

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040119\
 Data File : BF113462.D
 Acq On : 1 Apr 2019 13:04
 Operator : JU/SJ
 Sample : PB118402BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 01 18:02:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 01 14:33:20 2019
 Response via : Initial Calibration

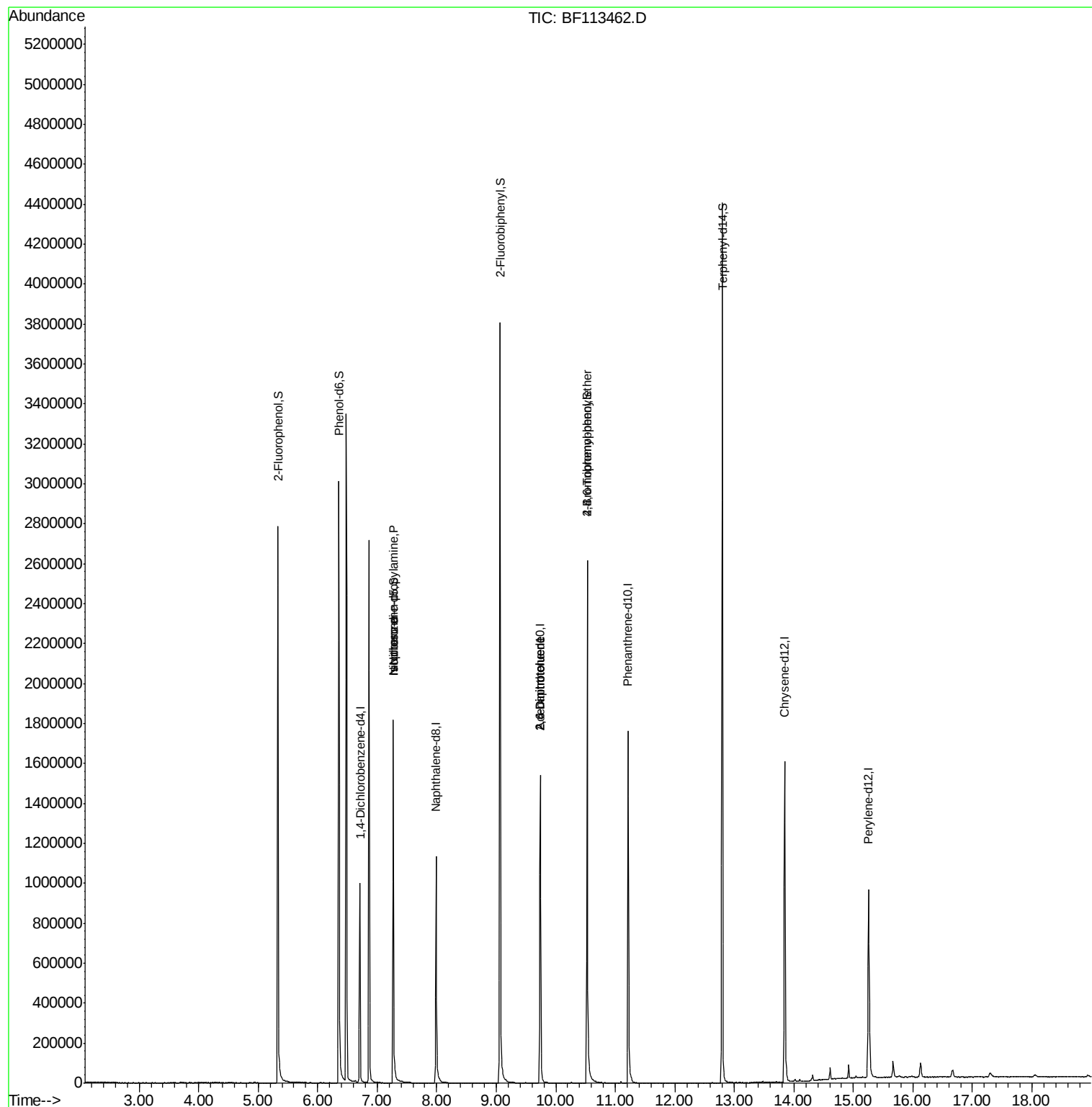
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	169974	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	672691	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	355692	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	794246	20.00	ng	0.00
76) Chrysene-d12	13.84	240	691503	20.00	ng	0.00
87) Perylene-d12	15.26	264	555021	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	896713	86.26	ng	0.01
7) Phenol-d6	6.36	99	1172701	89.18	ng	0.00
23) Nitrobenzene-d5	7.27	82	722303	63.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.53	330	426995	97.19	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1462761	59.08	ng	0.00
79) Terphenyl-d14	12.80	244	1819253	57.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	91824	11.116	ng	# 75
25) Isophorone	7.27	82	706877	32.184	ng	# 65
51) 2,6-Dinitrotoluene	9.74	165	45161	7.594	ng	# 30
57) 2,4-Dinitrotoluene	9.74	165	45161	5.972	ng	# 18
67) 4-Bromophenyl-phenylether	10.53	248	23673	2.735	ng	# 1

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

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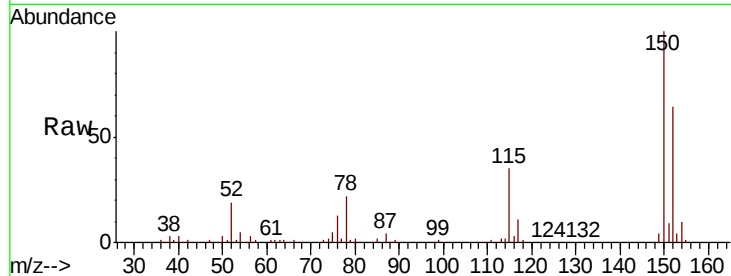


#1

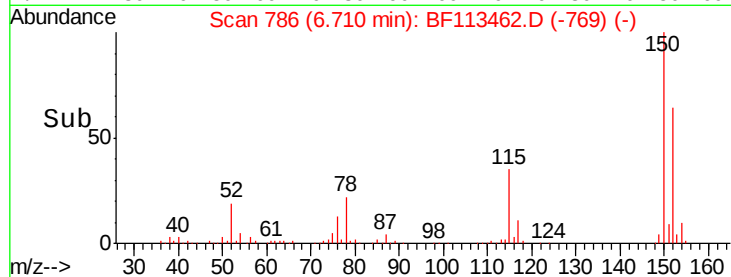
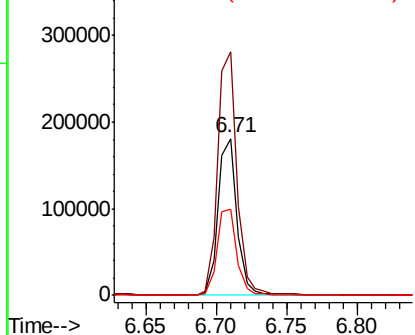
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF113462.D
Acq: 1 Apr 2019 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 169974
Ion Ratio Lower Upper
152 100
150 155.3 123.6 185.4
115 55.0 45.8 68.6



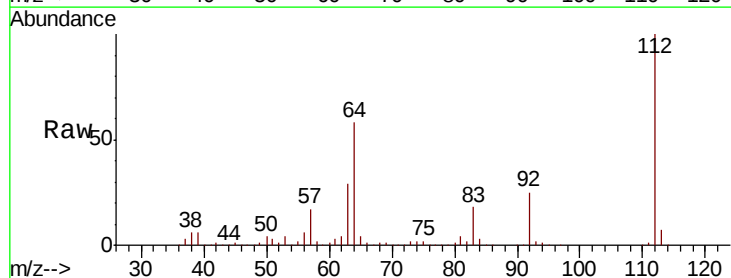
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



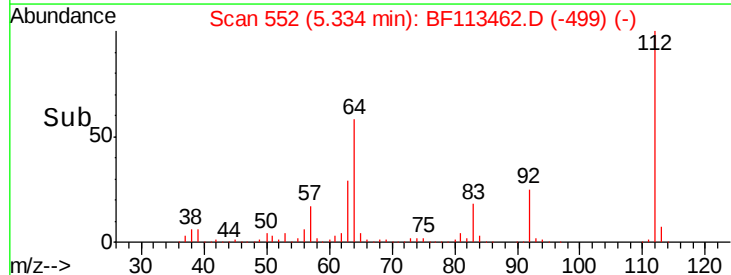
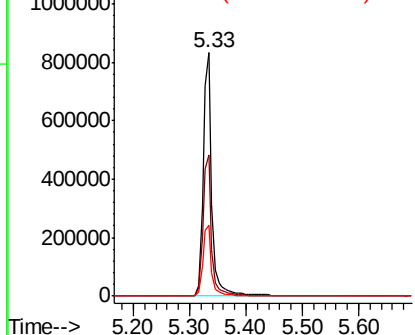
#5

2-Fluorophenol
Concen: 86.262 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF113462.D
Acq: 1 Apr 2019 13:04

Tgt Ion:112 Resp: 896713
Ion Ratio Lower Upper
112 100
64 58.1 47.7 71.5
63 29.3 23.8 35.6



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: 89.176 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF113462.D

Acq: 1 Apr 2019 13:04

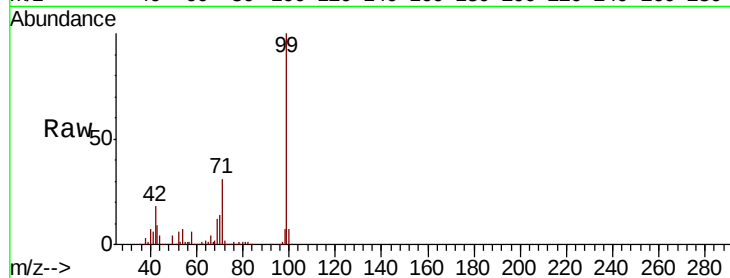
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1172701

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.4	21.6
71	31.4	25.0	37.6

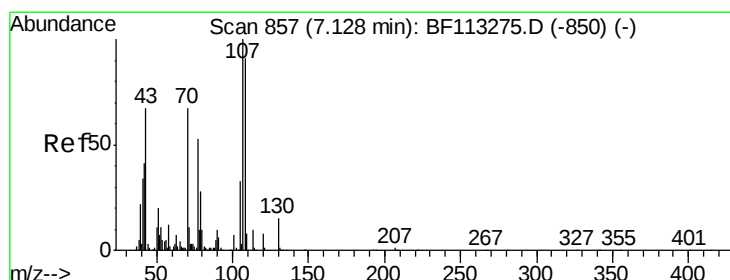
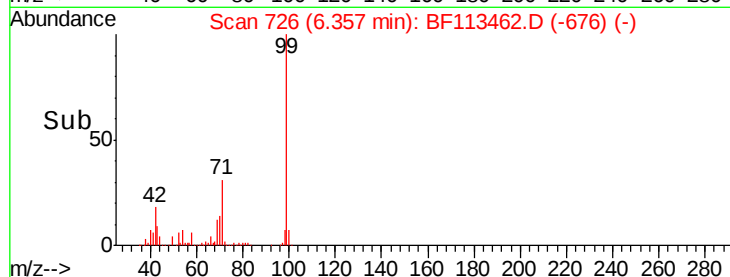
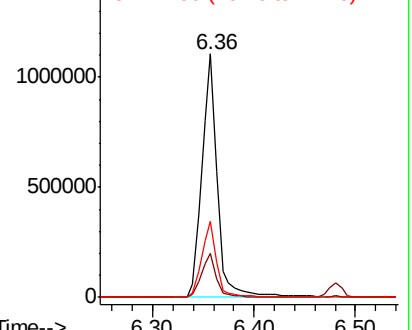


Abundance

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: 11.116 ng

RT: 7.27 min Scan# 881

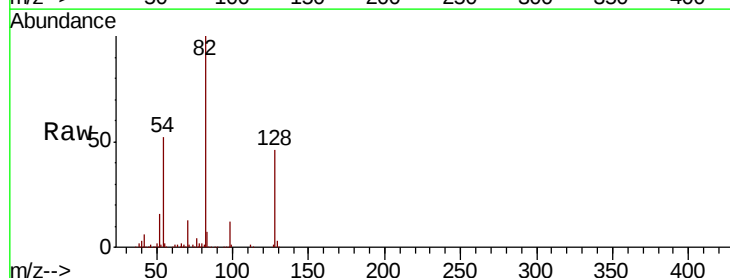
Delta R.T. 0.14 min

Lab File: BF113462.D

Acq: 1 Apr 2019 13:04

Tgt Ion: 70 Resp: 91824

Ion	Ratio	Lower	Upper
70	100		
42	47.4	49.4	74.0#
101	0.0	7.6	11.4#
130	2.1	17.7	26.5#



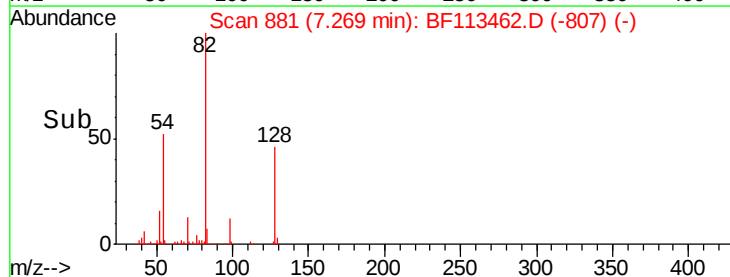
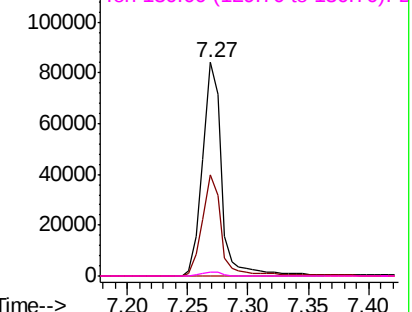
Abundance

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: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF113462.D

Acq: 1 Apr 2019 13:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 672691

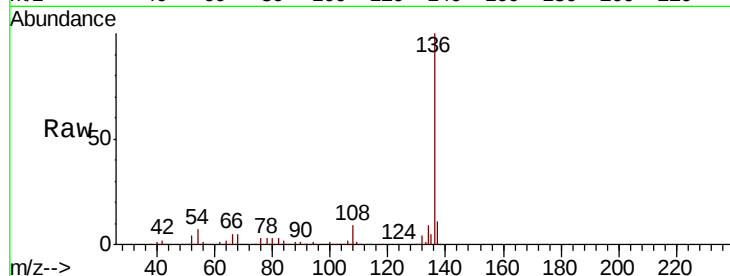
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 7.3 6.9 10.3

68 5.4 5.1 7.7

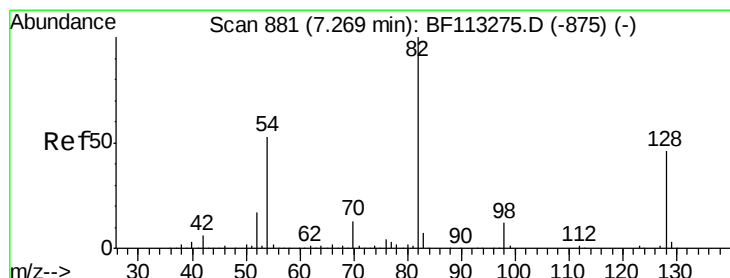
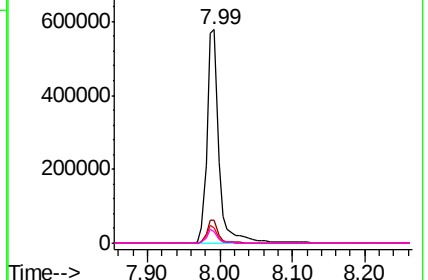
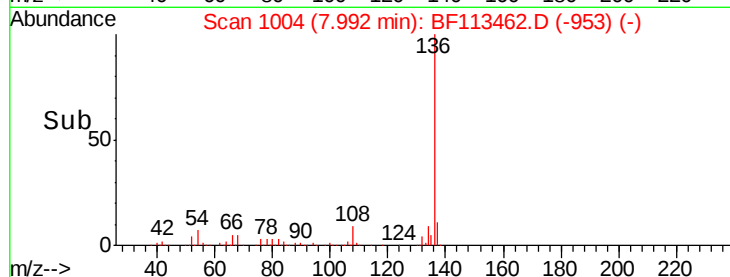


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.731 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF113462.D

Acq: 1 Apr 2019 13:04

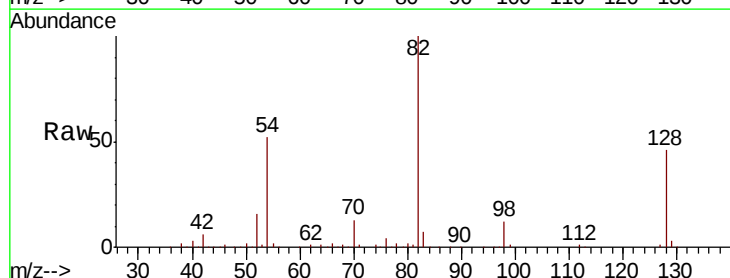
Tgt Ion: 82 Resp: 722303

Ion Ratio Lower Upper

82 100

128 45.6 37.9 56.9

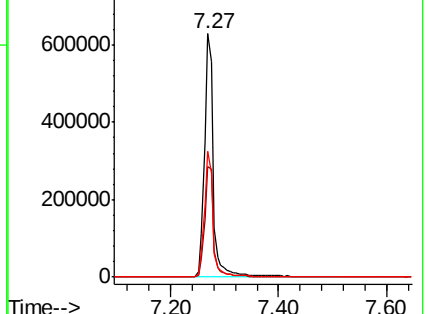
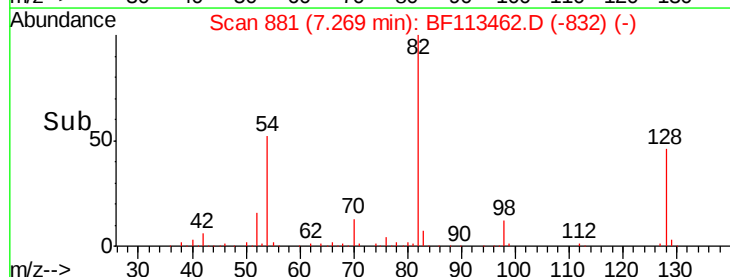
54 51.8 41.9 62.9

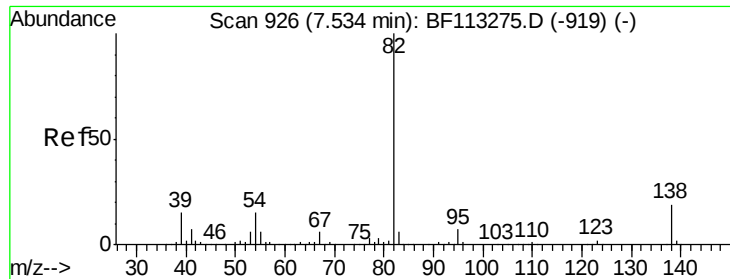


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

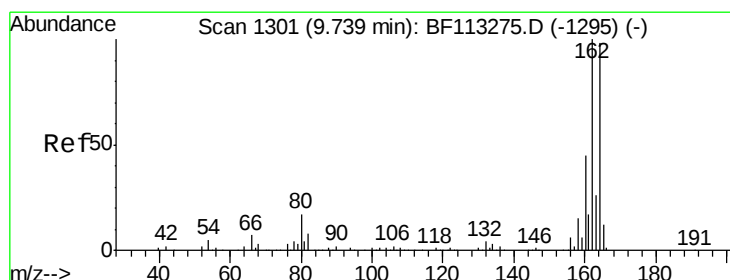
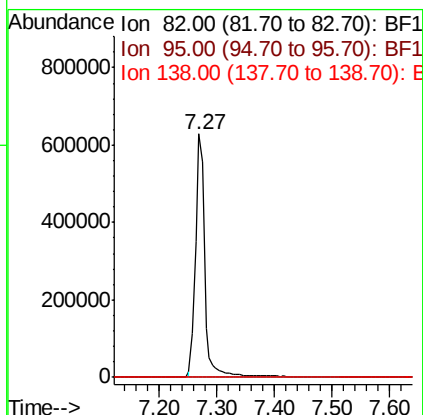
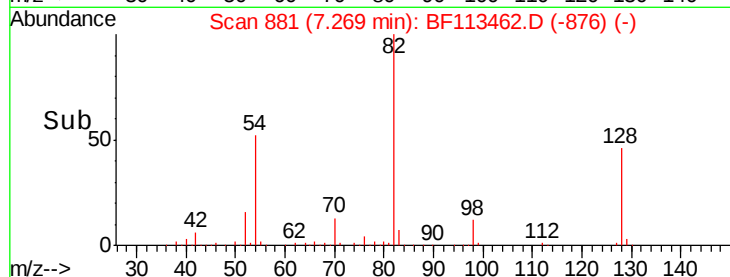
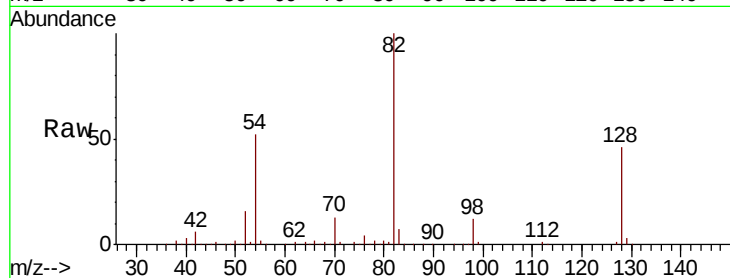




#25
Isophorone
Concen: 32.184 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF113462.D
Acq: 1 Apr 2019 13:04

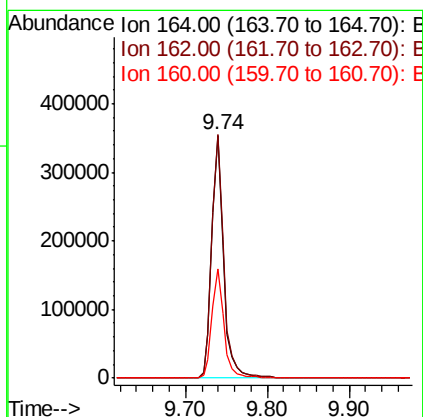
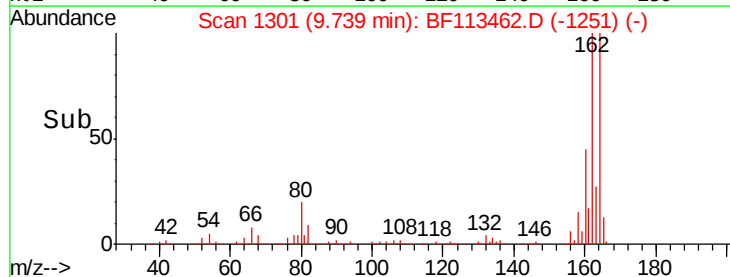
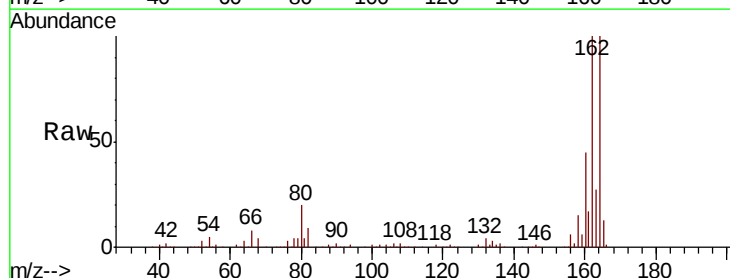
Instrument :
BNA_F
ClientSampleId :

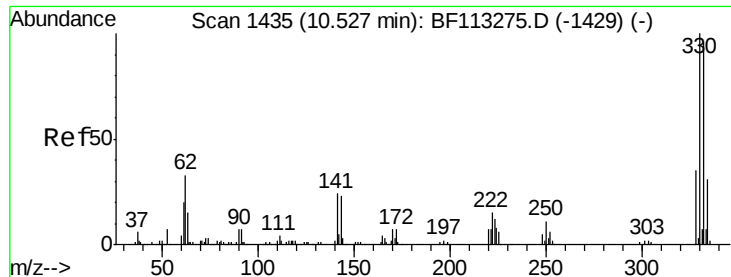
Tot Ion: 82 Resp: 706877
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF113462.D
Acq: 1 Apr 2019 13:04

Tgt Ion:164 Resp: 355692
Ion Ratio Lower Upper
164 100
162 100.3 79.7 119.5
160 44.8 35.9 53.9

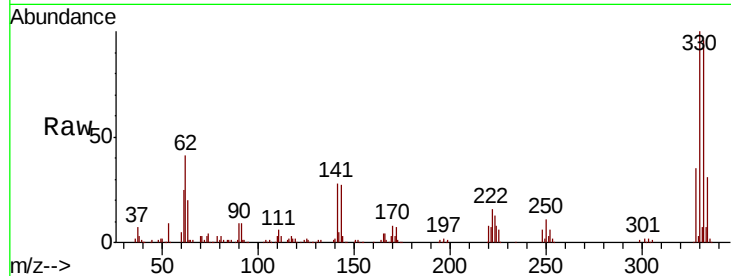




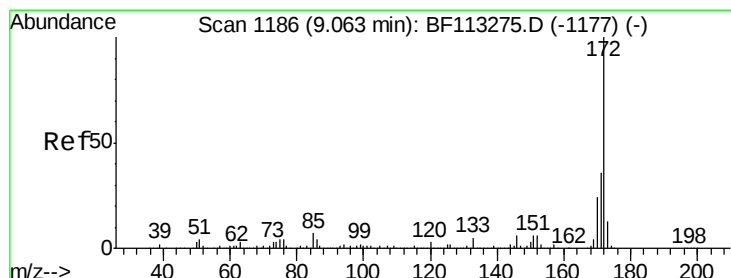
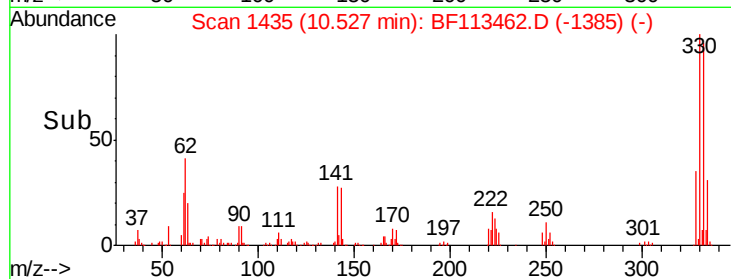
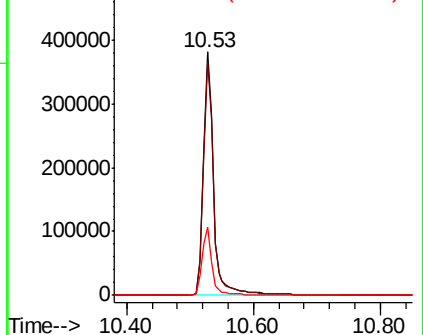
#42
 2,4,6-Tribromophenol
 Concen: 97.186 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF113462.D
 Acq: 1 Apr 2019 13:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 426995
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.7 116.5
 141 27.3 21.4 32.2

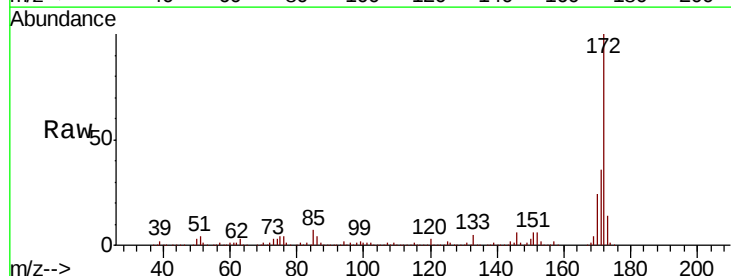


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

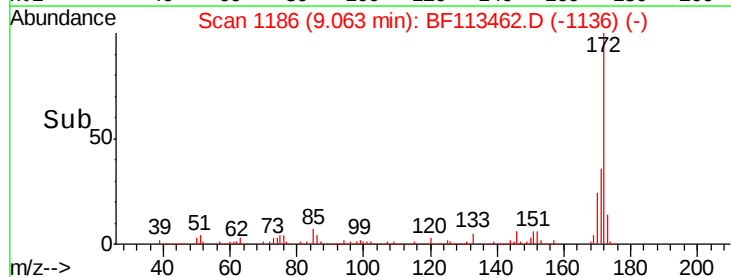
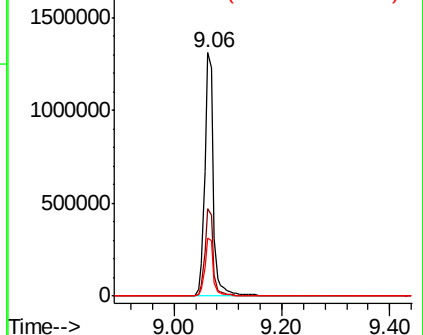


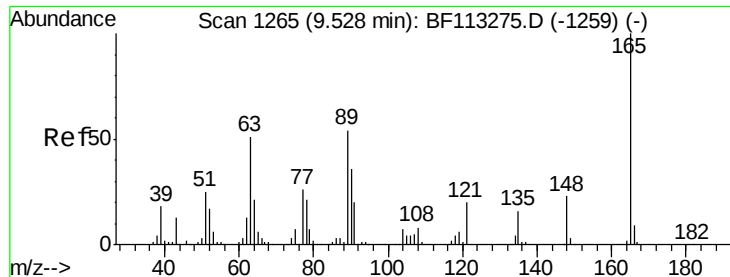
#45
 2-Fluorobiphenyl
 Concen: 59.078 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF113462.D
 Acq: 1 Apr 2019 13:04

Tgt Ion:172 Resp: 1462761
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.0 19.8 29.6



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

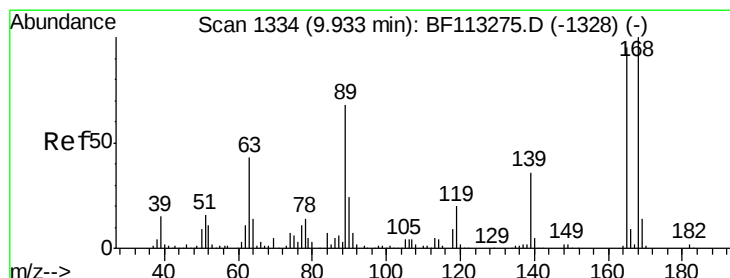
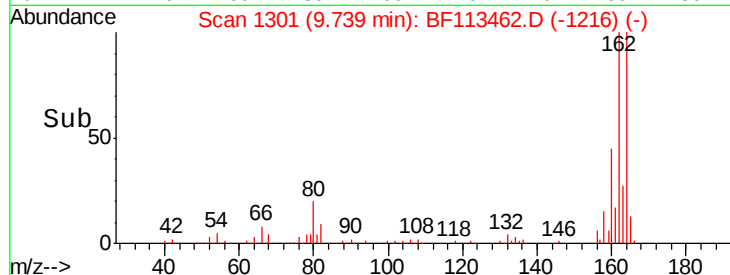
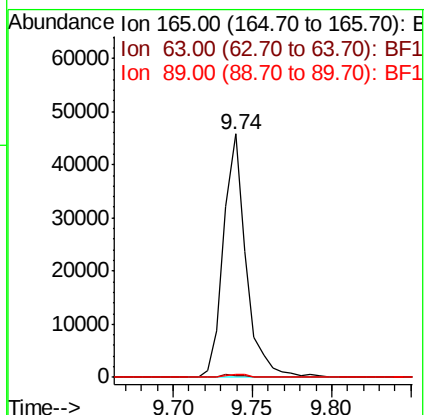
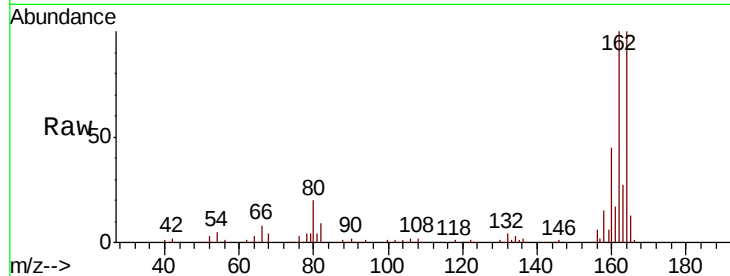




#51
 2,6-Dinitrotoluene
 Concen: 7.594 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.20 min
 Lab File: BF113462.D
 Acq: 1 Apr 2019 13:04

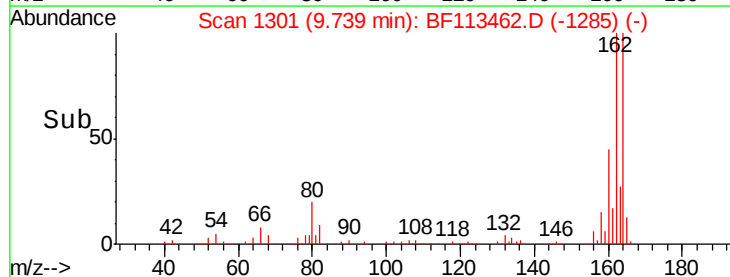
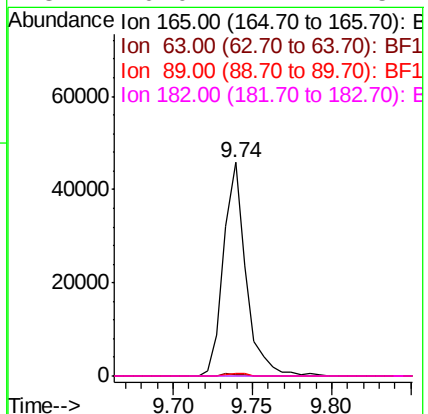
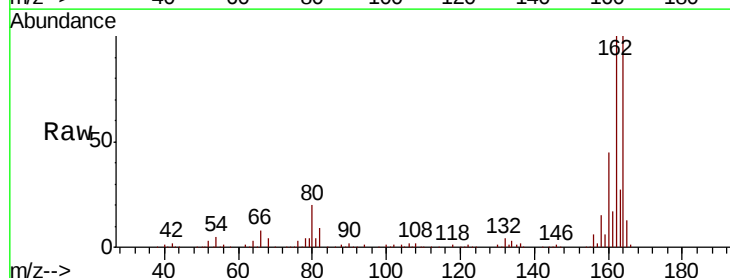
Instrument :
 BNA_F
 ClientSampleId :

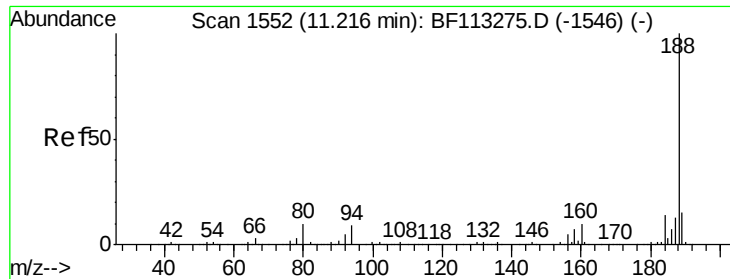
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	38.3	57.5#
89	1.0	38.6	58.0#



#57
 2,4-Dinitrotoluene
 Concen: 5.972 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF113462.D
 Acq: 1 Apr 2019 13:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	45.6	68.4#
89	1.0	61.8	92.8#
182	0.0	2.1	3.1#

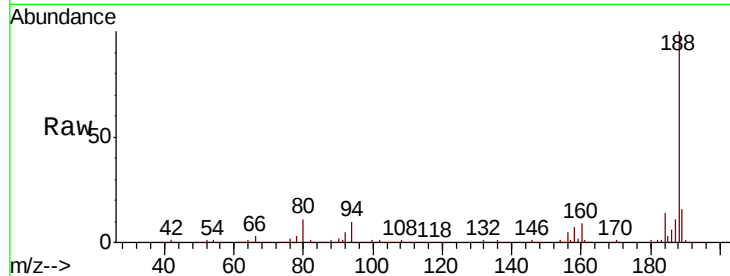




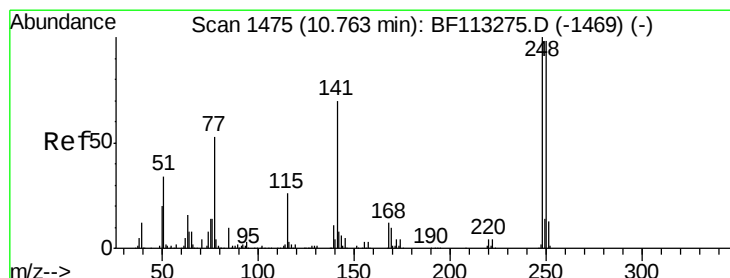
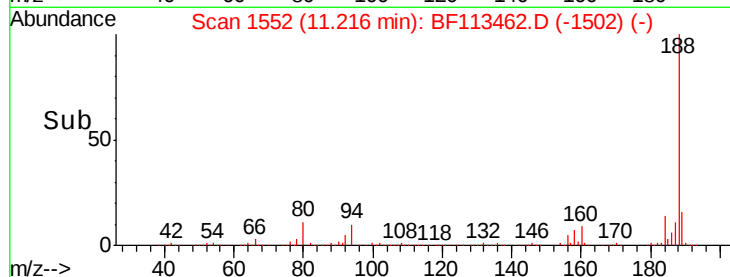
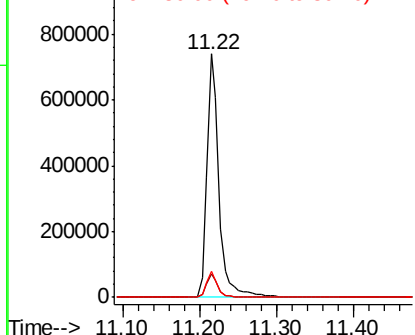
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF113462.D
Acq: 1 Apr 2019 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 794246
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 10.6 8.2 12.2

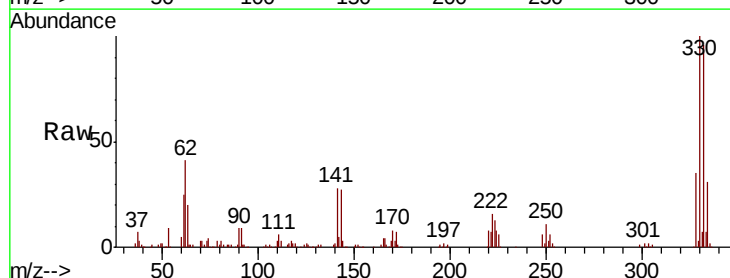


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

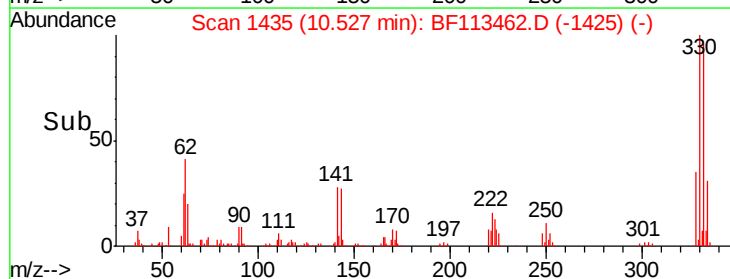
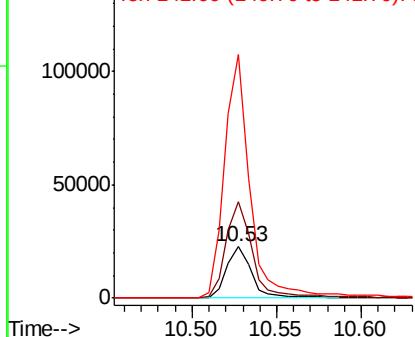


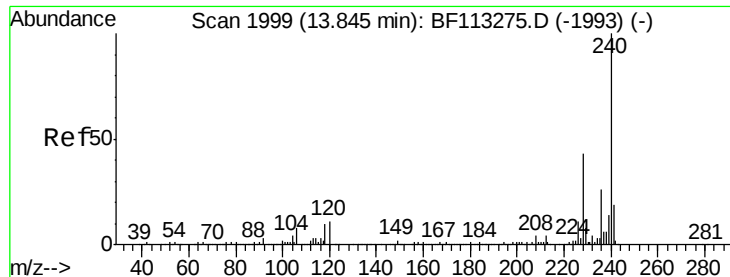
#67
4-Bromophenyl-phenylether
Concen: 2.735 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.24 min
Lab File: BF113462.D
Acq: 1 Apr 2019 13:04

Tgt Ion:248 Resp: 23673
Ion Ratio Lower Upper
248 100
250 187.0 77.5 116.3#
141 474.5 54.0 81.0#



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: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF113462.D

Acq: 1 Apr 2019 13:04

Instrument :

BNA_F

ClientSampleId :

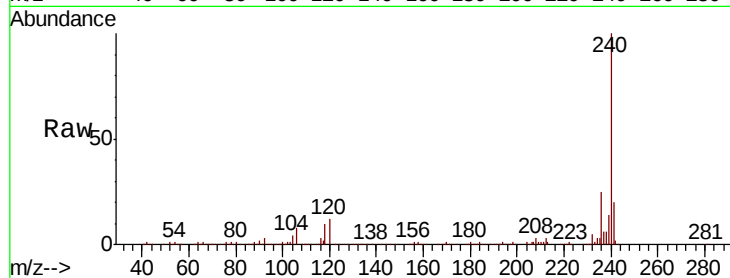
Tot Ion:240 Resp: 691503

Ion Ratio Lower Upper

240 100

120 12.0 9.7 14.5

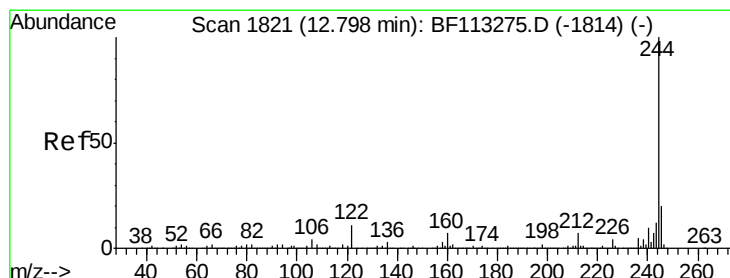
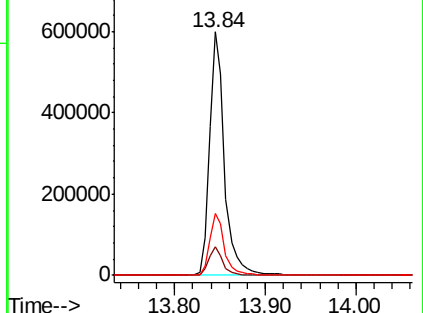
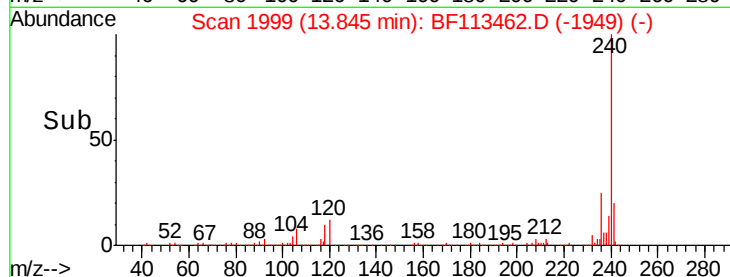
236 25.2 20.9 31.3



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: 57.989 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF113462.D

Acq: 1 Apr 2019 13:04

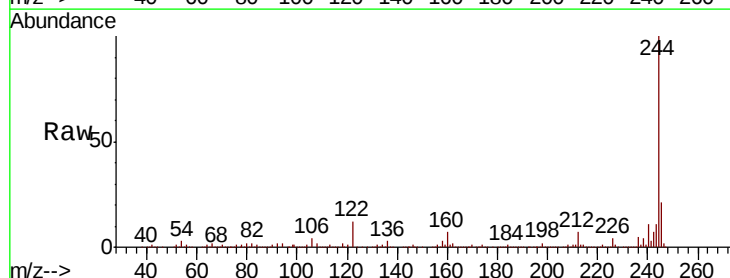
Tgt Ion:244 Resp: 1819253

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

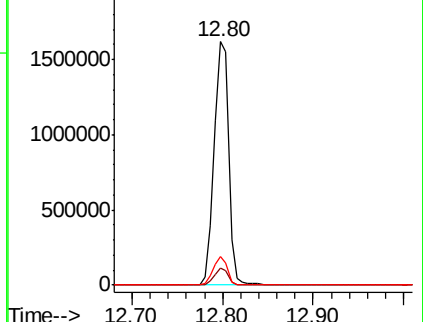
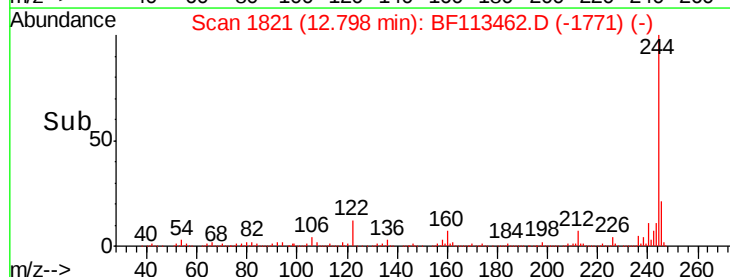
122 11.8 8.7 13.1

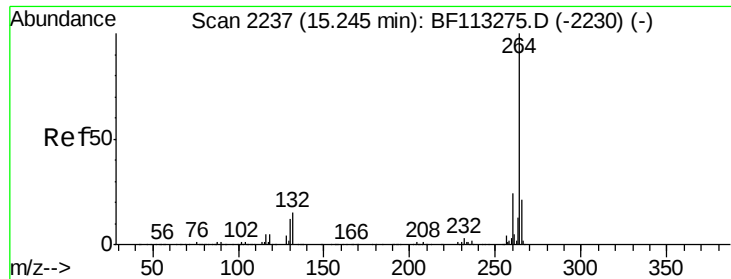


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



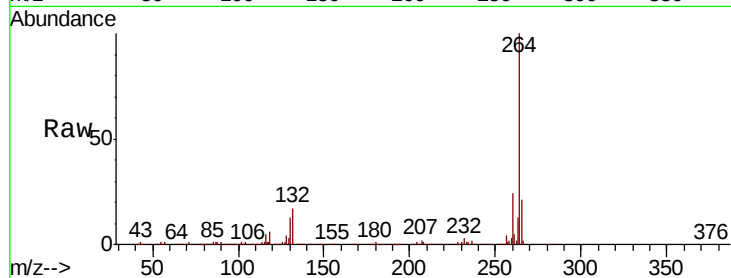


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF113462.D
Acq: 1 Apr 2019 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 555021

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	21.3	17.2	25.8



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

