

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113530.D
 Acq On : 3 Apr 2019 4:16
 Operator : JU/SJ
 Sample : K2186-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-1

Quant Time: Apr 03 08:01:27 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

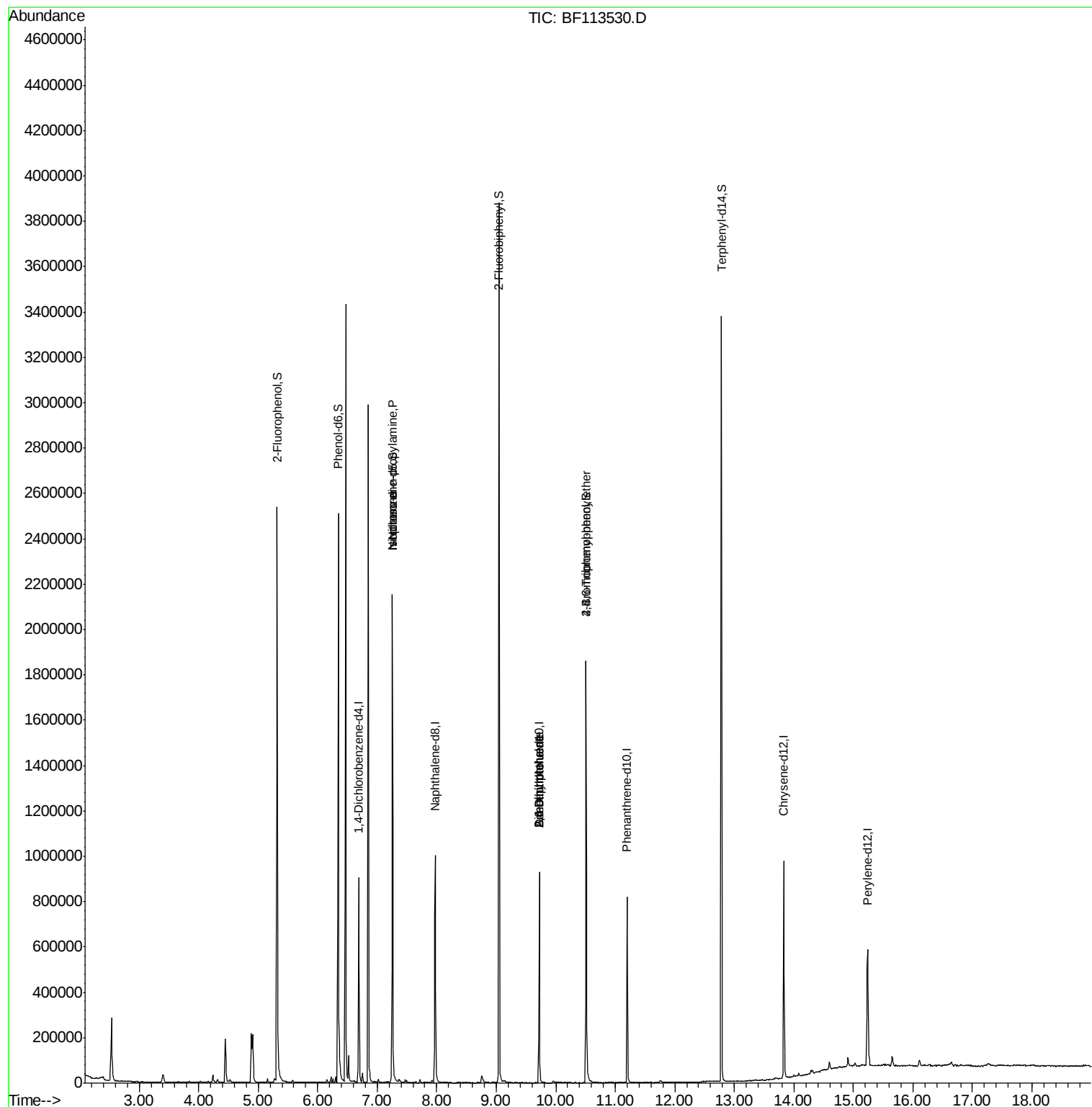
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	132588	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	457996	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	190203	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	323889	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	339881	20.00	ng	-0.01
87) Perylene-d12	15.24	264	248399	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	814783	100.48	ng	0.00
7) Phenol-d6	6.35	99	898614	87.60	ng	-0.01
23) Nitrobenzene-d5	7.26	82	681252	88.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	263711	112.24	ng	-0.02
45) 2-Fluorobiphenyl	9.05	172	1279414	110.78	ng	-0.02
79) Terphenyl-d14	12.79	244	1336713	86.69	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	87684	13.608	ng	# 76
25) Isophorone	7.26	82	678800	45.393	ng	# 64
50) Dimethylphthalate	9.72	163	49310	3.498	ng	# 1
51) 2,6-Dinitrotoluene	9.72	165	23785	7.480	ng	# 27
57) 2,4-Dinitrotoluene	9.72	165	23785	5.882	ng	# 24
67) 4-Bromophenyl-phenylether	10.51	248	14406	4.081	ng	# 1

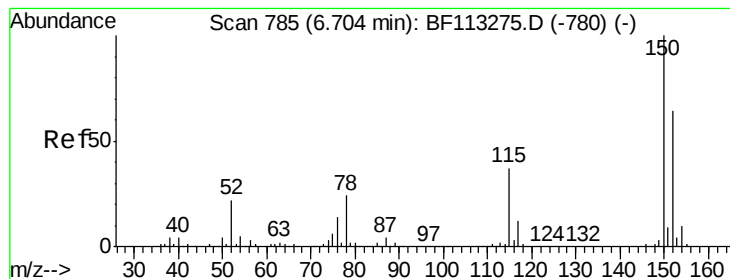
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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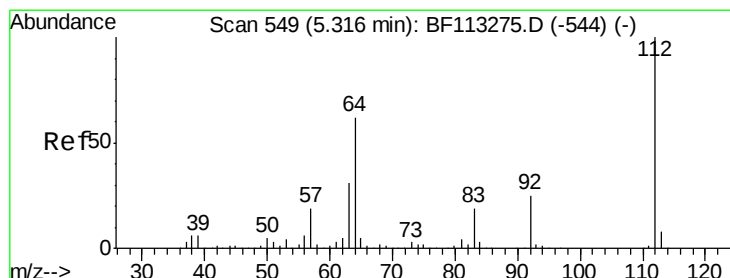
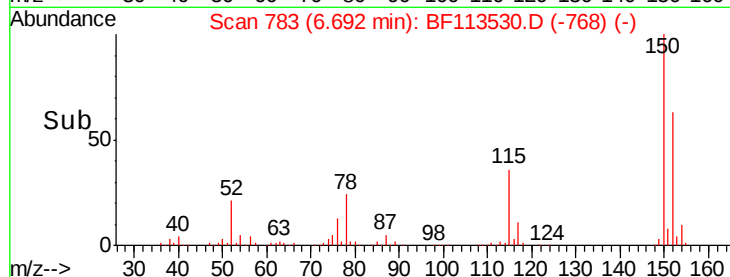
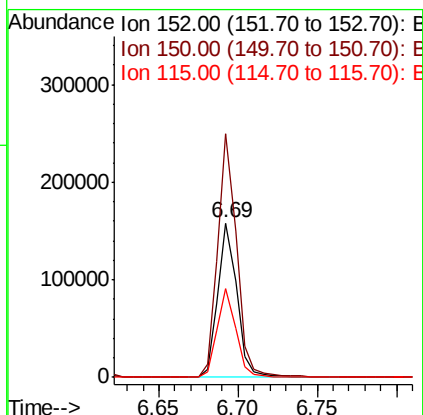
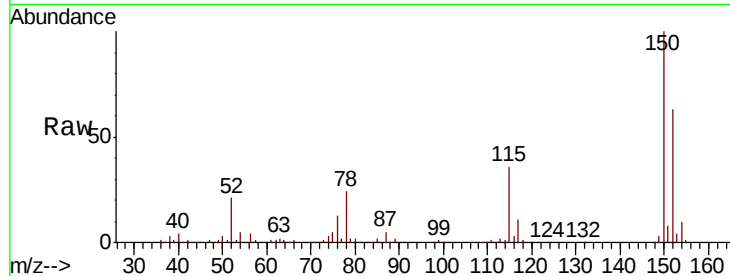


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF113530.D
Acq: 3 Apr 2019 4:16

Instrument :
BNA_F
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-1

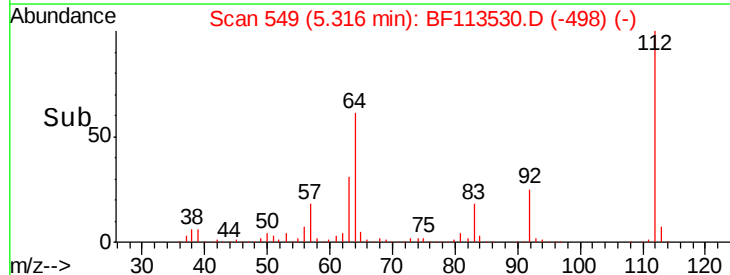
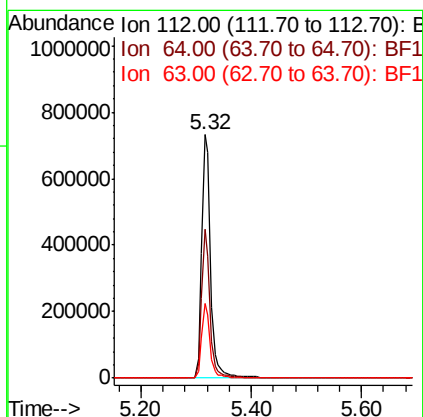
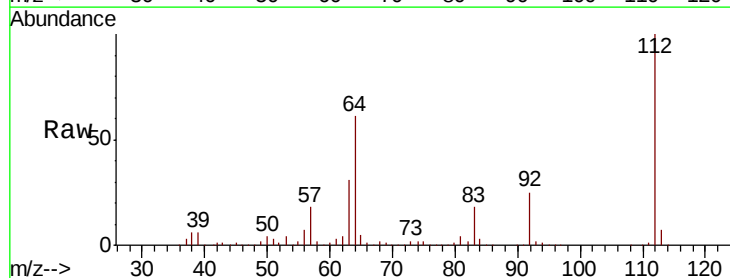
Tgt Ion:152 Resp: 132588
Ion Ratio Lower Upper
152 100
150 157.5 124.7 187.1
115 57.5 46.0 69.0

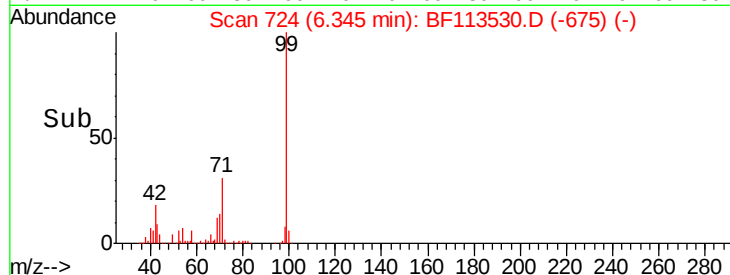
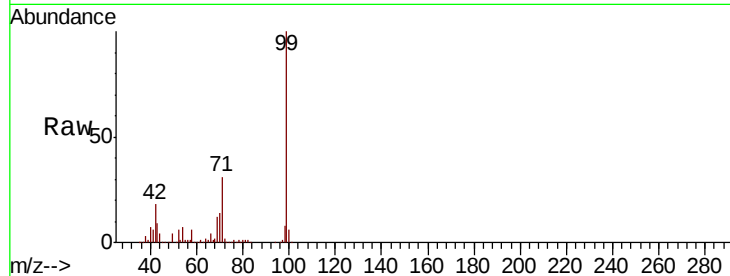


#5

2-Fluorophenol
Concen: 100.482 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF113530.D
Acq: 3 Apr 2019 4:16

Tgt Ion:112 Resp: 814783
Ion Ratio Lower Upper
112 100
64 61.0 49.2 73.8
63 30.7 24.9 37.3





#7

Phenol-d6

Concen: 87.601 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113530.D

Acq: 3 Apr 2019 4:16

Instrument :

BNA_F

ClientSampleId :

BELT-PARKWAY-STAGING-YARD-1

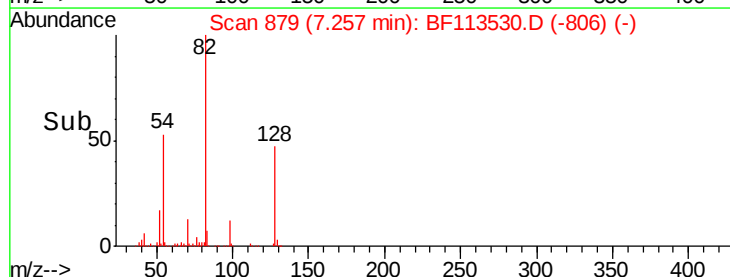
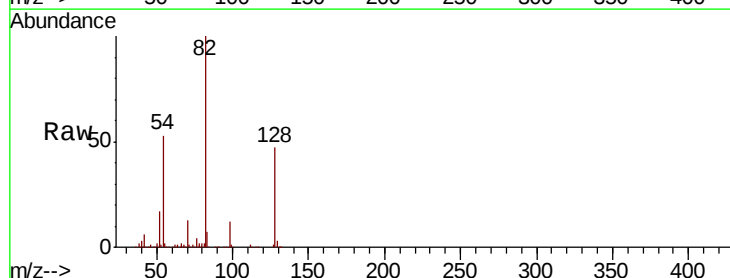
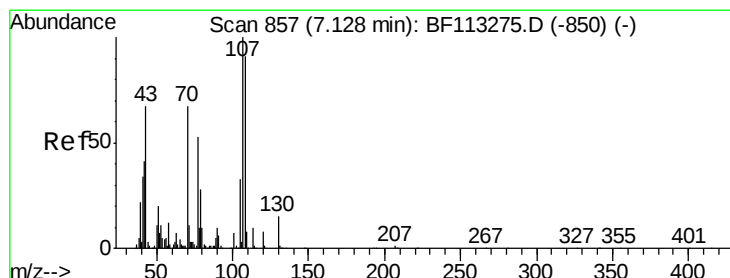
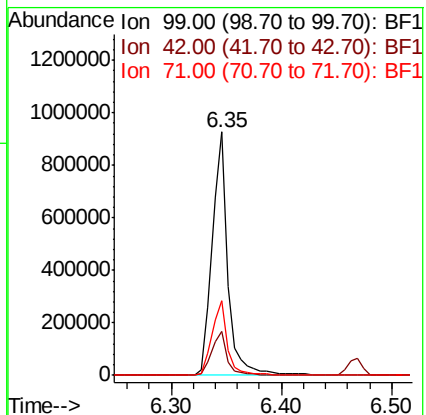
Tgt Ion: 99 Resp: 898614

Ion Ratio Lower Upper

99 100

42 17.8 14.8 22.2

71 30.8 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.608 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF113530.D

Acq: 3 Apr 2019 4:16

Tgt Ion: 70 Resp: 87684

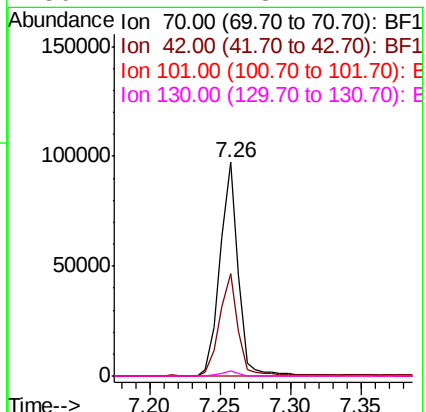
Ion Ratio Lower Upper

70 100

42 48.2 48.4 72.6#

101 0.0 7.8 11.8#

130 2.4 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF113530.D

Acq: 3 Apr 2019 4:16

Instrument :

BNA_F

ClientSampleId :

BELT-PARKWAY-STAGING-YARD-1

Tgt Ion: 136 Resp: 457996

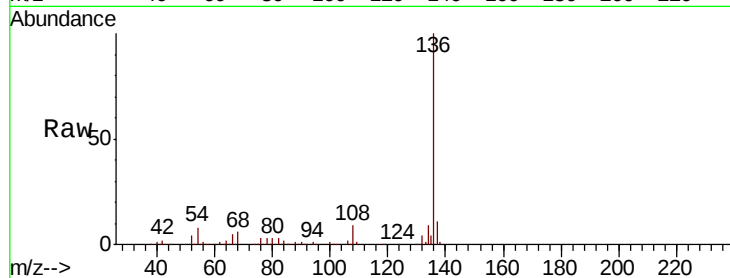
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.7 7.0 10.6

68 5.8 4.8 7.2

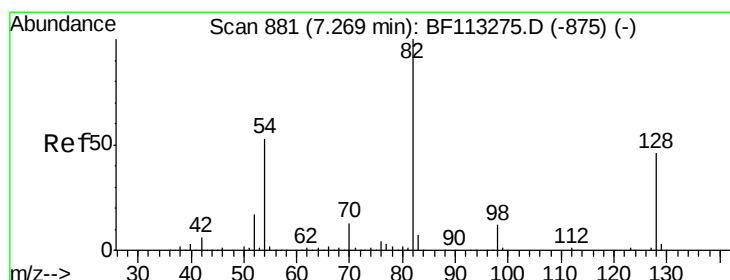
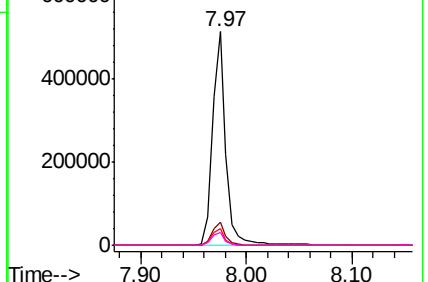
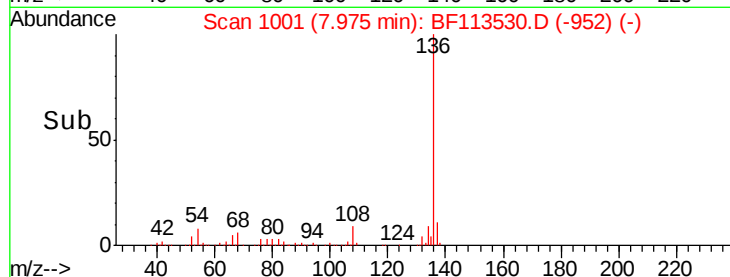


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.287 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF113530.D

Acq: 3 Apr 2019 4:16

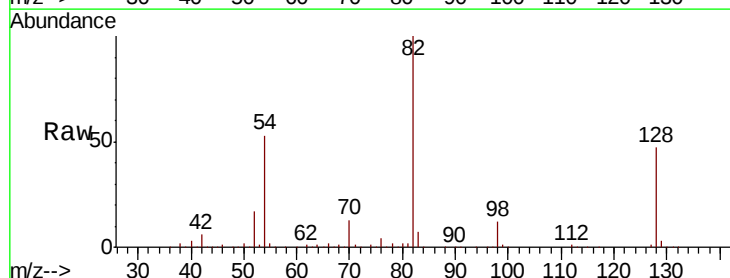
Tgt Ion: 82 Resp: 681252

Ion Ratio Lower Upper

82 100

128 47.4 36.5 54.7

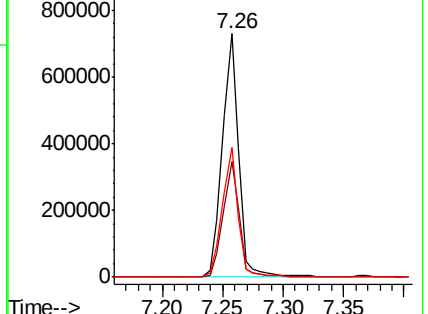
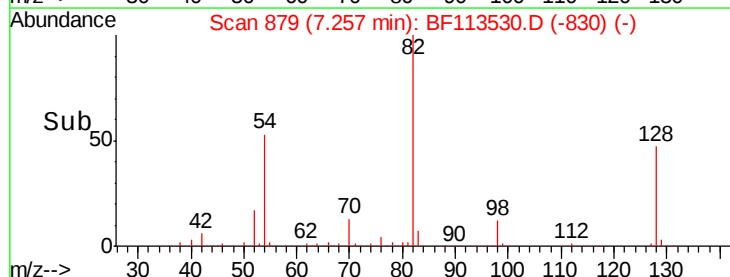
54 53.2 42.2 63.2

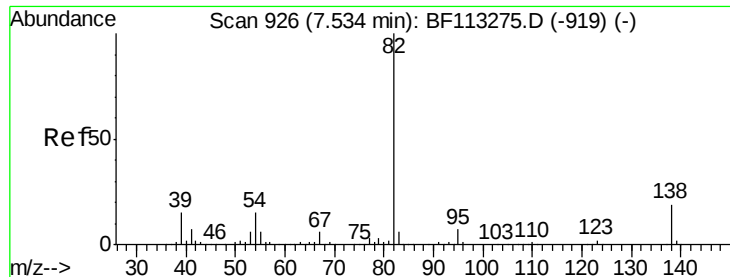


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.393 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF113530.D

Acq: 3 Apr 2019 4:16

Instrument :

BNA_F

ClientSampleId :

BELT-PARKWAY-STAGING-YARD-1

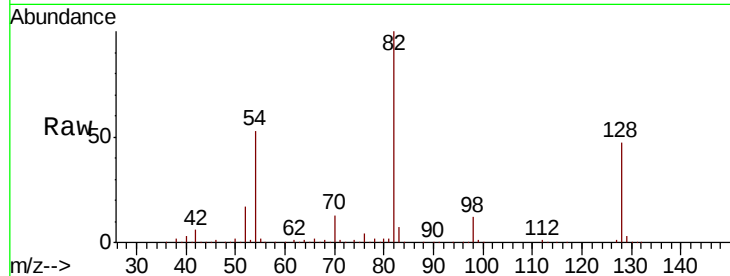
Tgt Ion: 82 Resp: 678800

Ion Ratio Lower Upper

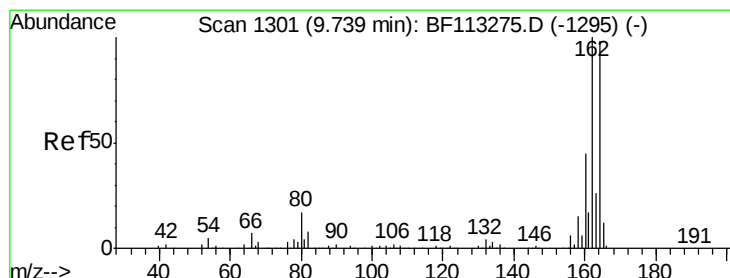
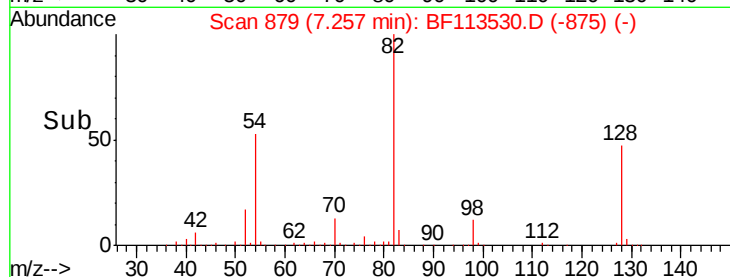
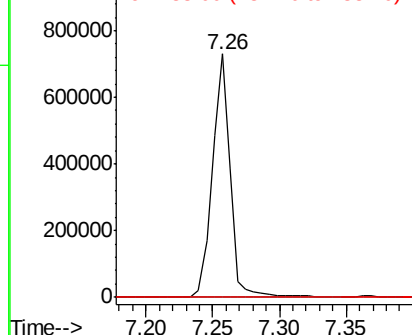
82 100

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: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF113530.D

Acq: 3 Apr 2019 4:16

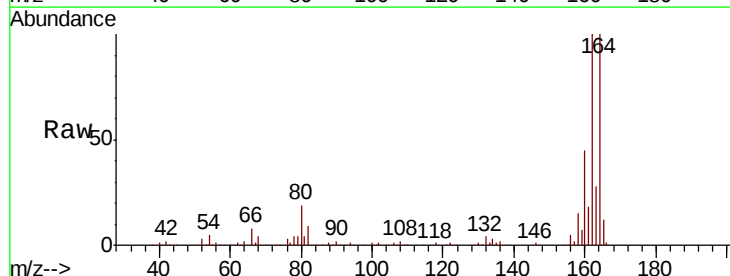
Tgt Ion: 164 Resp: 190203

Ion Ratio Lower Upper

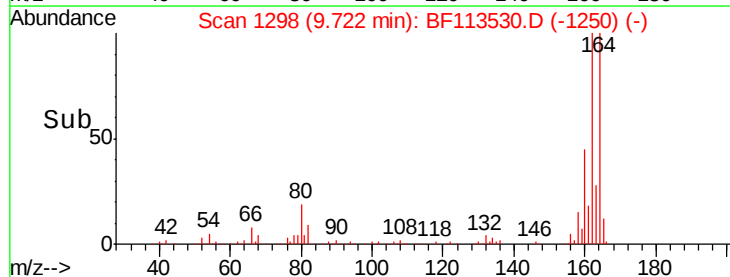
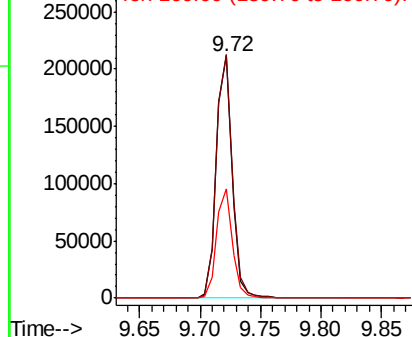
164 100

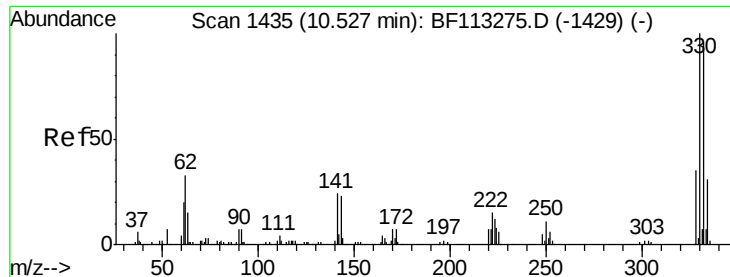
162 100.5 81.8 122.6

160 45.3 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

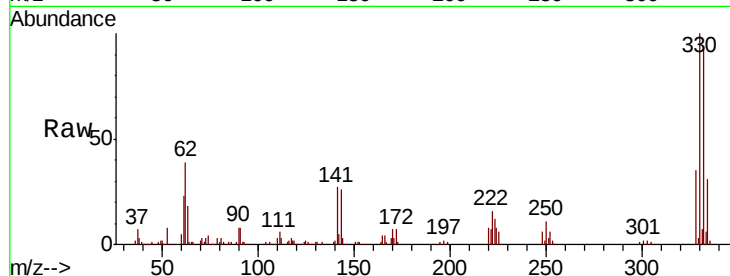




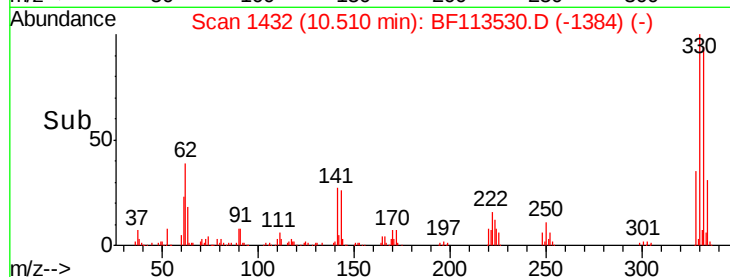
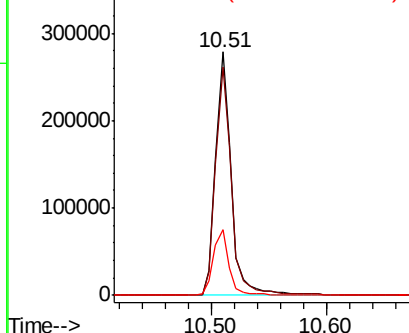
#42
 2,4,6-Tribromophenol
 Concen: 112.244 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF113530.D
 Acq: 3 Apr 2019 4:16

Instrument :
 BNA_F
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-1

Tgt Ion:330 Resp: 263711
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.8 116.6
 141 27.6 22.7 34.1

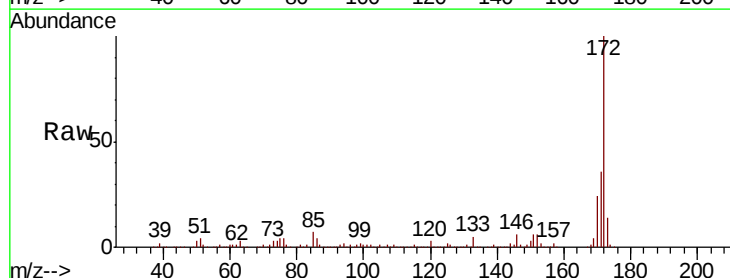


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

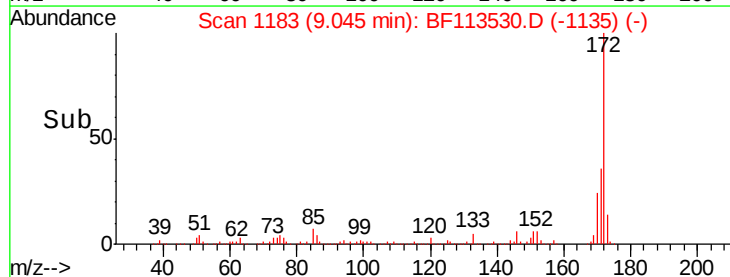
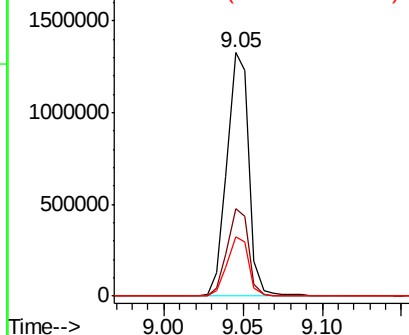


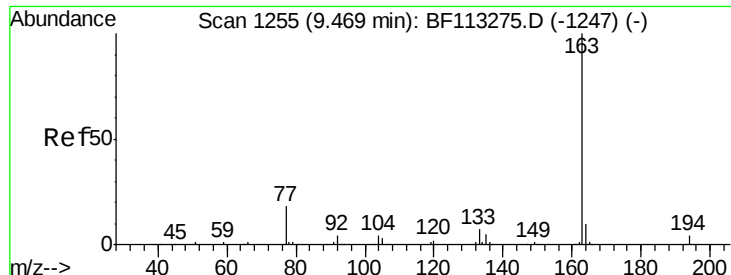
#45
 2-Fluorobiphenyl
 Concen: 110.778 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF113530.D
 Acq: 3 Apr 2019 4:16

Tgt Ion:172 Resp: 1279414
 Ion Ratio Lower Upper
 172 100
 171 36.0 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

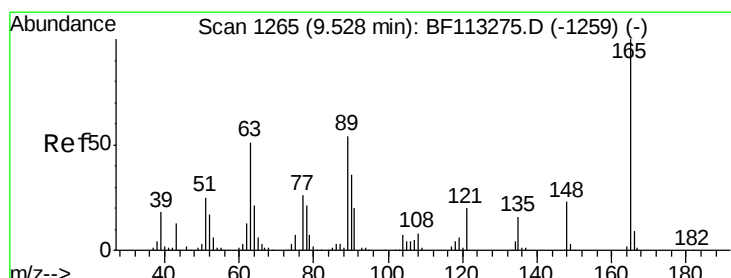
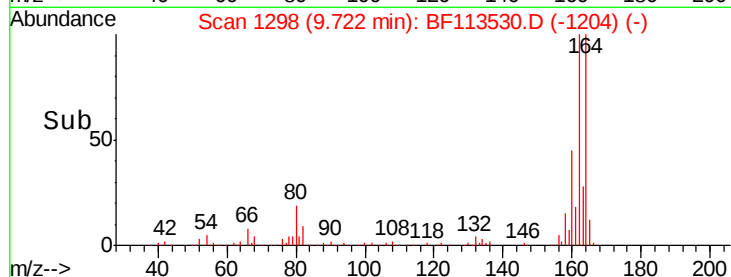
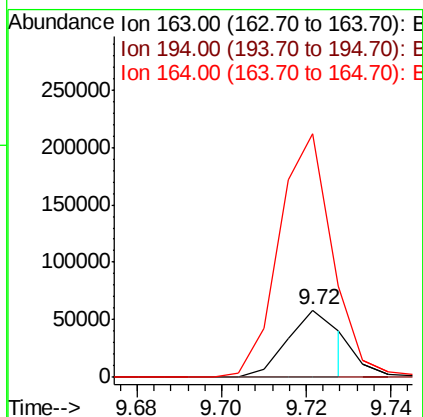
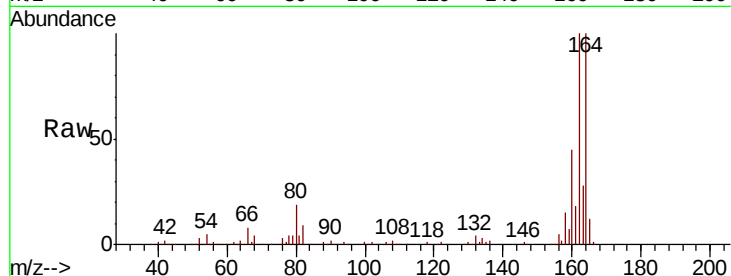




#50
Dimethylphthalate
Concen: 3.498 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.25 min
Lab File: BF113530.D
Acq: 3 Apr 2019 4:16

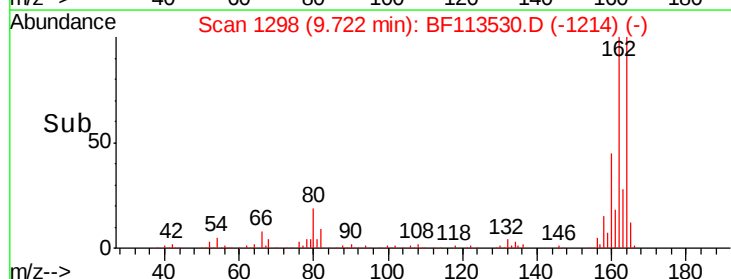
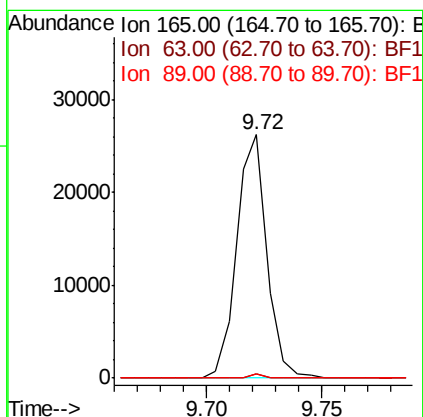
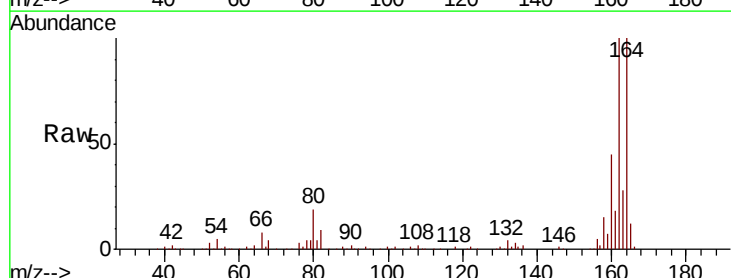
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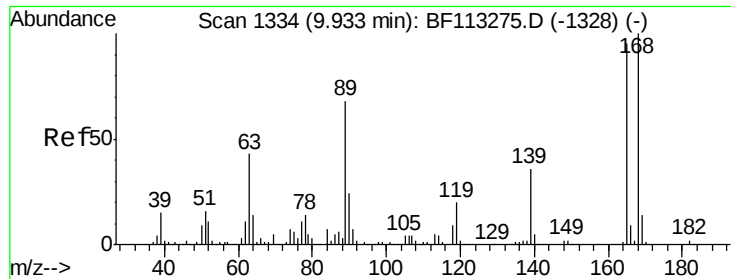
Tgt Ion:163 Resp: 49310
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 360.9 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 7.480 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.19 min
Lab File: BF113530.D
Acq: 3 Apr 2019 4:16

Tgt Ion:165 Resp: 23785
Ion Ratio Lower Upper
165 100
63 1.7 43.4 65.0#
89 1.6 43.1 64.7#

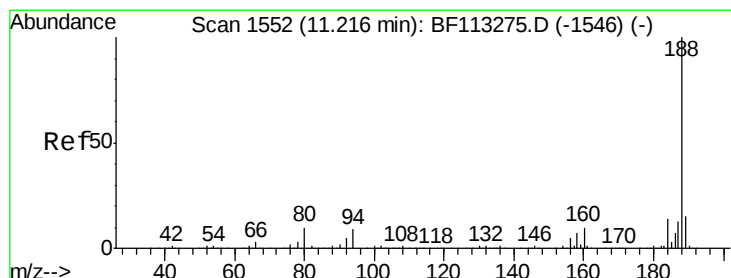
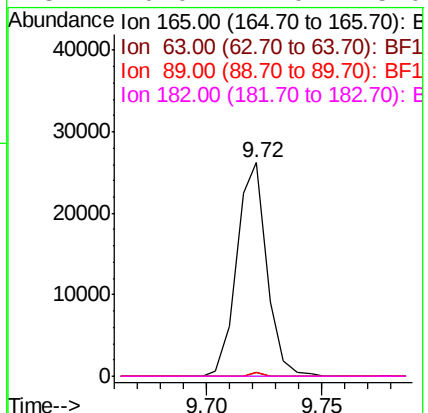
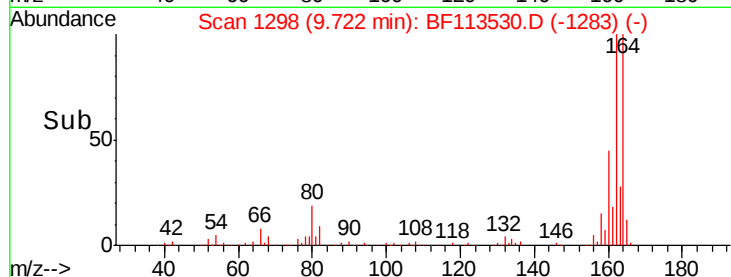
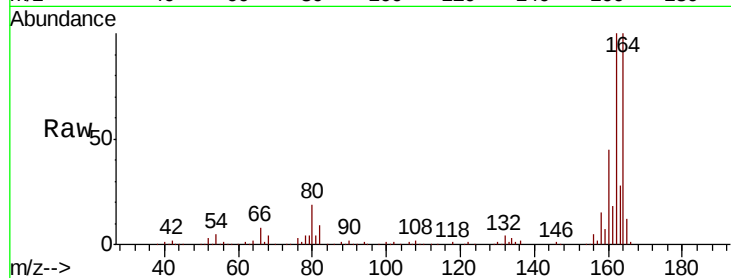




#57
 2,4-Dinitrotoluene
 Concen: 5.882 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF113530.D
 Acq: 3 Apr 2019 4:16

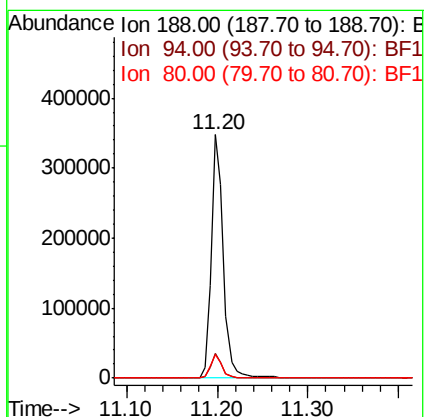
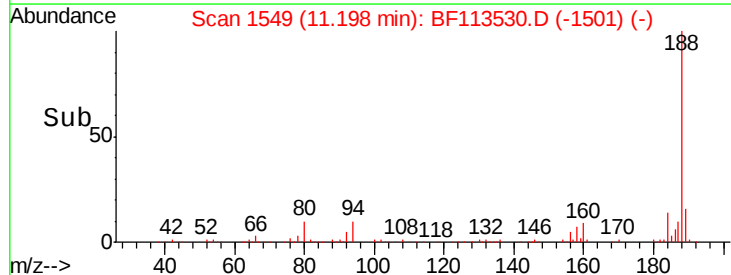
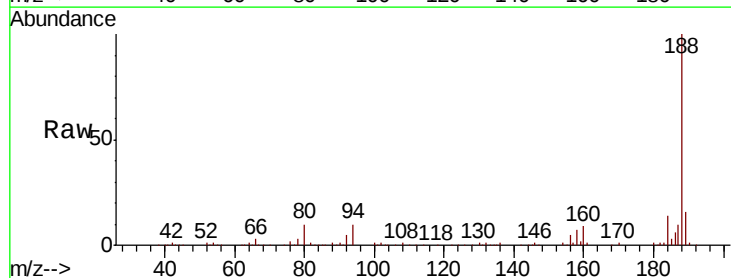
Instrument :
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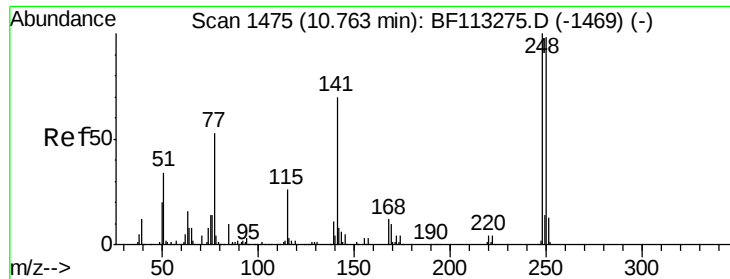
Tgt Ion:	165	Resp:	23785
Ion	Ratio	Lower	Upper
165	100		
63	1.7	37.5	56.3#
89	1.6	57.4	86.2#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.02 min
 Lab File: BF113530.D
 Acq: 3 Apr 2019 4:16

Tgt Ion:	188	Resp:	323889
Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.0	10.6
80	9.8	7.7	11.5

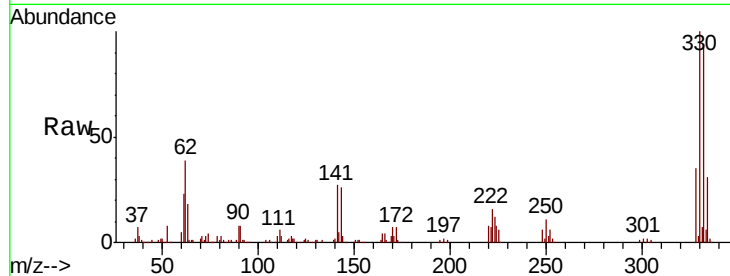




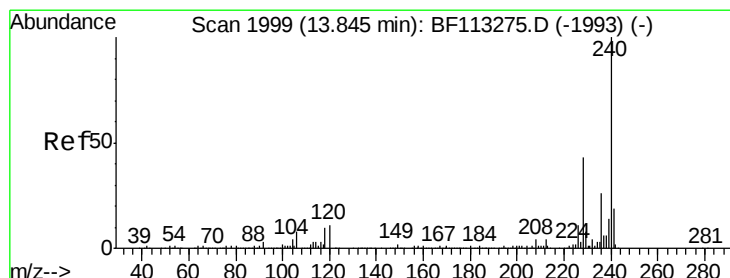
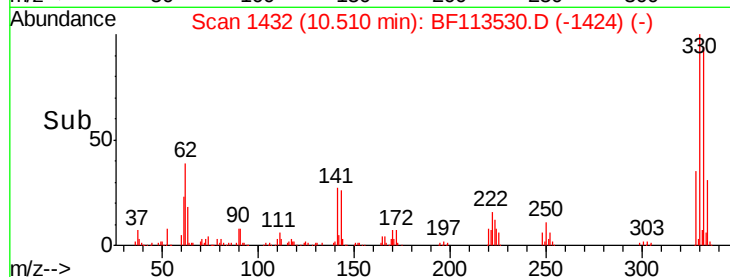
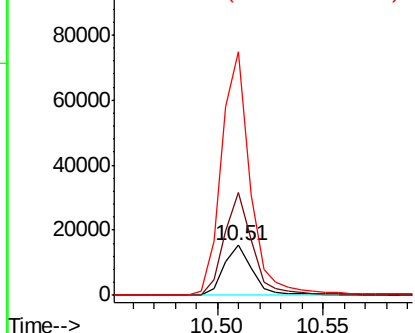
#67
 4-Bromophenyl-phenylether
 Concen: 4.081 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF113530.D
 Acq: 3 Apr 2019 4:16

Instrument :
 BNA_F
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-1

Tgt Ion:248 Resp: 14406
 Ion Ratio Lower Upper
 248 100
 250 205.7 78.3 117.5#
 141 486.0 56.2 84.4#

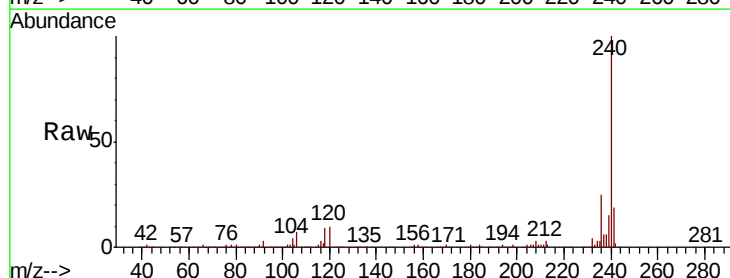


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

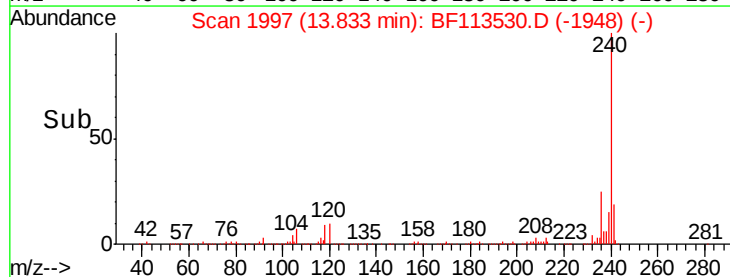
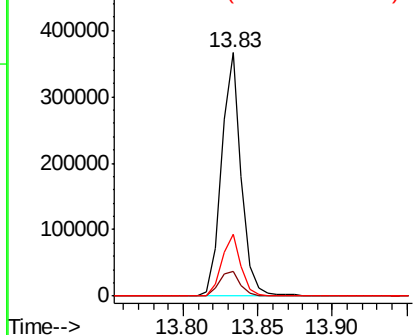


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF113530.D
 Acq: 3 Apr 2019 4:16

Tgt Ion:240 Resp: 339881
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.8 13.2
 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: 86.687 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF113530.D

Acq: 3 Apr 2019 4:16

Instrument :

BNA_F

ClientSampleId :

BELT-PARKWAY-STAGING-YARD-1

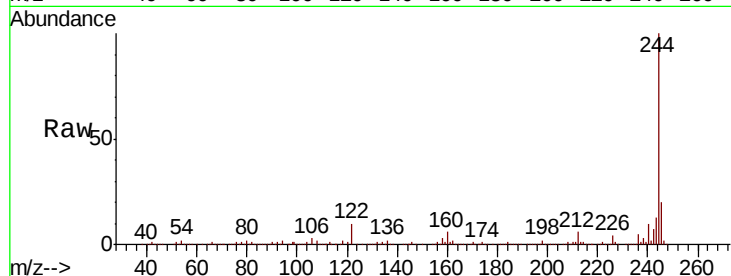
Tgt Ion:244 Resp: 1336713

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

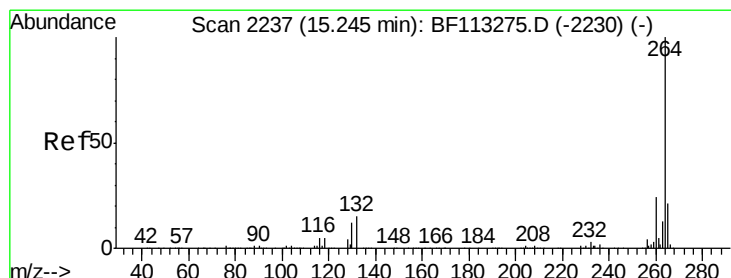
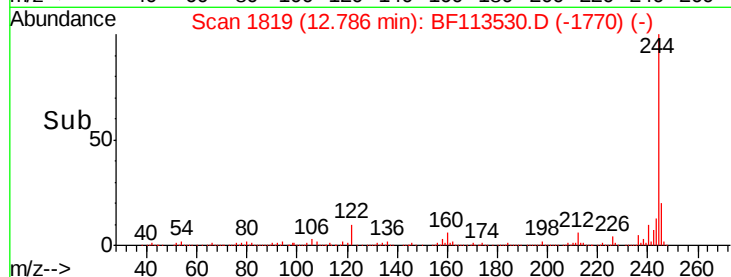
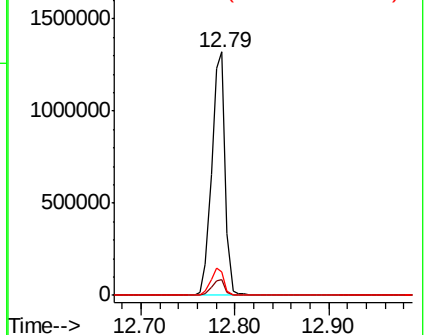
122 9.7 8.6 13.0



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: BF113530.D

Acq: 3 Apr 2019 4:16

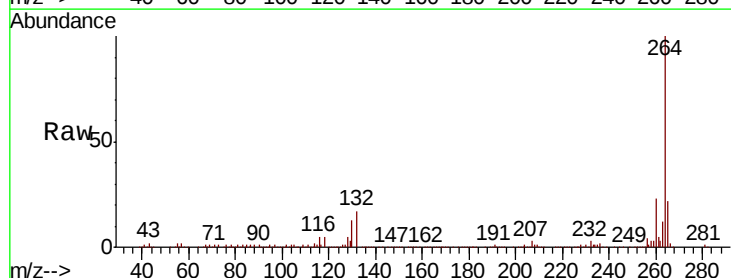
Tgt Ion:264 Resp: 248399

Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 21.6 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

