

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
 Data File : BF113602.D
 Acq On : 5 Apr 2019 00:26
 Operator : JU/SJ
 Sample : K2186-17 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-3

Quant Time: Apr 05 05:46:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	125906	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	470243	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	203309	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	383744	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	249823	20.00	ng	-0.02
87) Perylene-d12	15.23	264	191146	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	192333	26.05	ng	0.00
7) Phenol-d6	6.33	99	256171	28.15	ng	-0.01
23) Nitrobenzene-d5	7.25	82	139502	17.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	59020	24.17	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	297892	23.59	ng	-0.02
79) Terphenyl-d14	12.77	244	270612	22.05	ng	-0.02

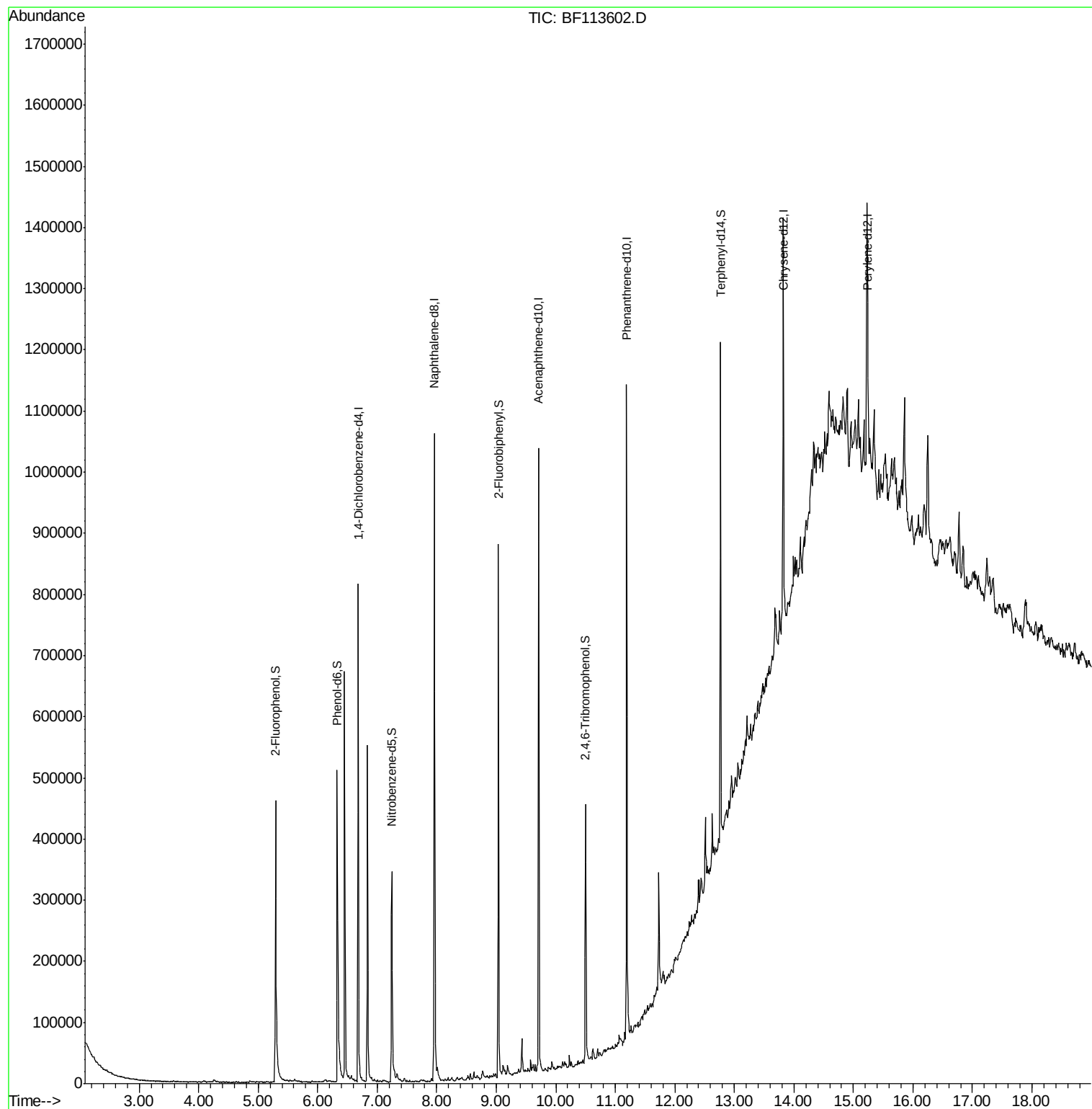
Target Compounds	Qvalue
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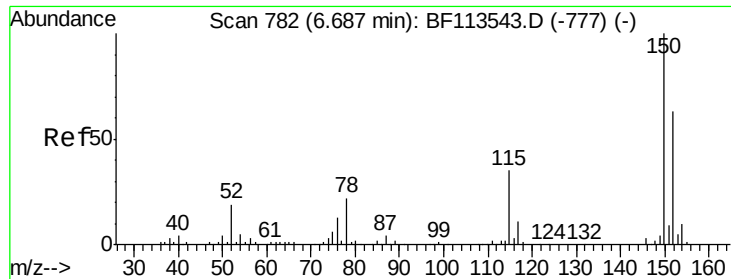
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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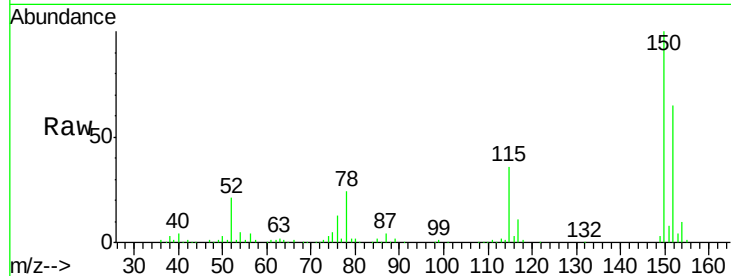


#1

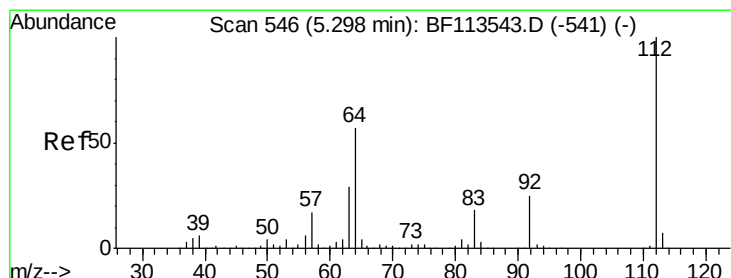
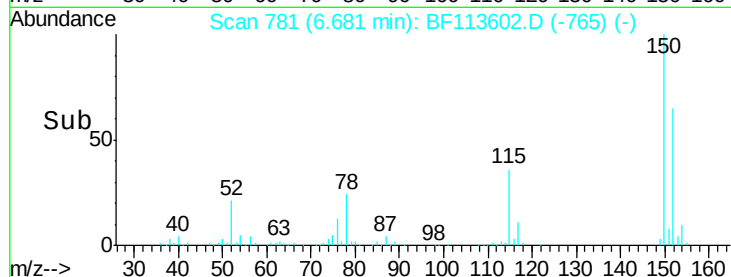
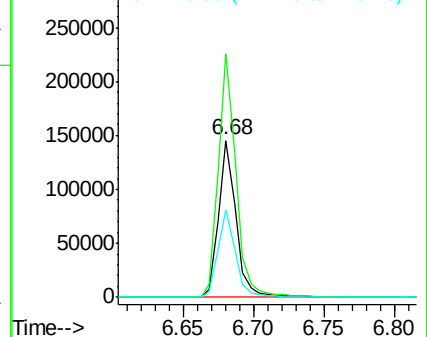
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113602.D
Acq: 5 Apr 2019 00:26

Instrument :
BNA_F
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-3

Tgt Ion:152 Resp: 125906
Ion Ratio Lower Upper
152 100
150 155.0 124.7 187.1
115 55.4 46.0 69.0



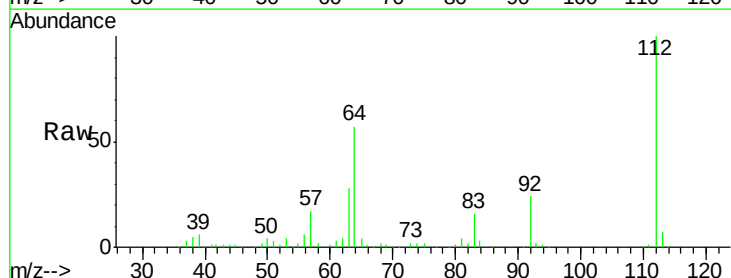
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



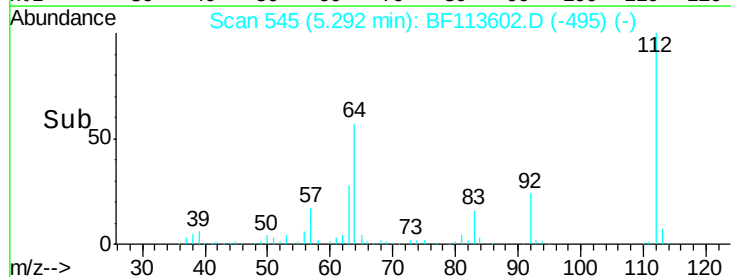
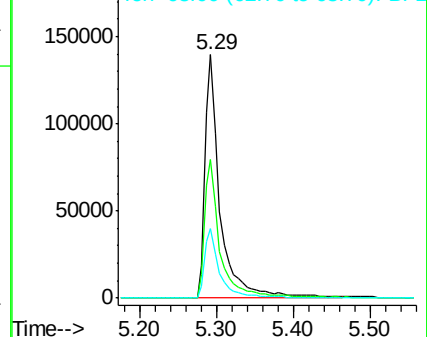
#5

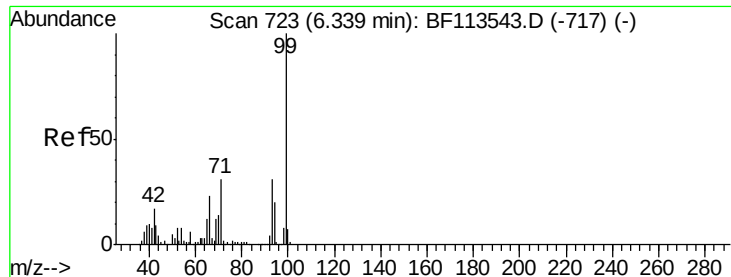
2-Fluorophenol
Concen: 26.049 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113602.D
Acq: 5 Apr 2019 00:26

Tgt Ion:112 Resp: 192333
Ion Ratio Lower Upper
112 100
64 57.2 49.2 73.8
63 28.5 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: 28.150 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113602.D

Acq: 5 Apr 2019 00:26

Instrument :

BNA_F

ClientSampleId :

BELT-PARKWAY-STAGING-YARD-3

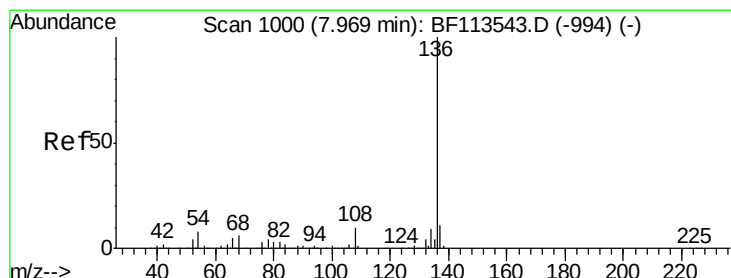
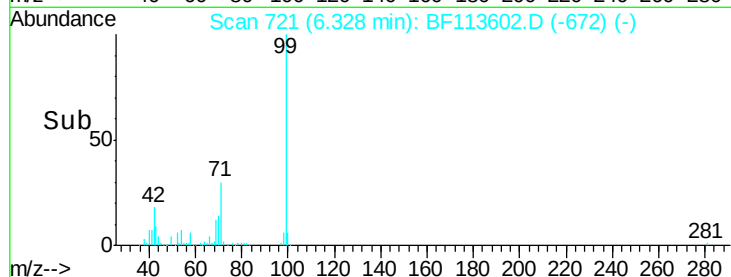
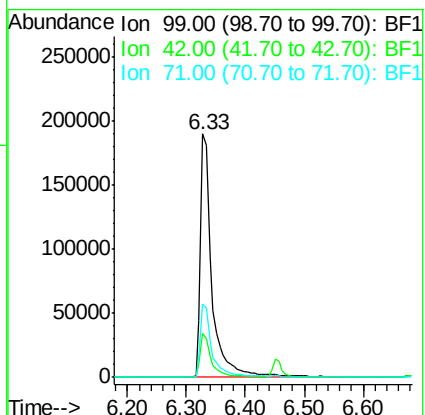
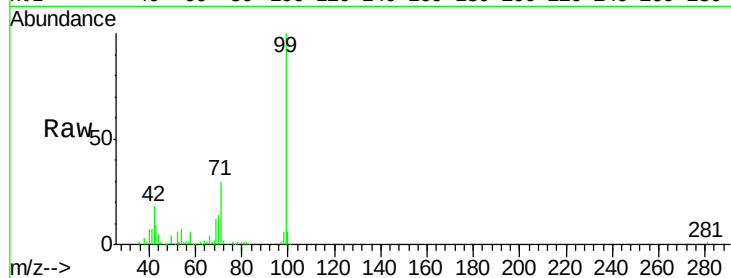
Tgt Ion: 99 Resp: 256171

Ion Ratio Lower Upper

99 100

42 17.9 14.8 22.2

71 30.4 24.9 37.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113602.D

Acq: 5 Apr 2019 00:26

Tgt Ion: 136 Resp: 470243

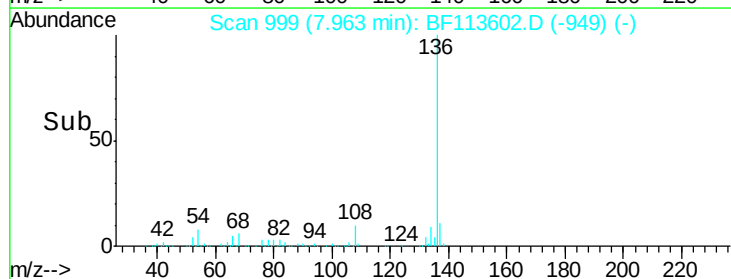
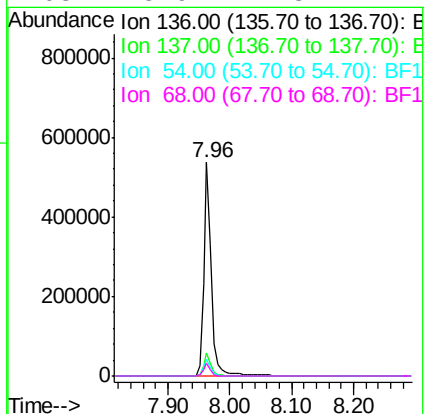
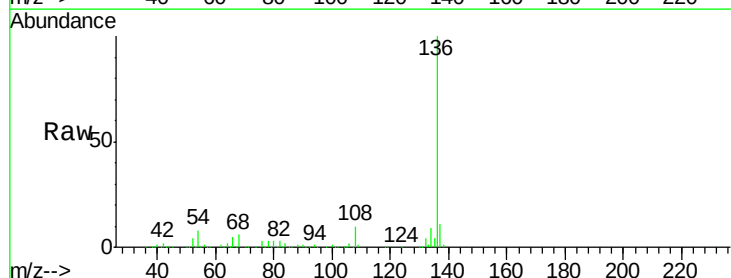
Ion Ratio Lower Upper

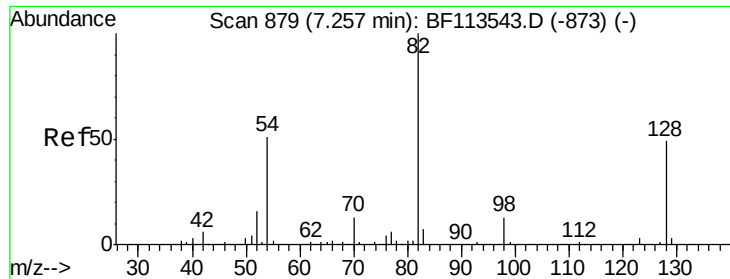
136 100

137 11.0 8.9 13.3

54 8.1 7.0 10.6

68 5.9 4.8 7.2

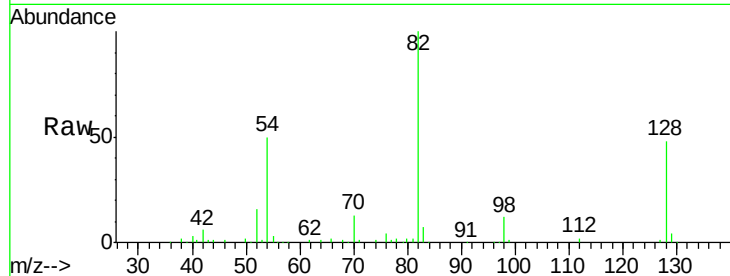




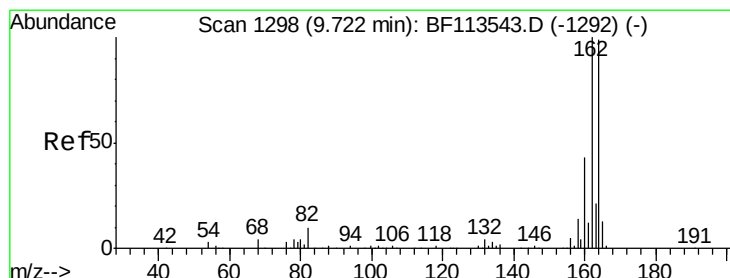
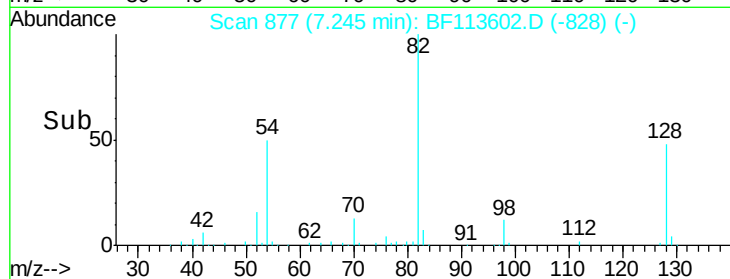
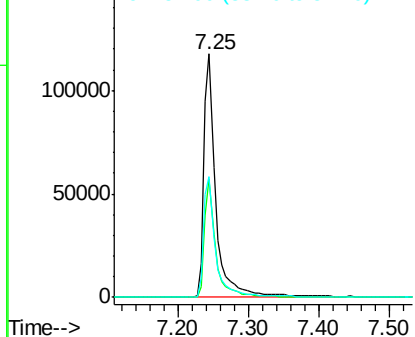
#23
 Nitrobenzene-d5
 Concen: 17.377 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF113602.D
 Acq: 5 Apr 2019 00:26

Instrument :
 BNA_F
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-3

Tgt Ion: 82 Resp: 139502
 Ion Ratio Lower Upper
 82 100
 128 48.3 36.5 54.7
 54 49.7 42.2 63.2

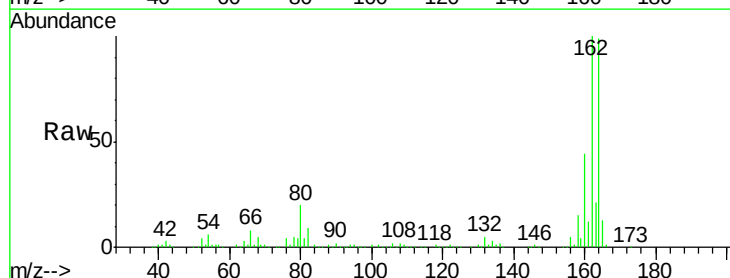


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

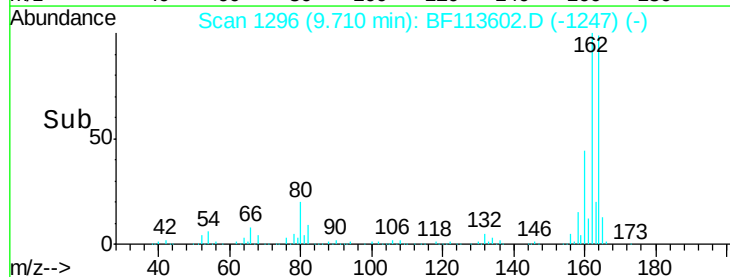
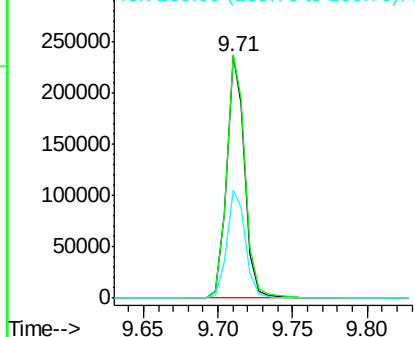


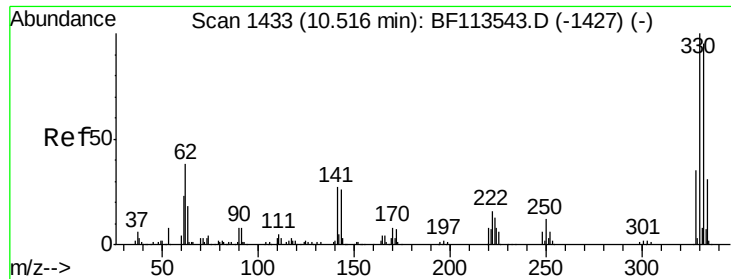
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF113602.D
 Acq: 5 Apr 2019 00:26

Tgt Ion: 164 Resp: 203309
 Ion Ratio Lower Upper
 164 100
 162 100.6 81.8 122.6
 160 44.5 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 24.166 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF113602.D

Acq: 5 Apr 2019 00:26

Instrument :

BNA_F

ClientSampleId :

BELT-PARKWAY-STAGING-YARD-3

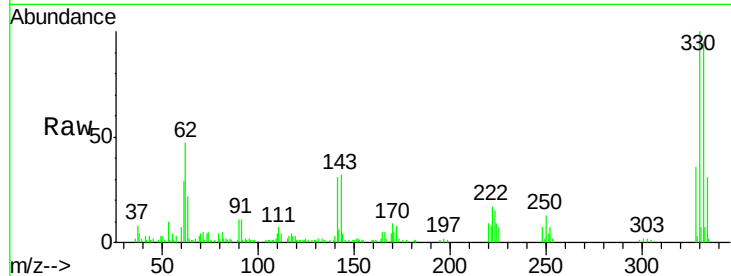
Tgt Ion:330 Resp: 59020

Ion Ratio Lower Upper

330 100

332 96.1 77.8 116.6

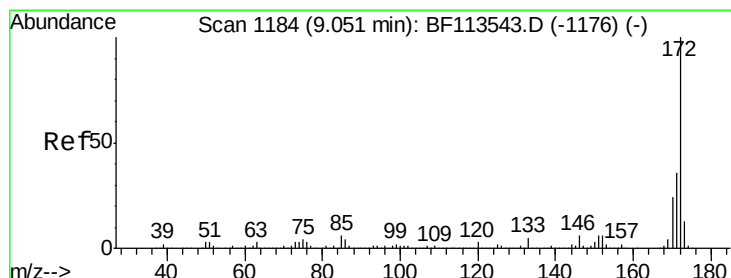
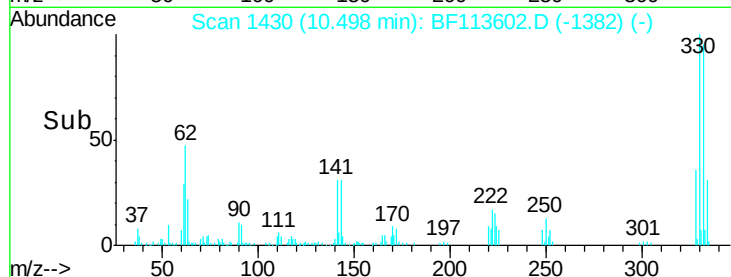
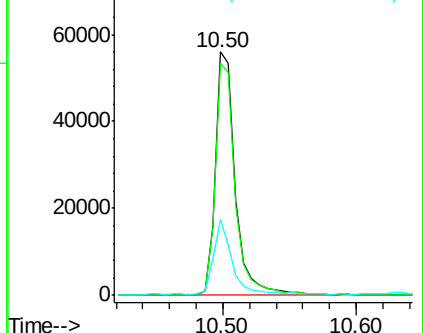
141 30.9 22.7 34.1



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: 23.588 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF113602.D

Acq: 5 Apr 2019 00:26

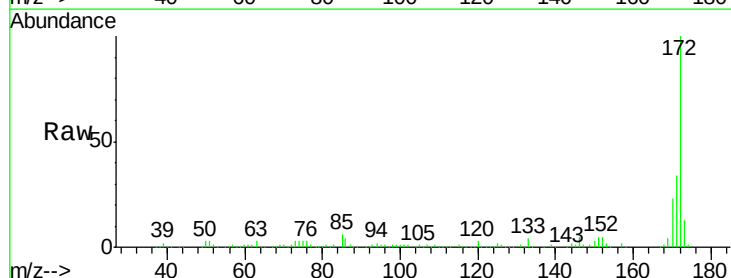
Tgt Ion:172 Resp: 297892

Ion Ratio Lower Upper

172 100

171 34.2 29.0 43.6

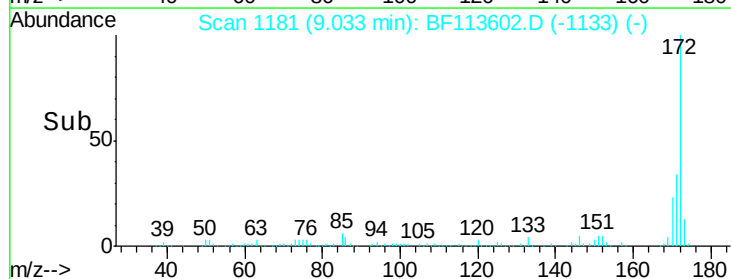
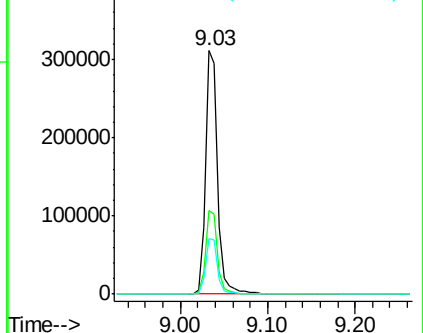
170 23.0 19.5 29.3

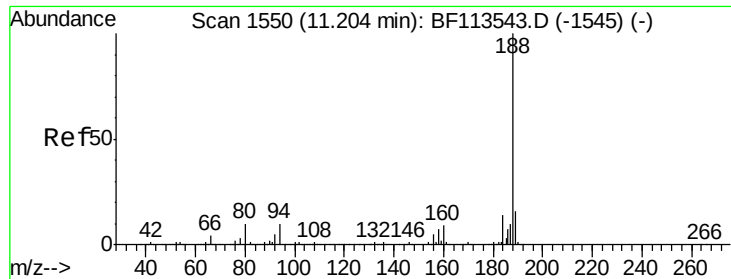


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

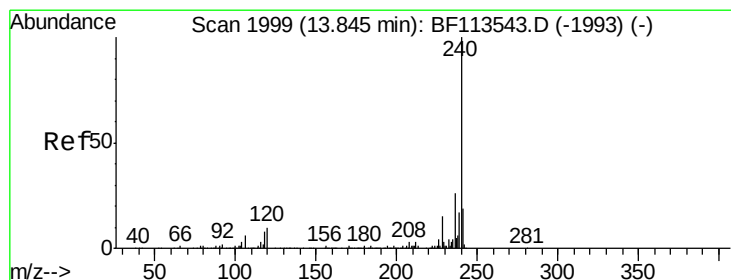
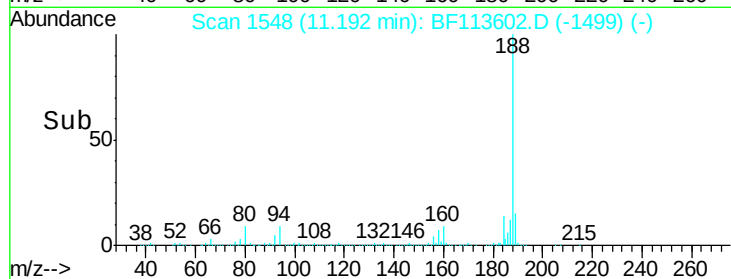
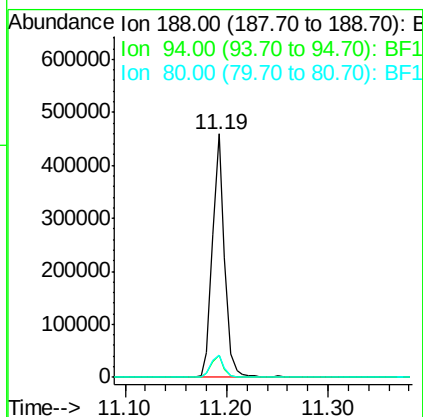
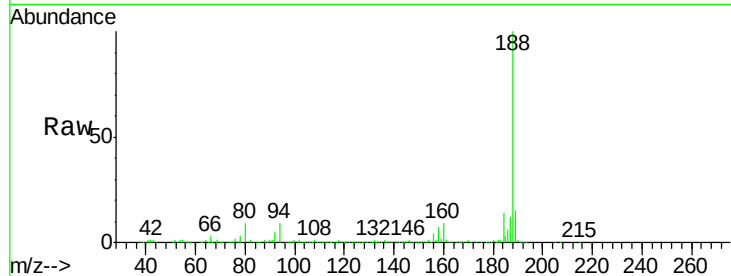




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113602.D
Acq: 5 Apr 2019 00:26

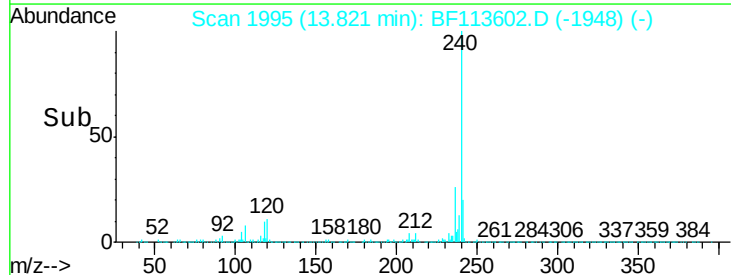
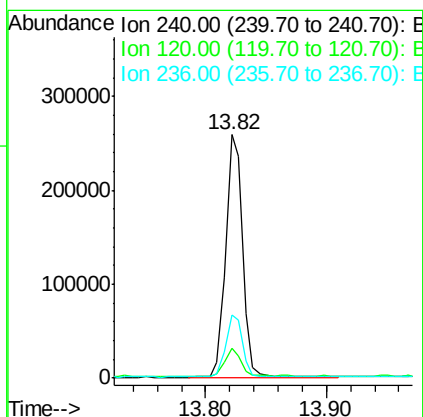
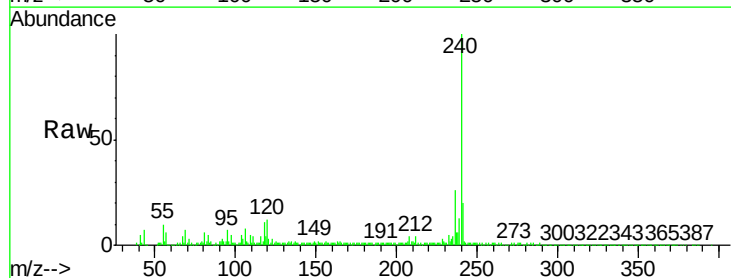
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ClientSampleId :
BELT-PARKWAY-STAGING-YARD-3

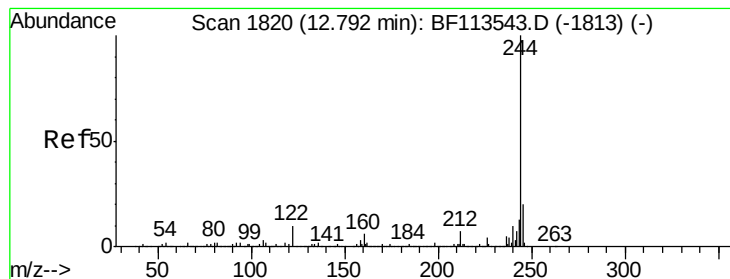
Tgt Ion:188 Resp: 383744
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.3 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113602.D
Acq: 5 Apr 2019 00:26

Tgt Ion:240 Resp: 249823
Ion Ratio Lower Upper
240 100
120 12.1 8.8 13.2
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 22.054 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113602.D

Acq: 5 Apr 2019 00:26

Instrument :

BNA_F

ClientSampleId :

BELT-PARKWAY-STAGING-YARD-3

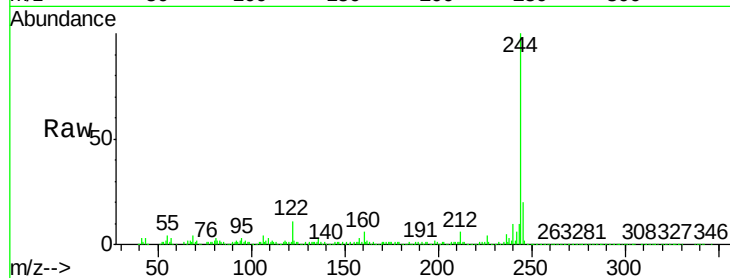
Tgt Ion:244 Resp: 270612

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

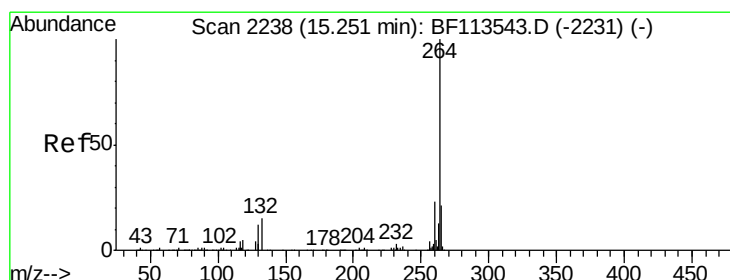
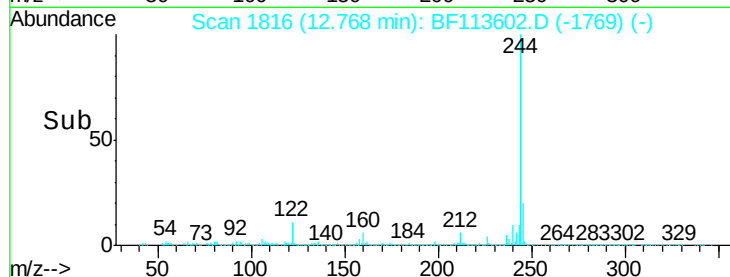
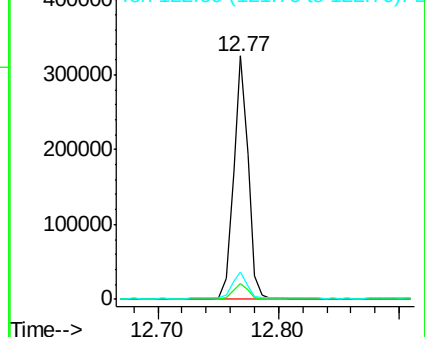
122 11.0 8.6 13.0



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: 15.23 min Scan# 2234

Delta R.T. -0.02 min

Lab File: BF113602.D

Acq: 5 Apr 2019 00:26

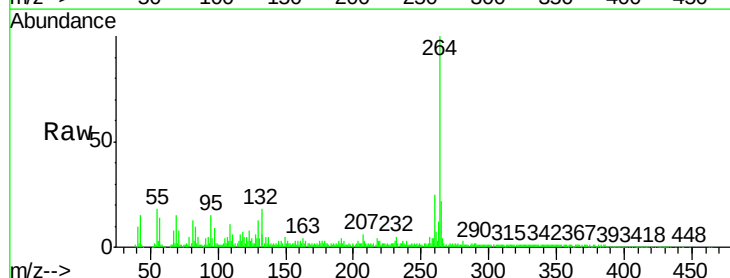
Tgt Ion:264 Resp: 191146

Ion Ratio Lower Upper

264 100

260 24.6 19.1 28.7

265 22.2 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

