

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113439.D
 Acq On : 30 Mar 2019 4:31
 Operator : JU/SJ
 Sample : K1698-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-032819

Quant Time: Mar 30 05:27:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	167406	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	635376	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	302248	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	590453	20.00	ng	0.00
76) Chrysene-d12	13.84	240	567316	20.00	ng	0.00
87) Perylene-d12	15.24	264	466429	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	979805	95.70	ng	0.01
7) Phenol-d6	6.36	99	1120185	86.49	ng	0.00
23) Nitrobenzene-d5	7.27	82	881755	82.37	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	454208	121.66	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1665409	86.72	ng	0.00
79) Terphenyl-d14	12.80	244	1843261	71.62	ng	0.00

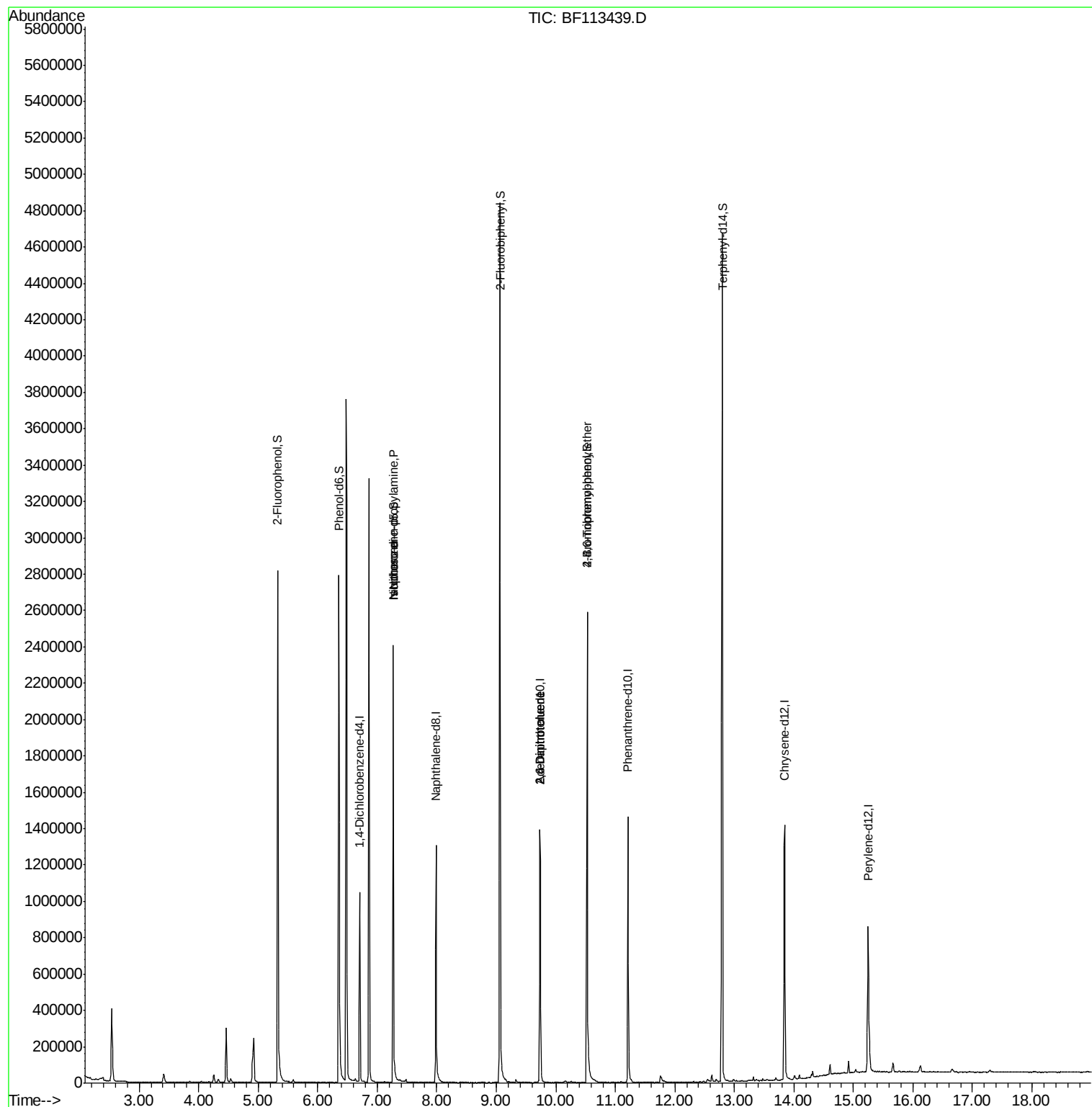
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	115885	14.244	ng	# 77
25) Isophorone	7.27	82	878730	42.357	ng	# 64
51) 2,6-Dinitrotoluene	9.73	165	38386	7.596	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	38386	5.973	ng	# 23
67) 4-Bromophenyl-phenylether	10.53	248	25285	3.929	ng	# 1

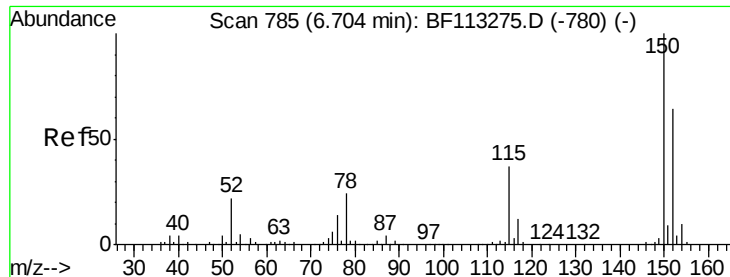
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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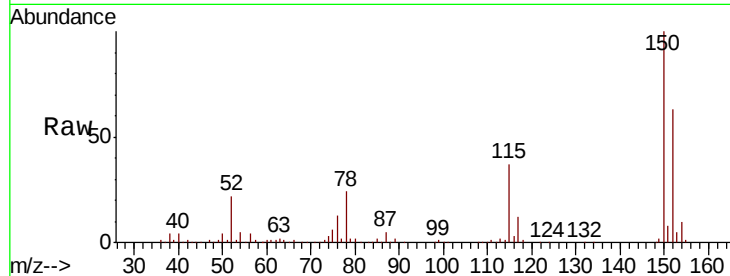


#1

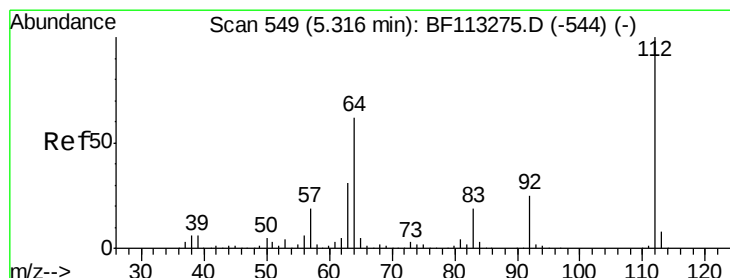
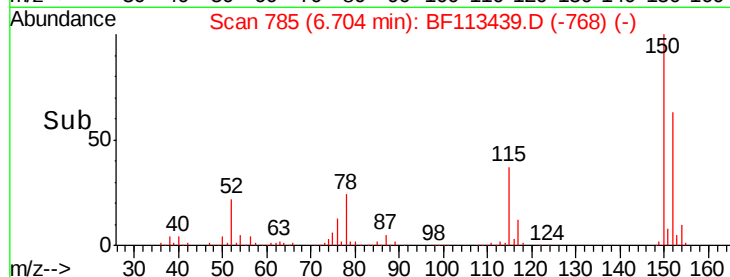
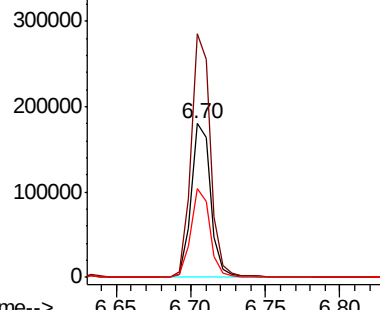
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113439.D
Acq: 30 Mar 2019 4:31

Instrument :
BNA_F
ClientSampleId :
TR-05-032819

Tgt Ion:152 Resp: 167406
Ion Ratio Lower Upper
152 100
150 158.3 124.7 187.1
115 57.8 46.0 69.0



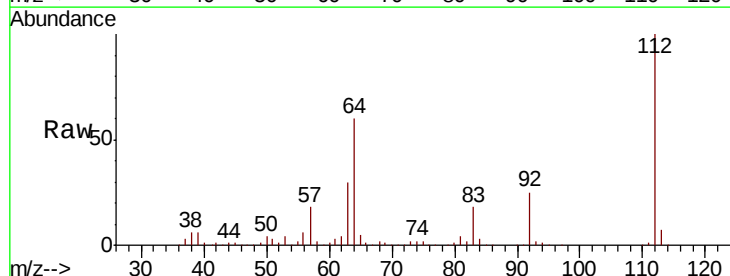
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



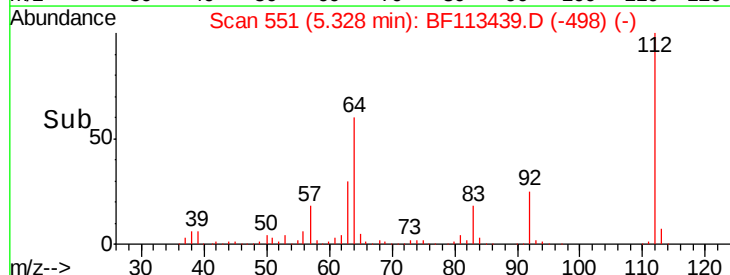
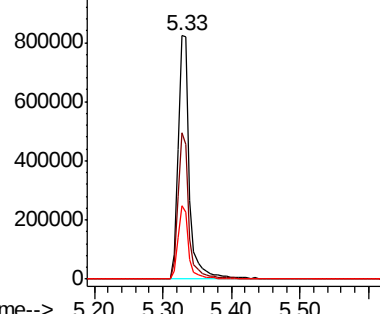
#5

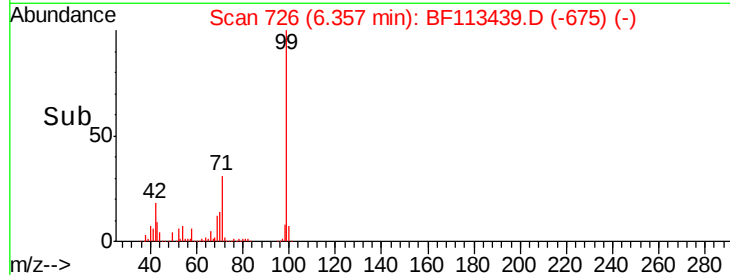
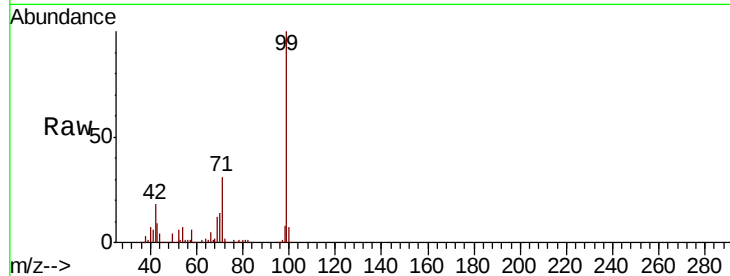
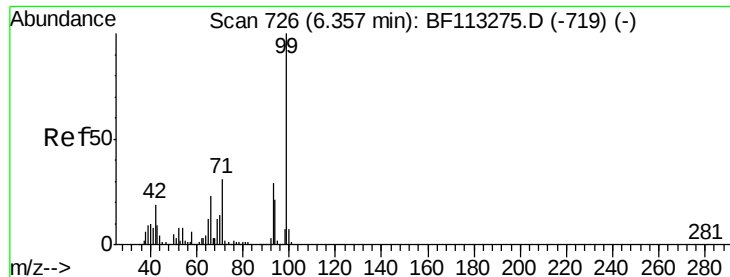
2-Fluorophenol
Concen: 95.701 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF113439.D
Acq: 30 Mar 2019 4:31

Tgt Ion:112 Resp: 979805
Ion Ratio Lower Upper
112 100
64 59.9 49.2 73.8
63 30.1 24.9 37.3



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: 86.489 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113439.D

Acq: 30 Mar 2019 4:31

Instrument :

BNA_F

ClientSampleId :

TR-05-032819

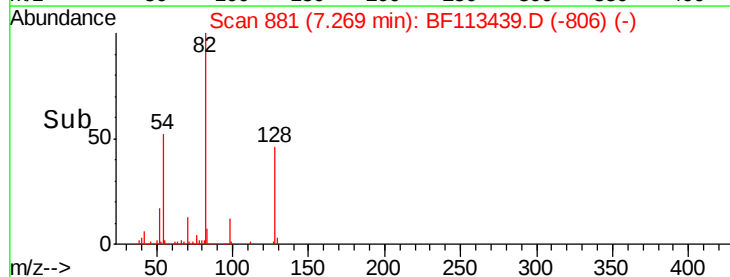
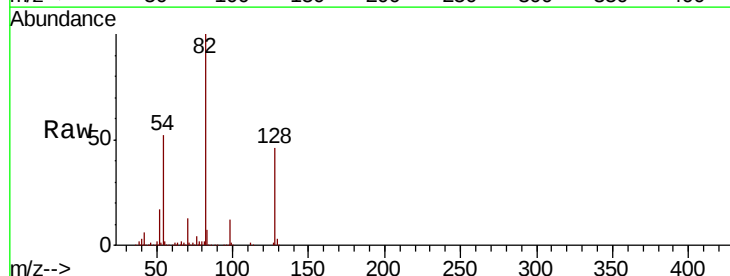
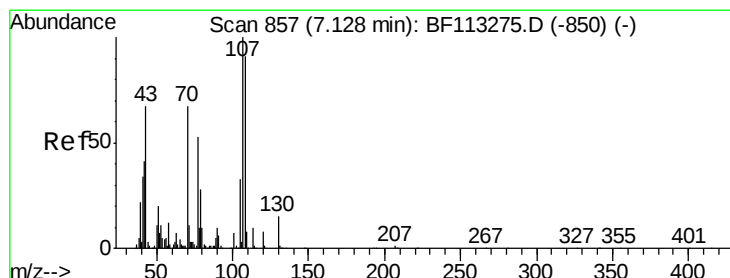
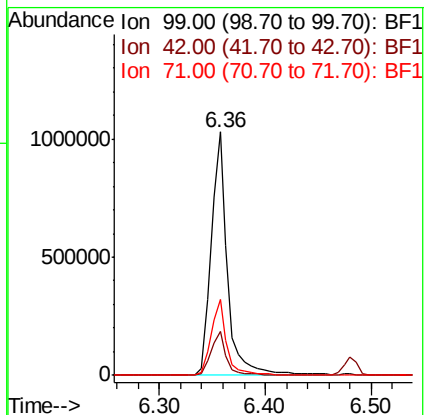
Tgt Ion: 99 Resp: 1120185

Ion Ratio Lower Upper

99 100

42 18.0 14.8 22.2

71 31.1 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.244 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113439.D

Acq: 30 Mar 2019 4:31

Tgt Ion: 70 Resp: 115885

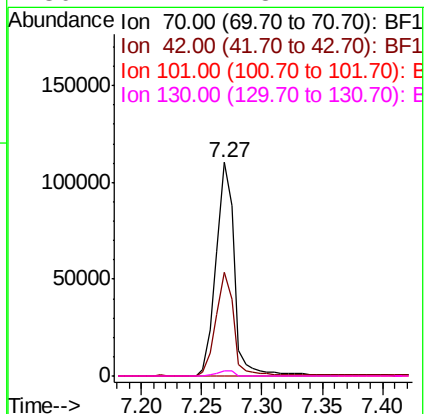
Ion Ratio Lower Upper

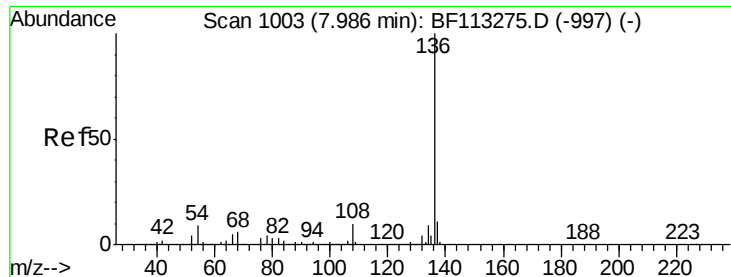
70 100

42 48.7 48.4 72.6

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#

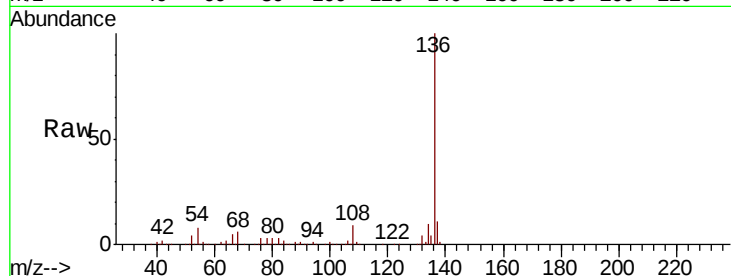




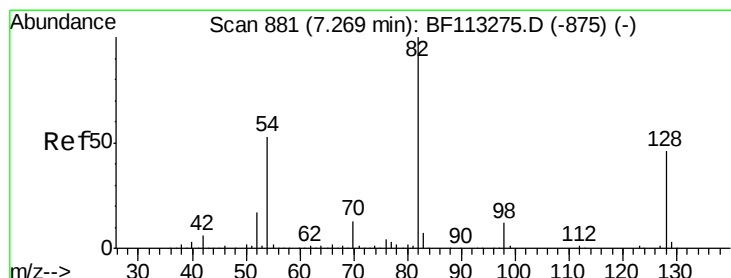
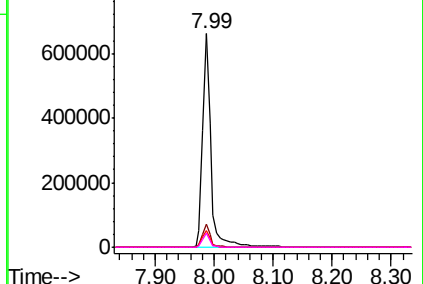
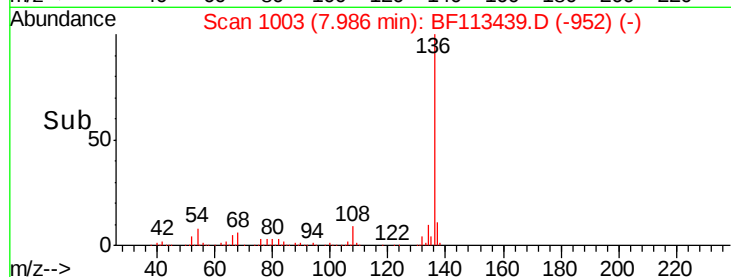
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF113439.D
Acq: 30 Mar 2019 4:31

Instrument :
BNA_F
ClientSampleId :
TR-05-032819

Tgt Ion:	136	Resp:	635376
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.9	7.0	10.6
68	6.4	4.8	7.2

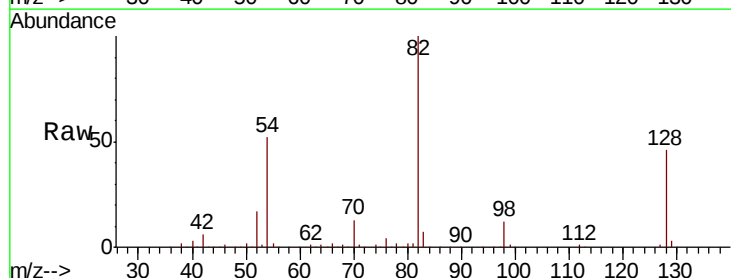


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

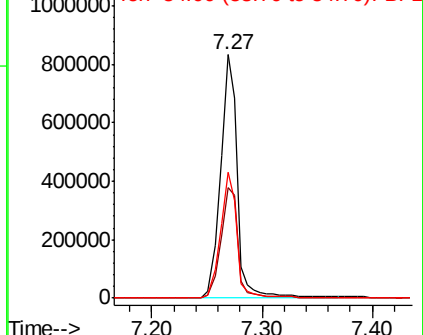
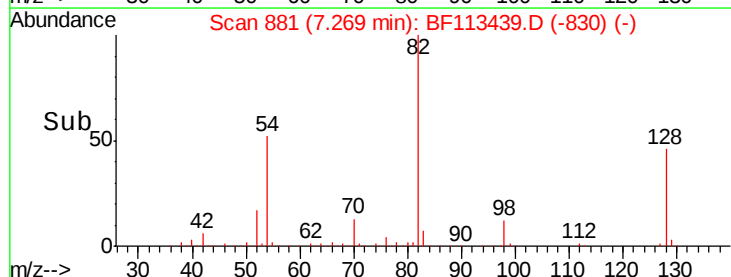


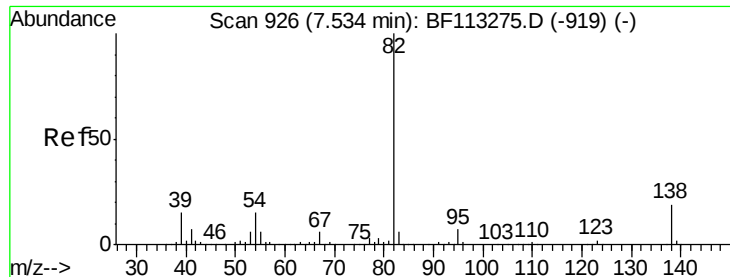
#23
Nitrobenzene-d5
Concen: 82.370 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113439.D
Acq: 30 Mar 2019 4:31

Tgt Ion:	82	Resp:	881755
Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.5	54.7
54	51.7	42.2	63.2



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: 42.357 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF113439.D

Acq: 30 Mar 2019 4:31

Instrument :

BNA_F

ClientSampleId :

TR-05-032819

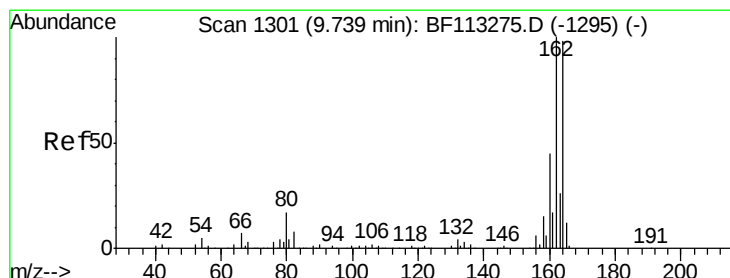
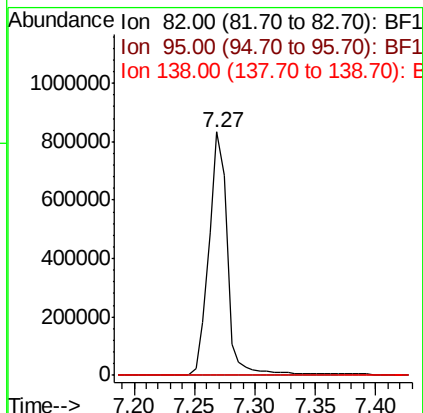
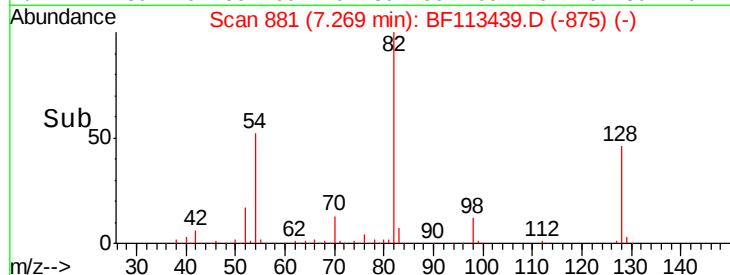
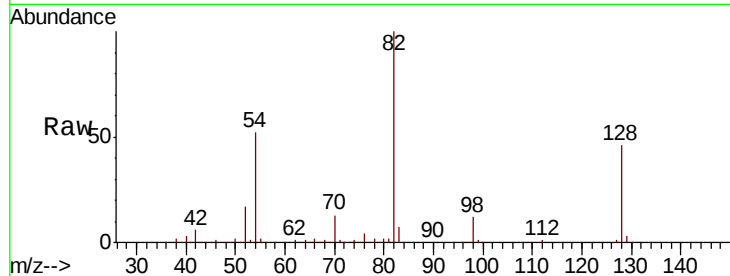
Tgt Ion: 82 Resp: 878730

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 15.2 22.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113439.D

Acq: 30 Mar 2019 4:31

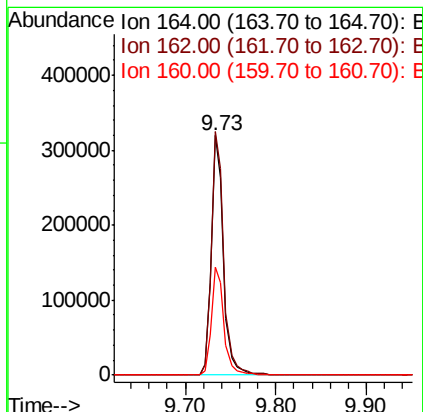
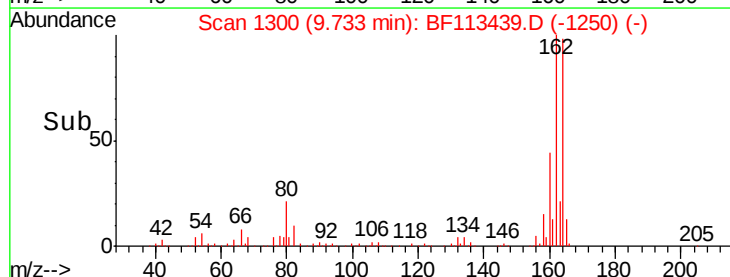
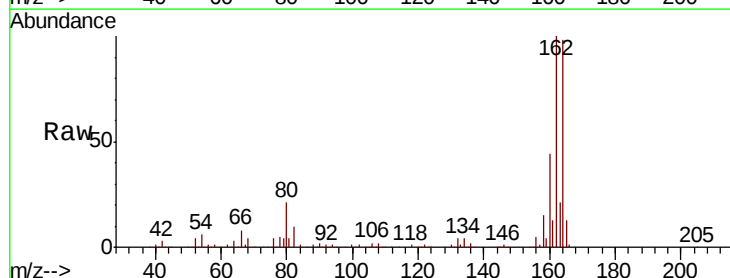
Tgt Ion: 164 Resp: 302248

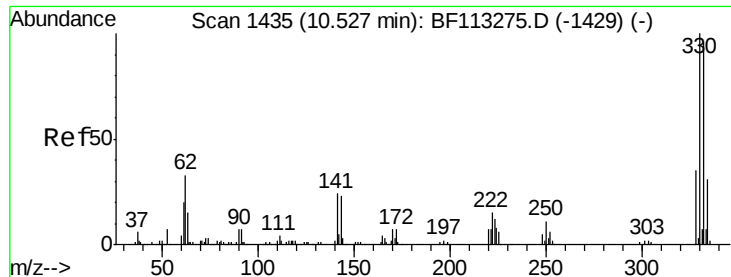
Ion Ratio Lower Upper

164 100

162 101.8 81.8 122.6

160 45.3 36.4 54.6

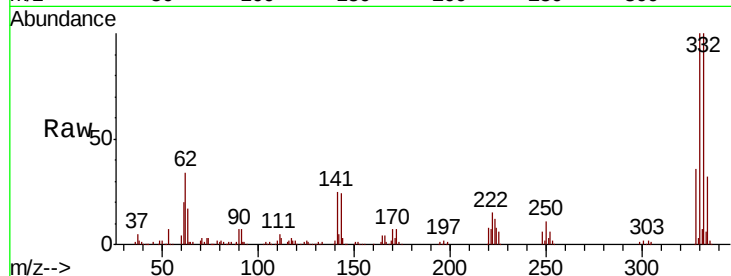




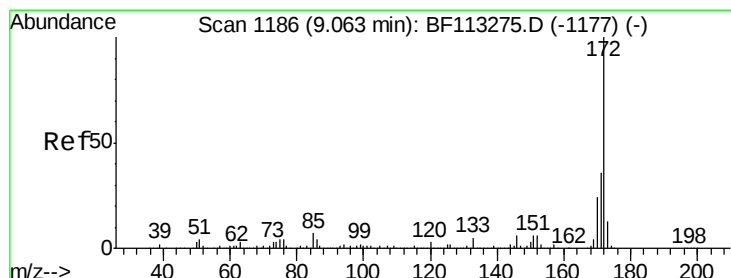
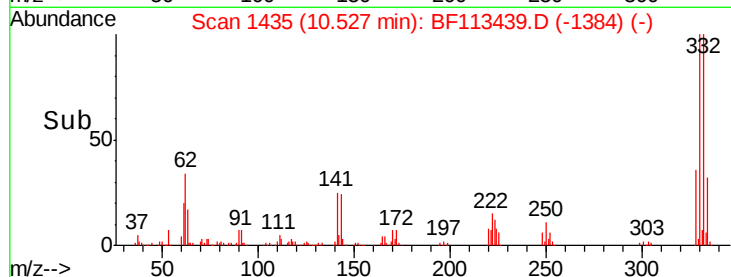
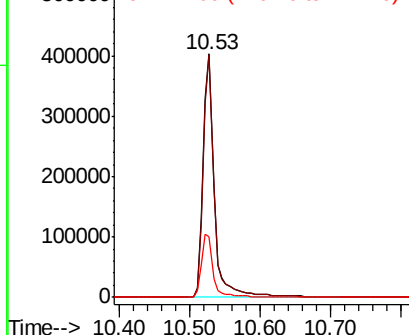
#42
 2,4,6-Tribromophenol
 Concen: 121.659 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF113439.D
 Acq: 30 Mar 2019 4:31

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-032819

Tgt Ion:330 Resp: 454208
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.8 116.6
 141 27.6 22.7 34.1

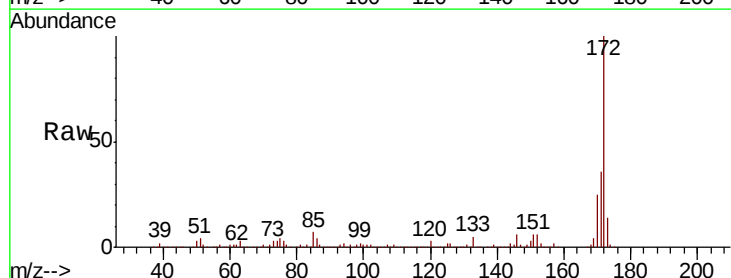


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

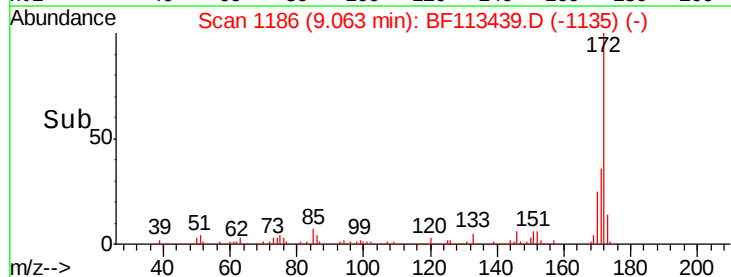
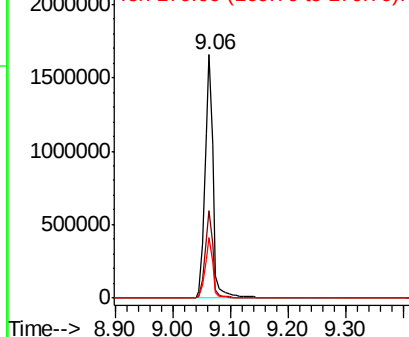


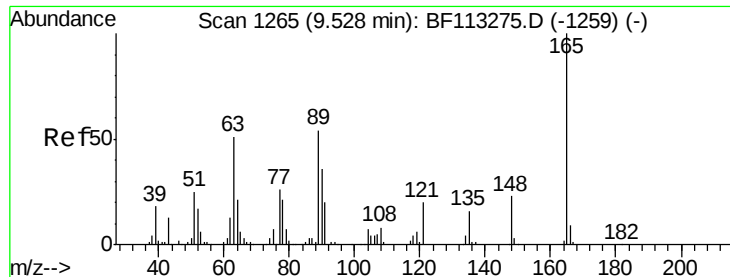
#45
 2-Fluorobiphenyl
 Concen: 86.719 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113439.D
 Acq: 30 Mar 2019 4:31

Tgt Ion:172 Resp: 1665409
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.9 19.5 29.3



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: 7.596 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.21 min

Lab File: BF113439.D

Acq: 30 Mar 2019 4:31

Instrument :

BNA_F

ClientSampled :

TR-05-032819

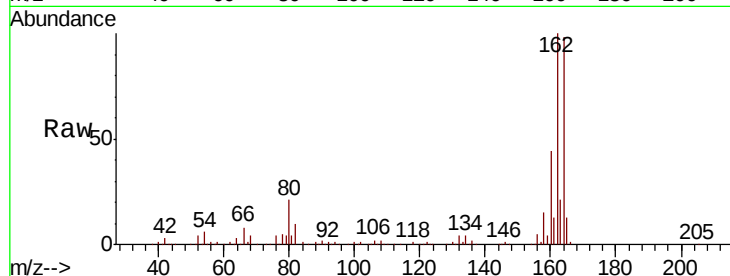
Tgt Ion:165 Resp: 38386

Ion Ratio Lower Upper

165 100

63 1.2 43.4 65.0#

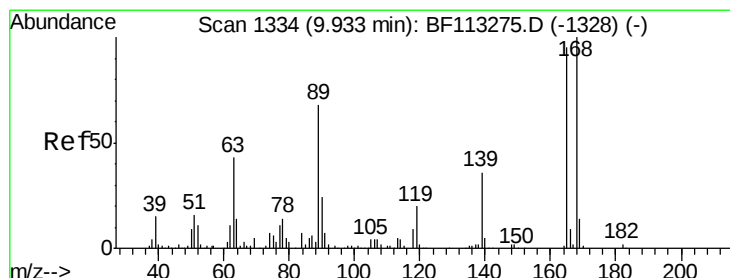
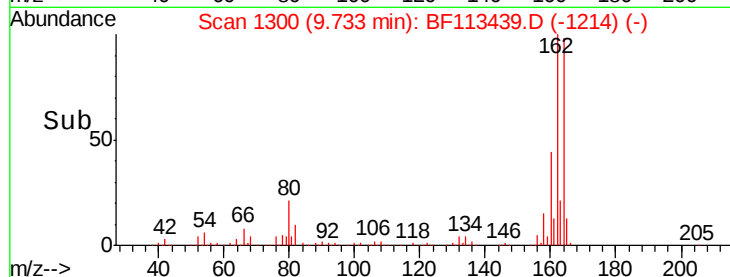
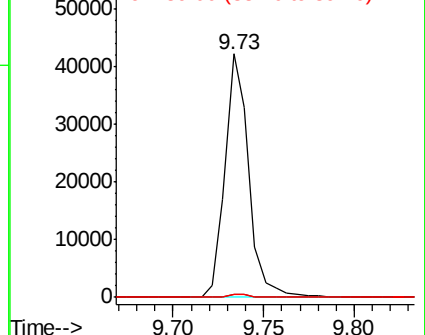
89 1.0 43.1 64.7#



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: 5.973 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.20 min

Lab File: BF113439.D

Acq: 30 Mar 2019 4:31

Tgt Ion:165 Resp: 38386

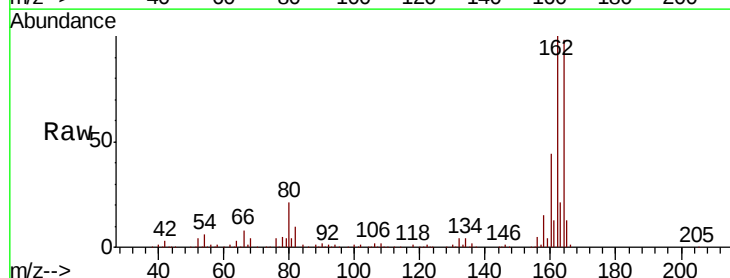
Ion Ratio Lower Upper

165 100

63 1.2 37.5 56.3#

89 1.0 57.4 86.2#

182 0.0 2.0 3.0#

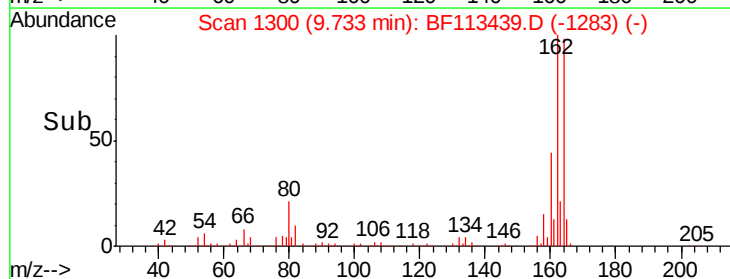
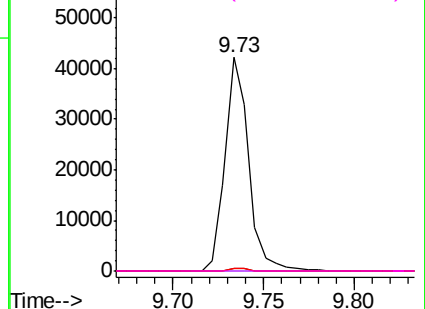


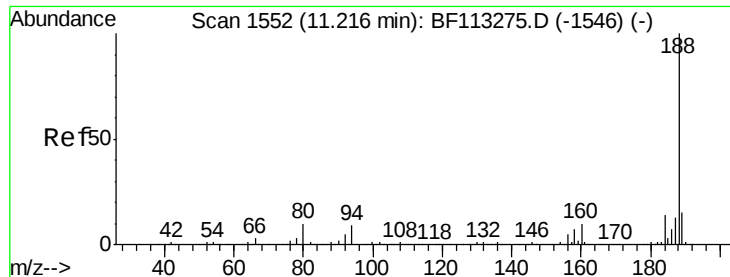
Abundance Ion 165.00 (164.70 to 165.70): E

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

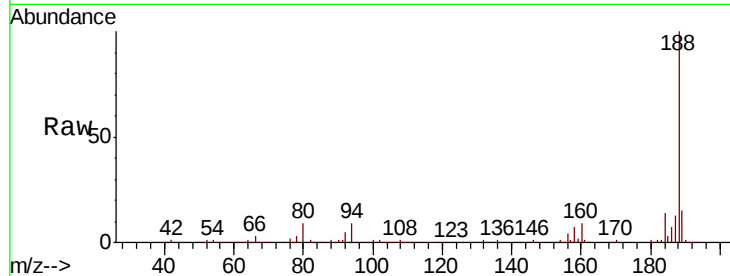




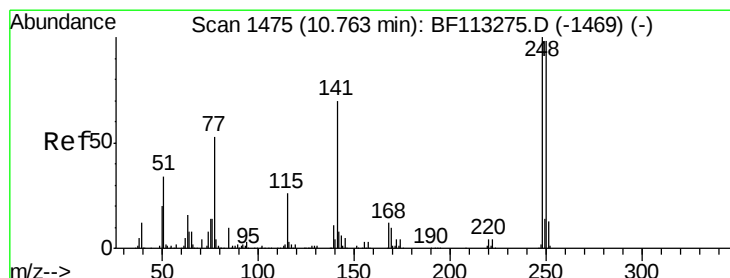
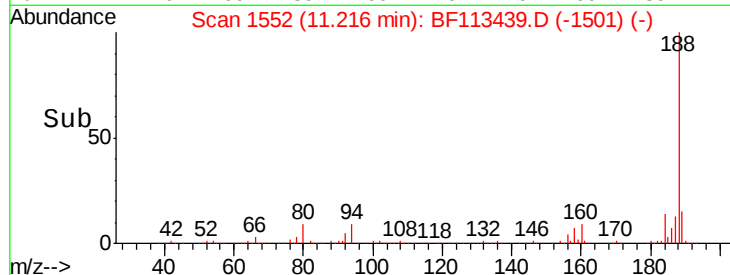
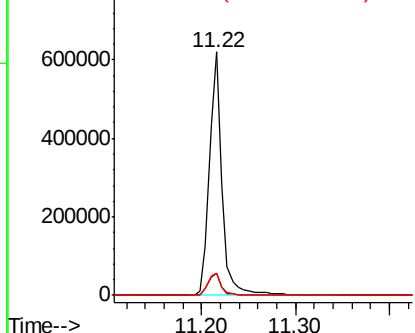
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF113439.D
 Acq: 30 Mar 2019 4:31

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-032819

Tgt Ion:188 Resp: 590453
 Ion Ratio Lower Upper
 188 100
 94 9.3 7.0 10.6
 80 9.3 7.7 11.5

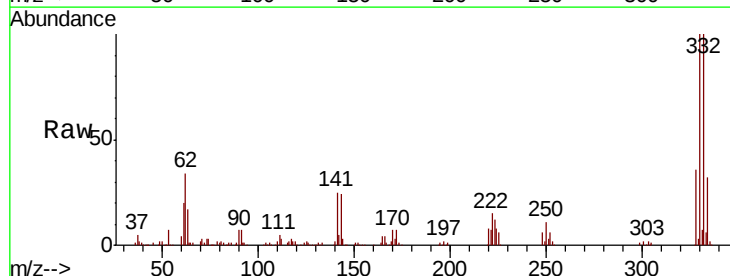


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

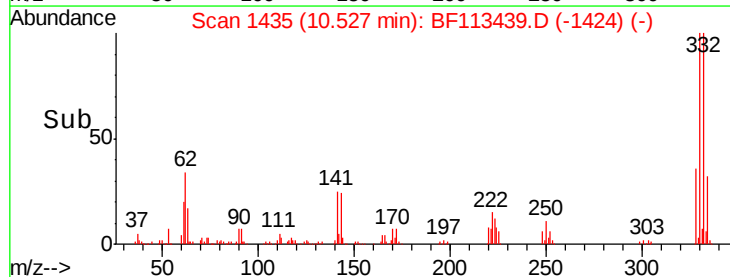
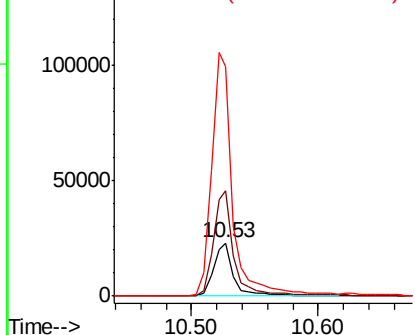


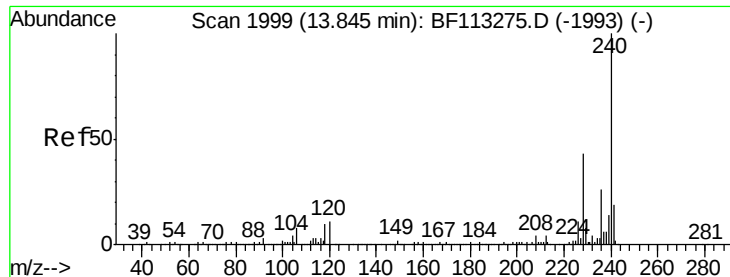
#67
 4-Bromophenyl-phenylether
 Concen: 3.929 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.24 min
 Lab File: BF113439.D
 Acq: 30 Mar 2019 4:31

Tgt Ion:248 Resp: 25285
 Ion Ratio Lower Upper
 248 100
 250 198.0 78.3 117.5#
 141 429.3 56.2 84.4#



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: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF113439.D

Acq: 30 Mar 2019 4:31

Instrument :

BNA_F

ClientSampleId :

TR-05-032819

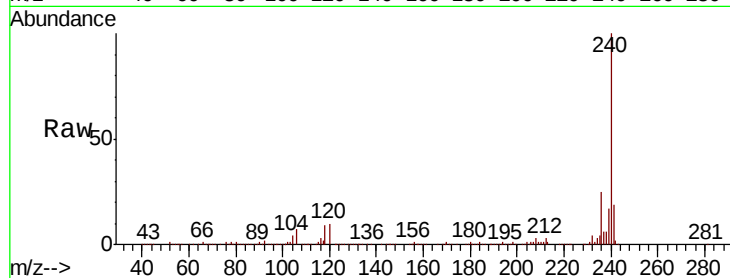
Tgt Ion:240 Resp: 567316

Ion Ratio Lower Upper

240 100

120 10.1 8.8 13.2

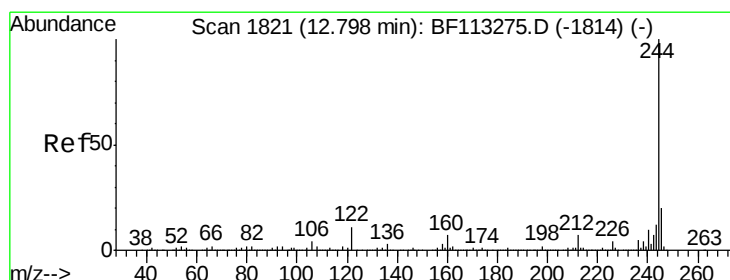
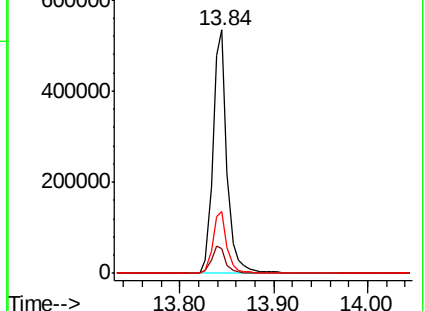
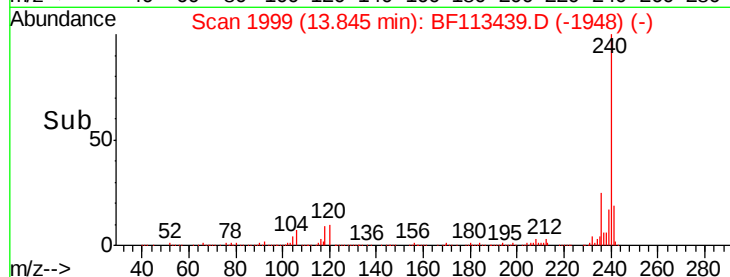
236 25.5 20.9 31.3



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: 71.615 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF113439.D

Acq: 30 Mar 2019 4:31

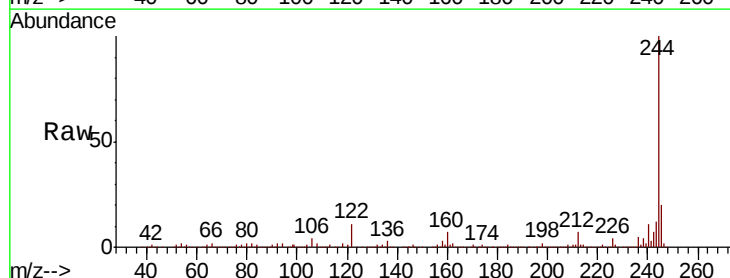
Tgt Ion:244 Resp: 1843261

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

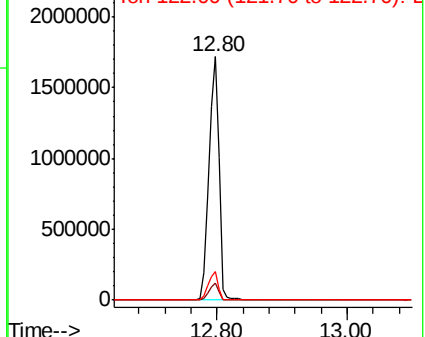
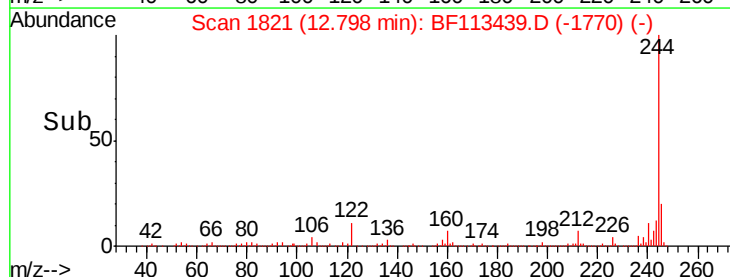
122 11.5 8.6 13.0

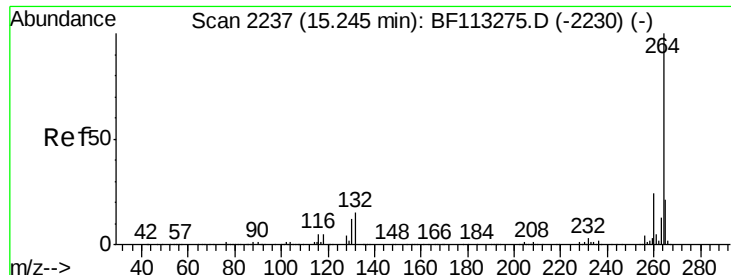


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BF113439.D
Acq: 30 Mar 2019 4:31

Instrument :
BNA_F
ClientSampleId :
TR-05-032819

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.7	17.1	25.7

