

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
 Data File : BF113360.D
 Acq On : 28 Mar 2019 6:25
 Operator : JU/SJ
 Sample : K2097-09
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-22

Quant Time: Mar 28 08:50:18 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

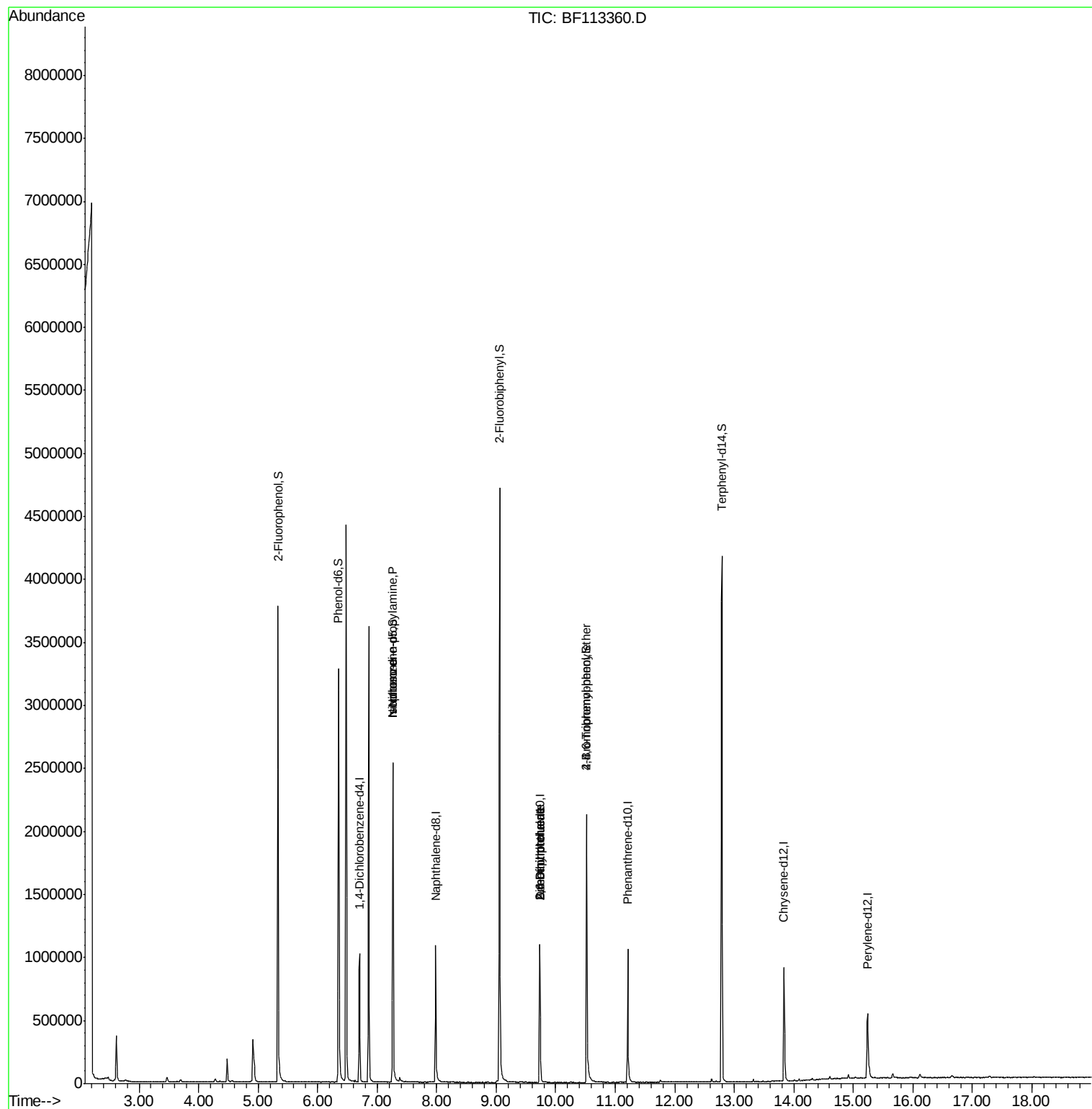
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	162498	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	598543	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	265381	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	469887	20.00	ng	0.00
76) Chrysene-d12	13.83	240	398673	20.00	ng	-0.01
87) Perylene-d12	15.24	264	298640	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1201206	120.87	ng	0.02
7) Phenol-d6	6.35	99	1402499	111.56	ng	0.00
23) Nitrobenzene-d5	7.26	82	992940	98.46	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	377569	115.18	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1831191	114.21	ng	0.00
79) Terphenyl-d14	12.79	244	1628798	90.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	130248	16.493	ng	# 75
25) Isophorone	7.26	82	982202	50.259	ng	# 64
50) Dimethylphthalate	9.73	163	65812	3.346	ng	# 1
51) 2,6-Dinitrotoluene	9.73	165	33926	7.647	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	33926	6.013	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	21245	4.148	ng	# 1

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

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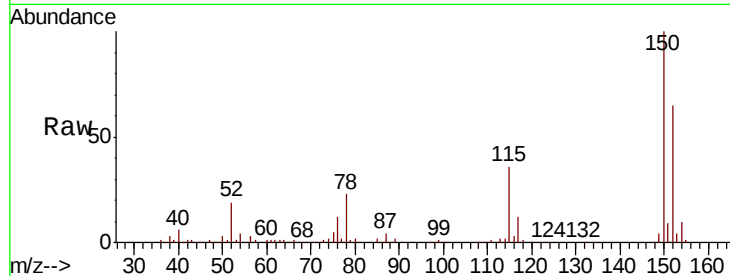


#1

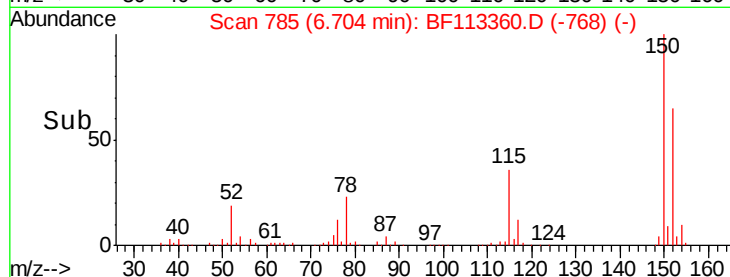
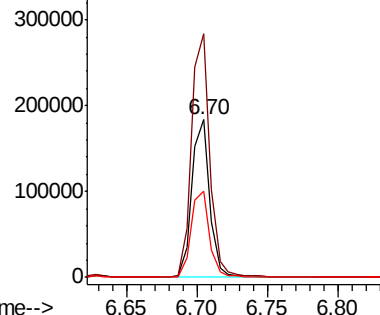
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113360.D
Acq: 28 Mar 2019 6:25

Instrument :
BNA_F
ClientSampleId :
CS-22

Tgt Ion:152 Resp: 162498
Ion Ratio Lower Upper
152 100
150 154.3 124.7 187.1
115 54.8 46.0 69.0



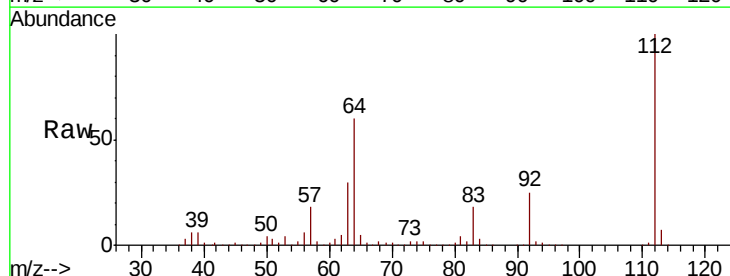
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



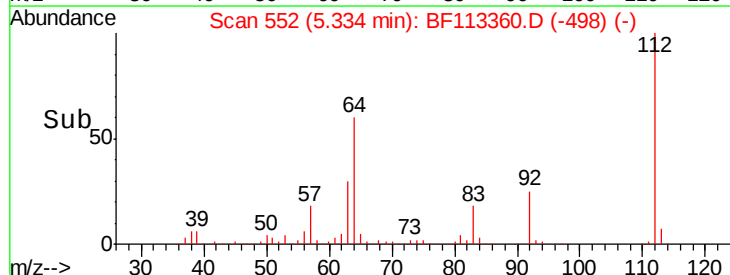
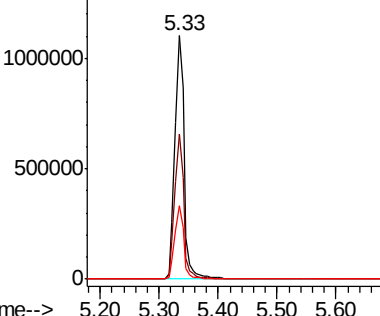
#5

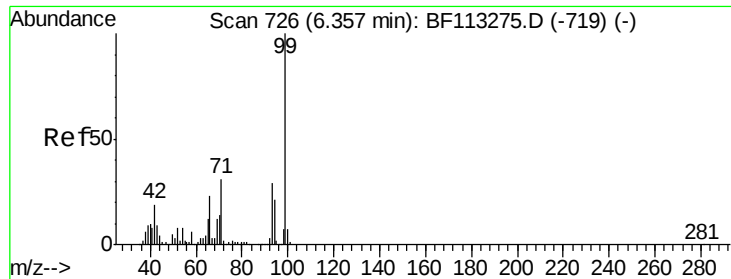
2-Fluorophenol
Concen: 120.870 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.02 min
Lab File: BF113360.D
Acq: 28 Mar 2019 6:25

Tgt Ion:112 Resp: 1201206
Ion Ratio Lower Upper
112 100
64 59.7 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: 111.557 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113360.D

Acq: 28 Mar 2019 6:25

Instrument :

BNA_F

ClientSampleId :

CS-22

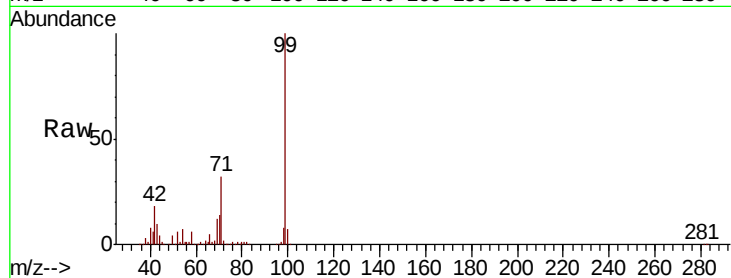
Tgt Ion: 99 Resp: 1402499

Ion Ratio Lower Upper

99 100

42 18.2 14.8 22.2

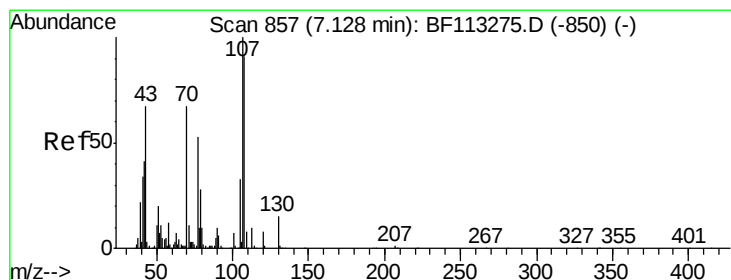
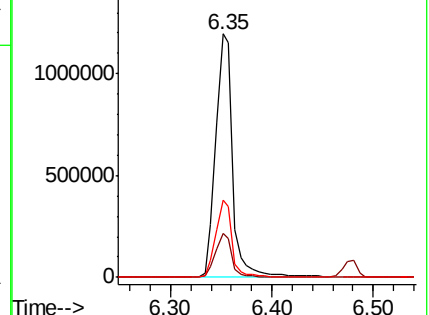
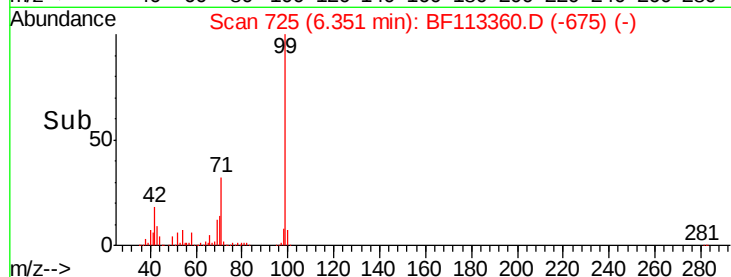
71 32.0 24.9 37.3



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: 16.493 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF113360.D

Acq: 28 Mar 2019 6:25

Tgt Ion: 70 Resp: 130248

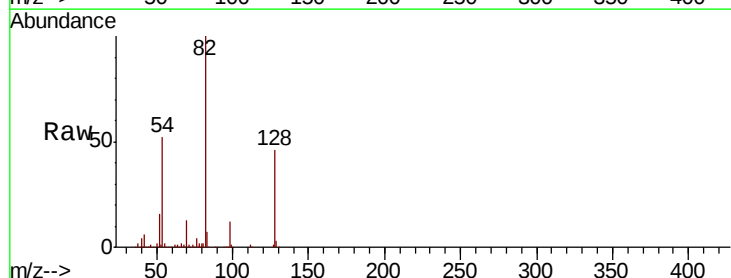
Ion Ratio Lower Upper

70 100

42 46.3 48.4 72.6#

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#

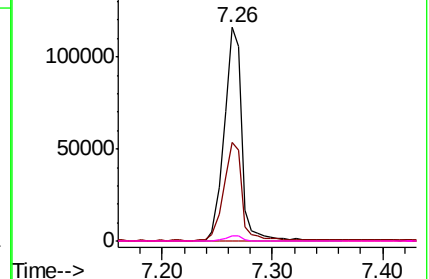
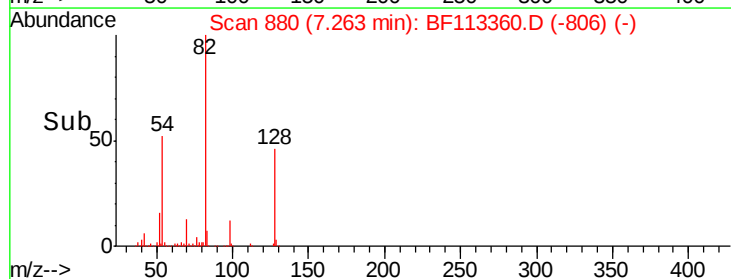


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113360.D

Acq: 28 Mar 2019 6:25

Instrument :

BNA_F

ClientSampleId :

CS-22

Tgt Ion: 136 Resp: 598543

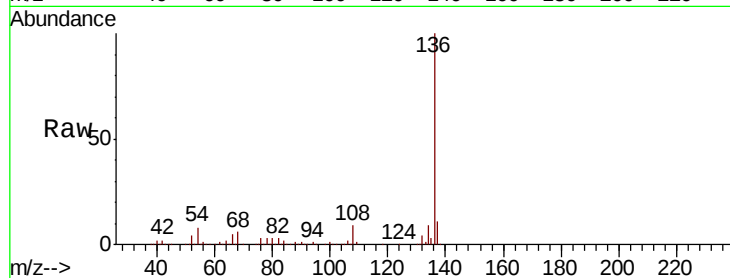
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.3 7.0 10.6

68 6.2 4.8 7.2

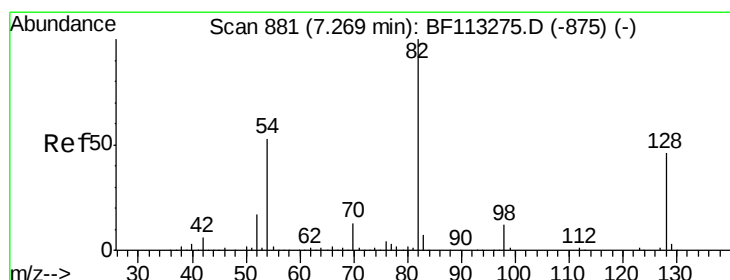
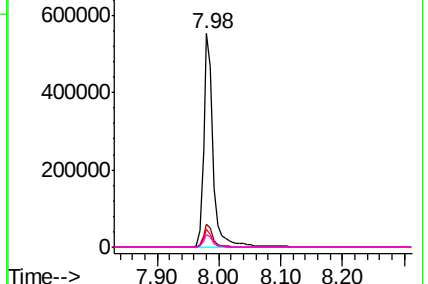
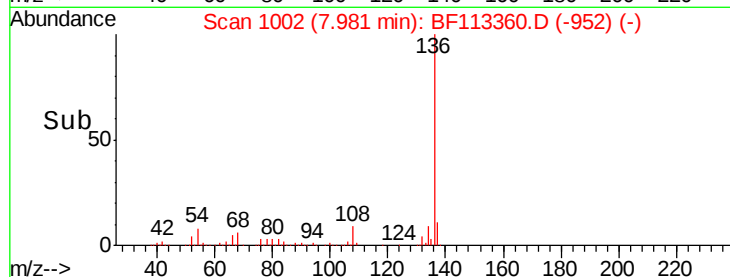


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.464 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF113360.D

Acq: 28 Mar 2019 6:25

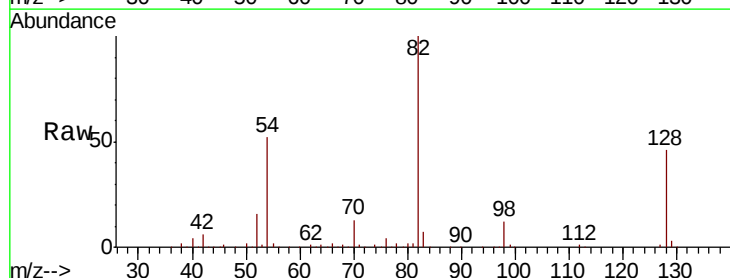
Tgt Ion: 82 Resp: 992940

Ion Ratio Lower Upper

82 100

128 45.6 36.5 54.7

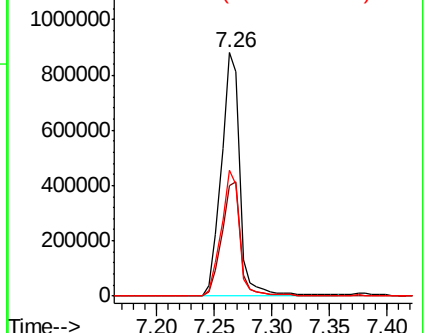
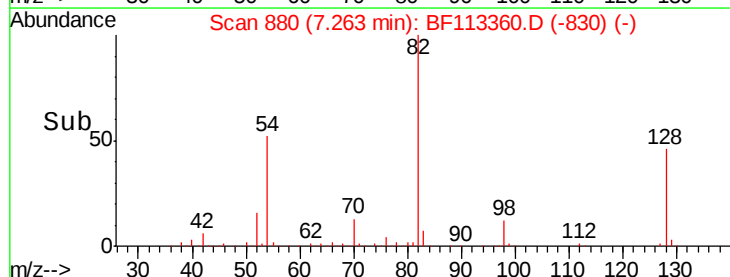
54 51.6 42.2 63.2

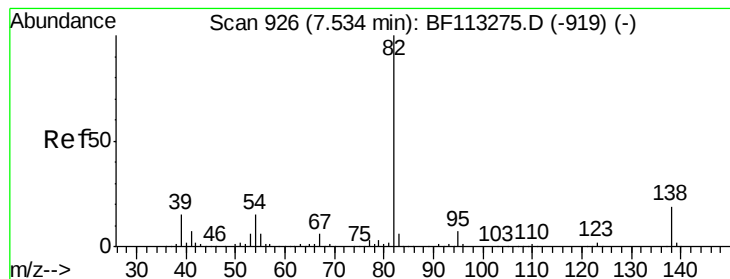


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.259 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.27 min

Lab File: BF113360.D

Acq: 28 Mar 2019 6:25

Instrument :

BNA_F

ClientSampled :

CS-22

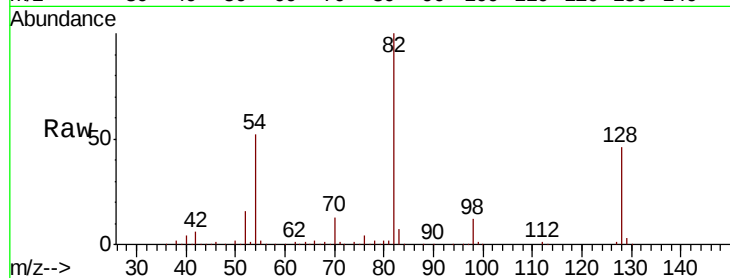
Tgt Ion: 82 Resp: 982202

Ion Ratio Lower Upper

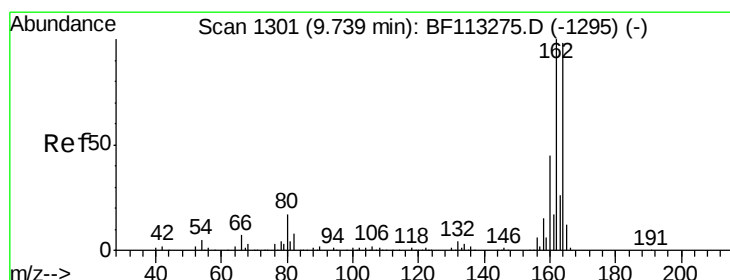
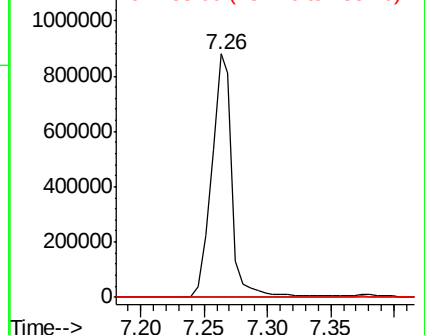
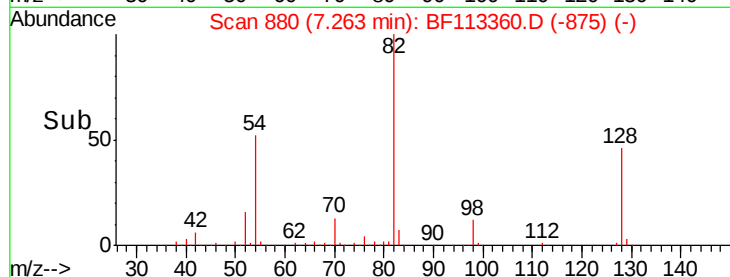
82 100

95 0.0 5.5 8.3#

138 0.0 15.2 22.8#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113360.D

Acq: 28 Mar 2019 6:25

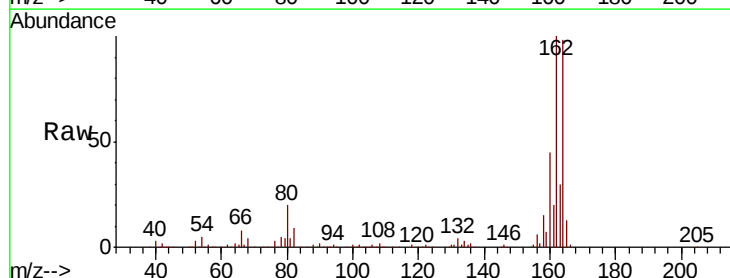
Tgt Ion: 164 Resp: 265381

Ion Ratio Lower Upper

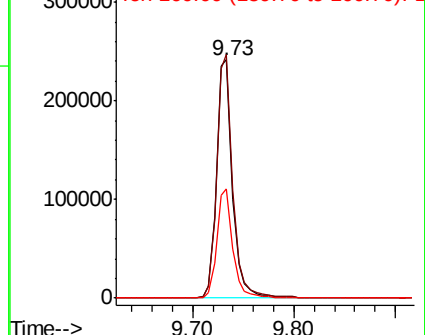
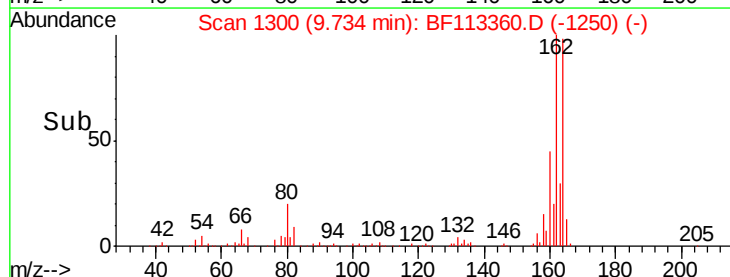
164 100

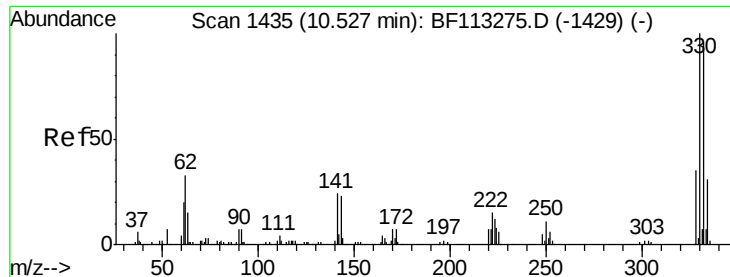
162 102.3 81.8 122.6

160 45.9 36.4 54.6



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

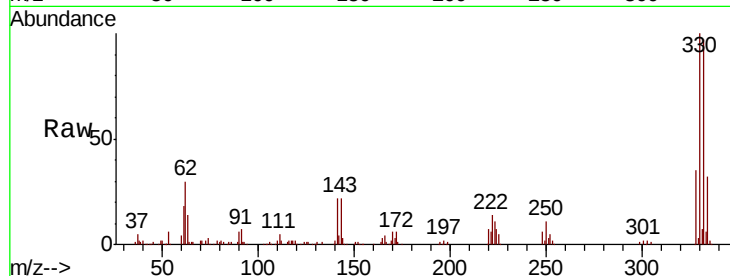




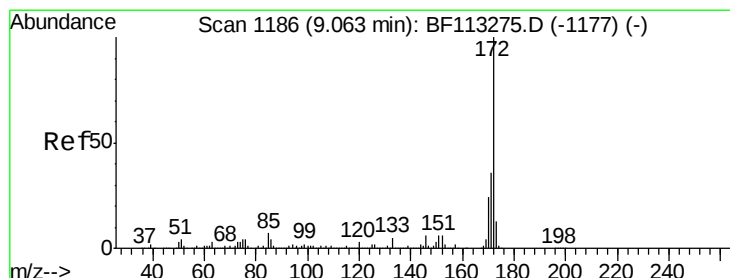
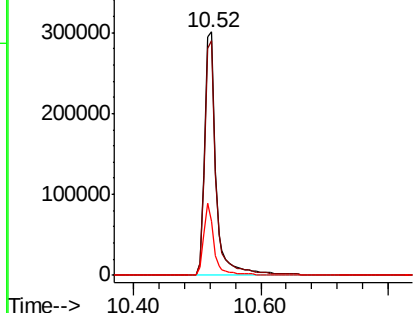
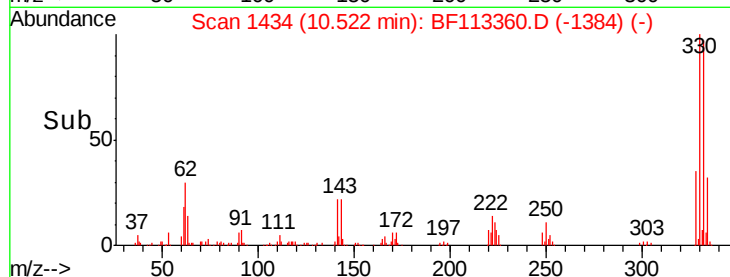
#42
 2,4,6-Tribromophenol
 Concen: 115.181 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113360.D
 Acq: 28 Mar 2019 6:25

Instrument :
 BNA_F
 ClientSampleId :
 CS-22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.8	116.6
141	26.8	22.7	34.1

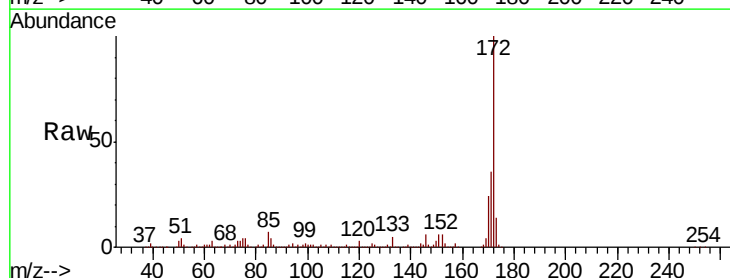


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

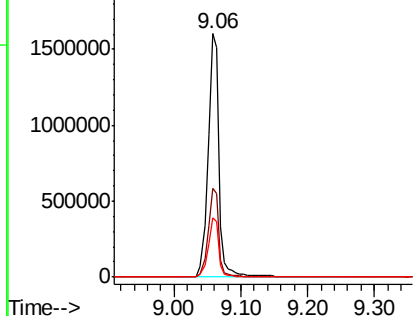
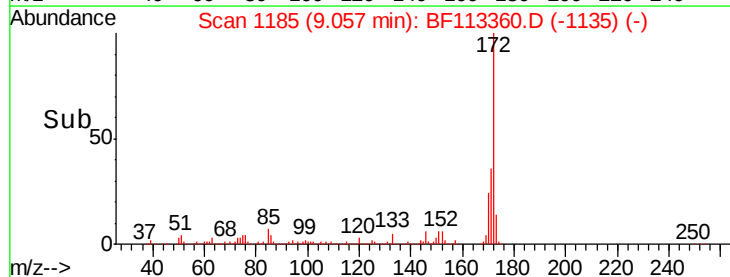


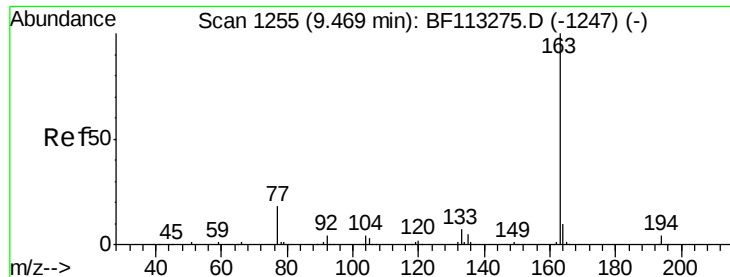
#45
 2-Fluorobiphenyl
 Concen: 114.213 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF113360.D
 Acq: 28 Mar 2019 6:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.4	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

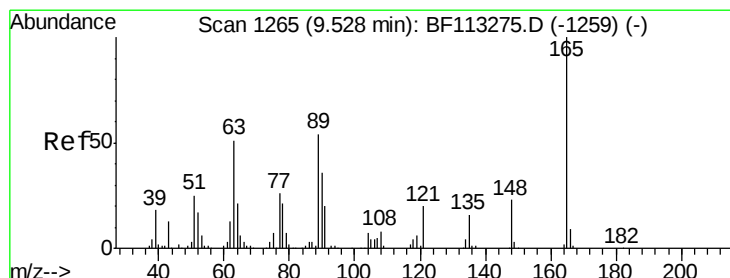
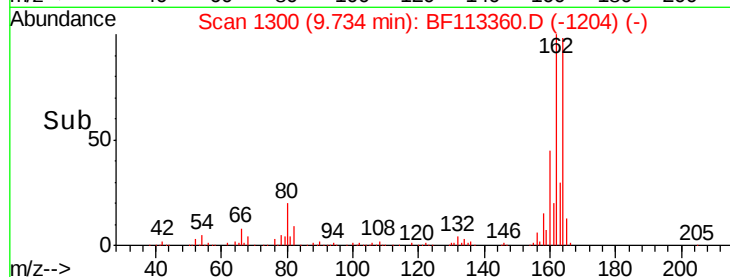
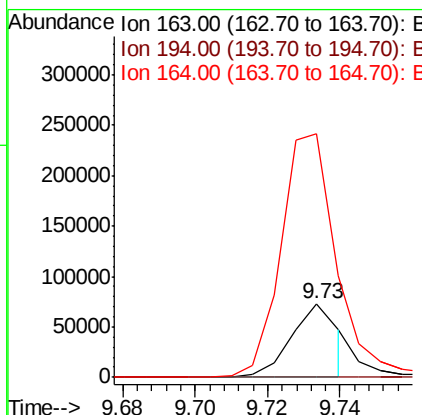
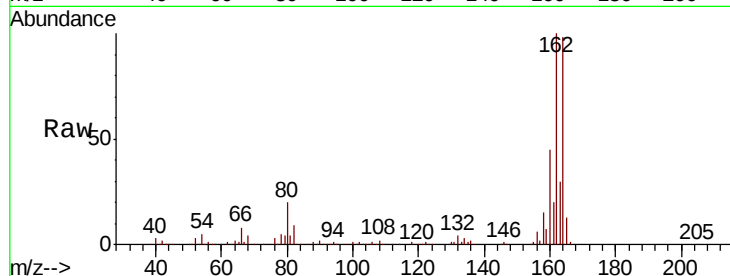




#50
 Dimethylphthalate
 Concen: 3.346 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.26 min
 Lab File: BF113360.D
 Acq: 28 Mar 2019 6:25

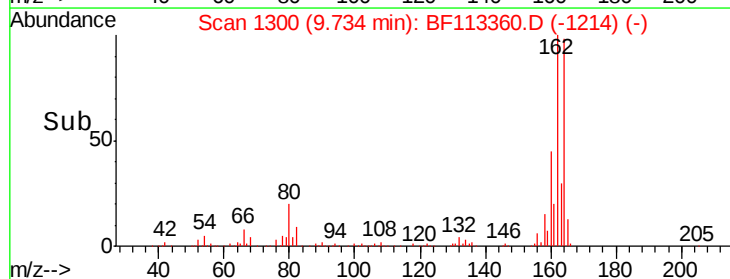
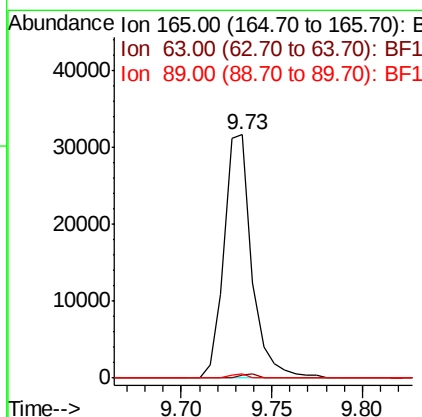
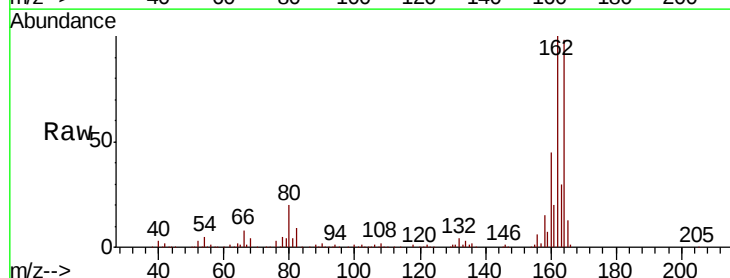
Instrument :
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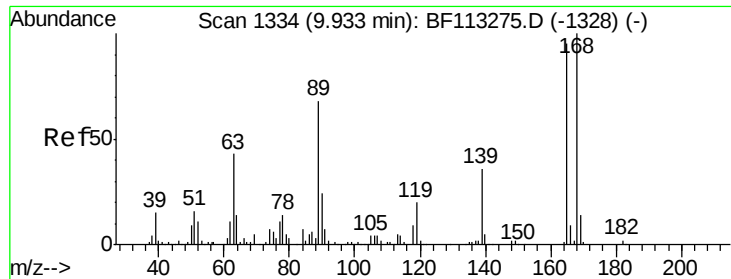
Tgt Ion:163 Resp: 65812
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.0 4.6#
 164 329.7 8.1 12.1#



#51
 2,6-Dinitrotoluene
 Concen: 7.647 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.21 min
 Lab File: BF113360.D
 Acq: 28 Mar 2019 6:25

Tgt Ion:165 Resp: 33926
 Ion Ratio Lower Upper
 165 100
 63 1.1 43.4 65.0#
 89 1.5 43.1 64.7#

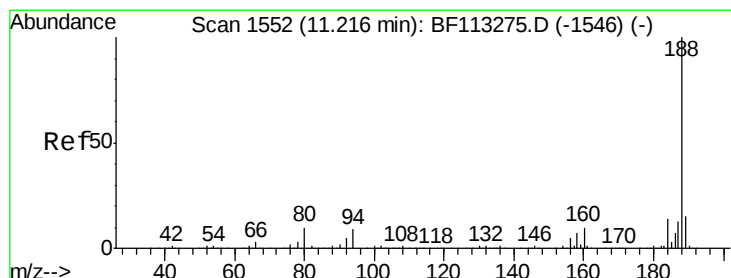
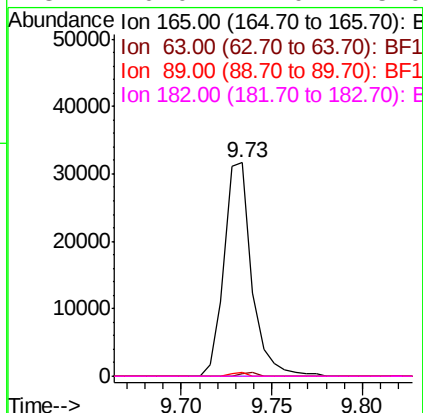
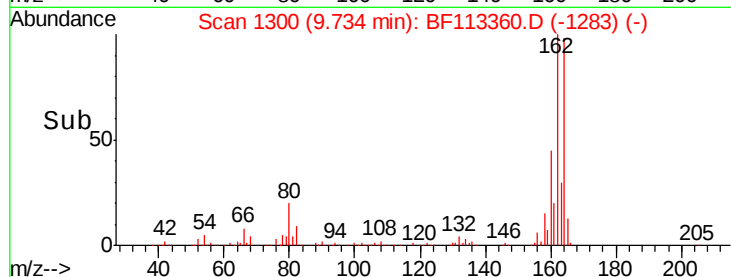
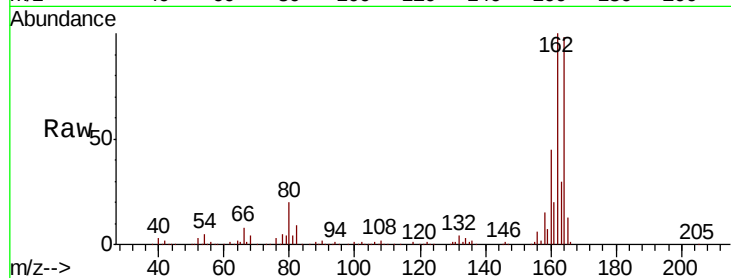




#57
 2,4-Dinitrotoluene
 Concen: 6.013 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113360.D
 Acq: 28 Mar 2019 6:25

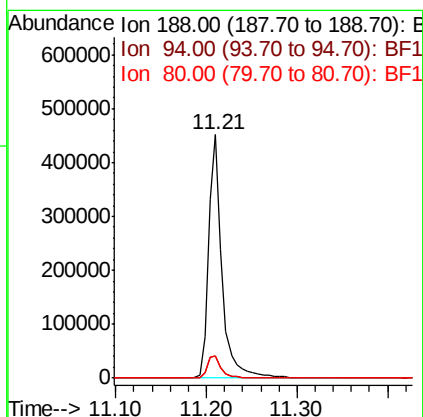
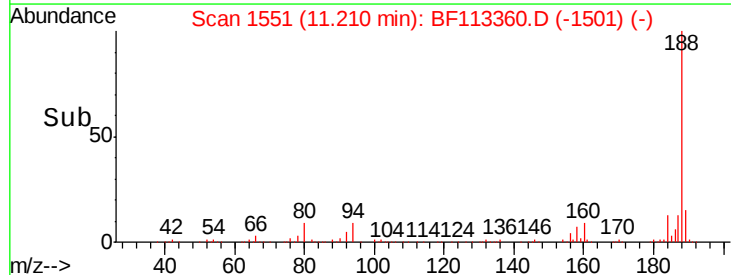
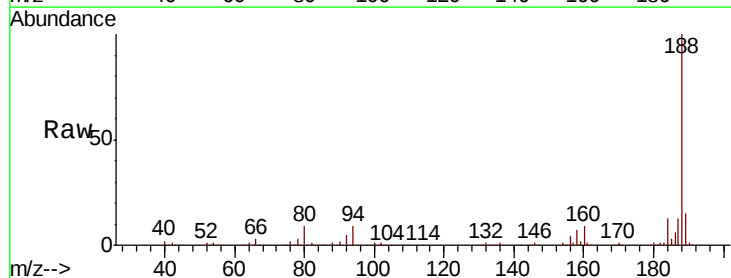
Instrument :
 BNA_F
 ClientSampleID :
 CS-22

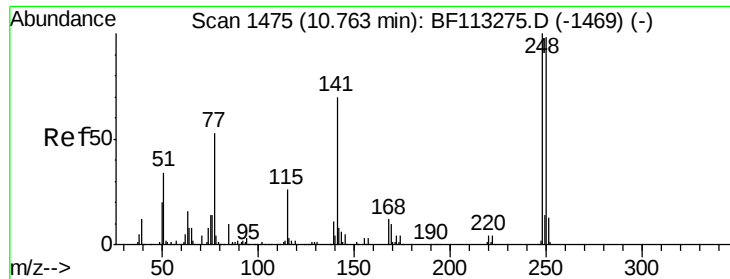
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	37.5	56.3#
89	1.5	57.4	86.2#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113360.D
 Acq: 28 Mar 2019 6:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.0	10.6
80	9.2	7.7	11.5

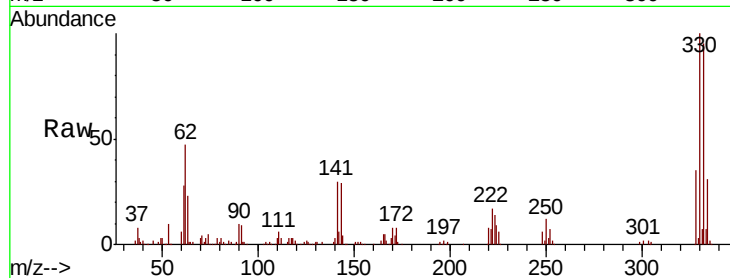




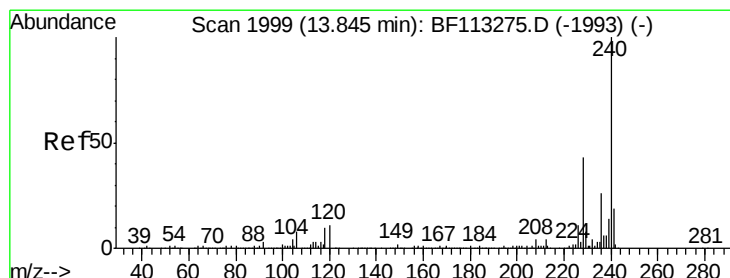
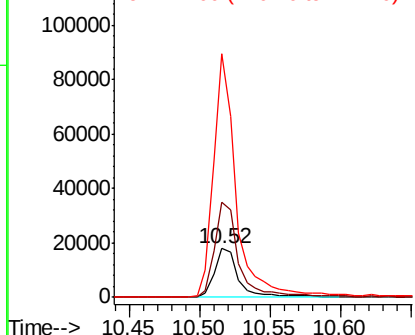
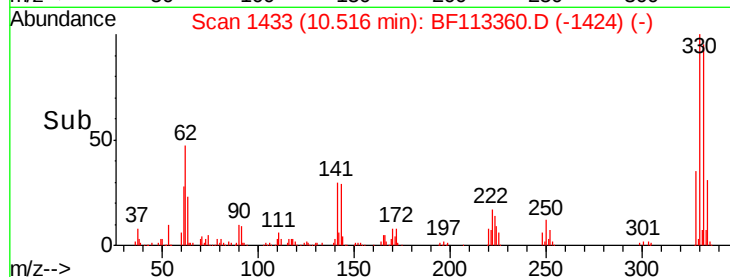
#67
4-Bromophenyl-phenylether
Concen: 4.148 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF113360.D
Acq: 28 Mar 2019 6:25

Instrument :
BNA_F
ClientSampleId :
CS-22

Tgt Ion:248 Resp: 21245
Ion Ratio Lower Upper
248 100
250 196.9 78.3 117.5#
141 501.9 56.2 84.4#

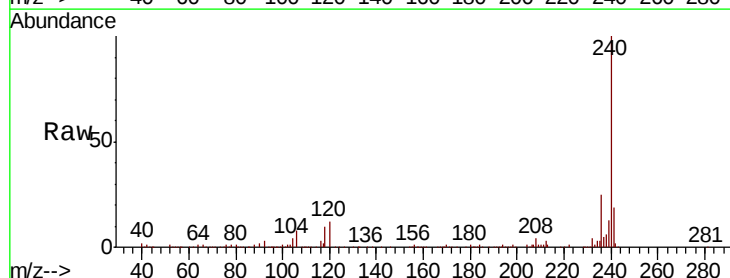


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

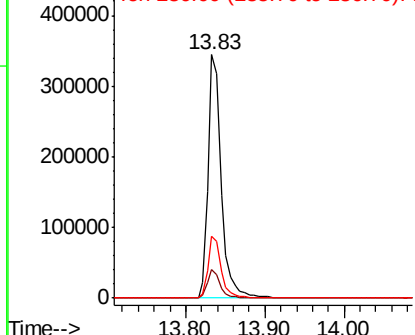
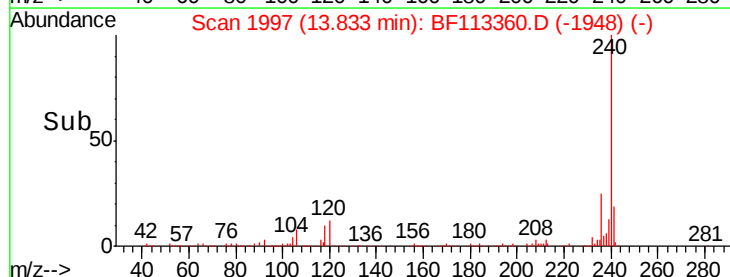


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113360.D
Acq: 28 Mar 2019 6:25

Tgt Ion:240 Resp: 398673
Ion Ratio Lower Upper
240 100
120 11.9 8.8 13.2
236 25.4 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: 90.052 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113360.D

Acq: 28 Mar 2019 6:25

Instrument :

BNA_F

ClientSampleId :

CS-22

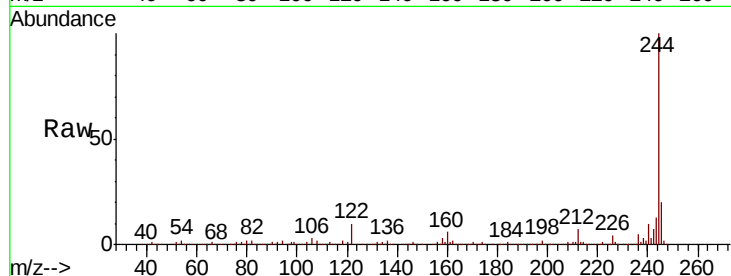
Tgt Ion:244 Resp: 1628798

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

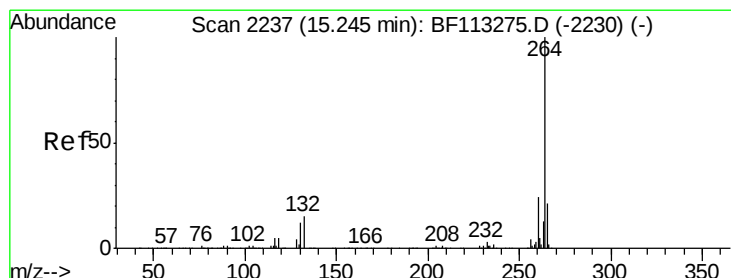
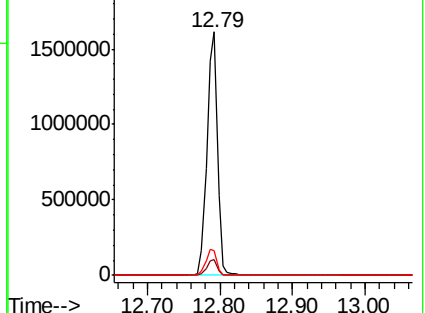
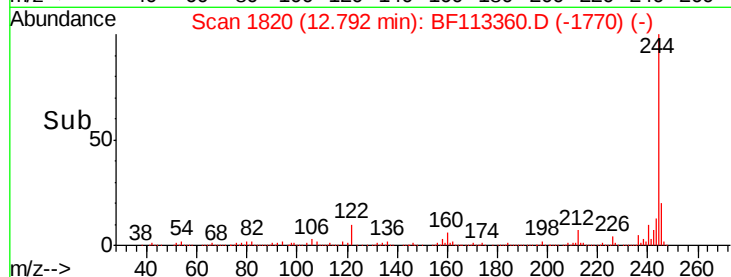
122 10.4 8.6 13.0



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# 2236

Delta R.T. -0.01 min

Lab File: BF113360.D

Acq: 28 Mar 2019 6:25

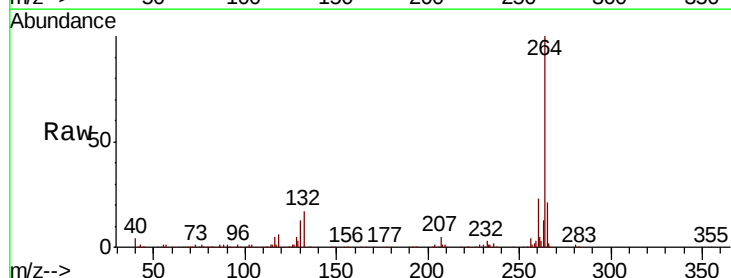
Tgt Ion:264 Resp: 298640

Ion Ratio Lower Upper

264 100

260 22.6 19.1 28.7

265 20.8 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

