

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113533.D
 Acq On : 3 Apr 2019 5:47
 Operator : JU/SJ
 Sample : K2186-22
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-TRACK-78-79

Quant Time: Apr 03 08:25:03 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	146961	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	526671	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	226162	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	390759	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	385422	20.00	ng	-0.01
87) Perylene-d12	15.24	264	288298	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	874373	97.28	ng	0.00
7) Phenol-d6	6.35	99	997616	87.74	ng	-0.01
23) Nitrobenzene-d5	7.26	82	742549	83.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	296536	106.15	ng	-0.02
45) 2-Fluorobiphenyl	9.05	172	1386879	99.02	ng	-0.02
79) Terphenyl-d14	12.78	244	1302226	74.47	ng	-0.02

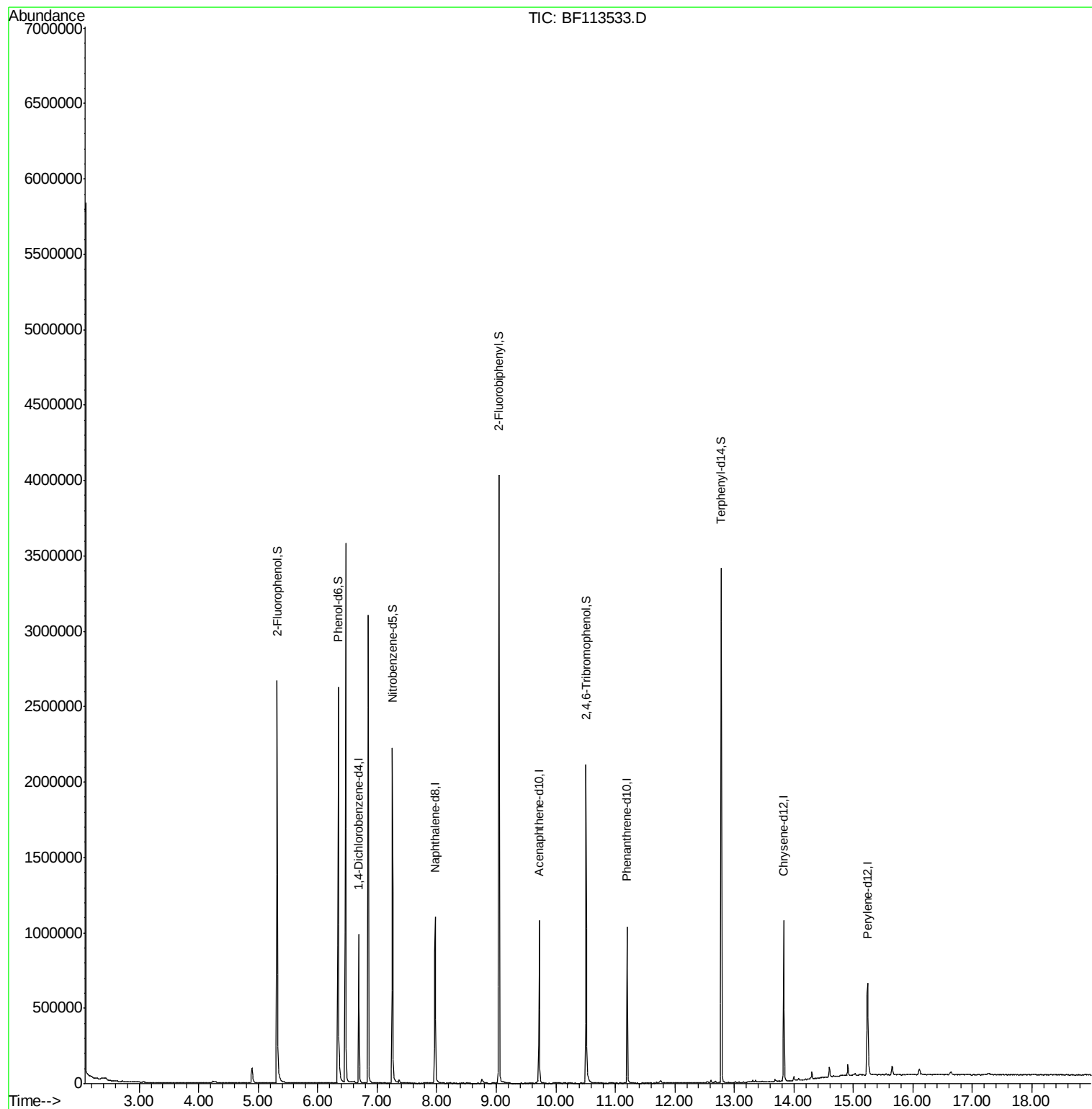
Target Compounds	Qvalue
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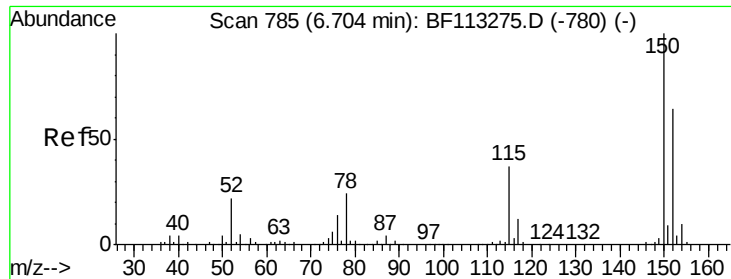
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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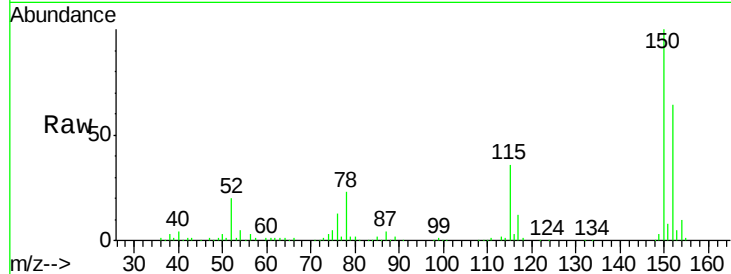


#1

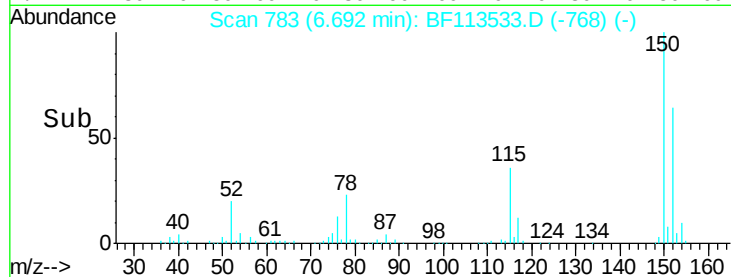
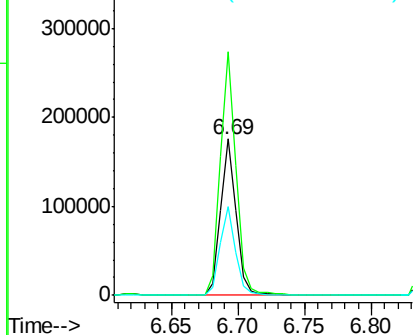
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF113533.D
Acq: 3 Apr 2019 5:47

Instrument :
BNA_F
ClientSampleId :
TP-TRACK-78-79

Tgt Ion:152 Resp: 146961
Ion Ratio Lower Upper
152 100
150 155.7 124.7 187.1
115 56.7 46.0 69.0



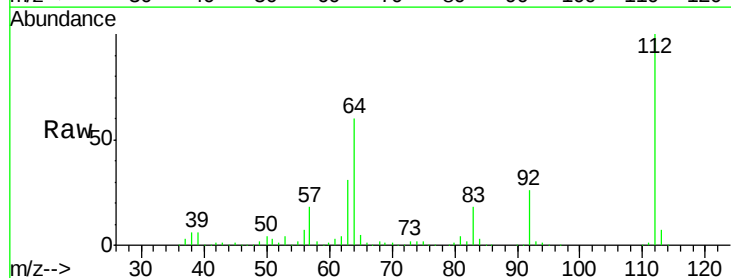
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



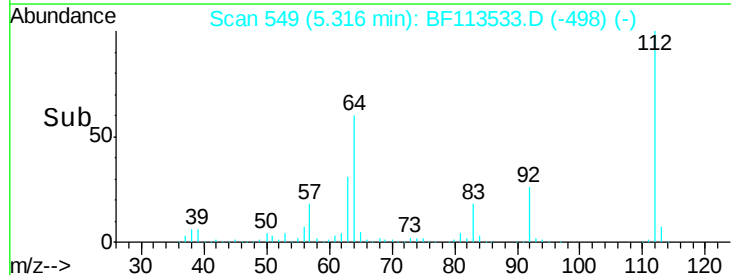
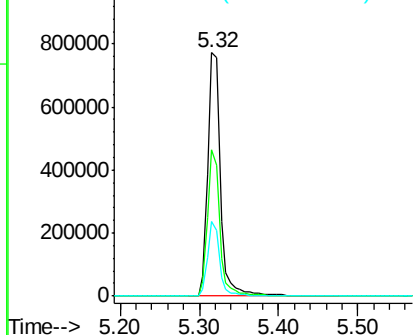
#5

2-Fluorophenol
Concen: 97.285 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF113533.D
Acq: 3 Apr 2019 5:47

Tgt Ion:112 Resp: 874373
Ion Ratio Lower Upper
112 100
64 60.2 49.2 73.8
63 30.6 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: 87.741 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113533.D

Acq: 3 Apr 2019 5:47

Instrument :

BNA_F

ClientSampleId :

TP-TRACK-78-79

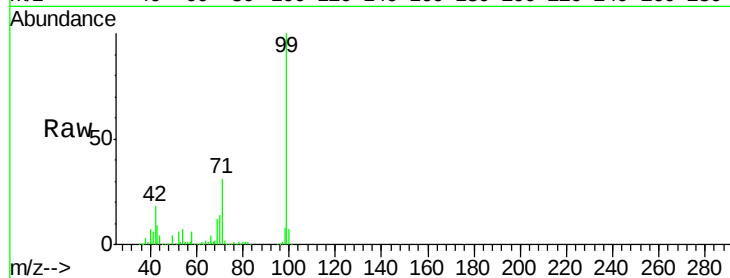
Tgt Ion: 99 Resp: 997616

Ion Ratio Lower Upper

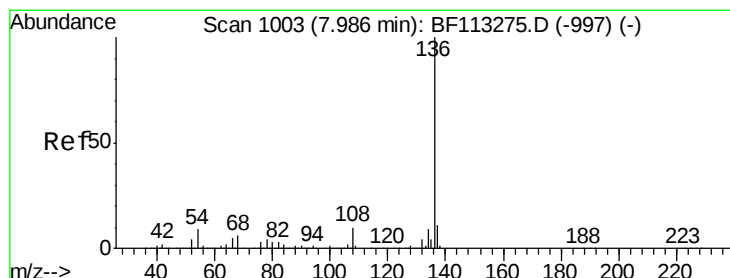
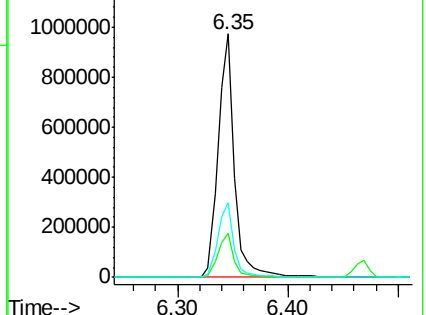
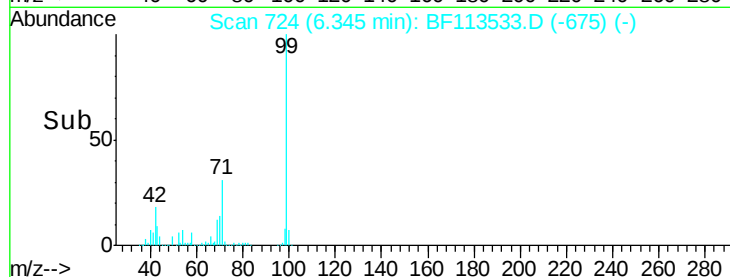
99 100

42 17.9 14.8 22.2

71 30.5 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: BF113533.D

Acq: 3 Apr 2019 5:47

Tgt Ion: 136 Resp: 526671

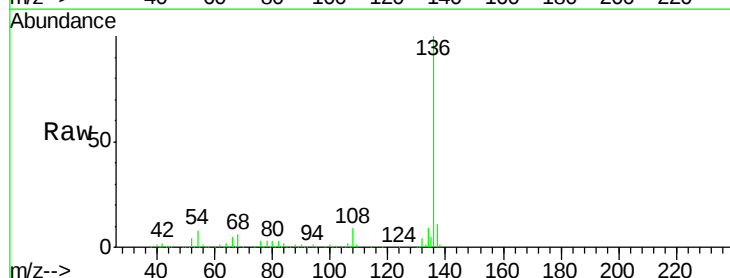
Ion Ratio Lower Upper

136 100

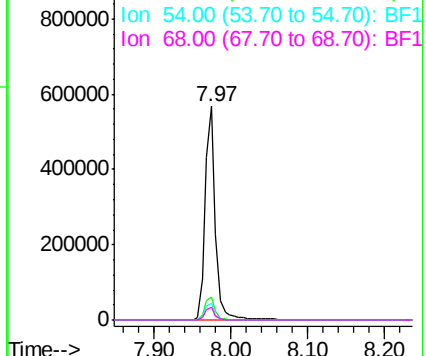
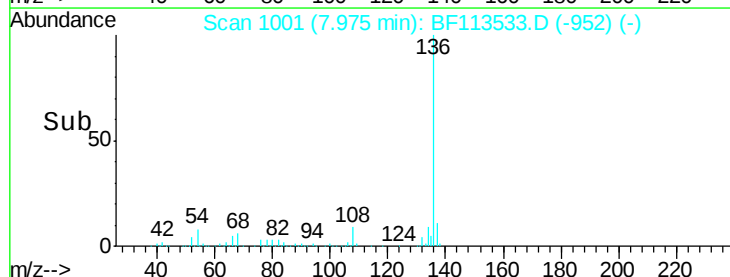
137 10.9 8.9 13.3

54 7.6 7.0 10.6

68 5.9 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

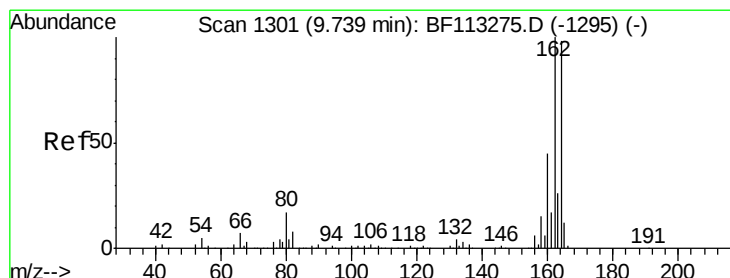
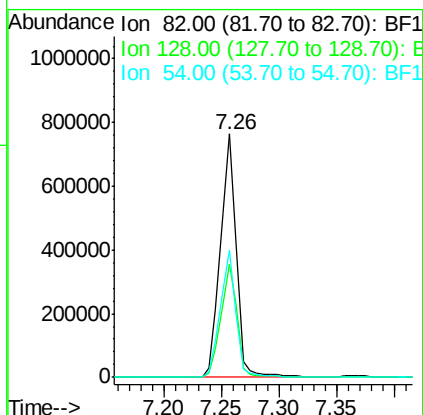
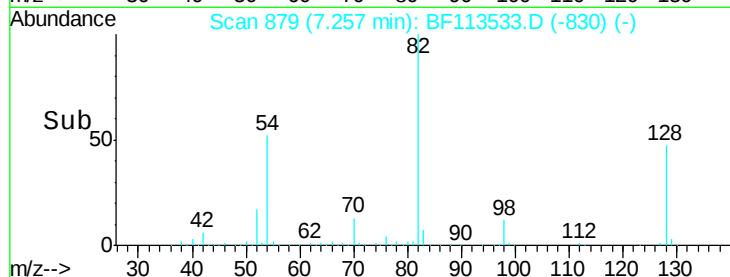
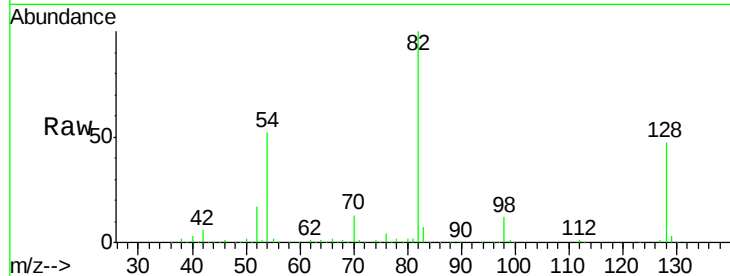




#23
 Nitrobenzene-d5
 Concen: 83.683 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF113533.D
 Acq: 3 Apr 2019 5:47

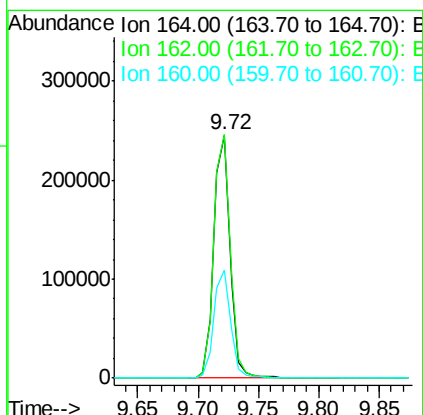
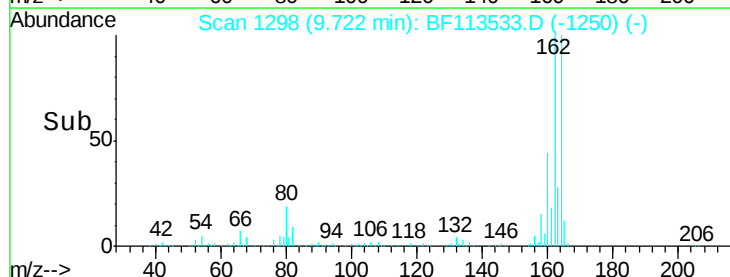
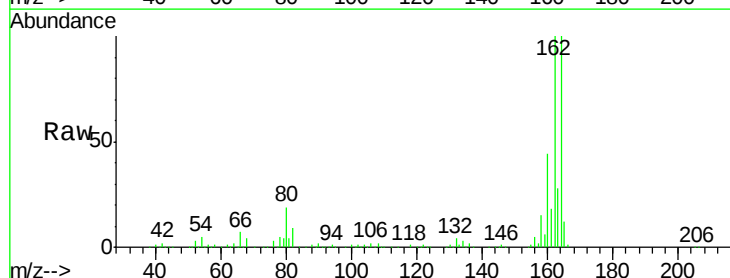
Instrument :
 BNA_F
 ClientSampleId :
 TP-TRACK-78-79

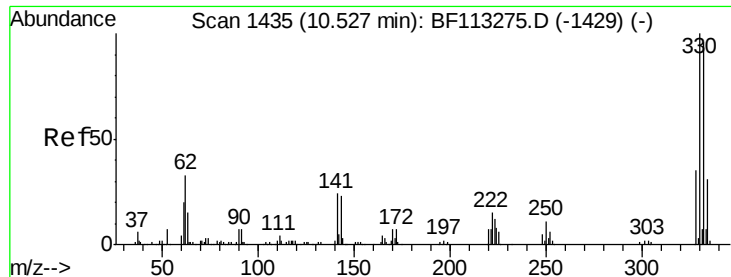
Tgt Ion: 82 Resp: 742549
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.5 54.7
 54 52.1 42.2 63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF113533.D
 Acq: 3 Apr 2019 5:47

Tgt Ion: 164 Resp: 226162
 Ion Ratio Lower Upper
 164 100
 162 100.4 81.8 122.6
 160 44.3 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 106.148 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BF113533.D

Acq: 3 Apr 2019 5:47

Instrument :

BNA_F

ClientSampleId :

TP-TRACK-78-79

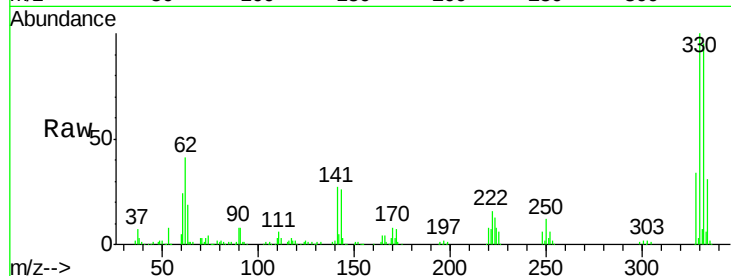
Tgt Ion:330 Resp: 296536

Ion Ratio Lower Upper

330 100

332 95.6 77.8 116.6

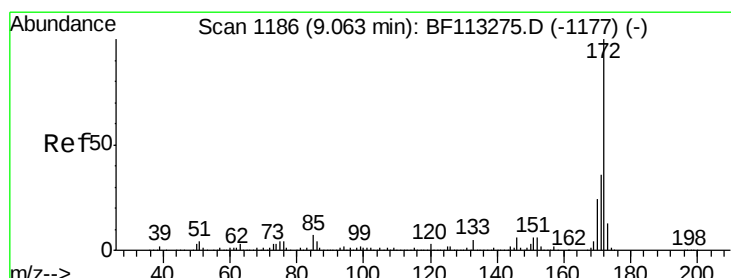
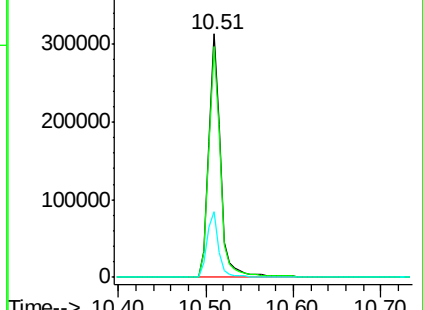
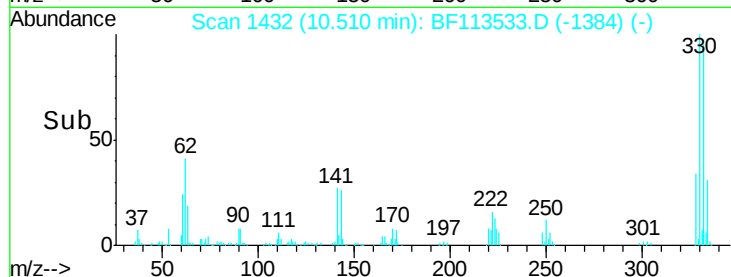
141 26.9 22.7 34.1



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: 99.024 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BF113533.D

Acq: 3 Apr 2019 5:47

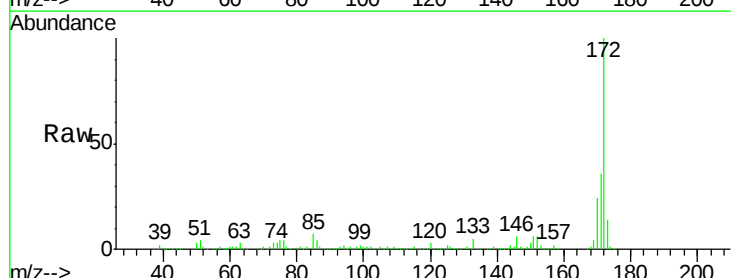
Tgt Ion:172 Resp: 1386879

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

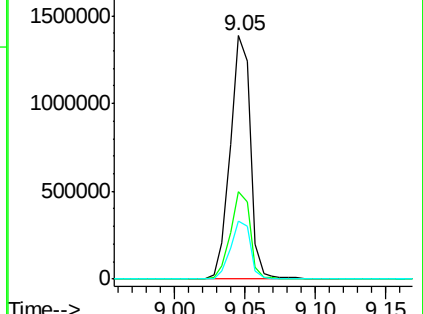
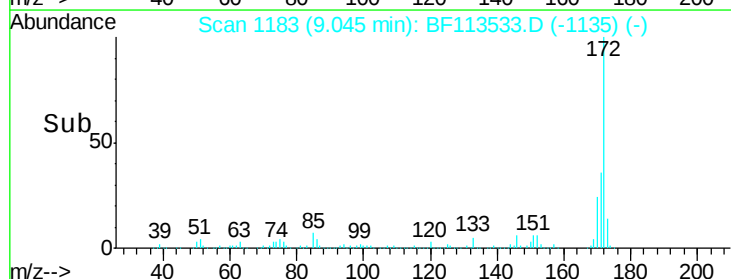
170 24.1 19.5 29.3

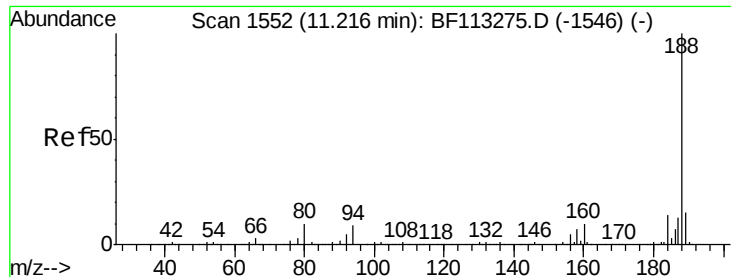


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

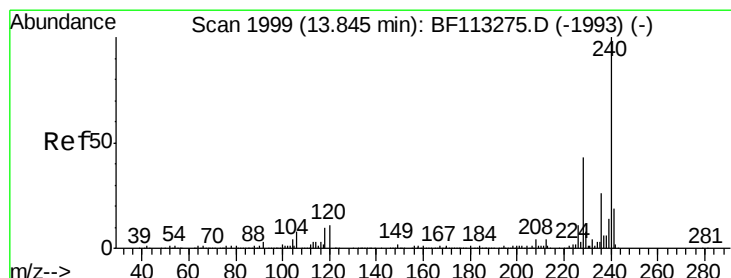
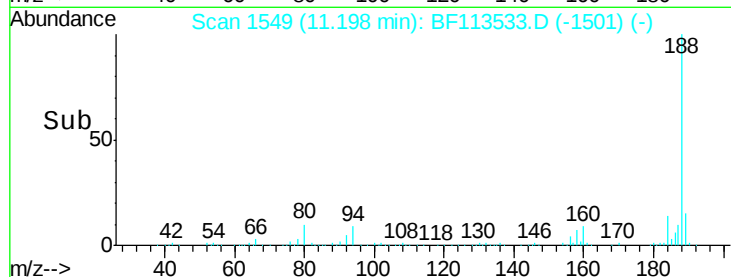
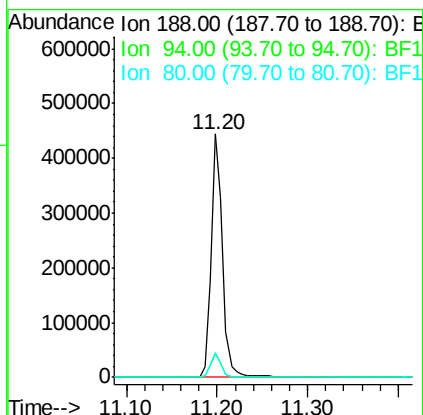
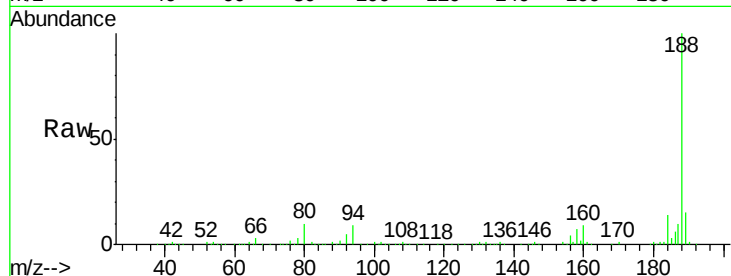




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF113533.D
Acq: 3 Apr 2019 5:47

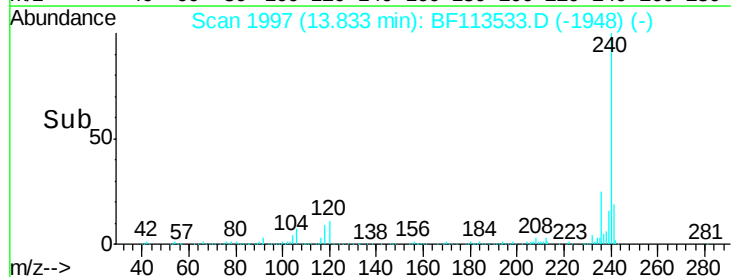
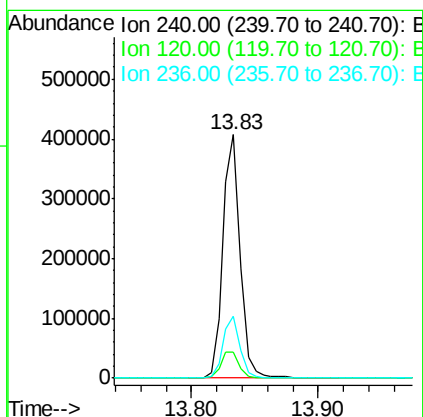
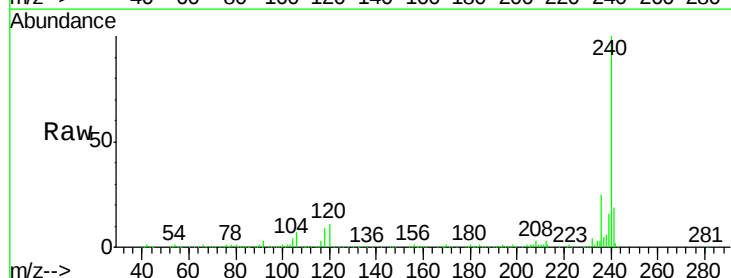
Instrument :
BNA_F
ClientSampleId :
TP-TRACK-78-79

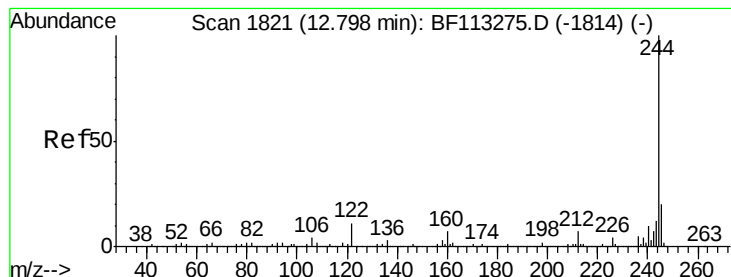
Tgt Ion:188 Resp: 390759
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.3 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113533.D
Acq: 3 Apr 2019 5:47

Tgt Ion:240 Resp: 385422
Ion Ratio Lower Upper
240 100
120 10.7 8.8 13.2
236 25.4 20.9 31.3





#79

Terphenyl-d14

Concen: 74.472 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF113533.D

Acq: 3 Apr 2019 5:47

Instrument :

BNA_F

ClientSampleId :

TP-TRACK-78-79

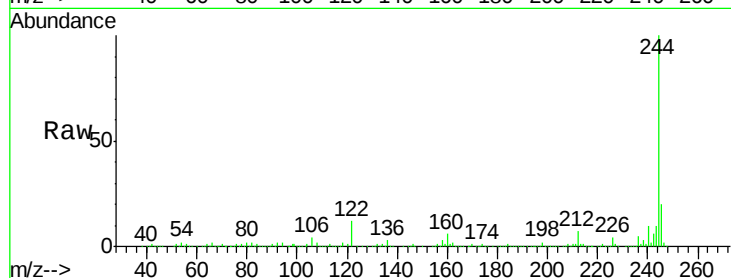
Tgt Ion:244 Resp: 1302226

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

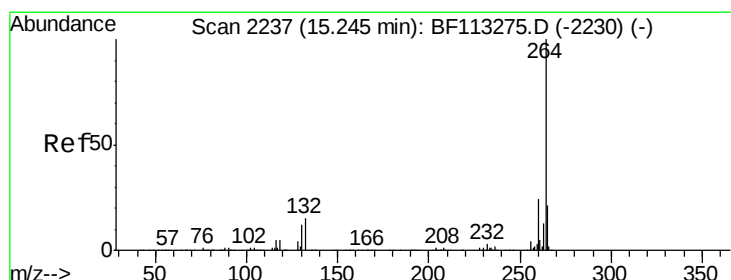
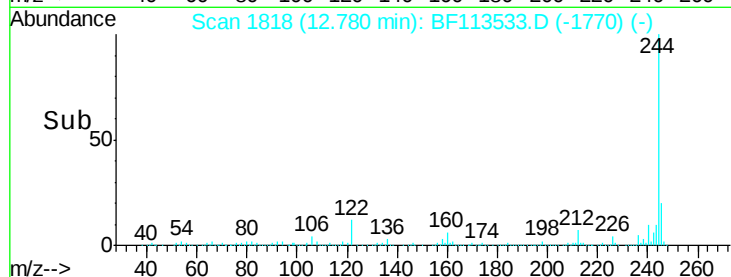
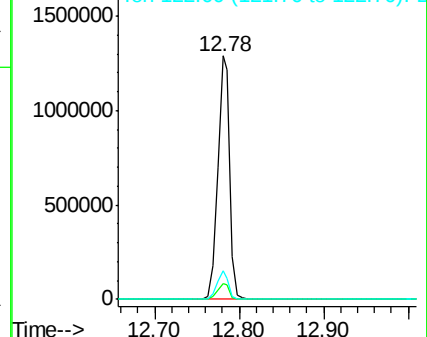
122 11.6 8.6 13.0



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: BF113533.D

Acq: 3 Apr 2019 5:47

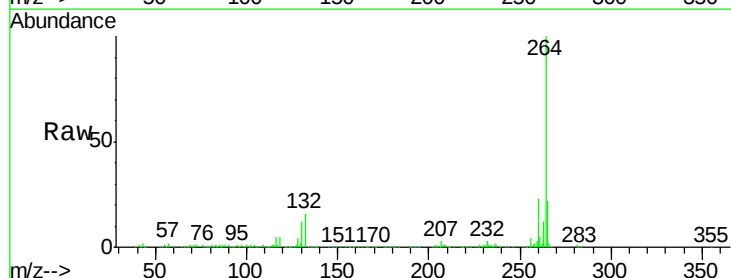
Tgt Ion:264 Resp: 288298

Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 21.7 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

