

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
 Data File : BF113684.D
 Acq On : 10 Apr 2019 4:37
 Operator : JU/SJ
 Sample : K2333-03 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632

Quant Time: Apr 10 07:46:54 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	6.67	152	103635	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	416971	20.00	ng	-0.01
39) Acenaphthene-d10	9.71	164	195255	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	360034	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	327444	20.00	ng	-0.02
87) Perylene-d12	15.23	264	315134	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	15404	2.53	ng	0.04
7) Phenol-d6	6.38	99	16415	2.19	ng	0.04
23) Nitrobenzene-d5	7.25	82	53384	7.50	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	7109	3.03	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	128656	10.61	ng	-0.02
79) Terphenyl-d14	12.77	244	101215	6.29	ng	-0.02

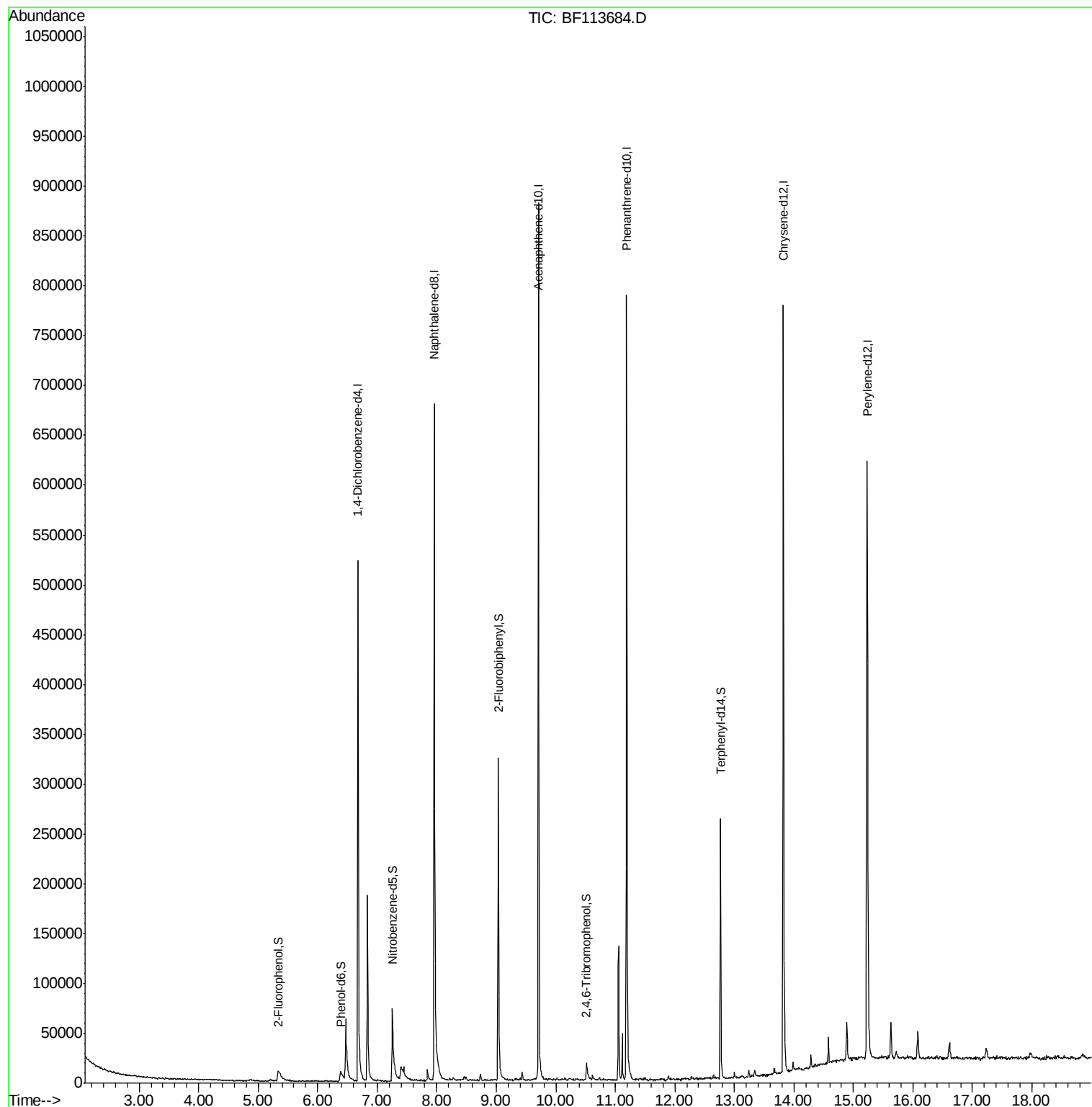
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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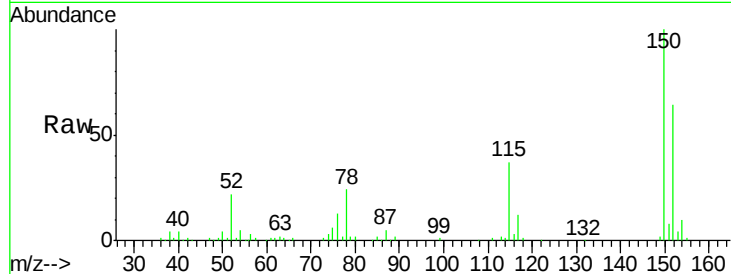


#1

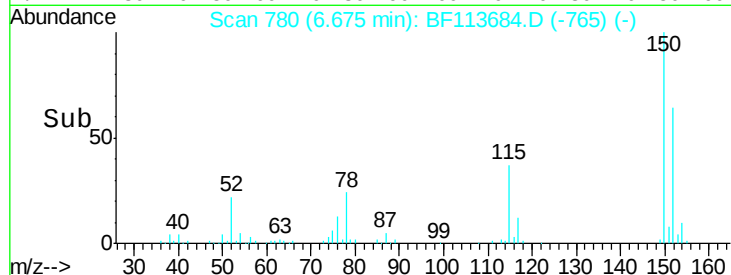
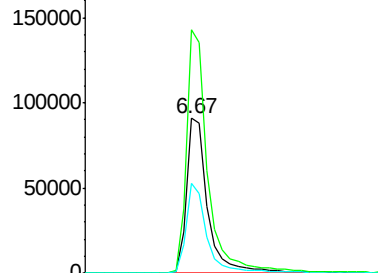
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113684.D
Acq: 10 Apr 2019 4:37

Instrument :
BNA_F
ClientSampleId :
NCQ-632

Tgt Ion:152 Resp: 103635
Ion Ratio Lower Upper
152 100
150 157.0 124.7 187.1
115 58.0 46.0 69.0



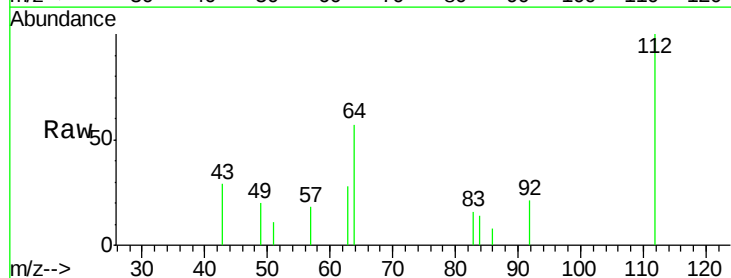
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



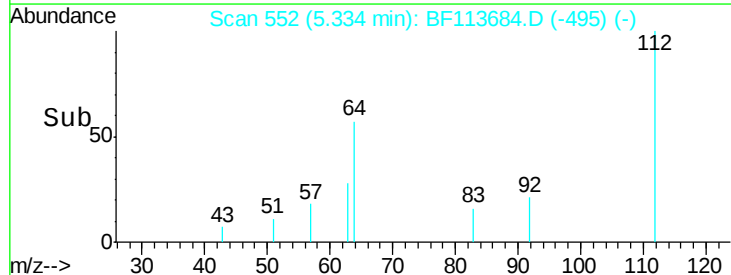
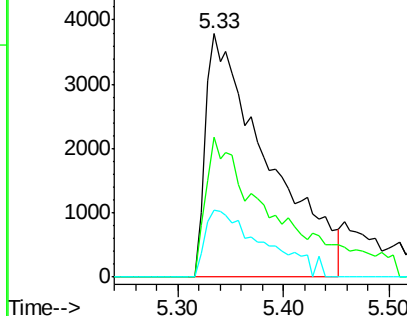
#5

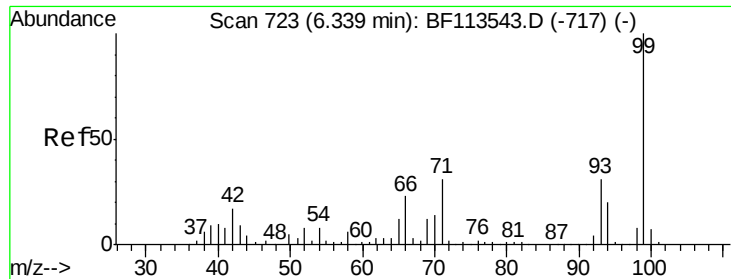
2-Fluorophenol
Concen: 2.535 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.04 min
Lab File: BF113684.D
Acq: 10 Apr 2019 4:37

Tgt Ion:112 Resp: 15404
Ion Ratio Lower Upper
112 100
64 57.3 49.2 73.8
63 27.7 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: 2.191 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.04 min

Lab File: BF113684.D

Acq: 10 Apr 2019 4:37

Instrument :

BNA_F

ClientSampleId :

NCQ-632

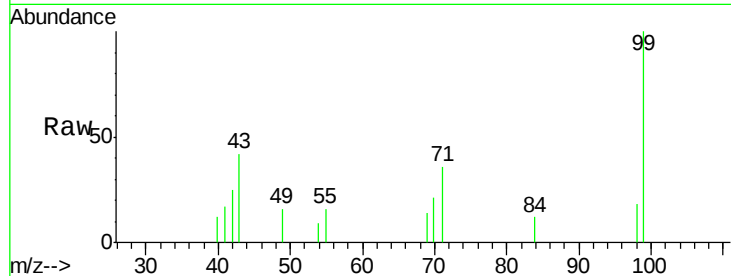
Tgt Ion: 99 Resp: 16415

Ion Ratio Lower Upper

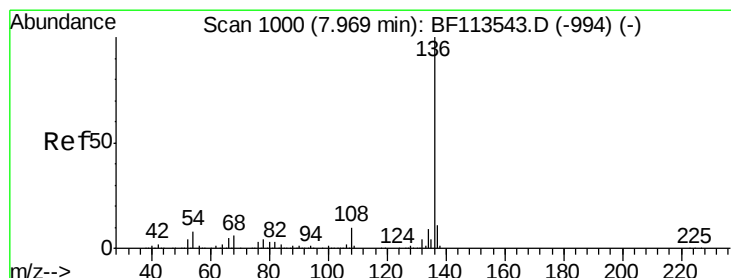
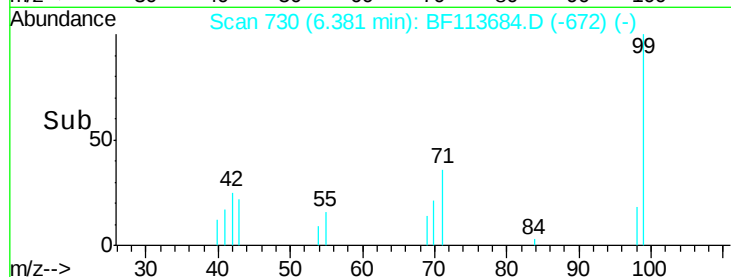
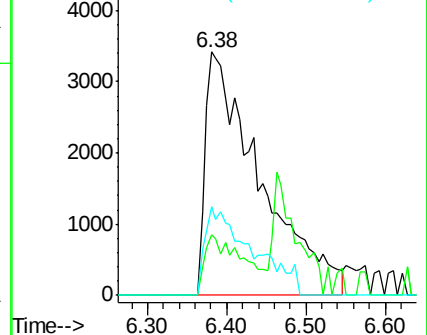
99 100

42 24.9 14.8 22.2#

71 36.3 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: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF113684.D

Acq: 10 Apr 2019 4:37

Tgt Ion: 136 Resp: 416971

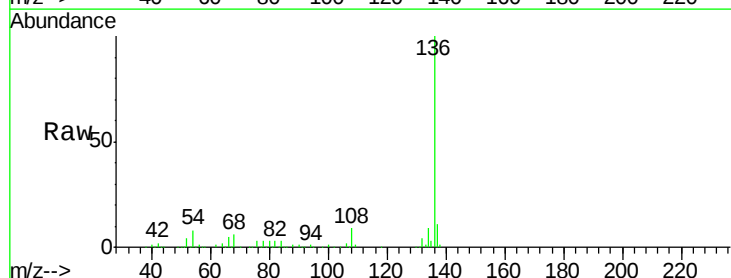
Ion Ratio Lower Upper

136 100

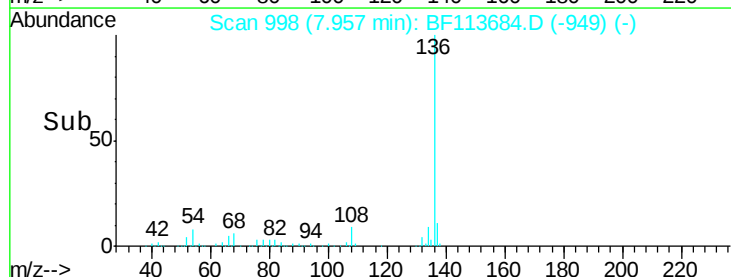
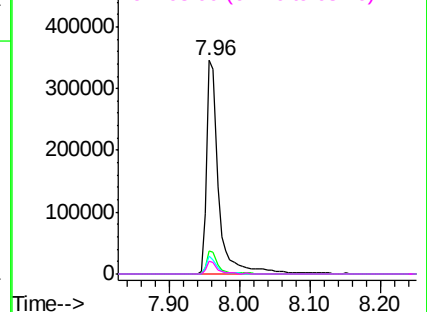
137 10.8 8.9 13.3

54 8.4 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

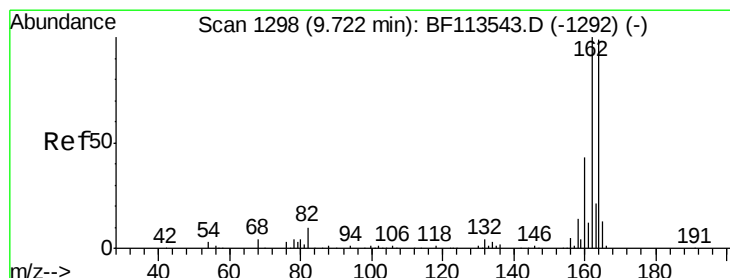
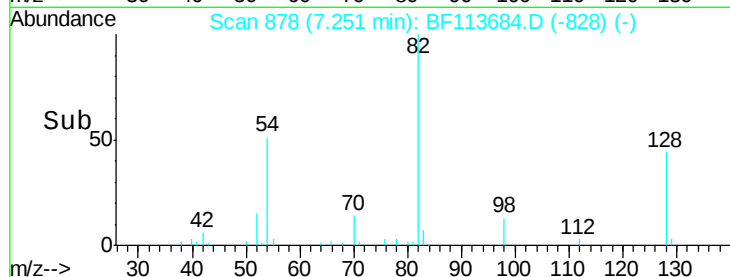
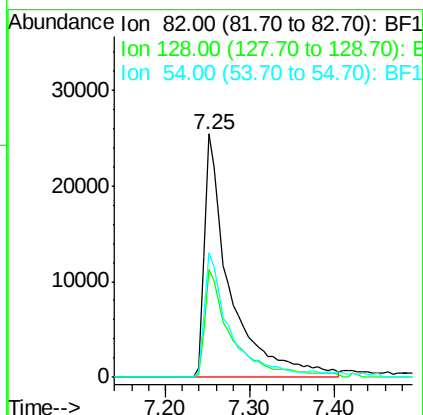
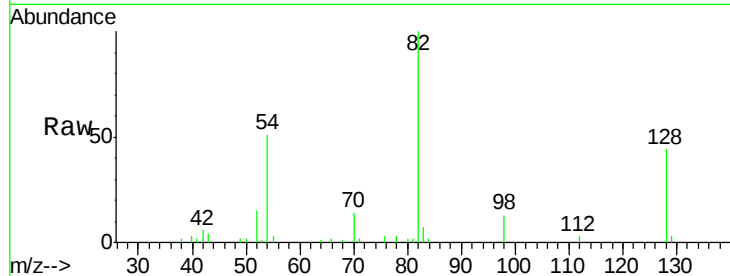




#23
 Nitrobenzene-d5
 Concen: 7.499 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF113684.D
 Acq: 10 Apr 2019 4:37

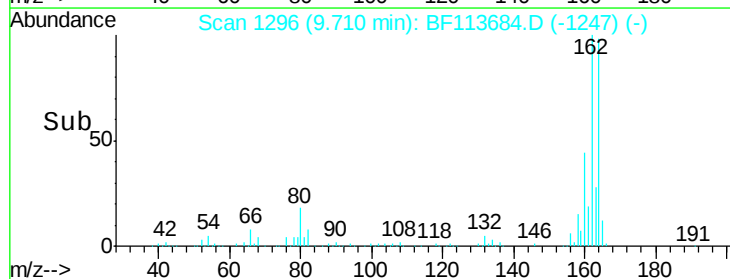
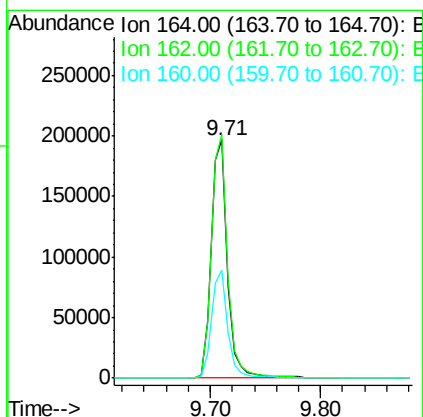
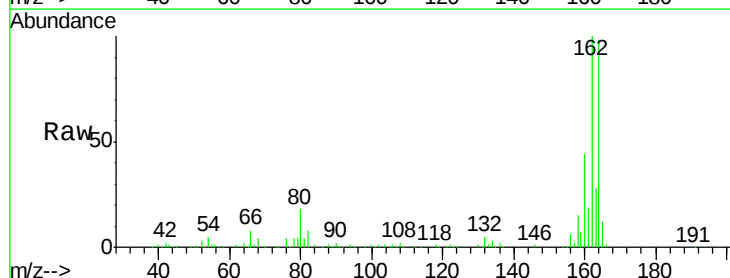
Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632

Tgt Ion: 82 Resp: 53384
 Ion Ratio Lower Upper
 82 100
 128 44.5 36.5 54.7
 54 51.0 42.2 63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF113684.D
 Acq: 10 Apr 2019 4:37

Tgt Ion: 164 Resp: 195255
 Ion Ratio Lower Upper
 164 100
 162 102.1 81.8 122.6
 160 45.0 36.4 54.6

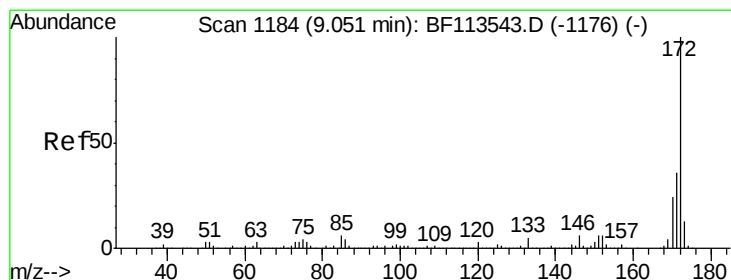
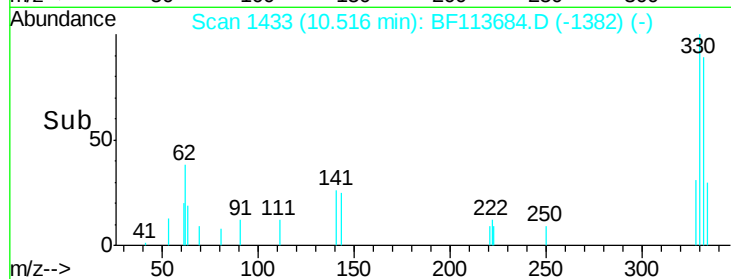
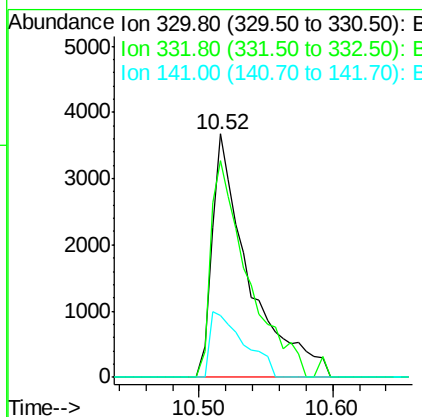
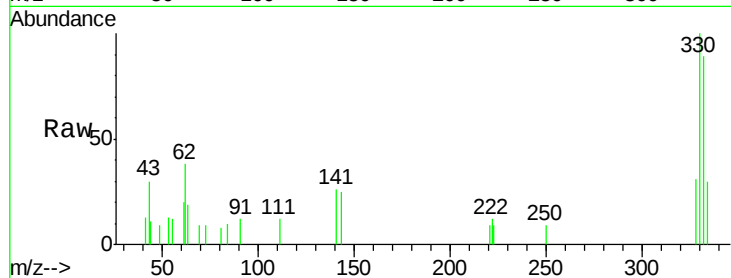




#42
 2,4,6-Tribromophenol
 Concen: 3.031 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF113684.D
 Acq: 10 Apr 2019 4:37

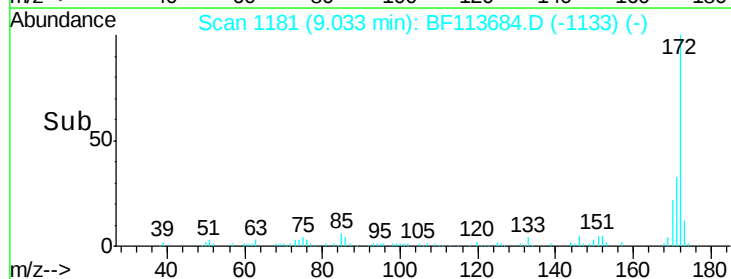
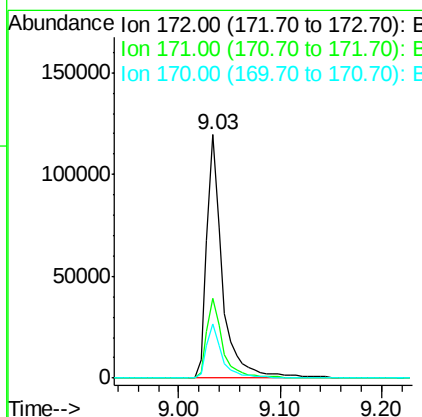
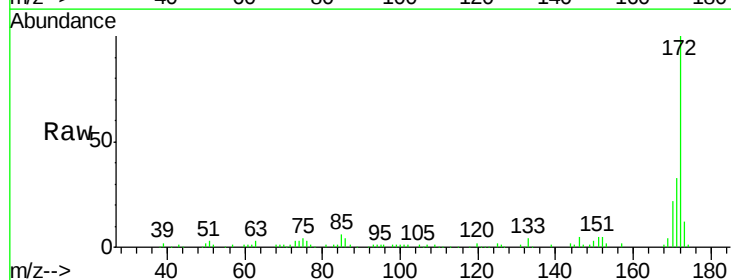
Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632

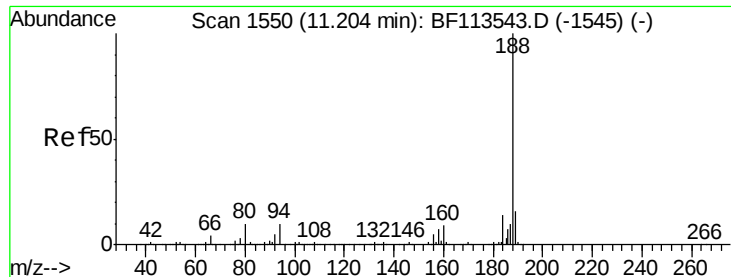
Tgt Ion: 330 Resp: 7109
 Ion Ratio Lower Upper
 330 100
 332 90.0 77.8 116.6
 141 25.0 22.7 34.1



#45
 2-Fluorobiphenyl
 Concen: 10.608 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113684.D
 Acq: 10 Apr 2019 4:37

Tgt Ion: 172 Resp: 128656
 Ion Ratio Lower Upper
 172 100
 171 32.9 29.0 43.6
 170 22.3 19.5 29.3

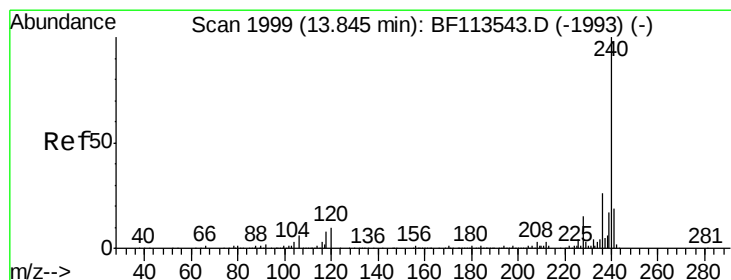
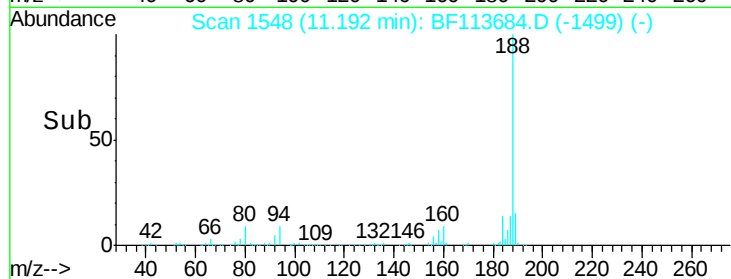
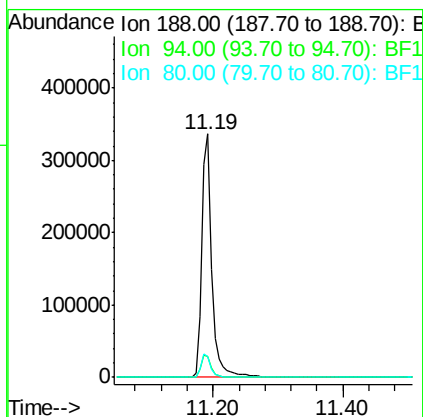
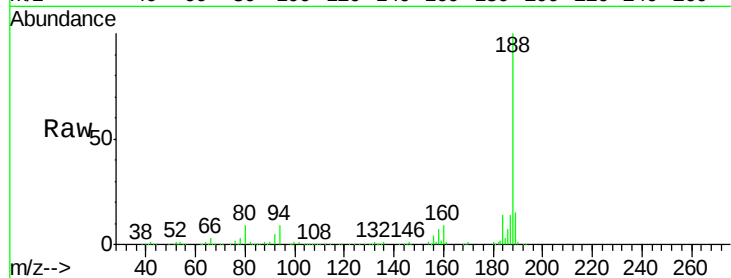




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113684.D
Acq: 10 Apr 2019 4:37

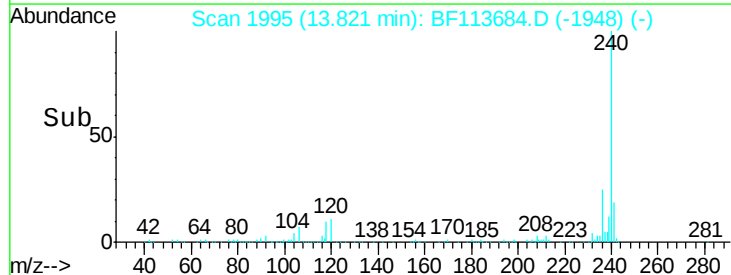
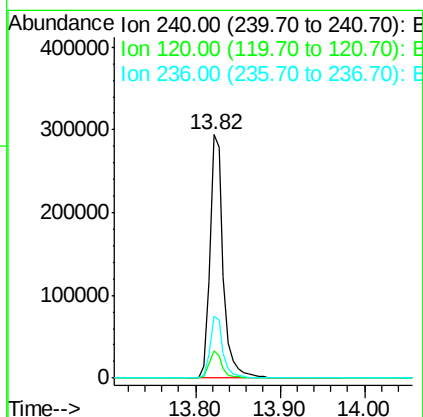
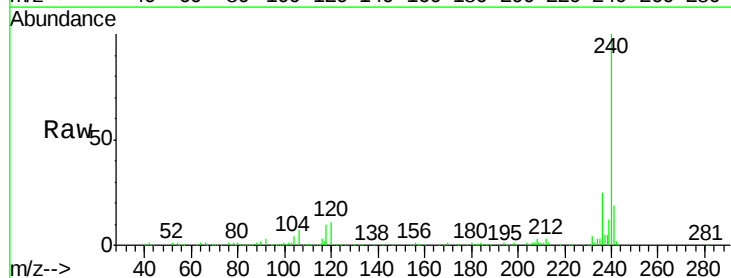
Instrument :
BNA_F
ClientSampleId :
NCQ-632

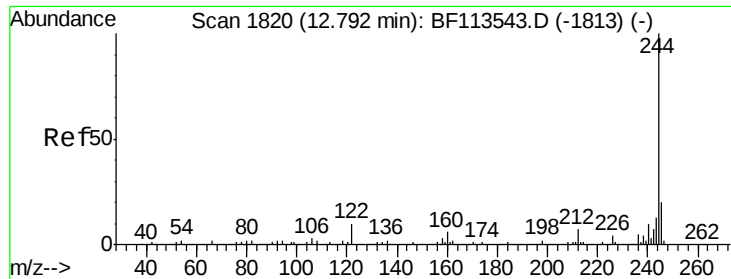
Tgt Ion:188 Resp: 360034
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 8.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113684.D
Acq: 10 Apr 2019 4:37

Tgt Ion:240 Resp: 327444
Ion Ratio Lower Upper
240 100
120 11.3 8.8 13.2
236 25.3 20.9 31.3





#79

Terphenyl-d14

Concen: 6.293 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113684.D

Acq: 10 Apr 2019 4:37

Instrument :

BNA_F

ClientSampleId :

NCQ-632

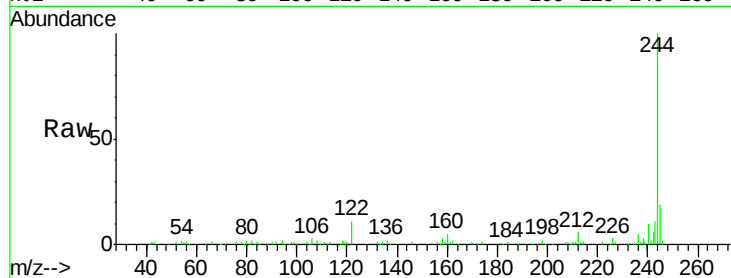
Tgt Ion: 244 Resp: 101215

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

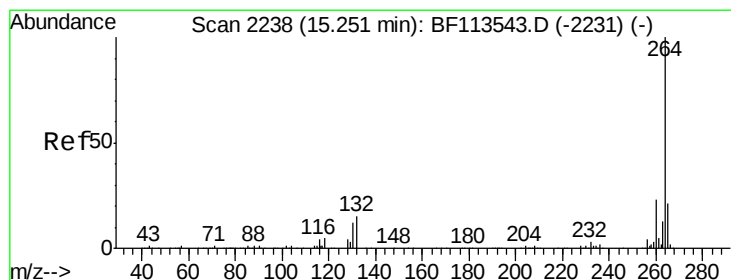
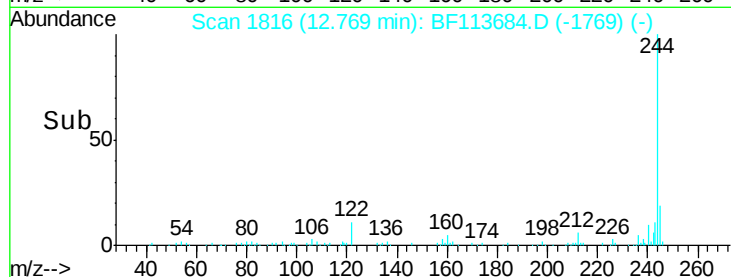
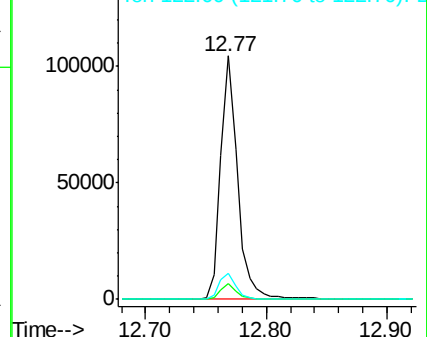
122 10.5 8.6 13.0



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# 2235

Delta R.T. -0.02 min

Lab File: BF113684.D

Acq: 10 Apr 2019 4:37

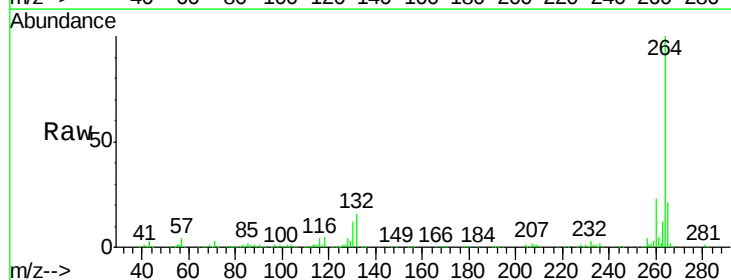
Tgt Ion: 264 Resp: 315134

Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 21.5 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

