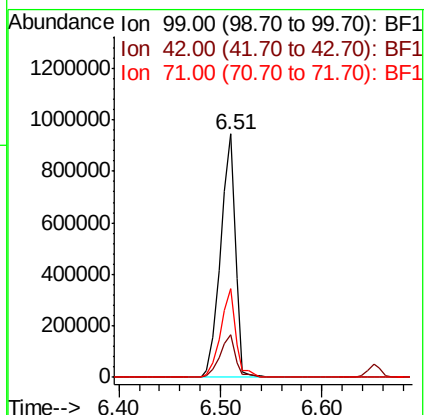
Tot Ion: 99 Resp: 956974

Ion Ratio Lower Upper

99 100

42 17.5 14.6 21.8

71 36.7 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 10.741 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF116505.D

Acq: 24 Aug 2019 6:55

Tgt Ion: 70 Resp: 82742

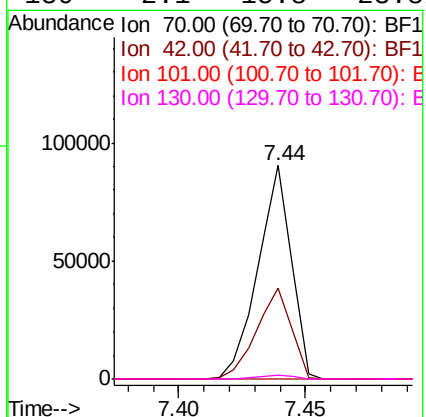
Ion Ratio Lower Upper

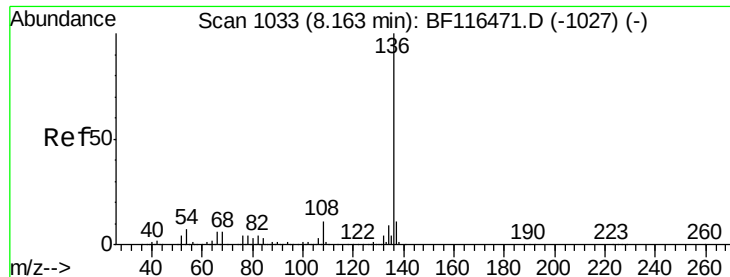
70 100

42 42.7 44.4 66.6#

101 0.0 7.1 10.7#

130 2.1 15.8 23.8#

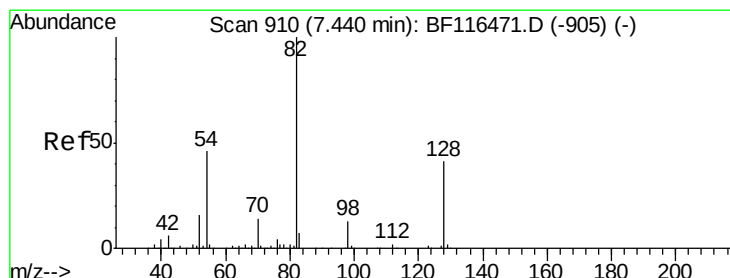
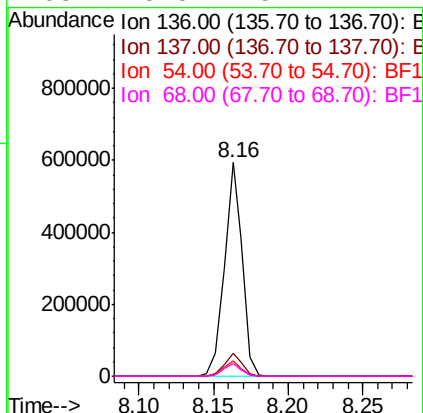
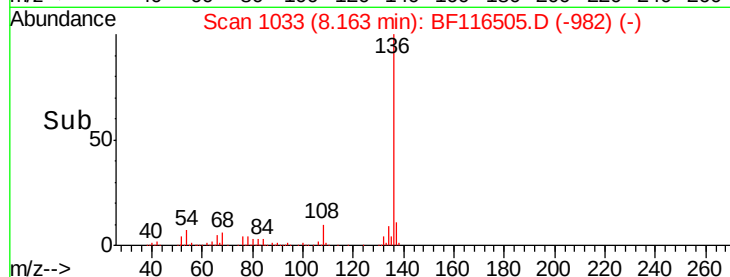
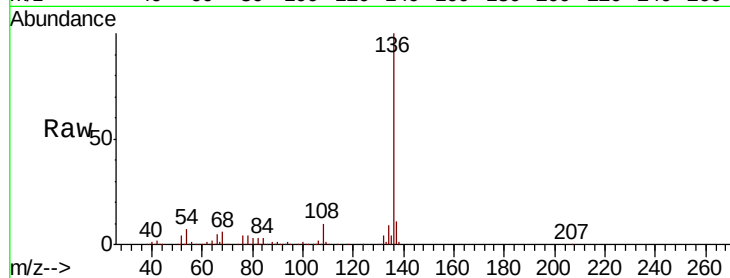




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116505.D
Acq: 24 Aug 2019 6:55

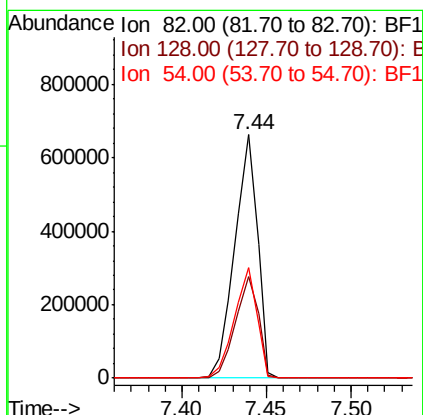
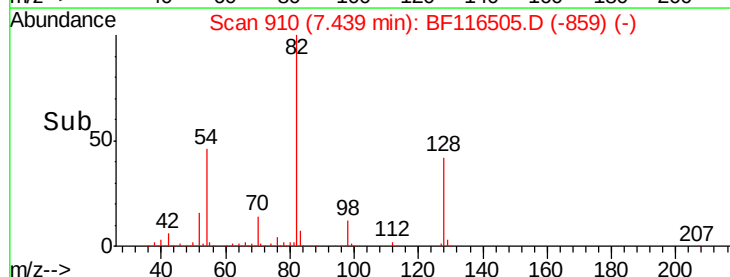
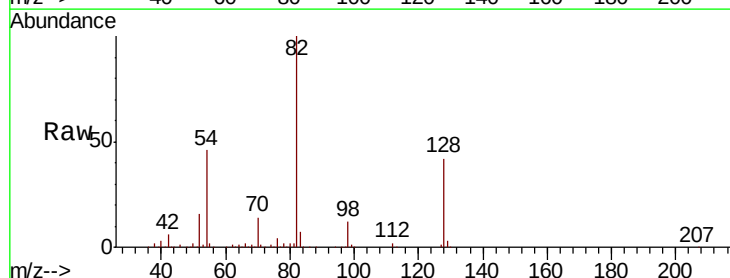
Instrument :
BNA_F
ClientSampleId :

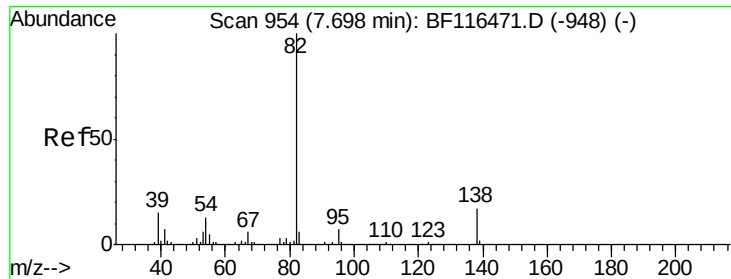
Tot Ion:136	Resp:	497699
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.4
54	6.9	5.8 8.6
68	6.0	5.1 7.7



#23
Nitrobenzene-d5
Concen: 68.488 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF116505.D
Acq: 24 Aug 2019 6:55

Tgt Ion: 82	Resp:	623042
Ion Ratio	Lower	Upper
82	100	
128	41.7	32.2 48.4
54	45.5	36.5 54.7





#25

Isophorone

Concen: 34.753 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF116505.D

Acq: 24 Aug 2019 6:55

Instrument :

BNA_F

ClientSampled :

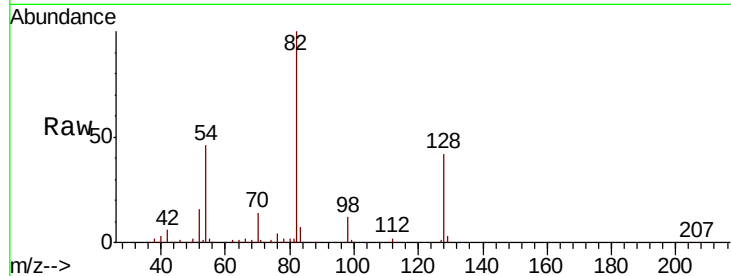
Tot Ion: 82 Resp: 623033

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

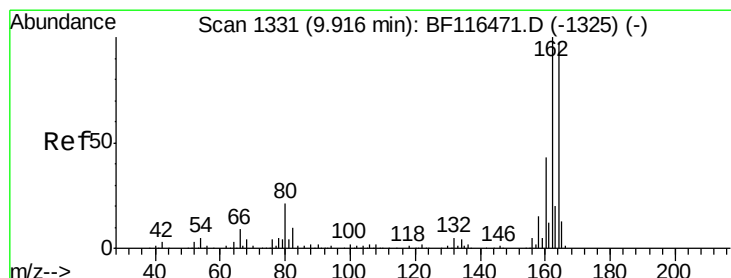
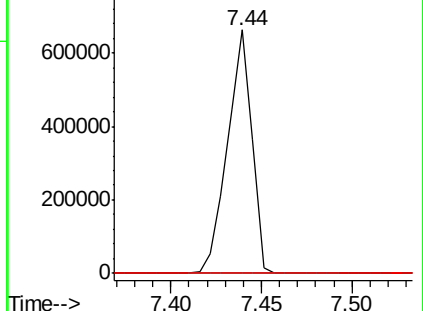
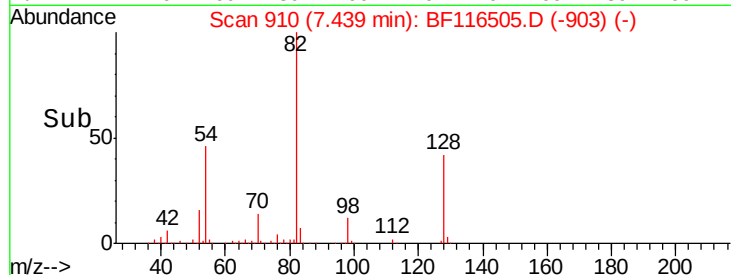
138 0.0 13.3 19.9#



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: BF116505.D

Acq: 24 Aug 2019 6:55

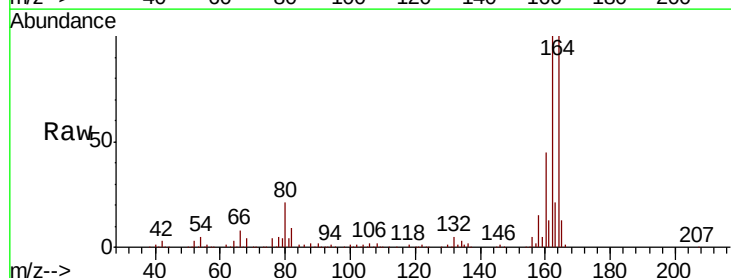
Tgt Ion: 164 Resp: 237787

Ion Ratio Lower Upper

164 100

162 99.9 82.6 123.8

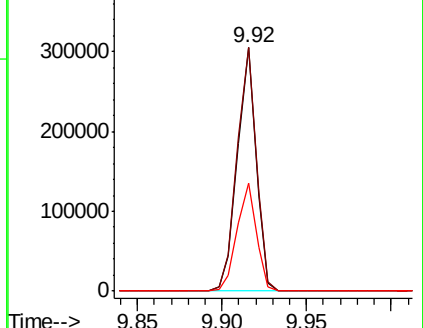
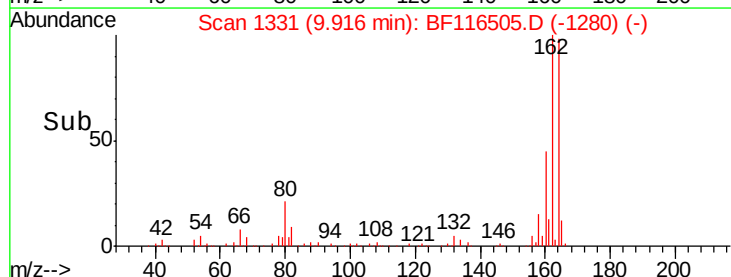
160 44.5 35.8 53.8

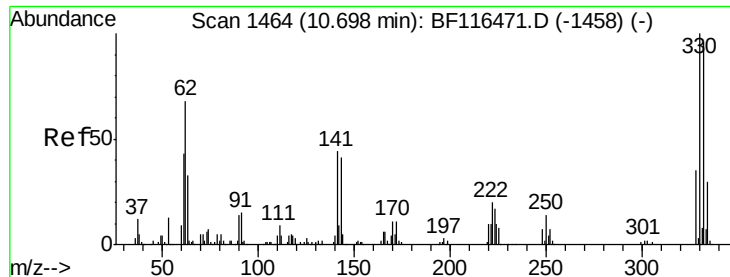


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

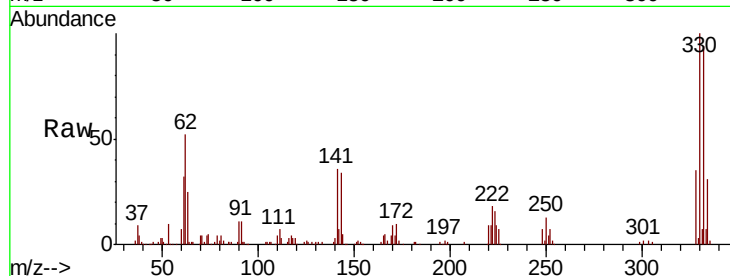




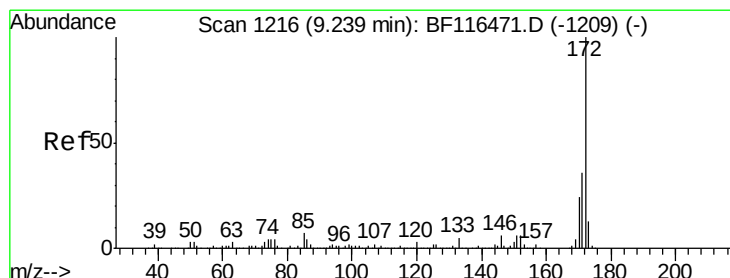
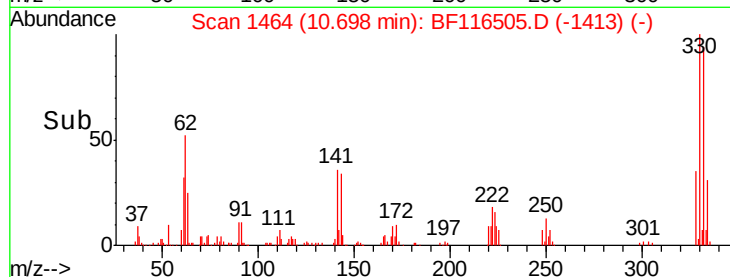
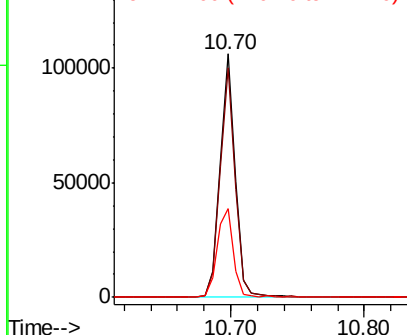
#42
 2,4,6-Tribromophenol
 Concen: 42.038 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116505.D
 Acq: 24 Aug 2019 6:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 85833
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.2 115.8
 141 38.9 33.3 49.9

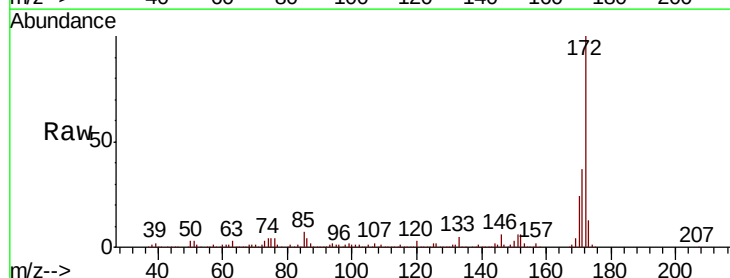


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

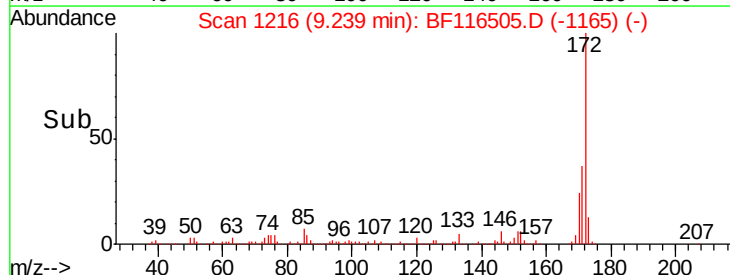
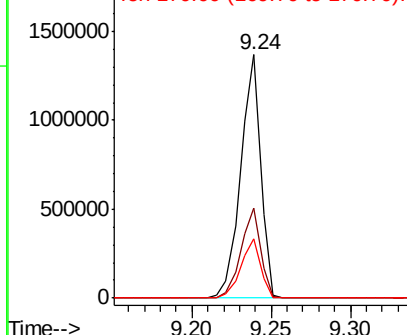


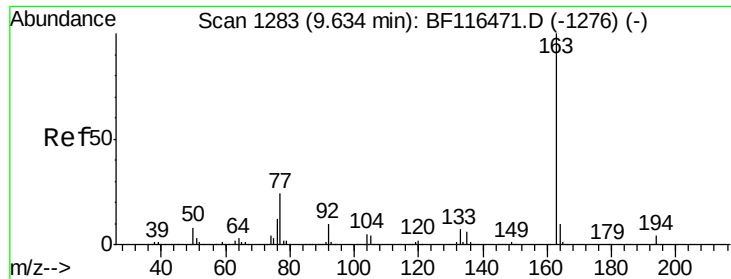
#45
 2-Fluorobiphenyl
 Concen: 80.867 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF116505.D
 Acq: 24 Aug 2019 6:55

Tgt Ion:172 Resp: 1194051
 Ion Ratio Lower Upper
 172 100
 171 36.9 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

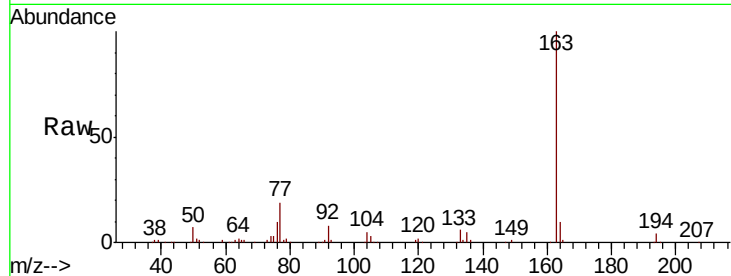




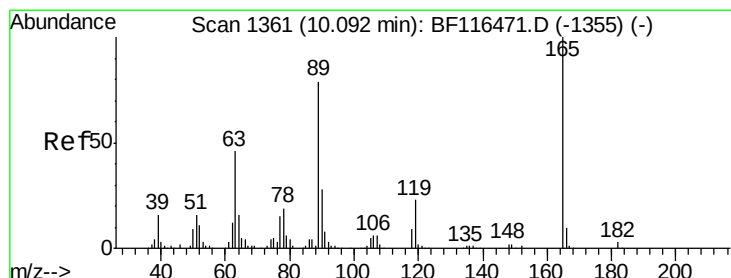
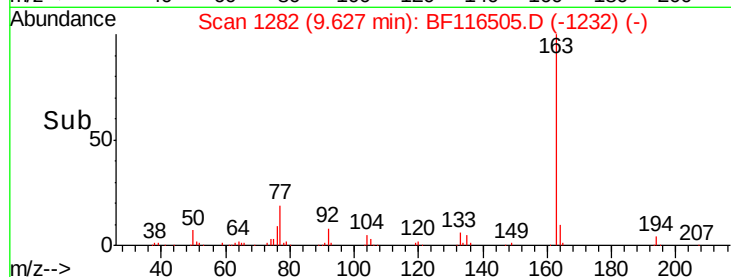
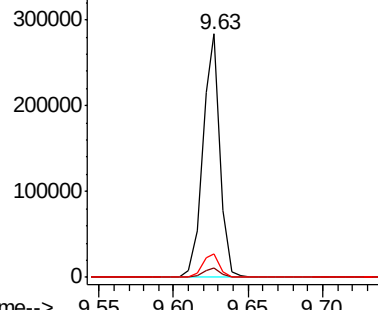
#50
Dimethylphthalate
Concen: 13.868 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF116505.D
Acq: 24 Aug 2019 6:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.9	4.3
164	9.9	8.2	12.2



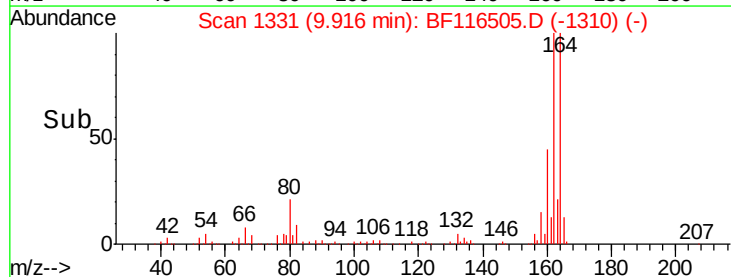
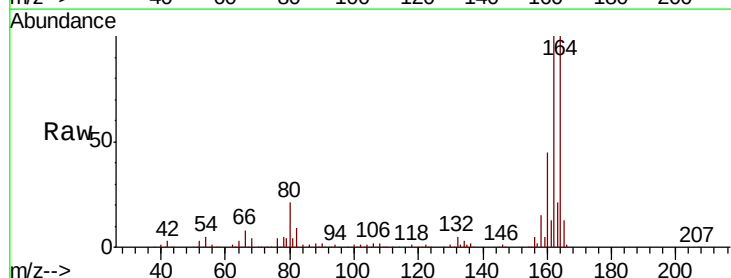
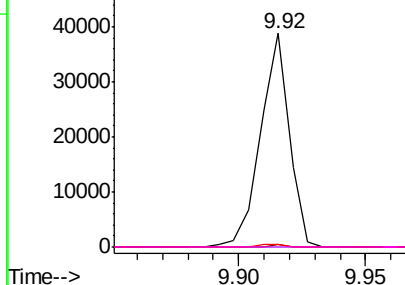
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

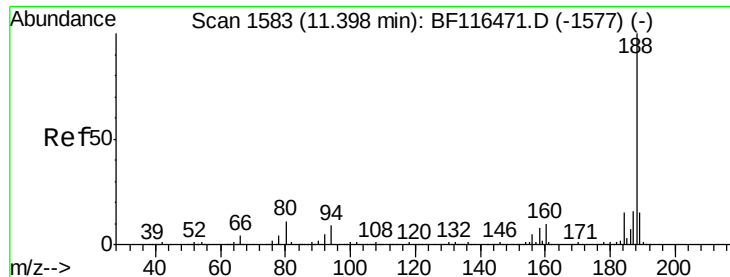


#57
2,4-Dinitrotoluene
Concen: 7.152 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.18 min
Lab File: BF116505.D
Acq: 24 Aug 2019 6:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	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: BF116505.D

Acq: 24 Aug 2019 6:55

Instrument :

BNA_F

ClientSampleId :

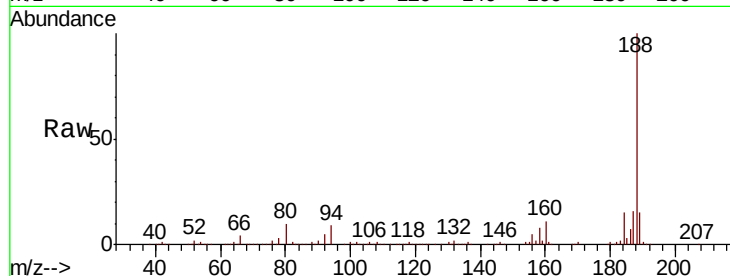
Tot Ion:188 Resp: 375298

Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

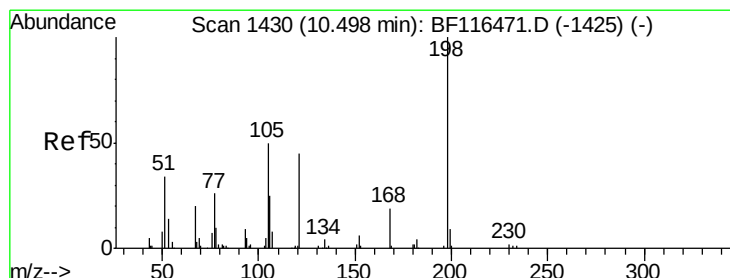
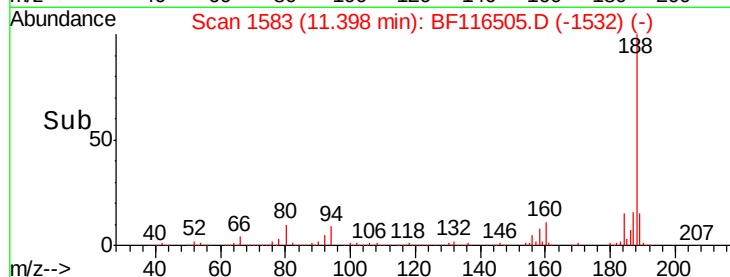
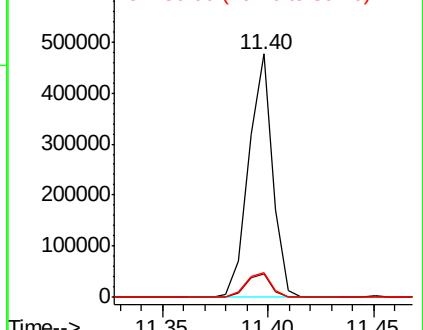
80 10.4 8.6 12.8



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: 7.072 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.20 min

Lab File: BF116505.D

Acq: 24 Aug 2019 6:55

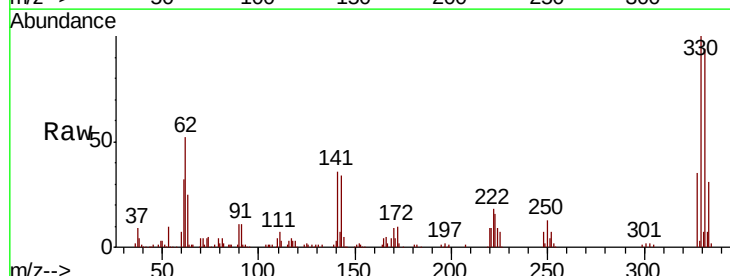
Tgt Ion:198 Resp: 120

Ion Ratio Lower Upper

198 100

51 228.7 30.4 70.4#

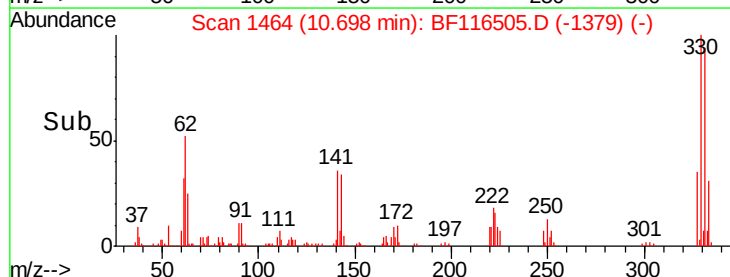
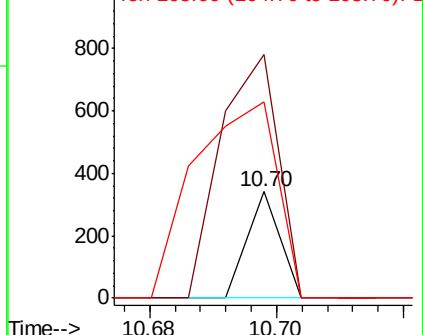
105 184.8 32.8 72.8#

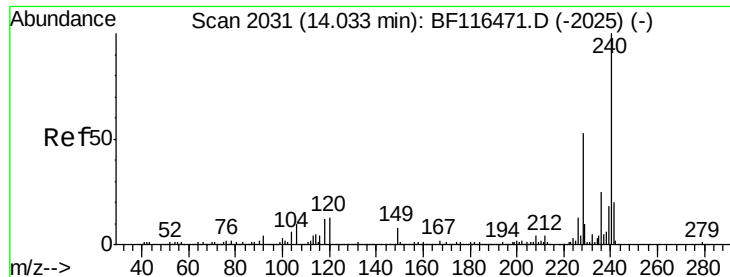


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF116505.D

Acq: 24 Aug 2019 6:55

Instrument :

BNA_F

ClientSampleId :

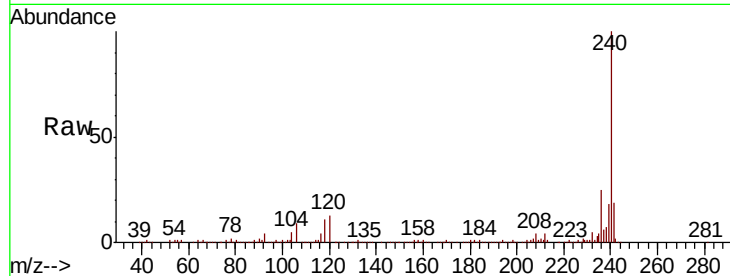
Tot Ion:240 Resp: 266221

Ion Ratio Lower Upper

240 100

120 12.7 10.5 15.7

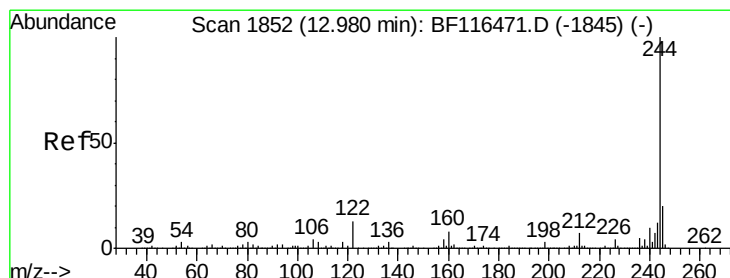
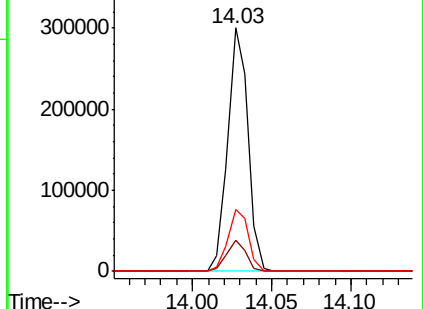
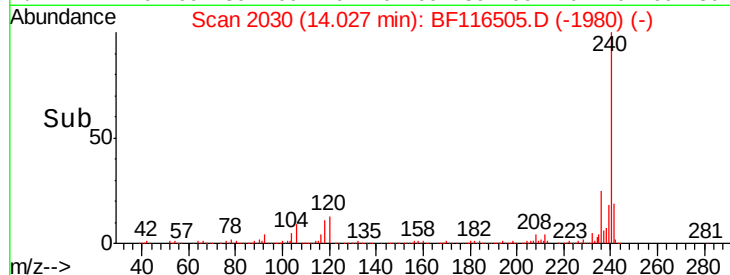
236 25.3 20.2 30.2



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: 77.854 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116505.D

Acq: 24 Aug 2019 6:55

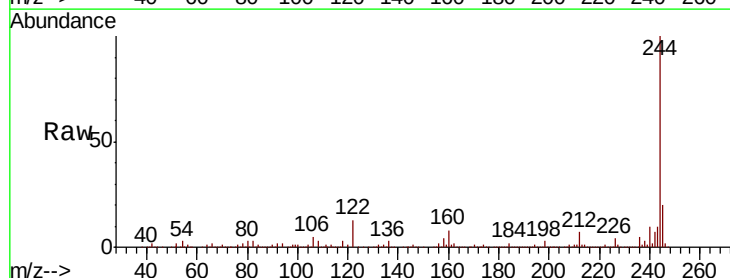
Tgt Ion:244 Resp: 1109608

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

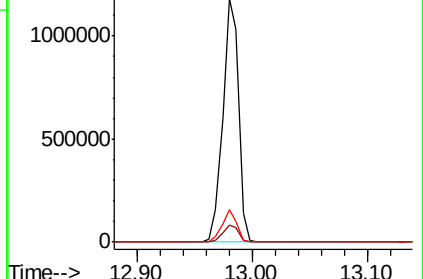
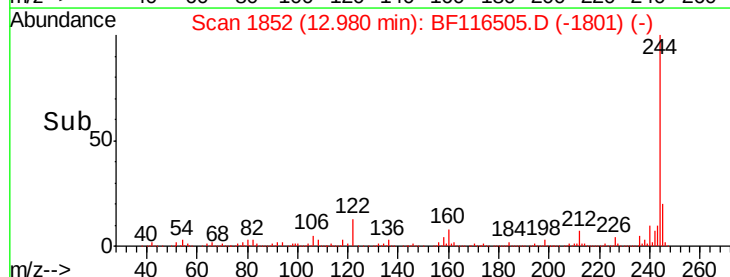
122 13.1 10.2 15.4

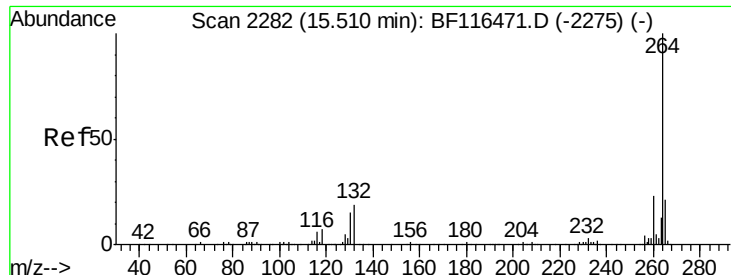


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

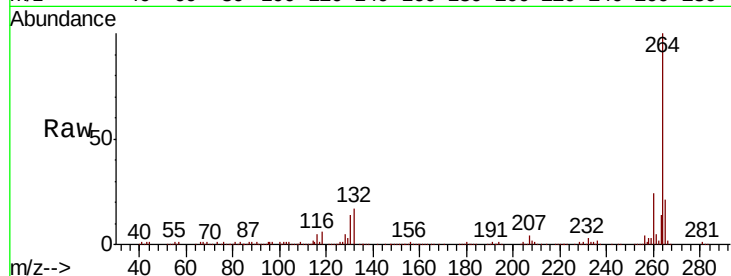




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116505.D
Acq: 24 Aug 2019 6:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	21.2	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

