

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 08:23:09 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

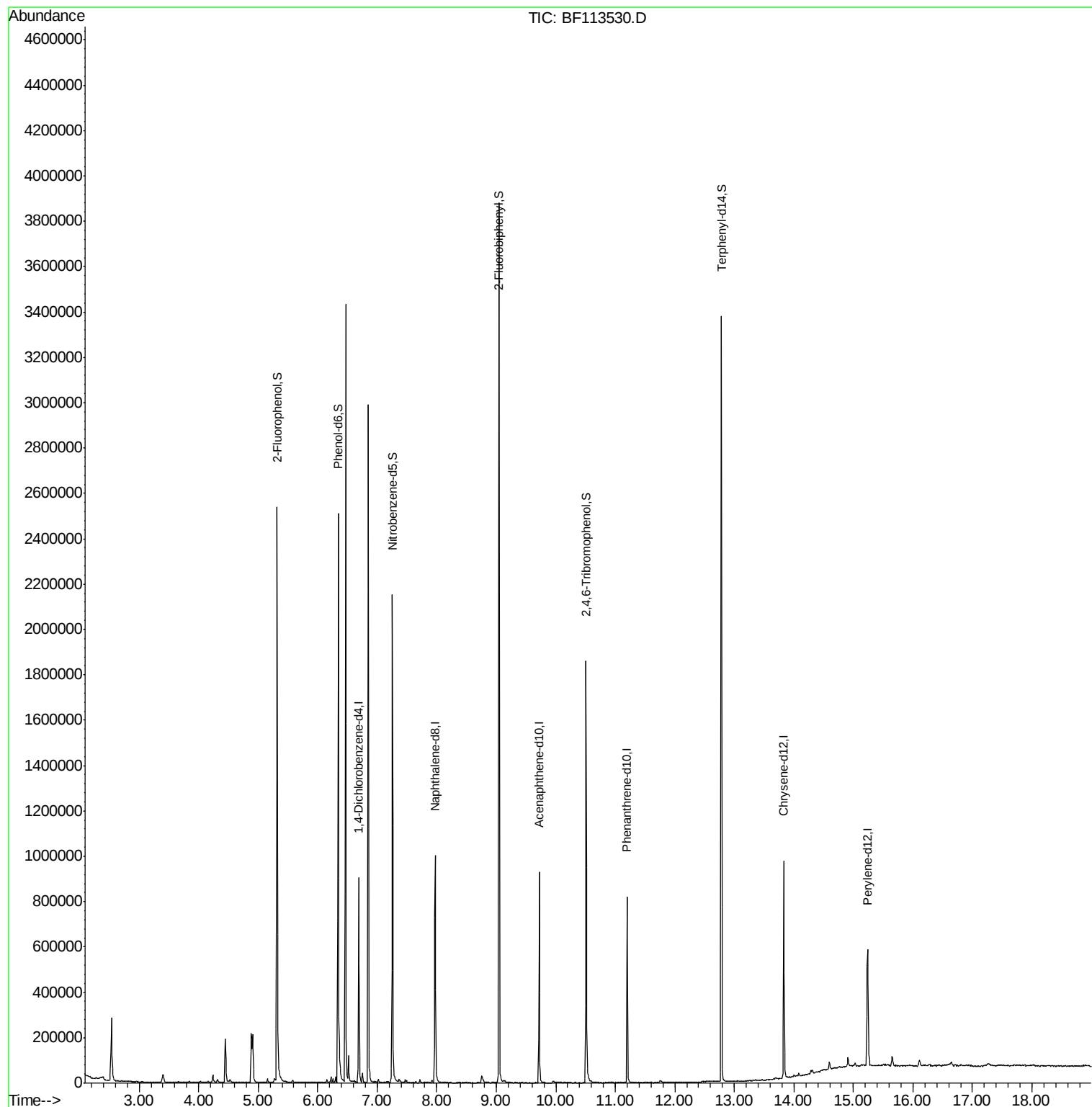
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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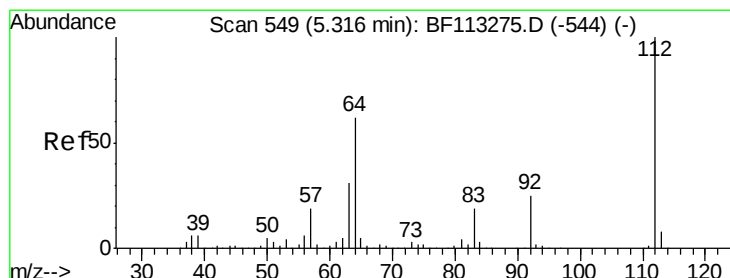
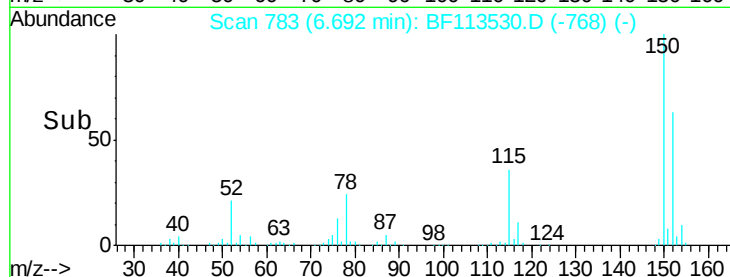
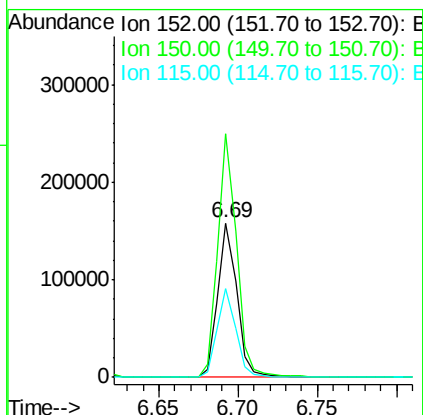
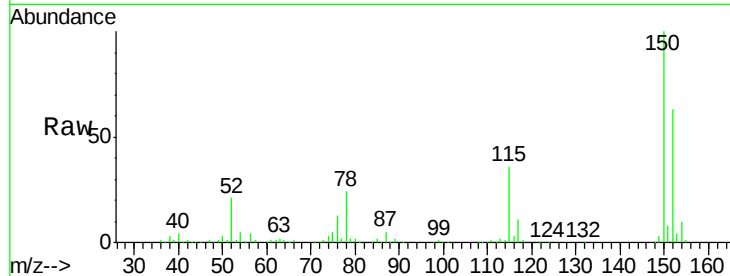


#1

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

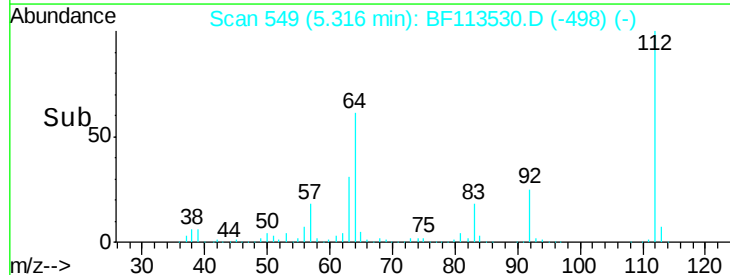
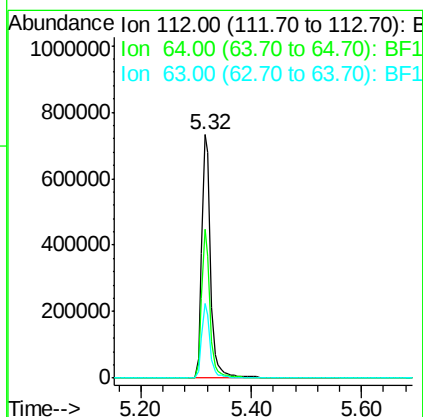
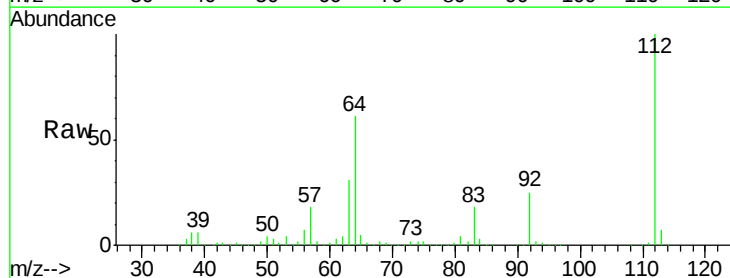
Tgt Ion:152 Resp: 132588
Ion Ratio Lower Upper
152 100
150 157.5 124.7 187.1
115 57.5 46.0 69.0



#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

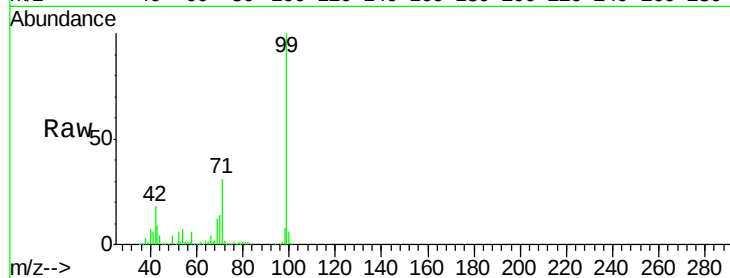
Tgt Ion: 99 Resp: 898614

Ion Ratio Lower Upper

99 100

42 17.8 14.8 22.2

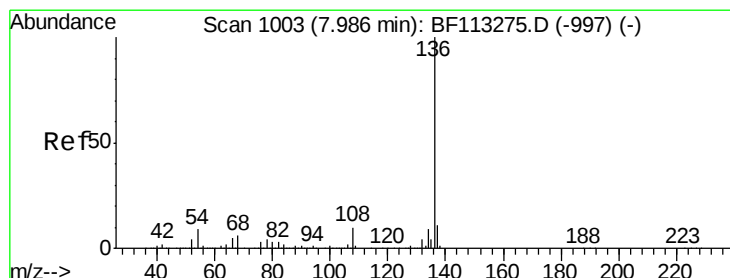
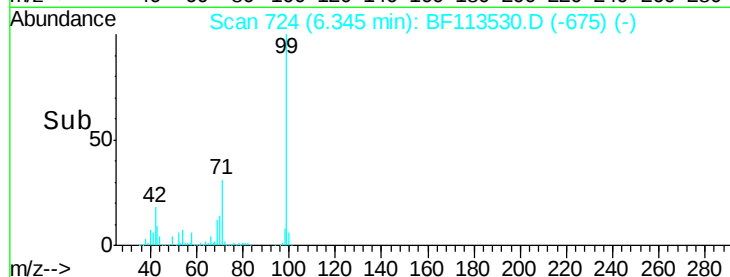
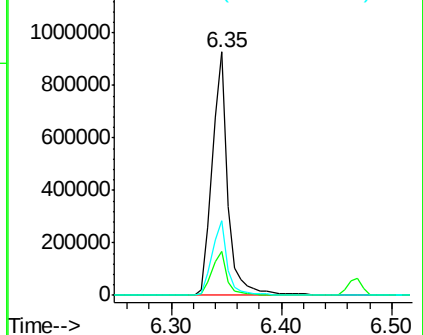
71 30.8 24.9 37.3



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



#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

Tgt Ion: 136 Resp: 457996

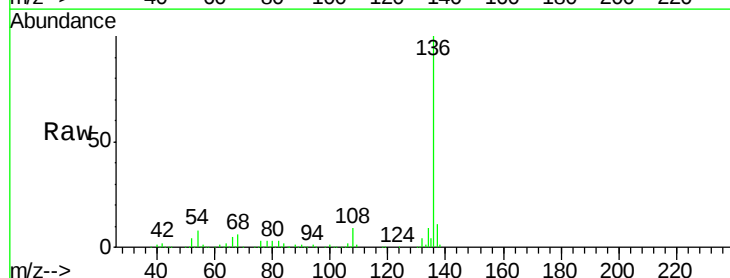
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.7 7.0 10.6

68 5.8 4.8 7.2

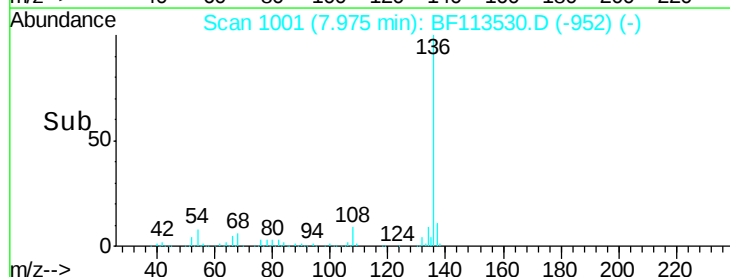
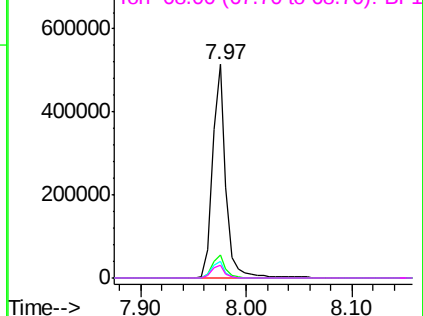


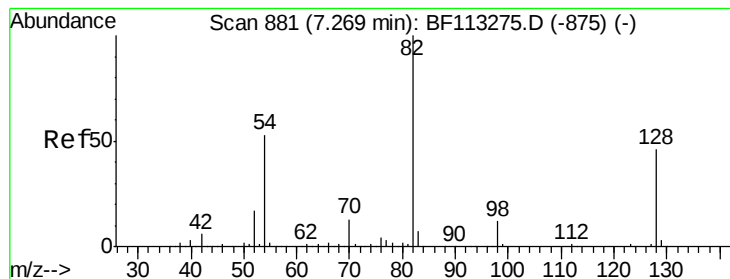
Abundance Ion 136.00 (135.70 to 136.70): E

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

Instrument :

BNA_F

ClientSampleId :

BELT-PARKWAY-STAGING-YARD-1

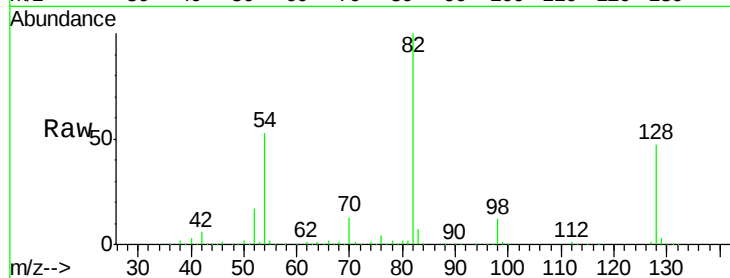
Tgt Ion: 82 Resp: 681252

Ion Ratio Lower Upper

82 100

128 47.4 36.5 54.7

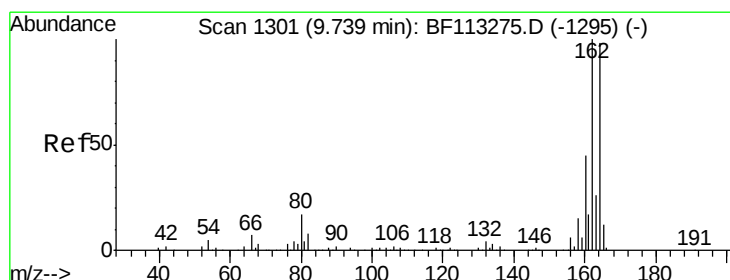
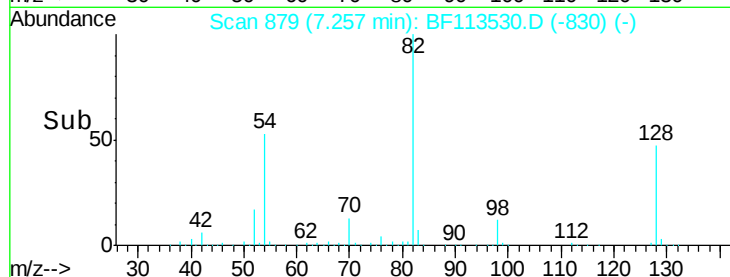
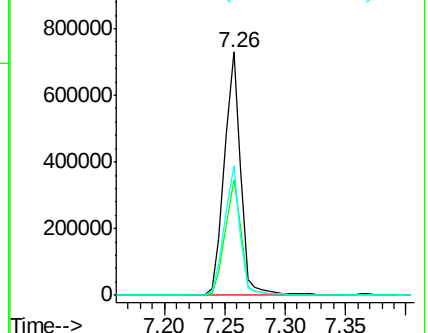
54 53.2 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#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

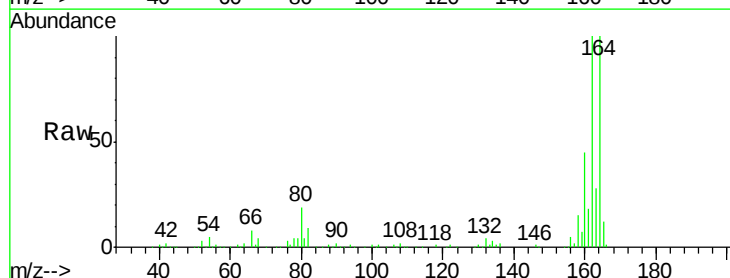
Tgt Ion: 164 Resp: 190203

Ion Ratio Lower Upper

164 100

162 100.5 81.8 122.6

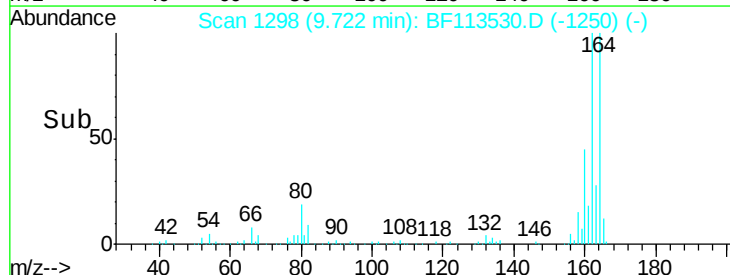
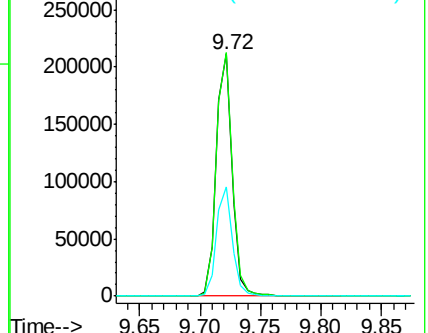
160 45.3 36.4 54.6

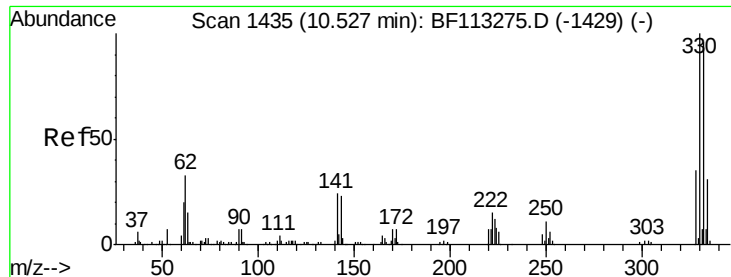


Abundance Ion 164.00 (163.70 to 164.70): E

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

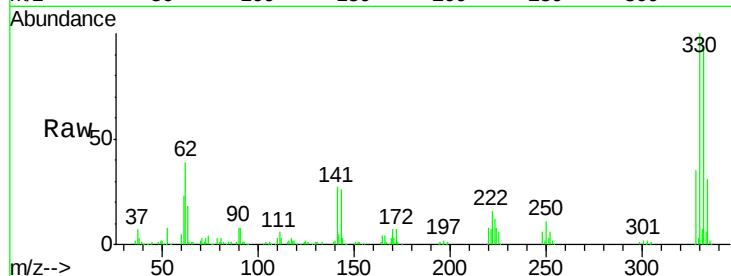
Tgt Ion:330 Resp: 263711

Ion Ratio Lower Upper

330 100

332 96.6 77.8 116.6

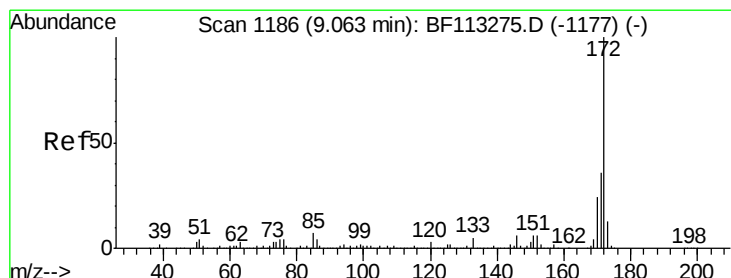
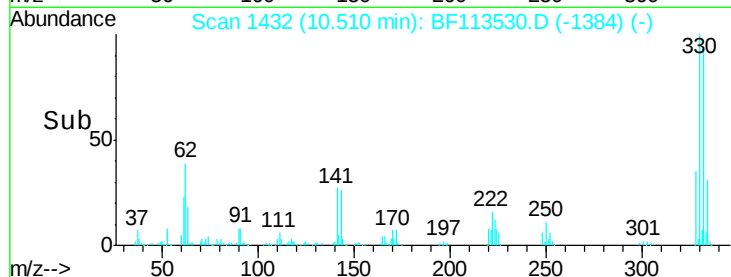
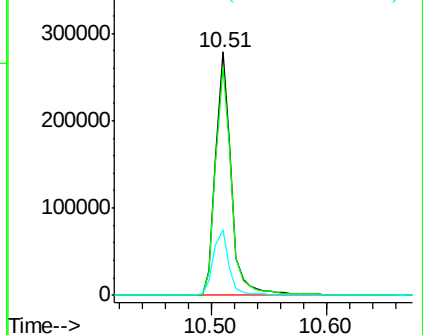
141 27.6 22.7 34.1



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

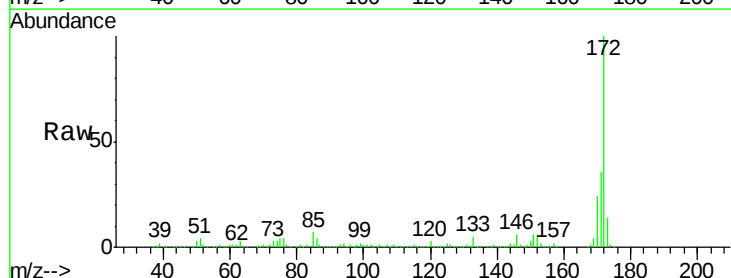
Tgt Ion:172 Resp: 1279414

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

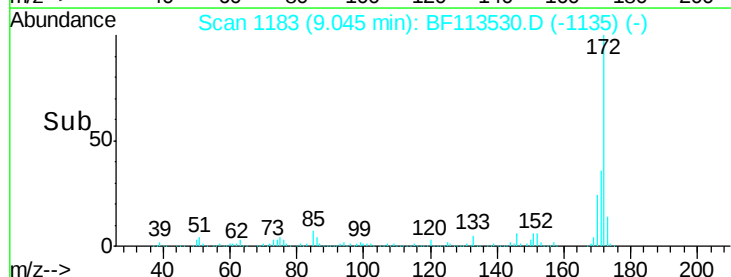
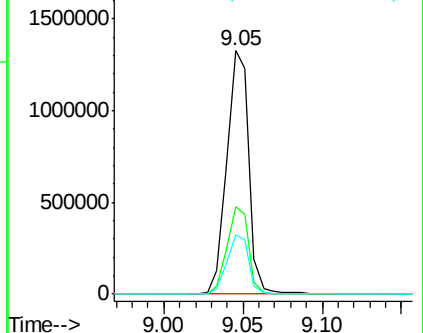
170 24.4 19.5 29.3

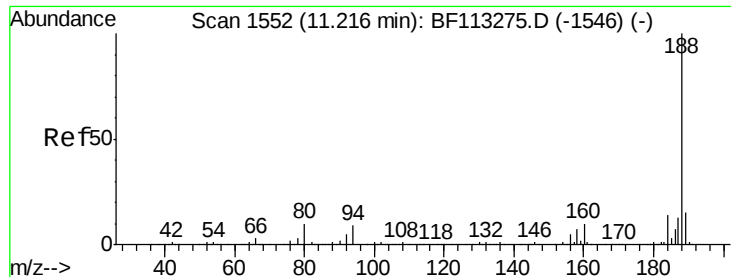


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

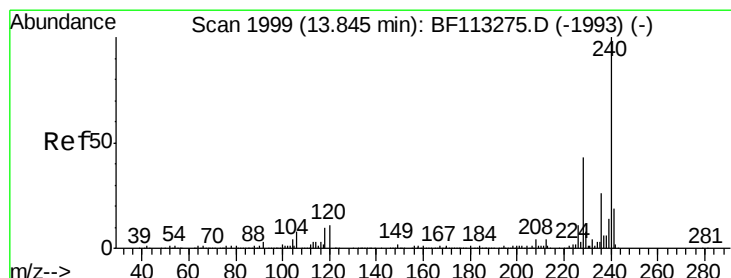
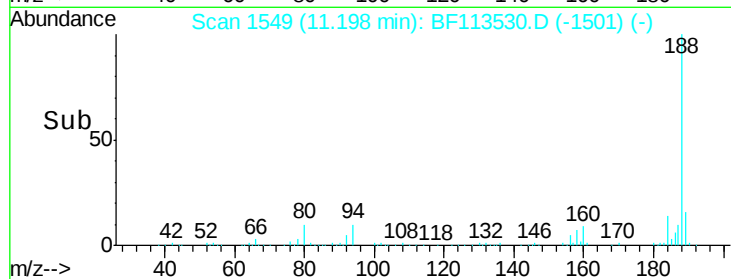
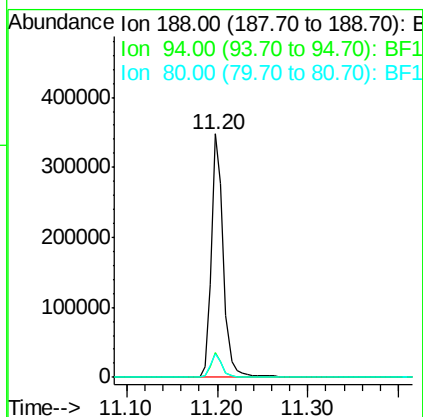
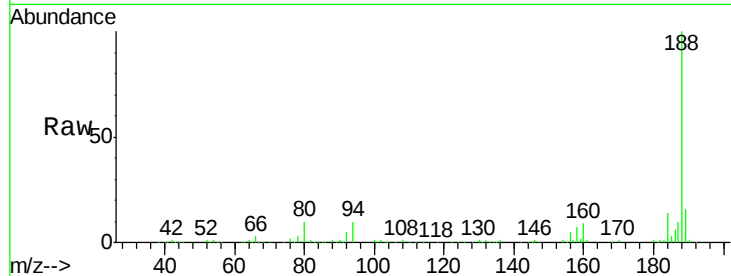




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF113530.D
Acq: 3 Apr 2019 4:16

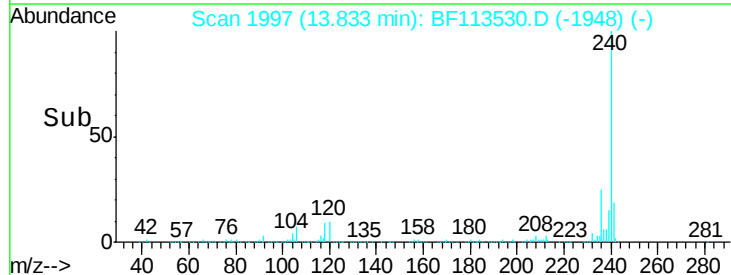
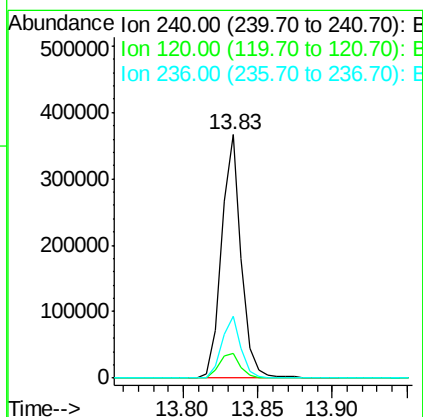
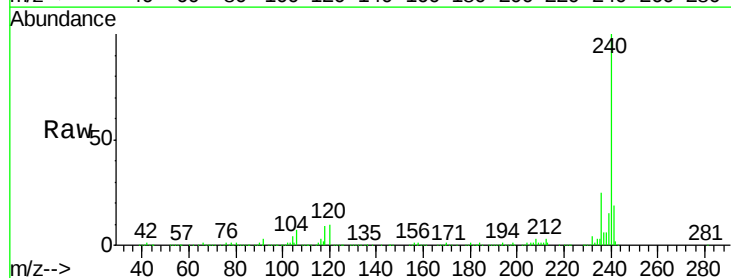
Instrument :
BNA_F
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-1

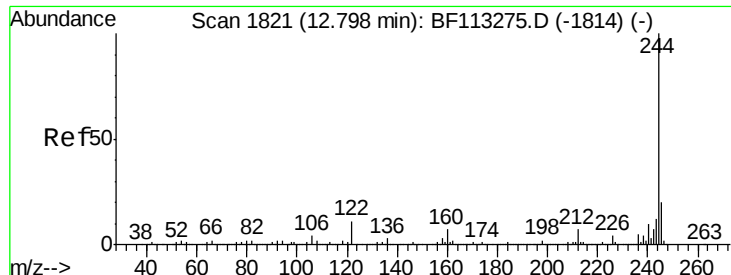
Tgt Ion:188 Resp: 323889
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 9.8 7.7 11.5



#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





#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

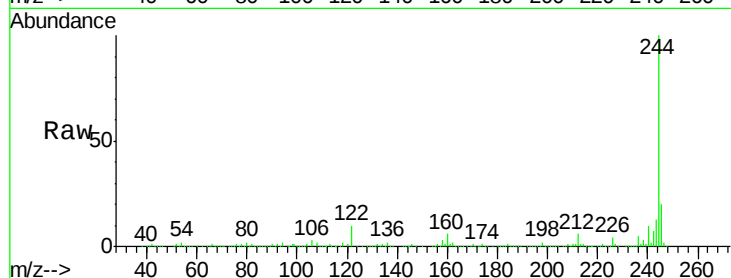
Tgt Ion:244 Resp: 1336713

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.5	8.3
122	9.7	8.6	13.0

244 100

212 6.4 5.5 8.3

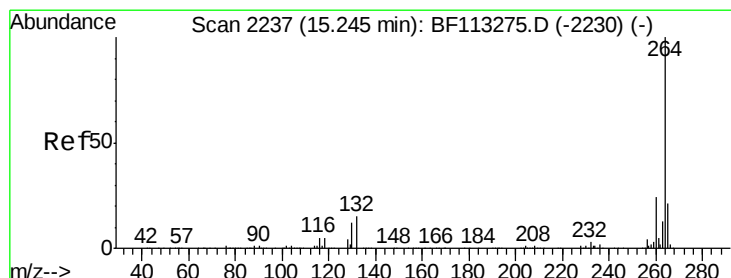
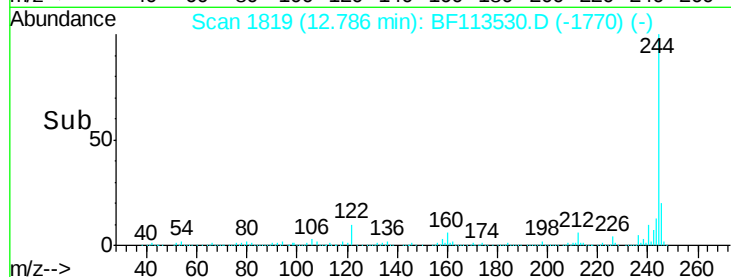
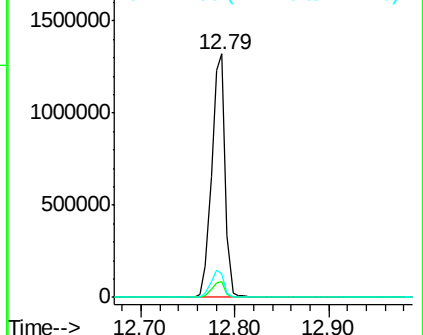
122 9.7 8.6 13.0



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

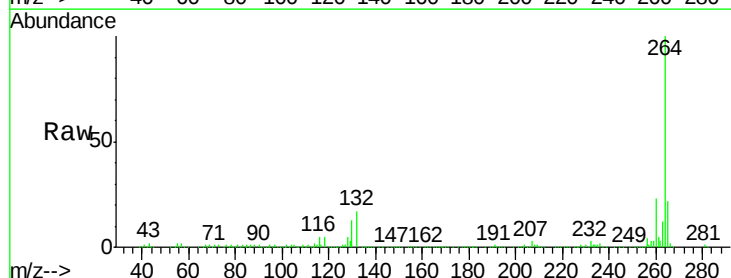
Tgt Ion:264 Resp: 248399

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.1	28.7
265	21.6	17.1	25.7

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

