

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082619\
 Data File : BF116570.D
 Acq On : 26 Aug 2019 13:12
 Operator : HP/JU
 Sample : PB122482BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122482BL

Quant Time: Aug 27 04:11:19 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

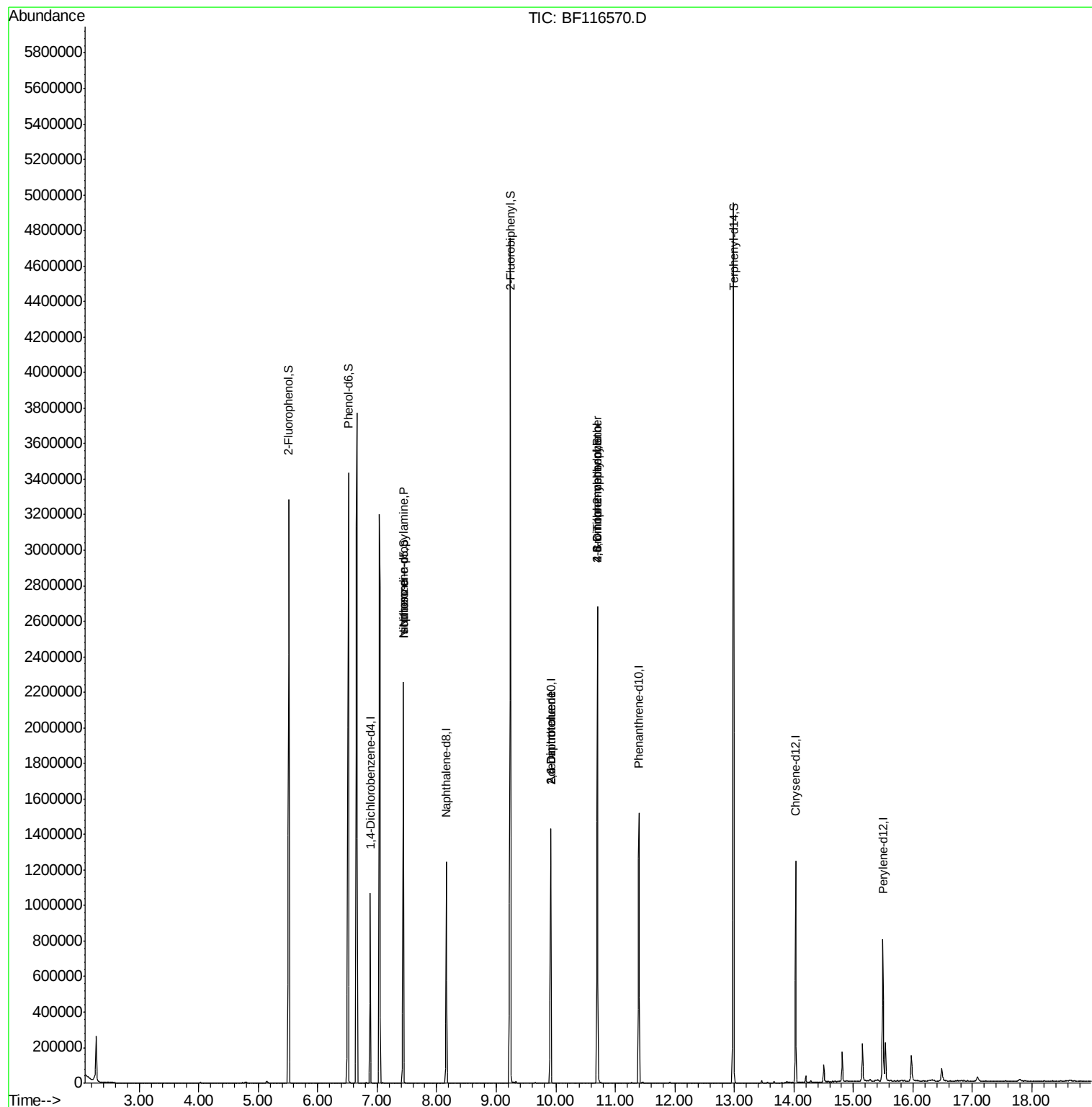
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	143467	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	569027	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	302998	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	535605	20.00	ng	0.00
76) Chrysene-d12	14.03	240	401112	20.00	ng	0.00
87) Perylene-d12	15.50	264	363902	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1041683	106.09	ng	0.02
7) Phenol-d6	6.52	99	1364245	113.32	ng	0.01
23) Nitrobenzene-d5	7.44	82	896458	86.19	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	362077	139.17	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1618520	86.02	ng	0.00
79) Terphenyl-d14	12.99	244	1795488	83.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	122434	14.903	ng	# 79
25) Isophorone	7.44	82	892831	43.560	ng	# 67
51) 2,6-Dinitrotoluene	9.92	165	38377	8.869	ng	# 25
57) 2,4-Dinitrotoluene	9.92	165	38377	6.970	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.70	198	746	7.295	ng	# 1
67) 4-Bromophenyl-phenylether	10.70	248	23771	4.233	ng	# 1

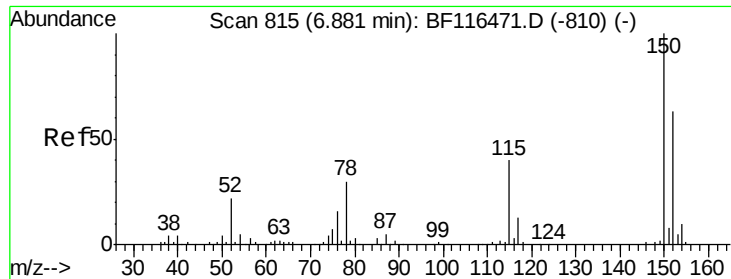
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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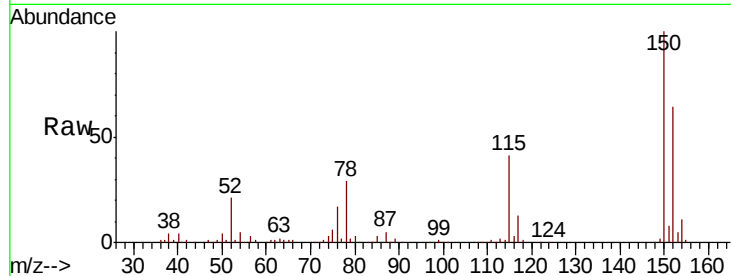




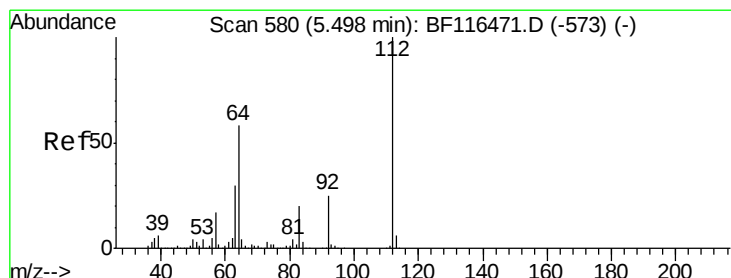
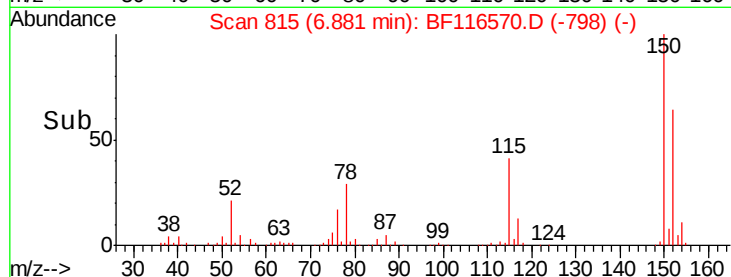
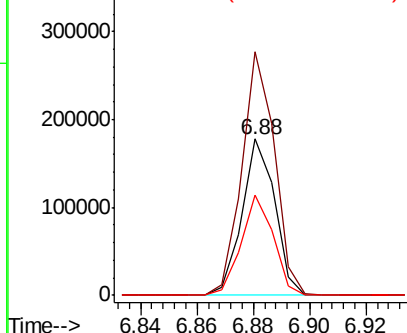
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF116570.D
 Acq: 26 Aug 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB122482BL

Tgt Ion:152 Resp: 143467
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.7 190.1
 115 64.1 50.9 76.3

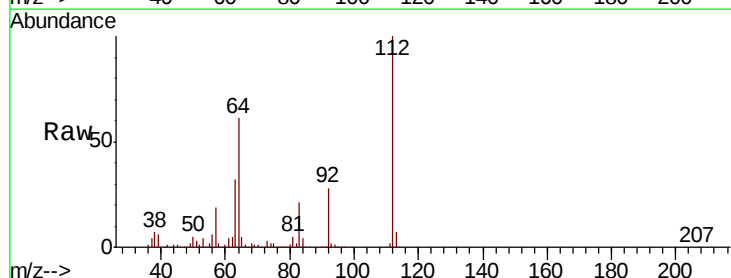


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

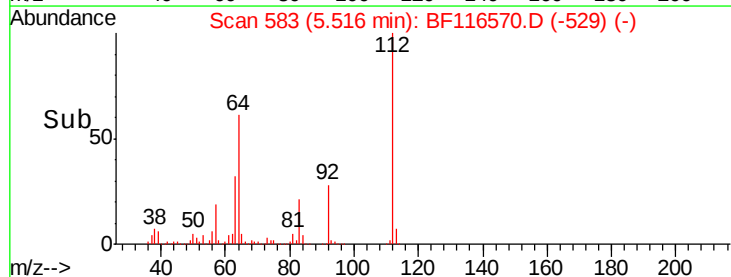
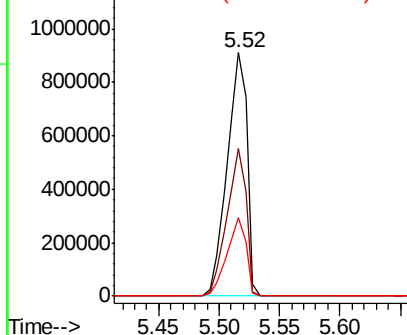


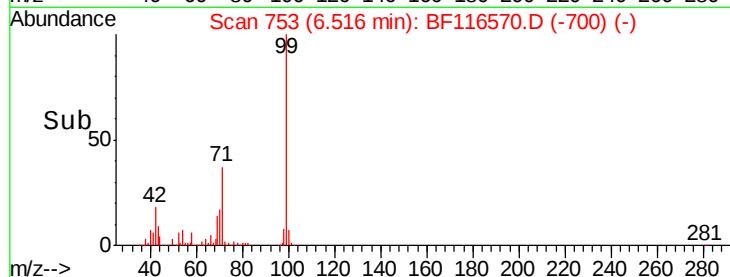
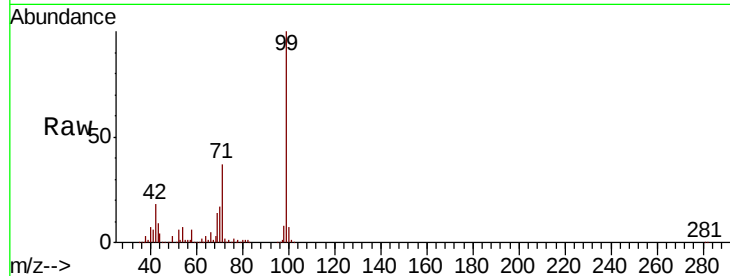
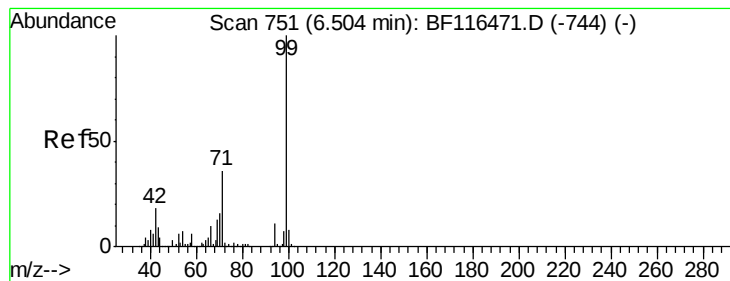
#5
 2-Fluorophenol
 Concen: 106.091 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.02 min
 Lab File: BF116570.D
 Acq: 26 Aug 2019 13:12

Tgt Ion:112 Resp: 1041683
 Ion Ratio Lower Upper
 112 100
 64 60.9 46.3 69.5
 63 32.3 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: 113.316 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116570.D

Acq: 26 Aug 2019 13:12

Instrument :

BNA_F

ClientSampleId :

PB122482BL

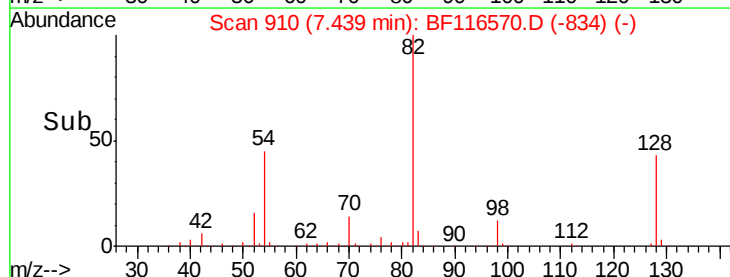
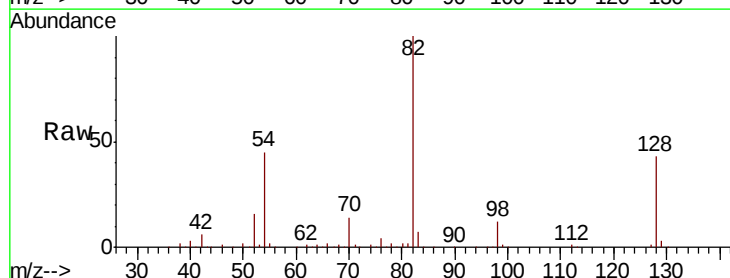
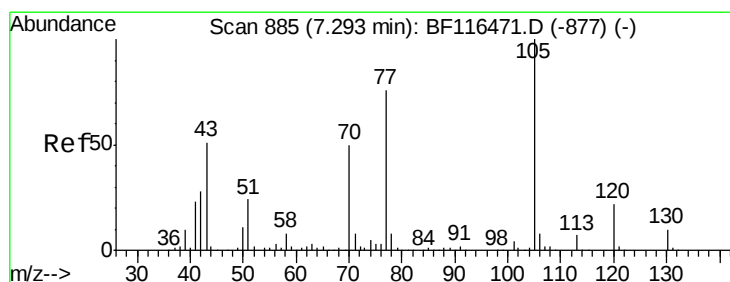
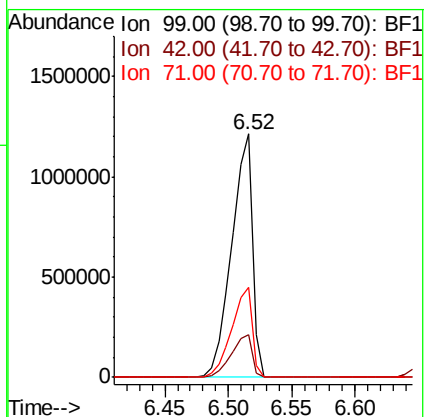
Tgt Ion: 99 Resp: 1364245

Ion Ratio Lower Upper

99 100

42 17.7 14.6 21.8

71 37.1 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 14.903 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF116570.D

Acq: 26 Aug 2019 13:12

Tgt Ion: 70 Resp: 122434

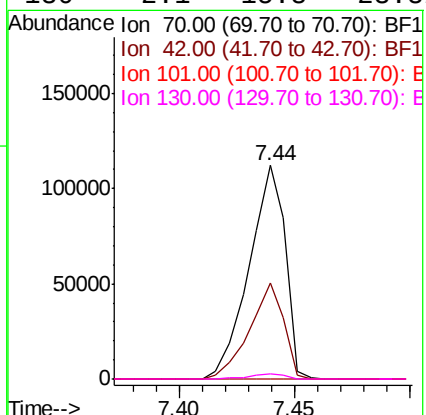
Ion Ratio Lower Upper

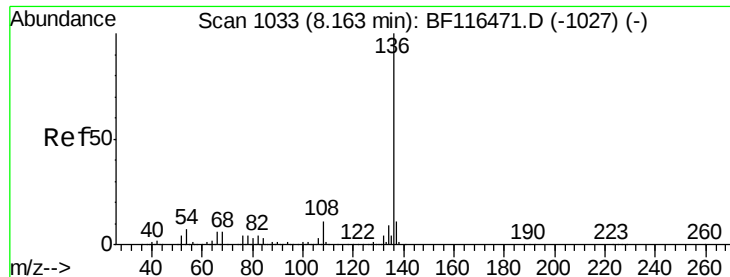
70 100

42 44.7 44.4 66.6

101 0.0 7.1 10.7#

130 2.1 15.8 23.8#

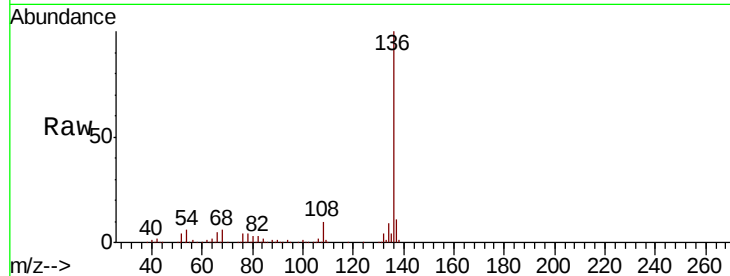




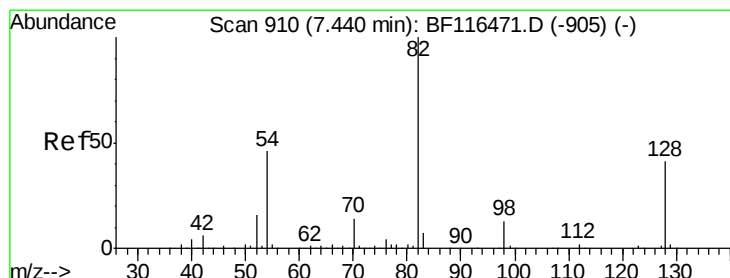
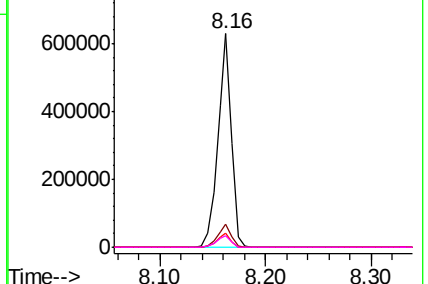
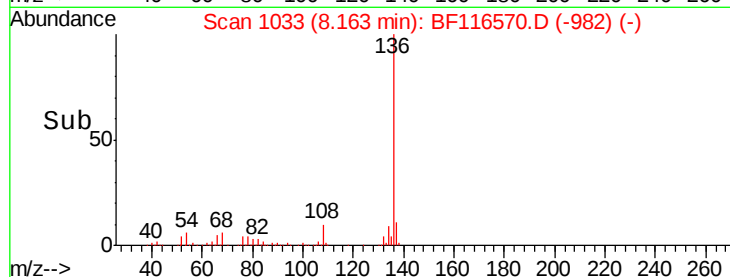
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116570.D
Acq: 26 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB122482BL

Tgt Ion:	136	Resp:	569027
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.4	5.8	8.6
68	5.7	5.1	7.7

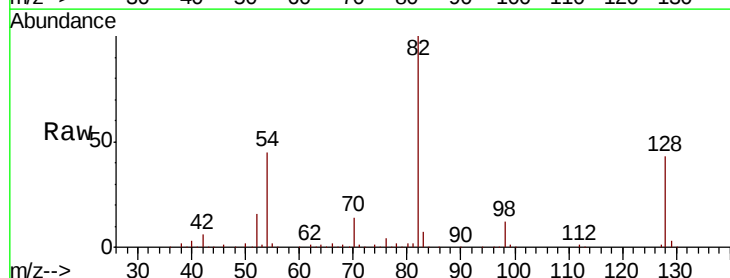


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

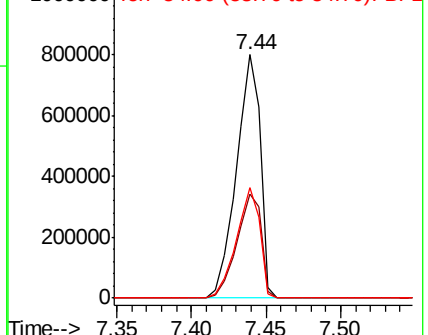
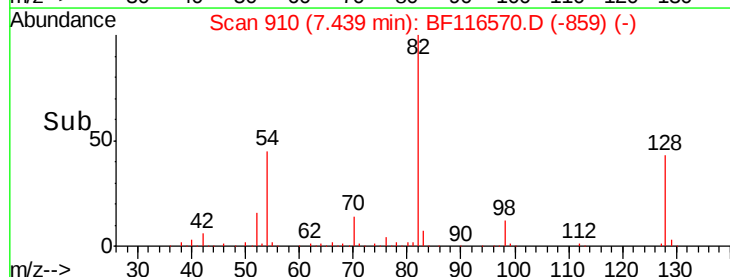


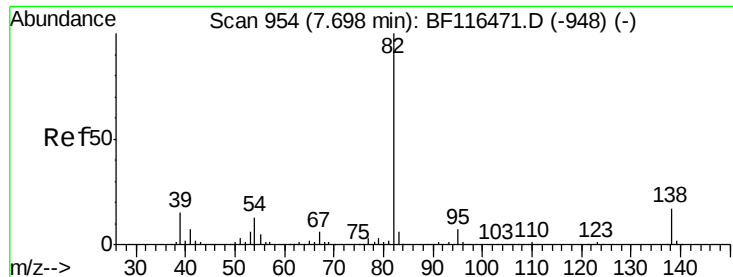
#23
Nitrobenzene-d5
Concen: 86.191 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF116570.D
Acq: 26 Aug 2019 13:12

Tgt Ion:	82	Resp:	896458
Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.2	48.4
54	45.3	36.5	54.7



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





#25

Isophorone

Concen: 43.560 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF116570.D

Acq: 26 Aug 2019 13:12

Instrument :

BNA_F

ClientSampleId :

PB122482BL

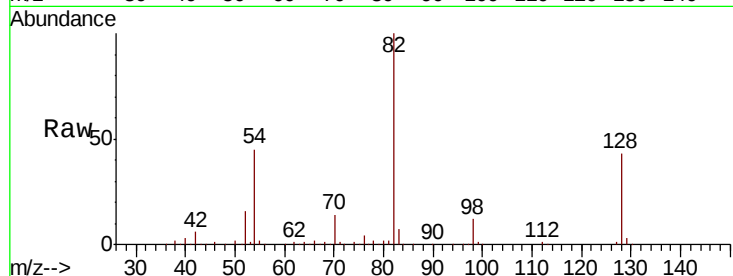
Tgt Ion: 82 Resp: 892831

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

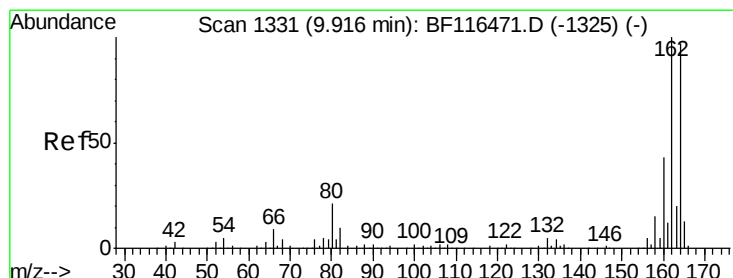
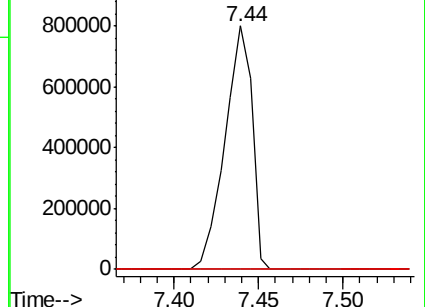
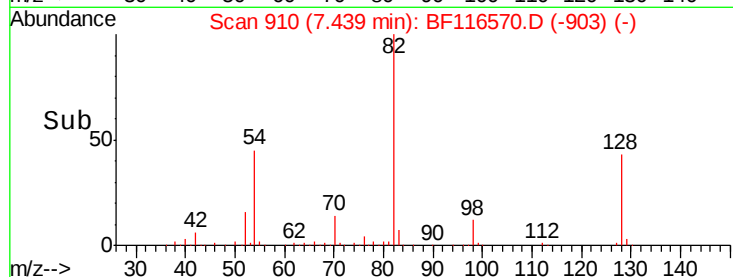
138 0.0 13.3 19.9#



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: BF116570.D

Acq: 26 Aug 2019 13:12

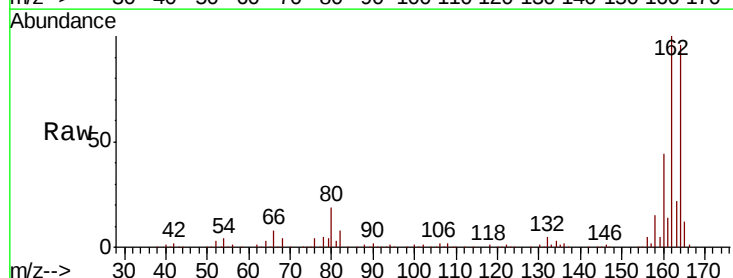
Tgt Ion: 164 Resp: 302998

Ion Ratio Lower Upper

164 100

162 104.7 82.6 123.8

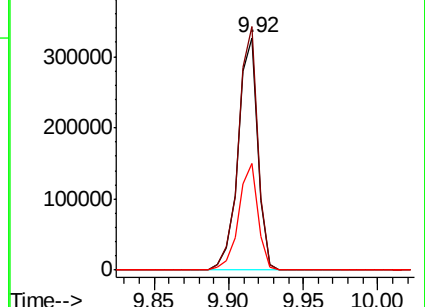
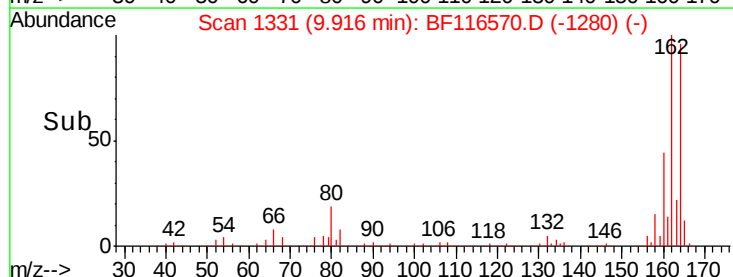
160 45.8 35.8 53.8

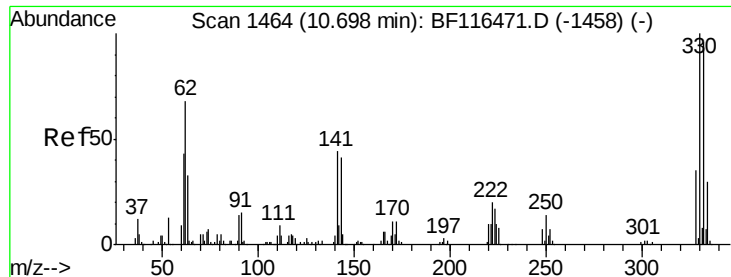


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

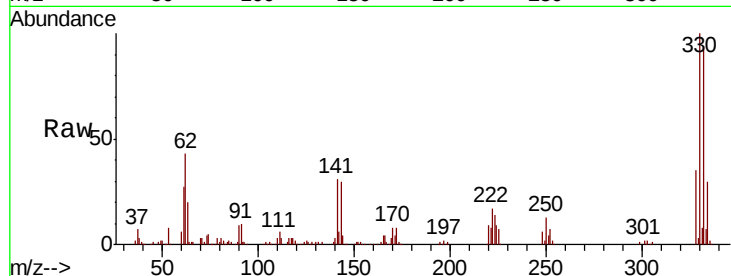




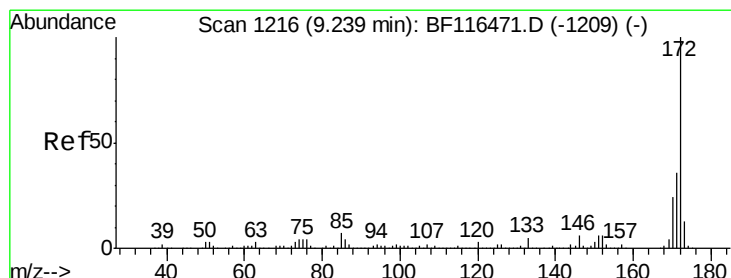
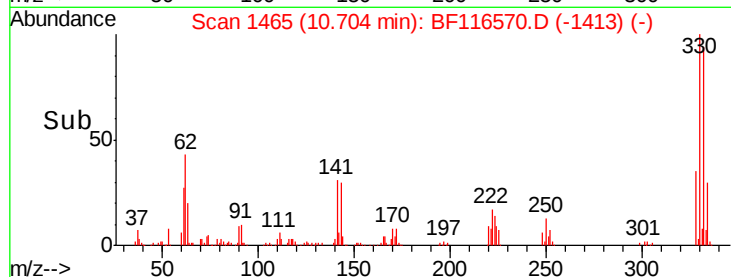
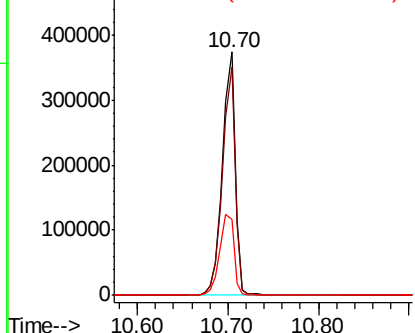
#42
 2,4,6-Tribromophenol
 Concen: 139.166 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.01 min
 Lab File: BF116570.D
 Acq: 26 Aug 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB122482BL

Tgt Ion:330 Resp: 362077
 Ion Ratio Lower Upper
 330 100
 332 93.7 77.2 115.8
 141 37.4 33.3 49.9

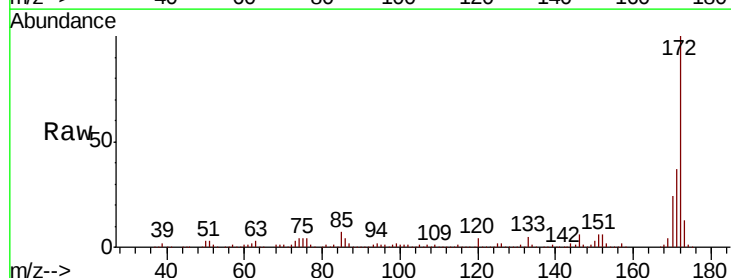


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

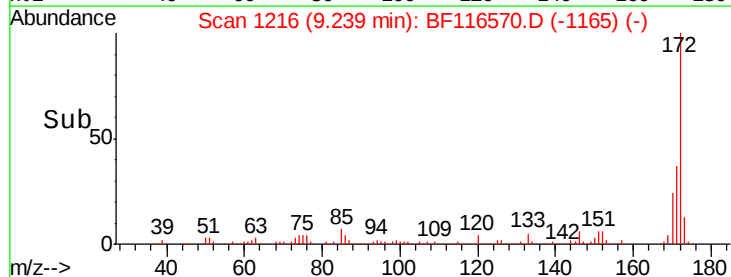
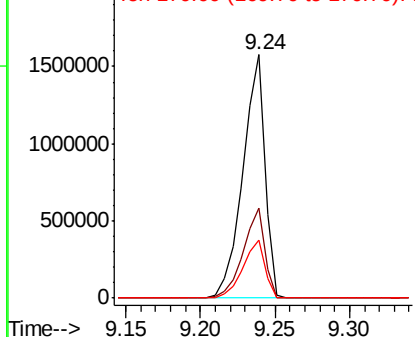


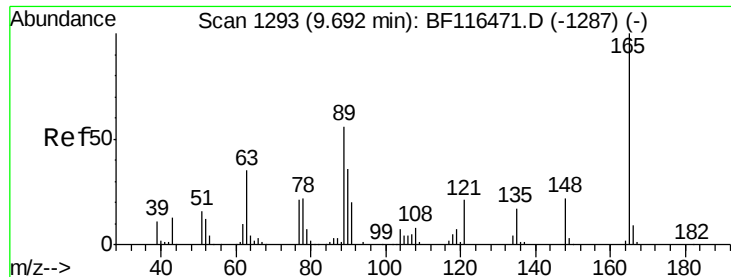
#45
 2-Fluorobiphenyl
 Concen: 86.023 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF116570.D
 Acq: 26 Aug 2019 13:12

Tgt Ion:172 Resp: 1618520
 Ion Ratio Lower Upper
 172 100
 171 37.0 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

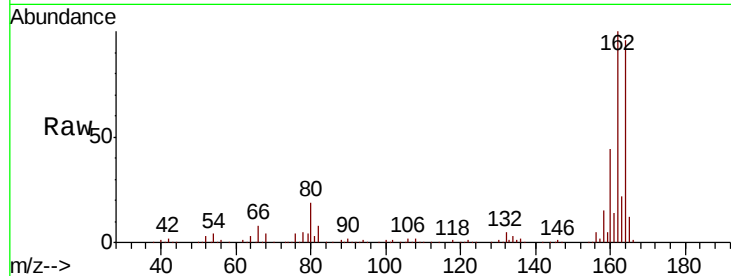




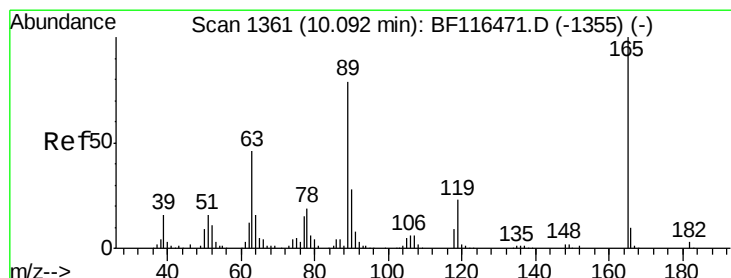
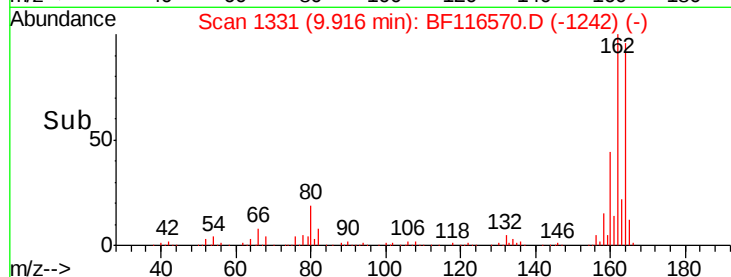
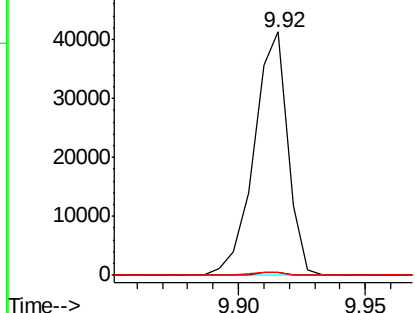
#51
 2,6-Dinitrotoluene
 Concen: 8.869 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.22 min
 Lab File: BF116570.D
 Acq: 26 Aug 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB122482BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.7	65.5#
89	1.5	45.1	67.7#



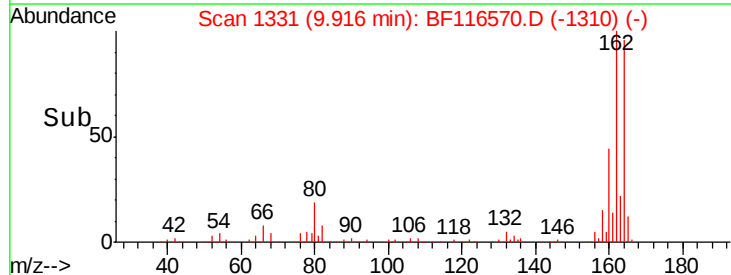
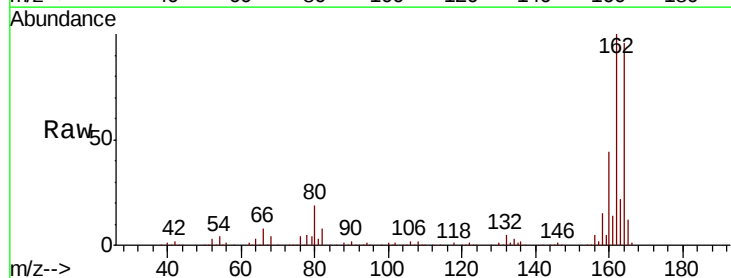
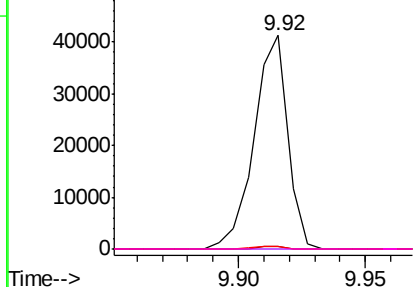
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

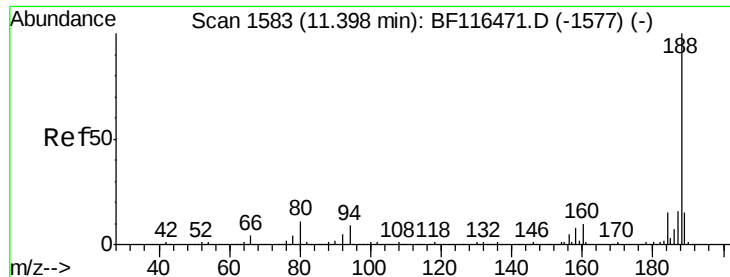


#57
 2,4-Dinitrotoluene
 Concen: 6.970 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.18 min
 Lab File: BF116570.D
 Acq: 26 Aug 2019 13:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.9	55.3#
89	1.5	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

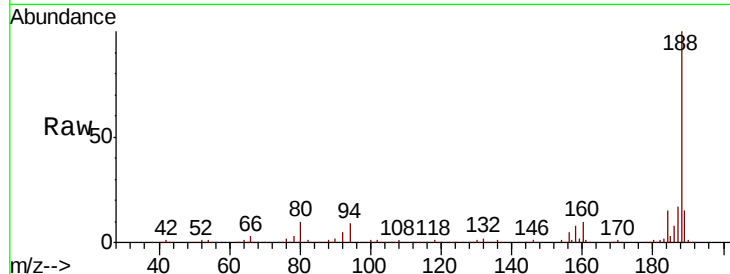




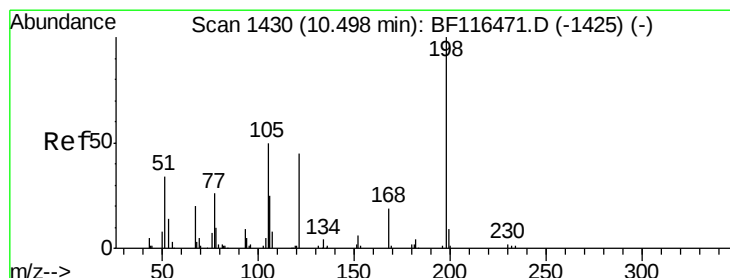
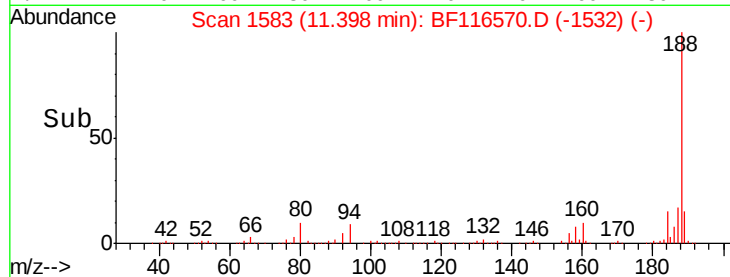
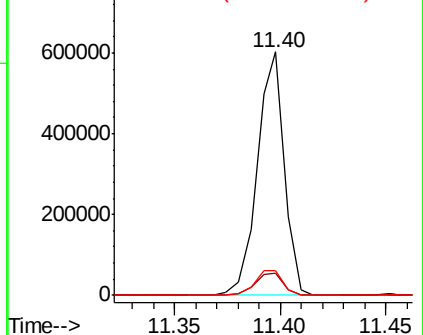
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116570.D
Acq: 26 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB122482BL

Tgt Ion:188 Resp: 535605
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 10.0 8.6 12.8

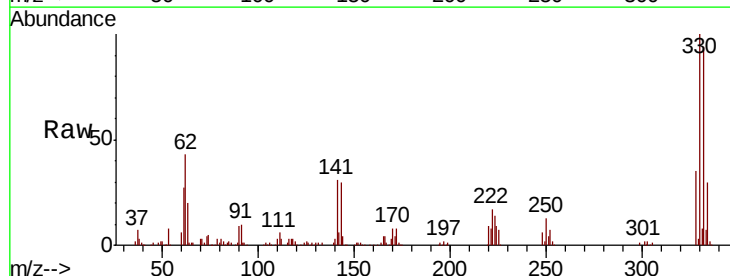


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

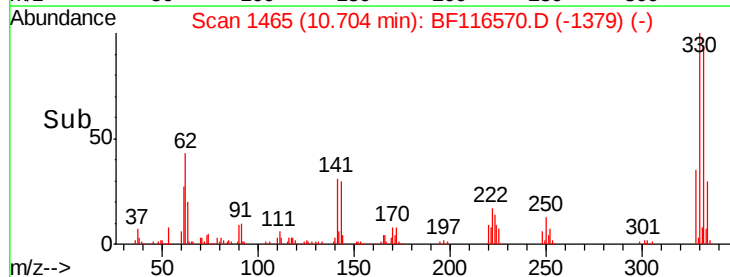
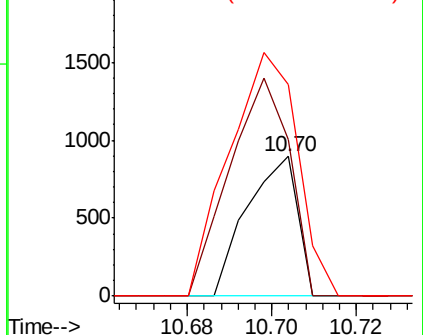


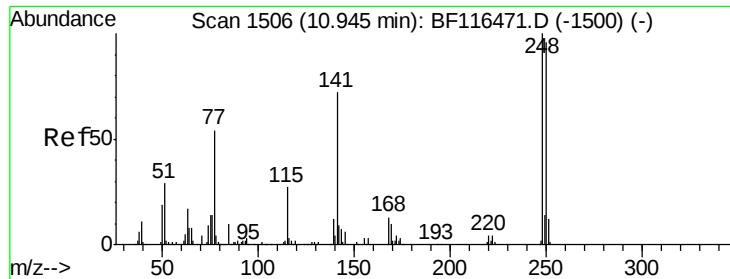
#65
4,6-Dinitro-2-methylphenol
Concen: 7.295 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.21 min
Lab File: BF116570.D
Acq: 26 Aug 2019 13:12

Tgt Ion:198 Resp: 746
Ion Ratio Lower Upper
198 100
51 111.8 30.4 70.4#
105 152.0 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

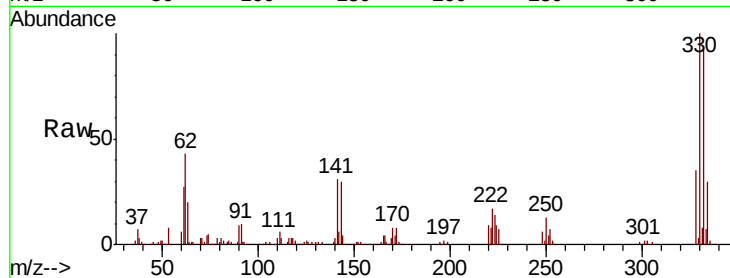




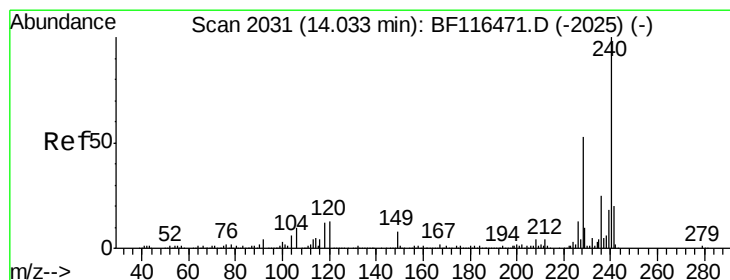
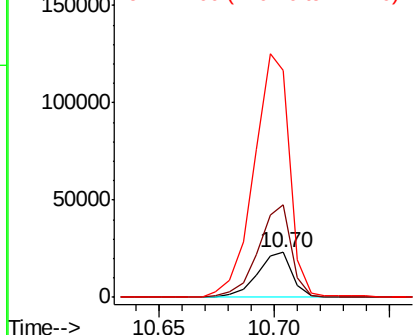
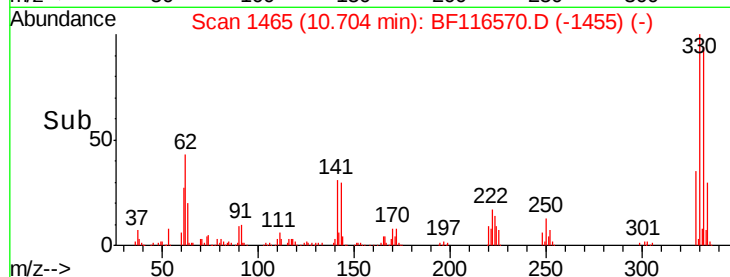
#67
4-Bromophenyl-phenylether
Concen: 4.233 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF116570.D
Acq: 26 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB122482BL

Tgt Ion:248 Resp: 23771
Ion Ratio Lower Upper
248 100
250 207.1 77.0 115.6#
141 507.4 57.4 86.0#

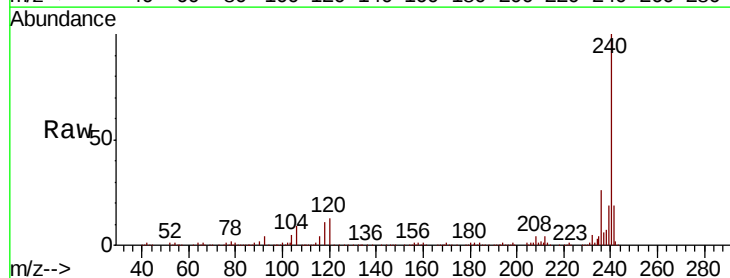


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

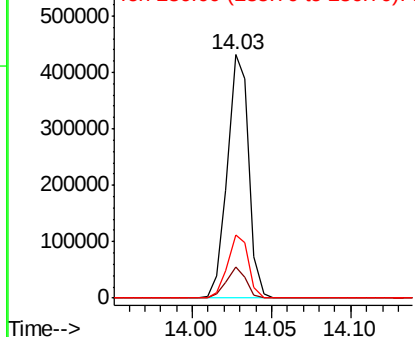
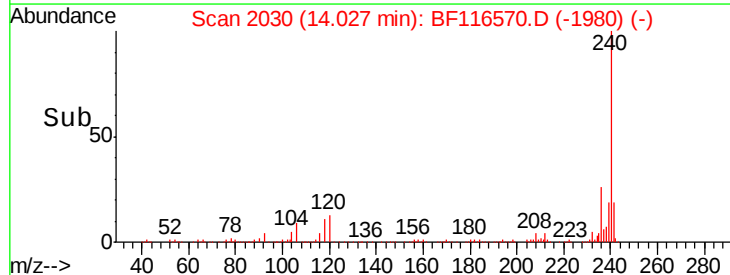


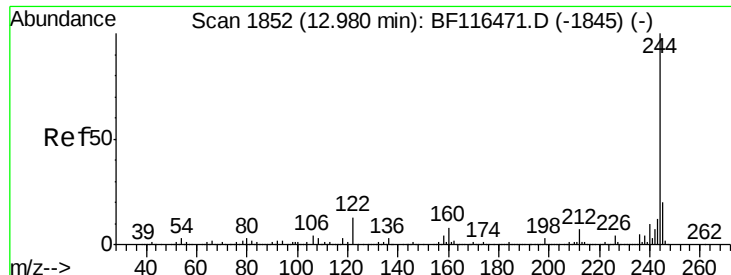
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116570.D
Acq: 26 Aug 2019 13:12

Tgt Ion:240 Resp: 401112
Ion Ratio Lower Upper
240 100
120 12.7 10.5 15.7
236 25.7 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: 83.612 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.01 min

Lab File: BF116570.D

Acq: 26 Aug 2019 13:12

Instrument :

BNA_F

ClientSampleId :

PB122482BL

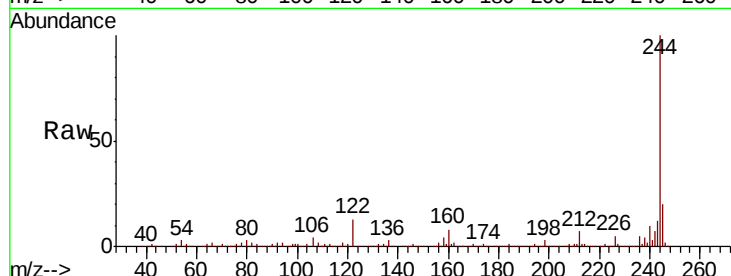
Tgt Ion:244 Resp: 1795488

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

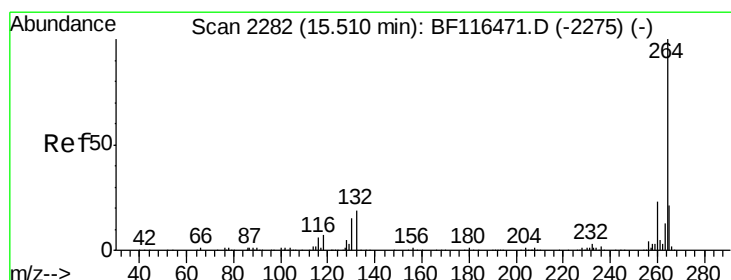
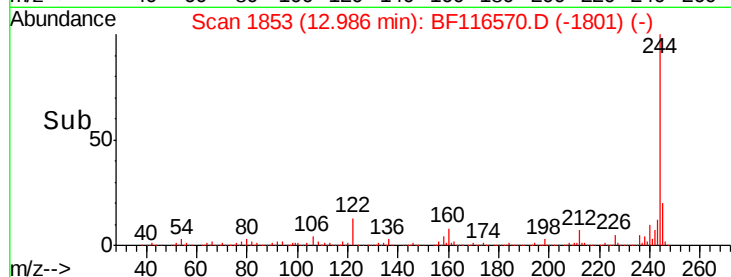
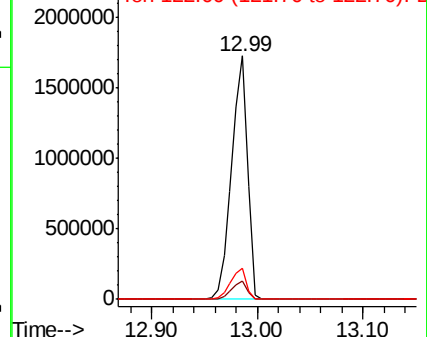
122 12.6 10.2 15.4



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: BF116570.D

Acq: 26 Aug 2019 13:12

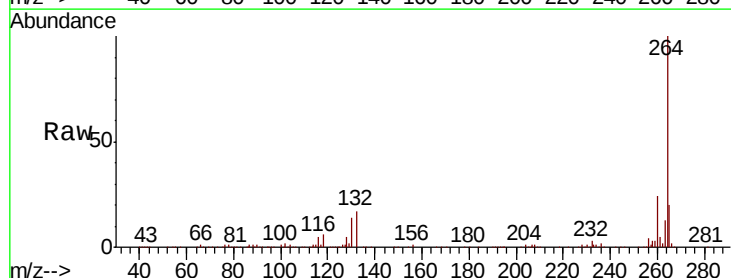
Tgt Ion:264 Resp: 363902

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 20.4 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

