

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113456.D
 Acq On : 30 Mar 2019 12:33
 Operator : JU/SJ
 Sample : PB118325BL
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118325BL

Quant Time: Apr 01 04:14:28 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

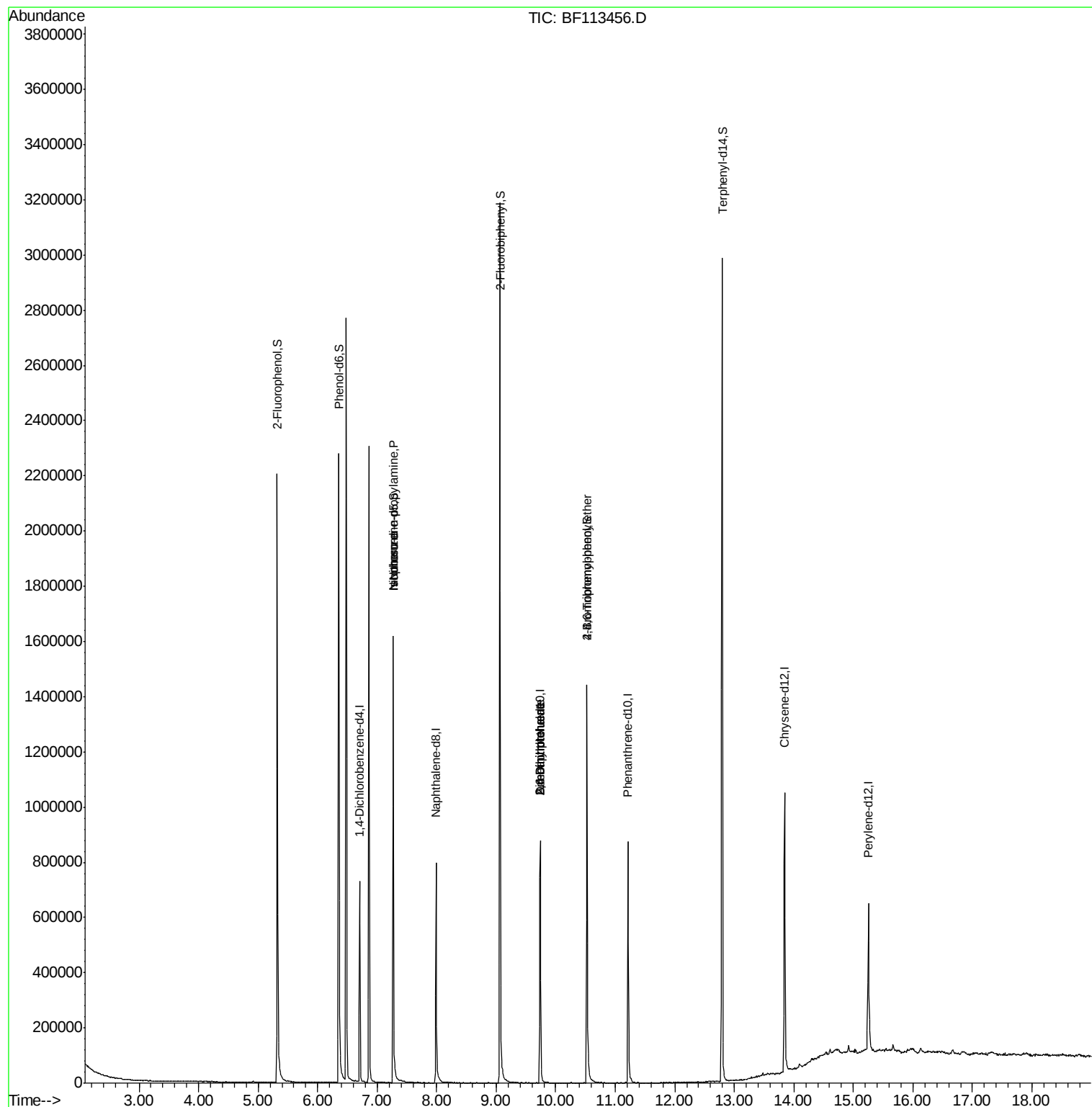
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	112887	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	421418	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	194940	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	377833	20.00	ng	0.00
76) Chrysene-d12	13.85	240	387560	20.00	ng	0.00
87) Perylene-d12	15.25	264	282323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	719665	104.24	ng	0.00
7) Phenol-d6	6.36	99	934544	107.00	ng	0.00
23) Nitrobenzene-d5	7.27	82	542857	76.46	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	241903	100.46	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1064947	85.79	ng	0.00
79) Terphenyl-d14	12.80	244	1205900	68.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	68220	12.435	ng	# 75
25) Isophorone	7.27	82	542854	39.453	ng	# 64
50) Dimethylphthalate	9.74	163	49229	3.408	ng	# 1
51) 2,6-Dinitrotoluene	9.74	165	24684	7.574	ng	# 26
57) 2,4-Dinitrotoluene	9.74	165	24684	5.956	ng	# 22
67) 4-Bromophenyl-phenylether	10.53	248	13255	3.219	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113456.D
Acq On : 30 Mar 2019 12:33
Operator : JU/SJ
Sample : PB118325BL
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB118325BL

Quant Time: Apr 01 04:14:28 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



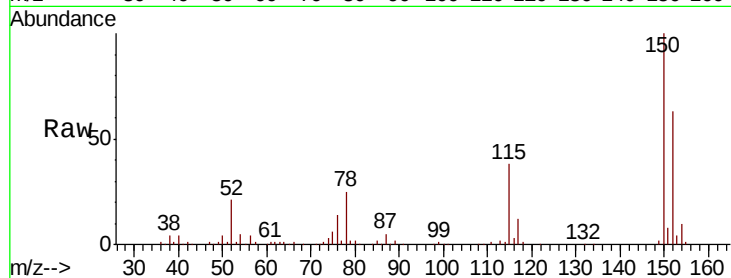


#1

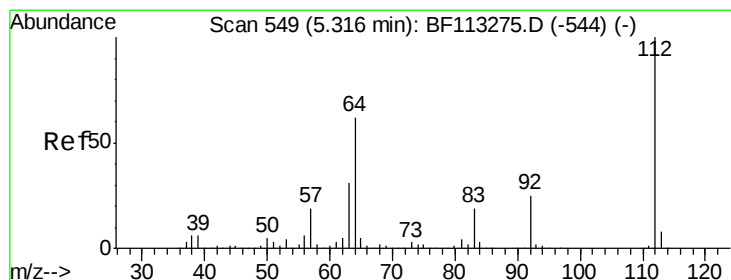
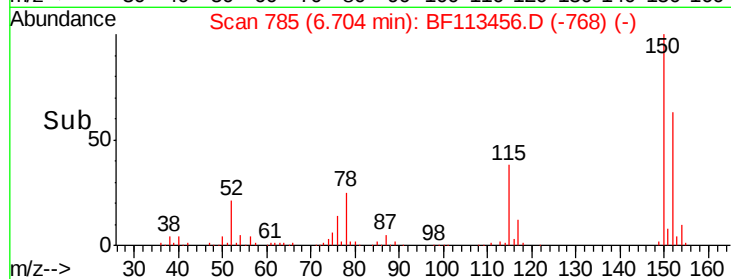
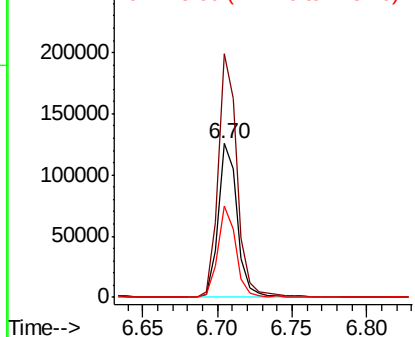
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113456.D
Acq: 30 Mar 2019 12:33

Instrument :
BNA_F
ClientSampleId :
PB118325BL

Tgt Ion:152 Resp: 112887
Ion Ratio Lower Upper
152 100
150 158.4 124.7 187.1
115 59.5 46.0 69.0



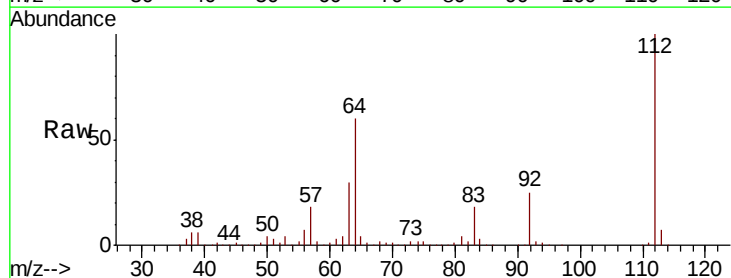
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



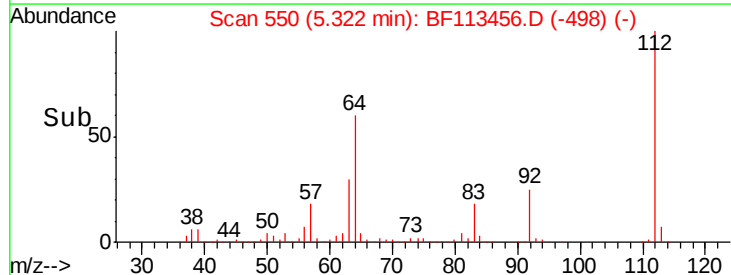
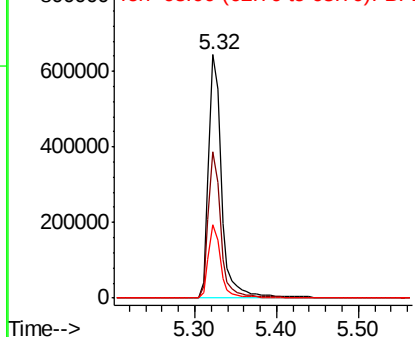
#5

2-Fluorophenol
Concen: 104.240 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113456.D
Acq: 30 Mar 2019 12:33

Tgt Ion:112 Resp: 719665
Ion Ratio Lower Upper
112 100
64 59.9 49.2 73.8
63 30.3 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: 107.003 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113456.D

Acq: 30 Mar 2019 12:33

Instrument :

BNA_F

ClientSampleId :

PB118325BL

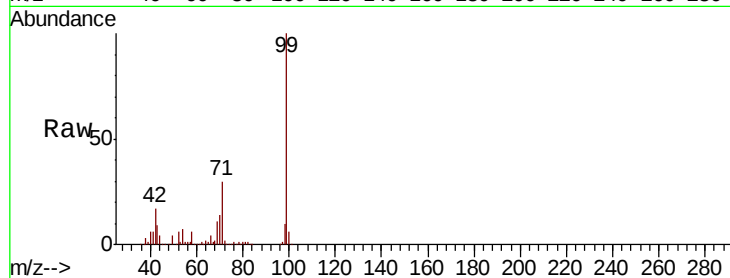
Tgt Ion: 99 Resp: 934544

Ion Ratio Lower Upper

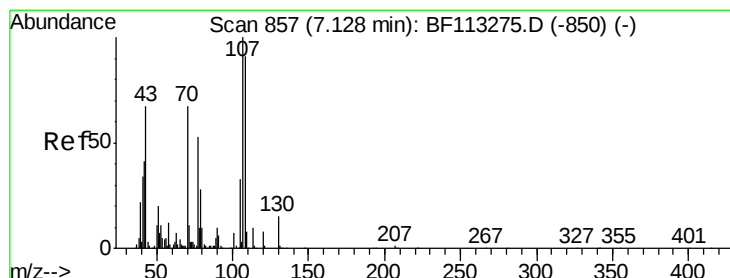
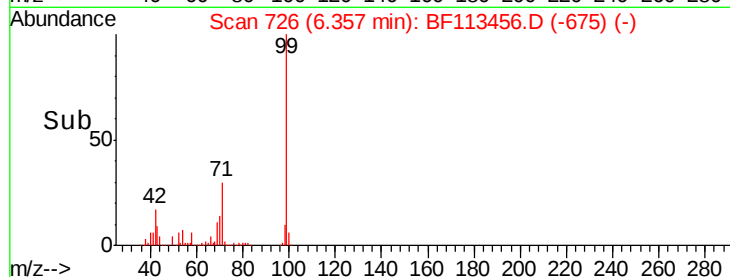
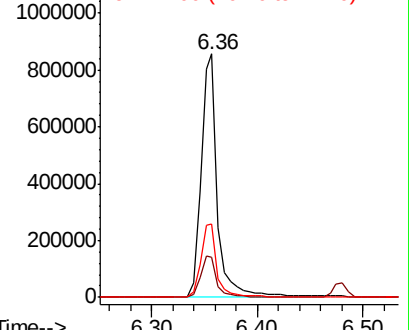
99 100

42 16.7 14.8 22.2

71 29.9 24.9 37.3



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: 12.435 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113456.D

Acq: 30 Mar 2019 12:33

Tgt Ion: 70 Resp: 68220

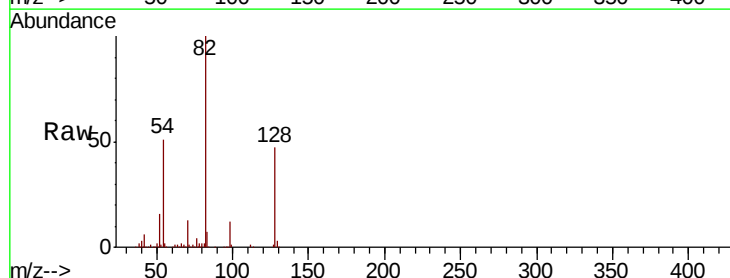
Ion Ratio Lower Upper

70 100

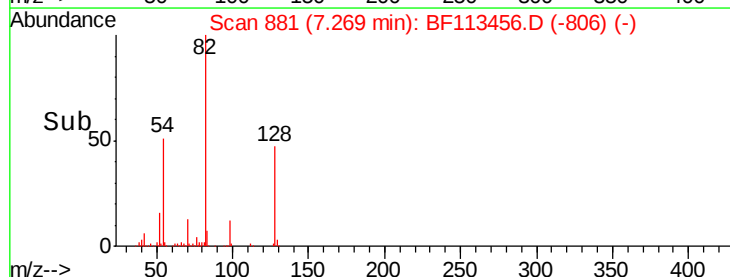
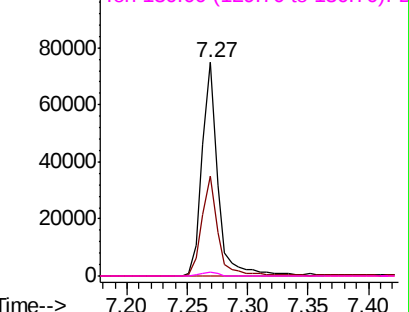
42 46.5 48.4 72.6#

101 0.0 7.8 11.8#

130 2.1 18.2 27.4#



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

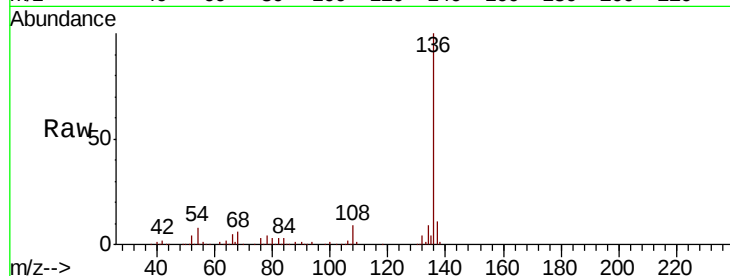




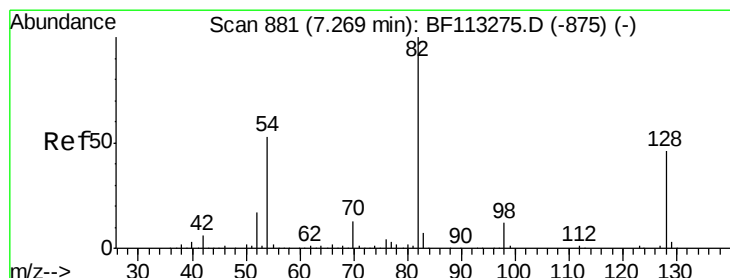
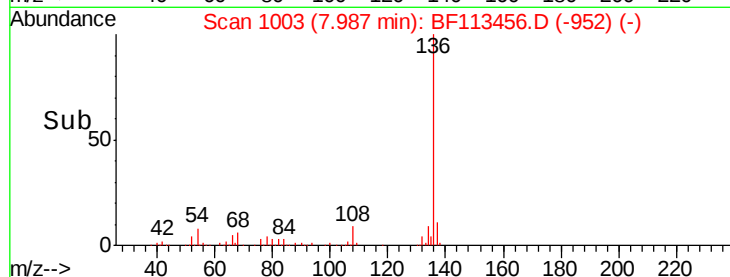
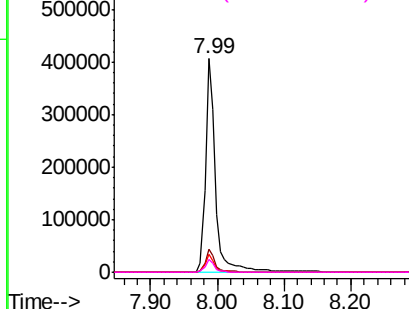
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF113456.D
Acq: 30 Mar 2019 12:33

Instrument :
BNA_F
ClientSampleId :
PB118325BL

Tgt Ion:	136	Resp:	421418
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.4	7.0	10.6
68	6.0	4.8	7.2

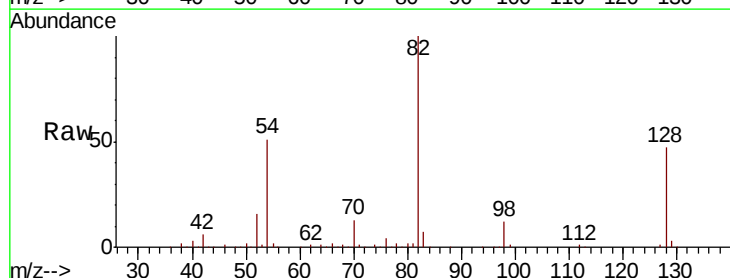


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

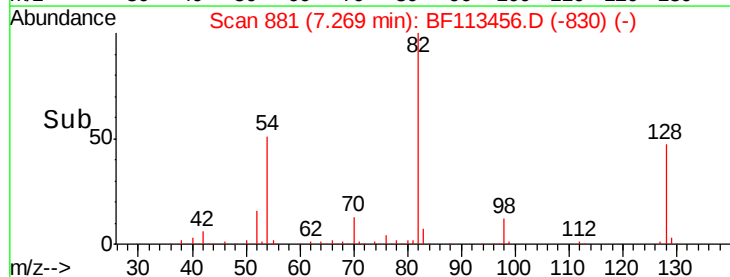
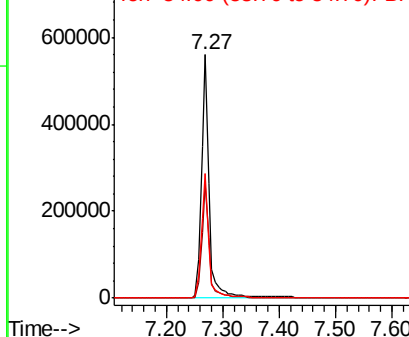


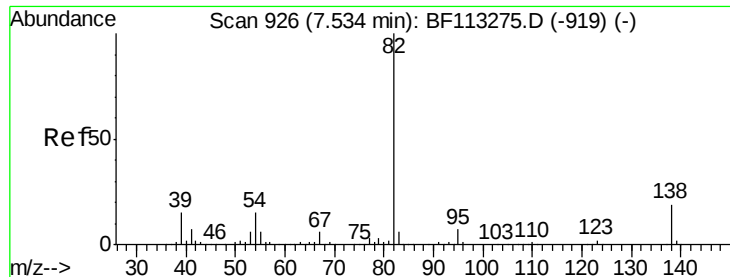
#23
Nitrobenzene-d5
Concen: 76.458 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113456.D
Acq: 30 Mar 2019 12:33

Tgt Ion:	82	Resp:	542857
Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.5	54.7
54	51.1	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

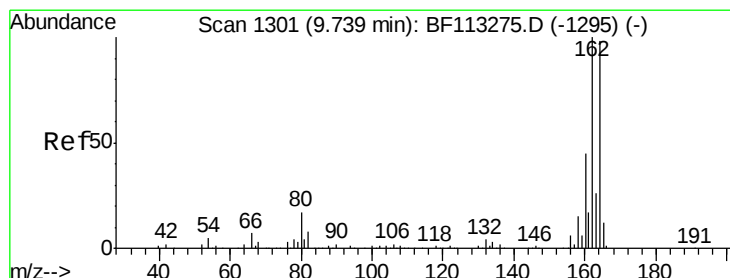
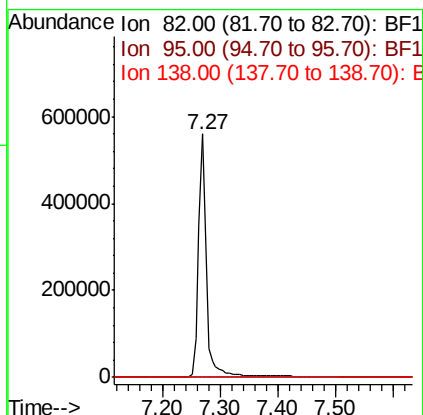
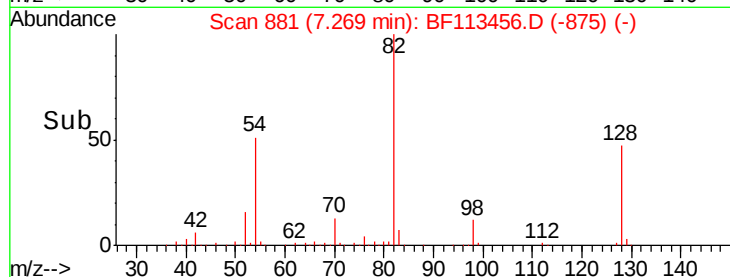
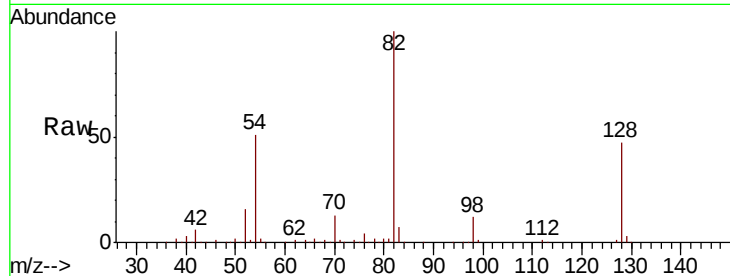




#25
Isophorone
Concen: 39.453 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.26 min
Lab File: BF113456.D
Acq: 30 Mar 2019 12:33

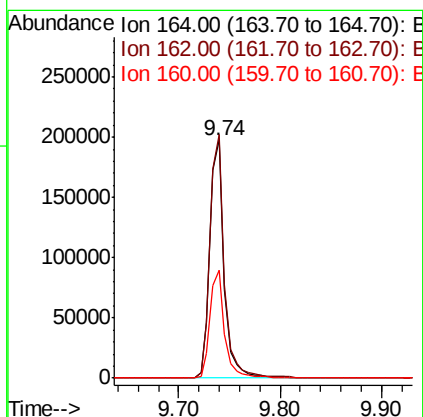
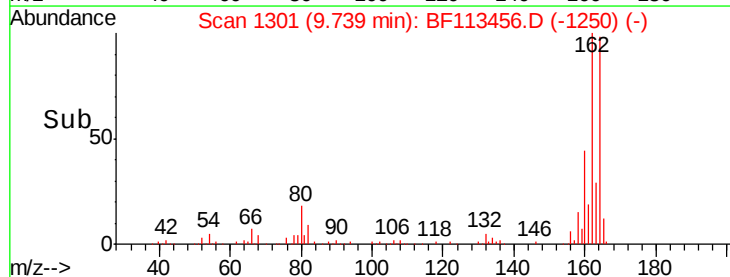
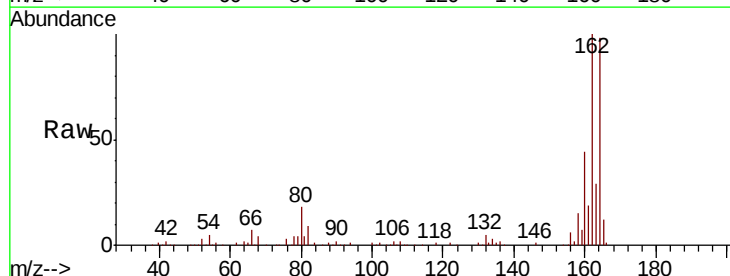
Instrument :
BNA_F
ClientSampleId :
PB118325BL

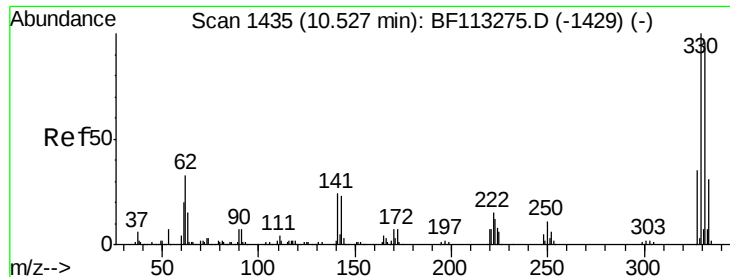
Tgt Ion: 82 Resp: 542854
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF113456.D
Acq: 30 Mar 2019 12:33

Tgt Ion: 164 Resp: 194940
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.6
160 45.1 36.4 54.6

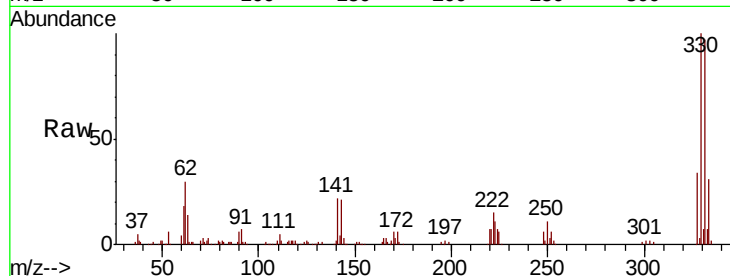




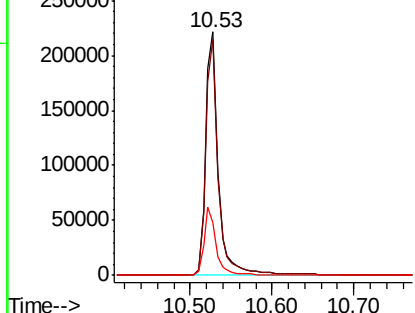
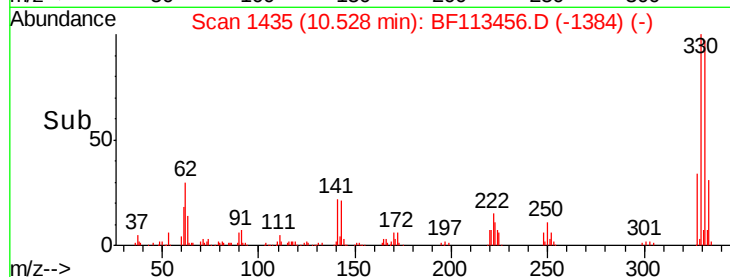
#42
 2,4,6-Tribromophenol
 Concen: 100.460 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF113456.D
 Acq: 30 Mar 2019 12:33

Instrument :
 BNA_F
 ClientSampleId :
 PB118325BL

Tgt Ion:330 Resp: 241903
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.8 116.6
 141 27.3 22.7 34.1

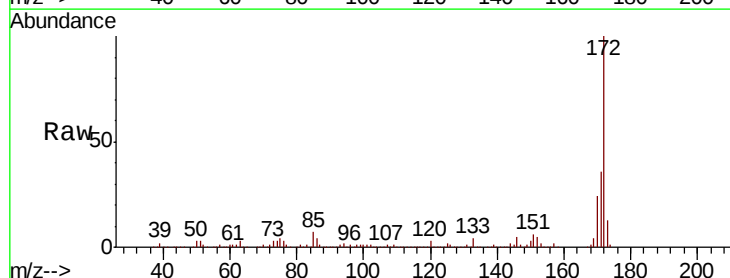


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

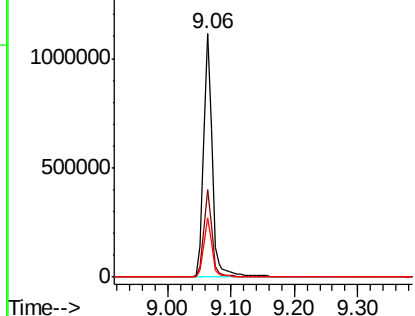
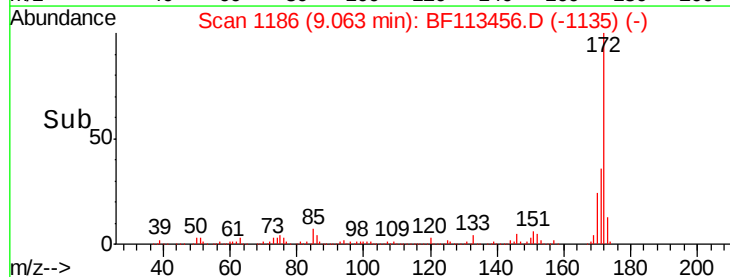


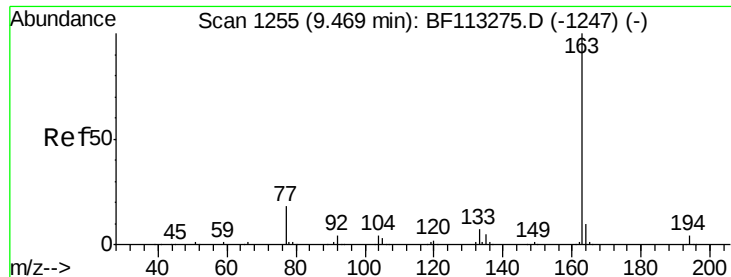
#45
 2-Fluorobiphenyl
 Concen: 85.787 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113456.D
 Acq: 30 Mar 2019 12:33

Tgt Ion:172 Resp: 1064947
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.2 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





#50

Dimethylphthalate

Concen: 3.408 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.27 min

Lab File: BF113456.D

Acq: 30 Mar 2019 12:33

Instrument :

BNA_F

ClientSampleId :

PB118325BL

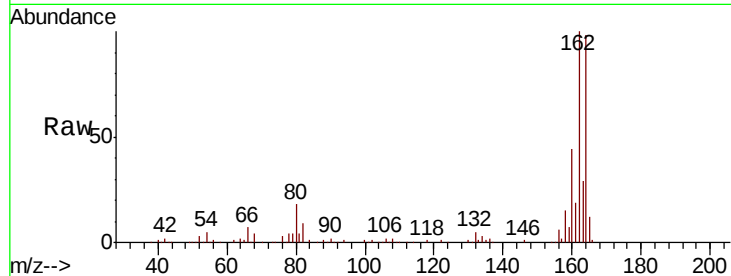
Tgt Ion:163 Resp: 49229

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

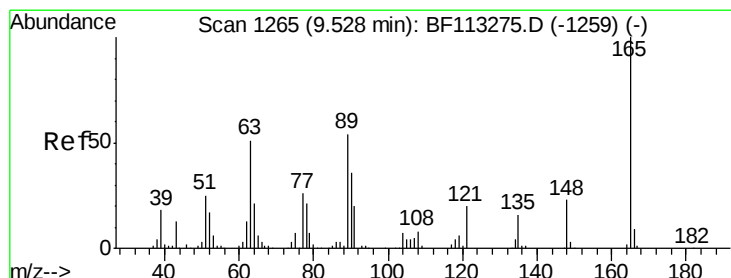
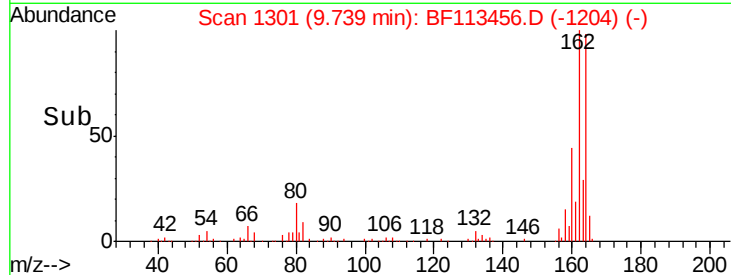
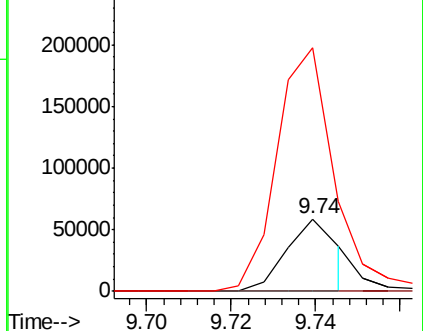
164 335.7 8.1 12.1#



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



#51

2,6-Dinitrotoluene

Concen: 7.574 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.21 min

Lab File: BF113456.D

Acq: 30 Mar 2019 12:33

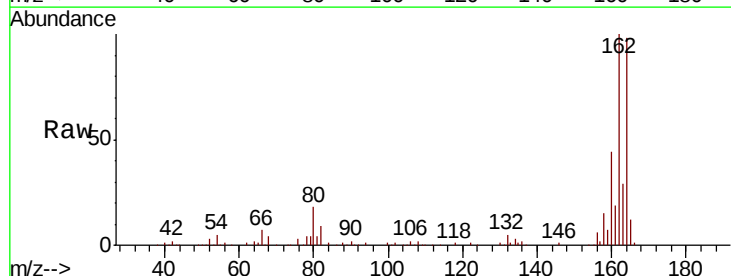
Tgt Ion:165 Resp: 24684

Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.0#

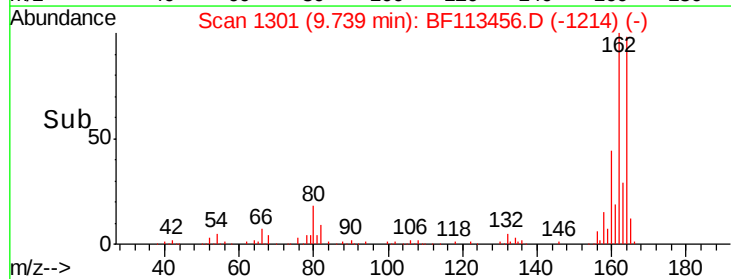
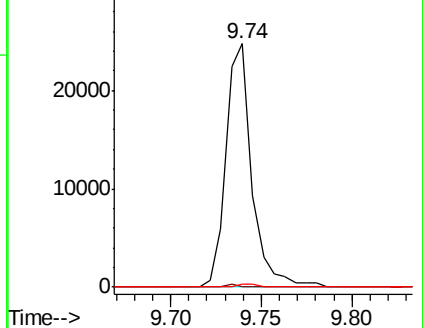
89 1.3 43.1 64.7#

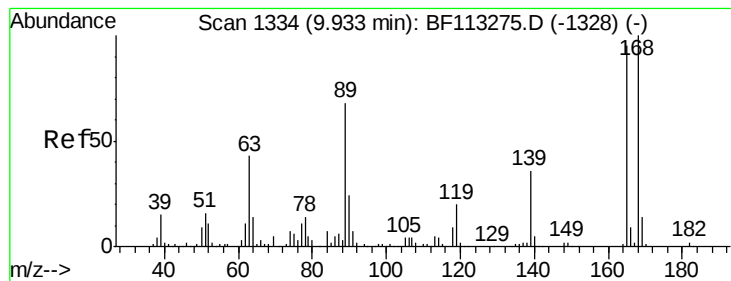


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 5.956 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.19 min

Lab File: BF113456.D

Acq: 30 Mar 2019 12:33

Instrument :

BNA_F

ClientSampleId :

PB118325BL

Tgt Ion:165 Resp: 24684

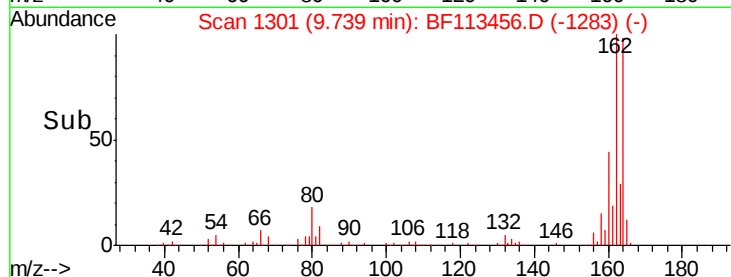
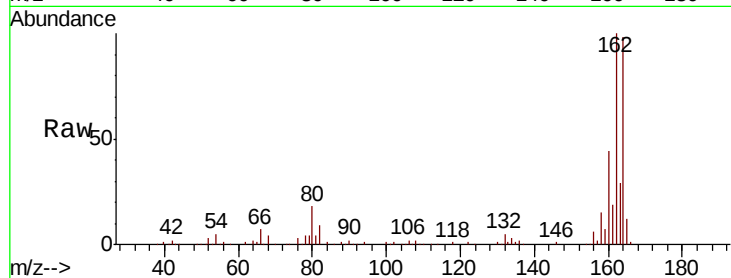
Ion Ratio Lower Upper

165 100

63 0.0 37.5 56.3#

89 1.3 57.4 86.2#

182 0.0 2.0 3.0#

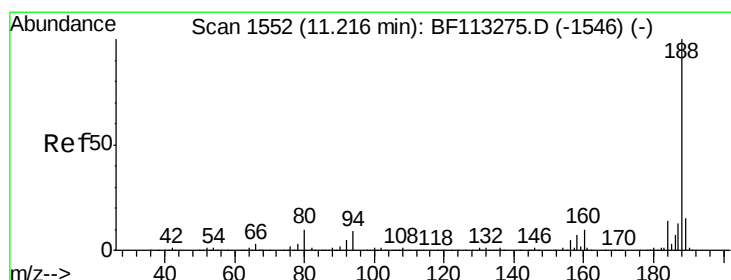
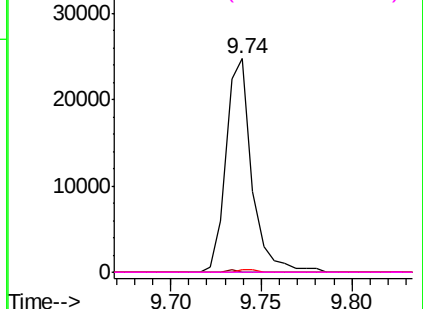


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF113456.D

Acq: 30 Mar 2019 12:33

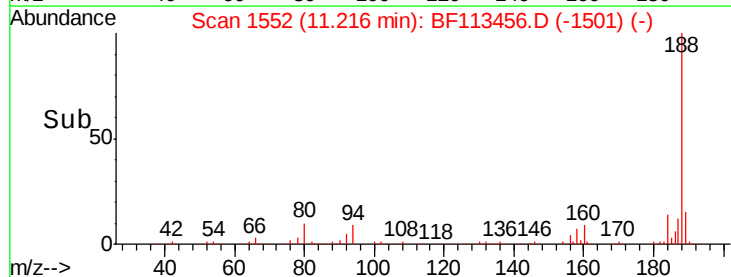
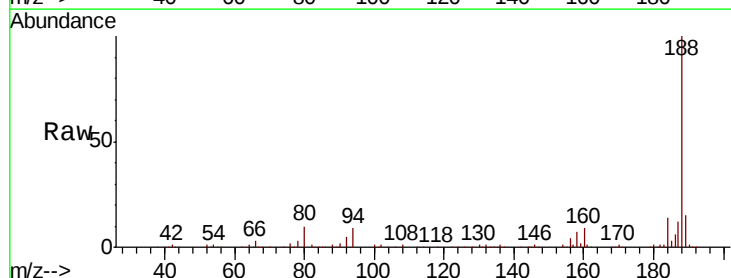
Tgt Ion:188 Resp: 377833

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.6

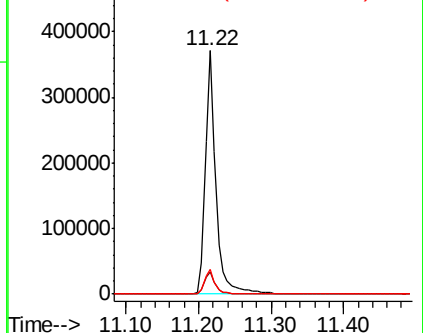
80 10.1 7.7 11.5

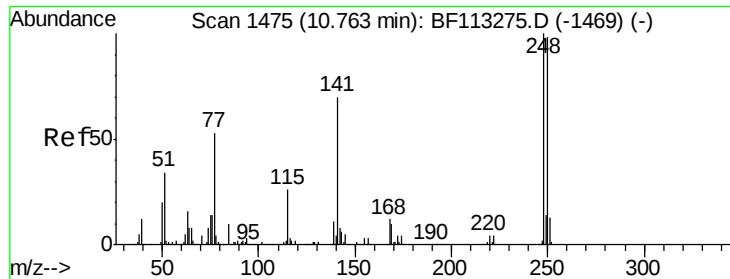


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

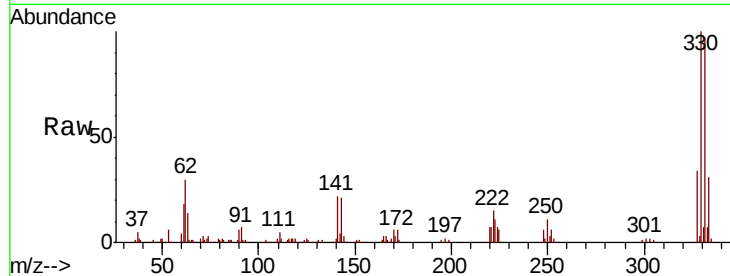




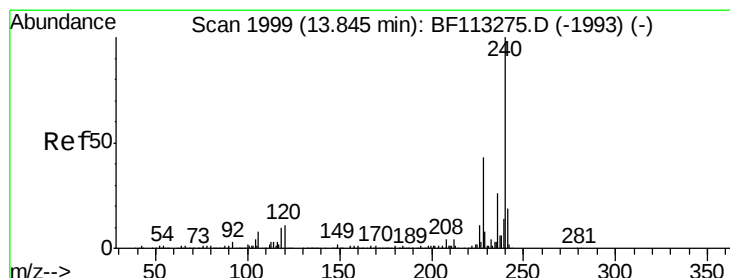
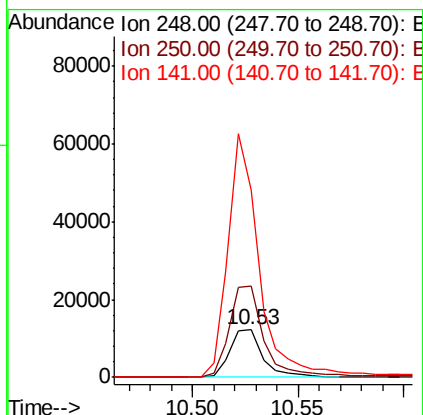
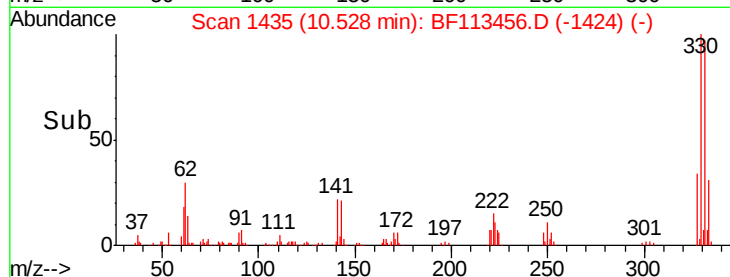
#67
4-Bromophenyl-phenylether
Concen: 3.219 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.24 min
Lab File: BF113456.D
Acq: 30 Mar 2019 12:33

Instrument :
BNA_F
ClientSampleId :
PB118325BL

Tgt Ion:248 Resp: 13255
Ion Ratio Lower Upper
248 100
250 193.7 78.3 117.5#
141 395.4 56.2 84.4#

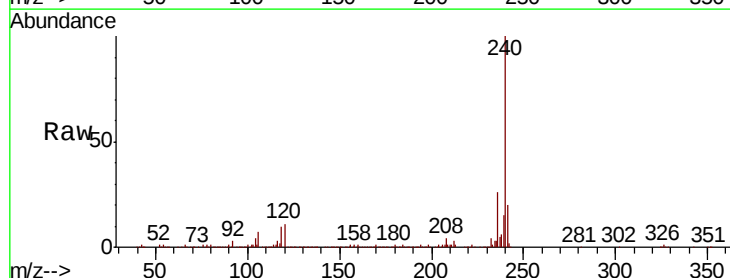


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

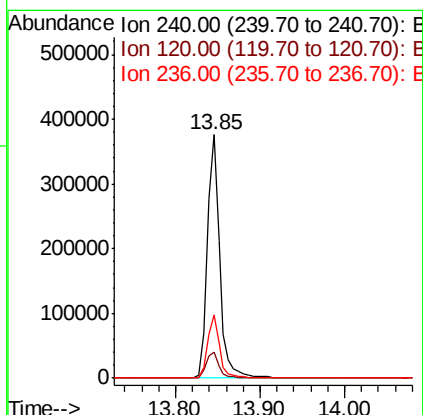
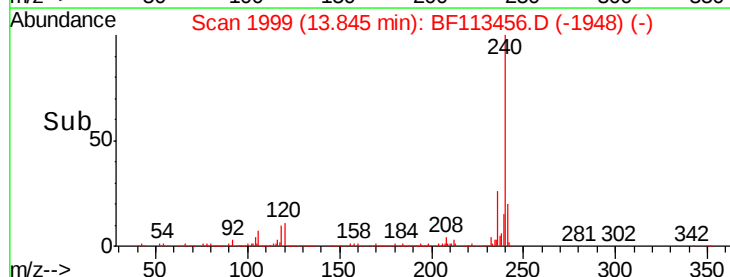


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF113456.D
Acq: 30 Mar 2019 12:33

Tgt Ion:240 Resp: 387560
Ion Ratio Lower Upper
240 100
120 10.8 8.8 13.2
236 25.8 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: 68.583 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF113456.D

Acq: 30 Mar 2019 12:33

Instrument :

BNA_F

ClientSampleId :

PB118325BL

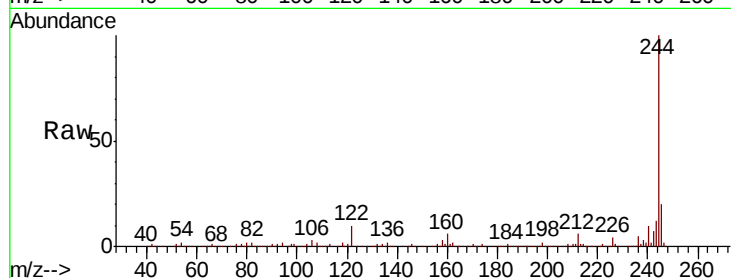
Tgt Ion:244 Resp: 1205900

Ion Ratio Lower Upper

244 100

212 6.3 5.5 8.3

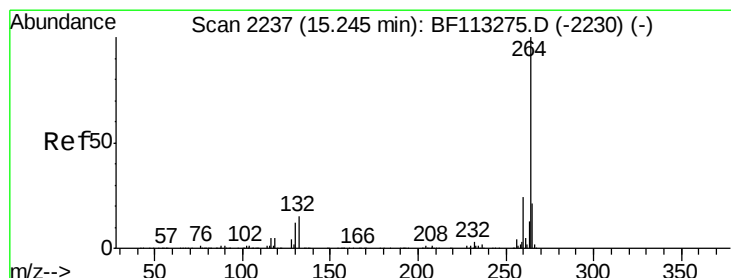
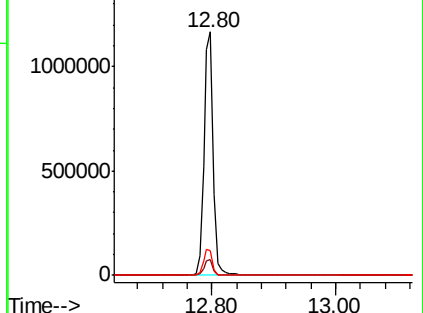
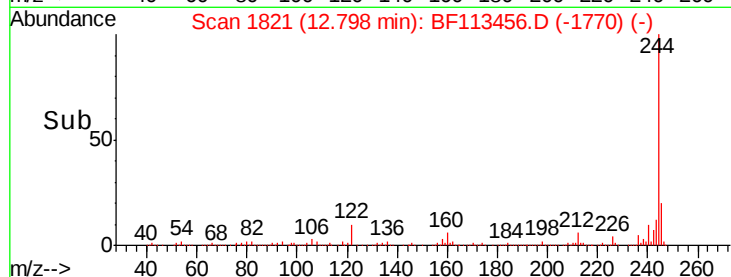
122 9.9 8.6 13.0



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: 15.25 min Scan# 2238

Delta R.T. 0.01 min

Lab File: BF113456.D

Acq: 30 Mar 2019 12:33

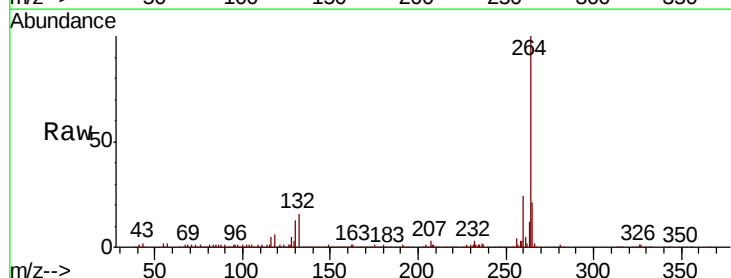
Tgt Ion:264 Resp: 282323

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 20.9 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

