

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
 Data File : BF113356.D
 Acq On : 28 Mar 2019 4:32
 Operator : JU/SJ
 Sample : K2086-13
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-16

Quant Time: Mar 28 08:53:17 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	6.70	152	173263	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	627526	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	279429	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	488581	20.00	ng	0.00
76) Chrysene-d12	13.83	240	424379	20.00	ng	-0.01
87) Perylene-d12	15.24	264	332433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1150919	108.61	ng	0.02
7) Phenol-d6	6.35	99	1310699	97.78	ng	0.00
23) Nitrobenzene-d5	7.27	82	977629	92.47	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	375284	108.73	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1690132	97.37	ng	0.00
79) Terphenyl-d14	12.79	244	1599890	83.10	ng	0.00

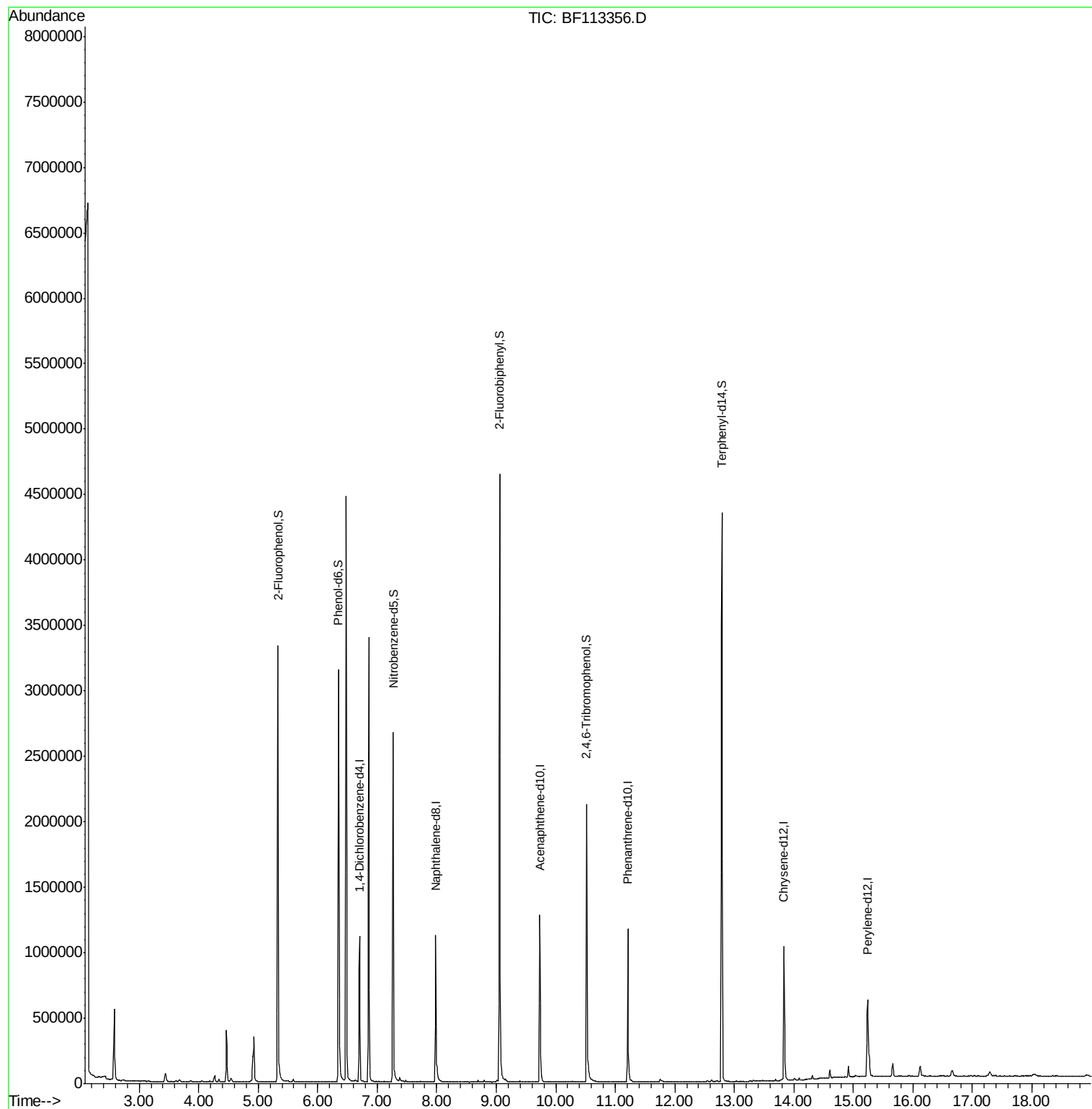
Target Compounds Qvalue

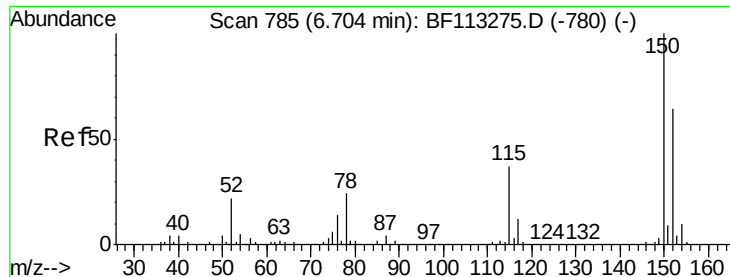
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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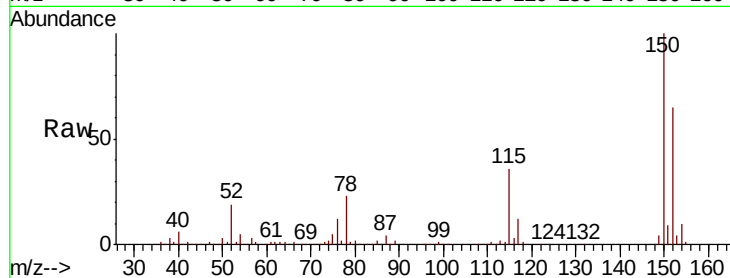


#1

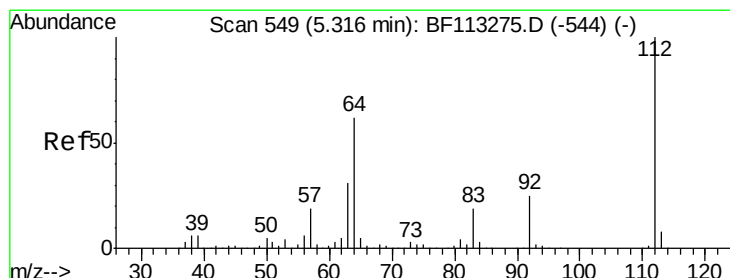
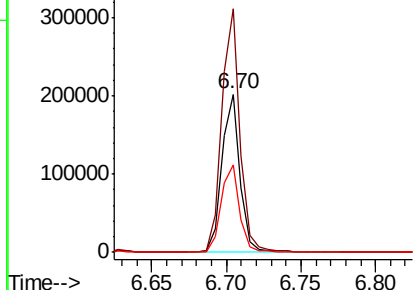
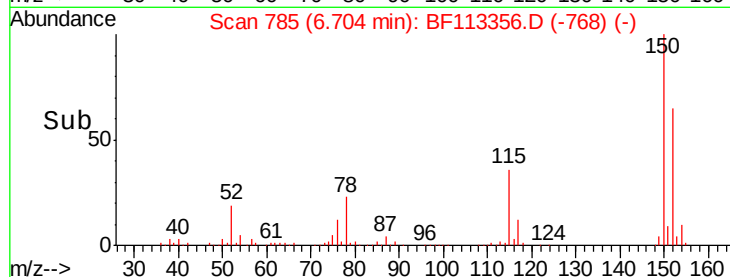
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113356.D
Acq: 28 Mar 2019 4:32

Instrument :
BNA_F
ClientSampleId :
CS-16

Tot Ion:152 Resp: 173263
Ion Ratio Lower Upper
152 100
150 153.8 124.7 187.1
115 55.6 46.0 69.0



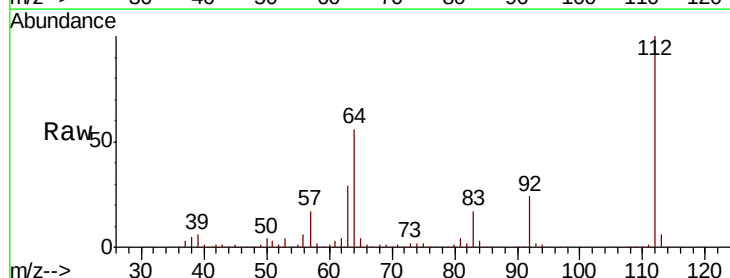
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



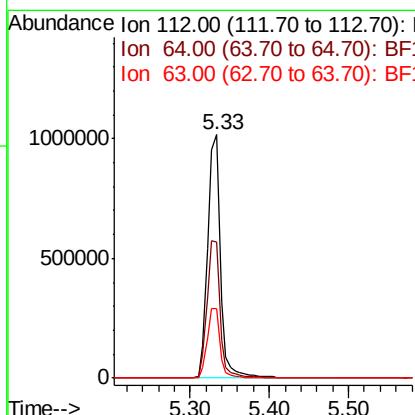
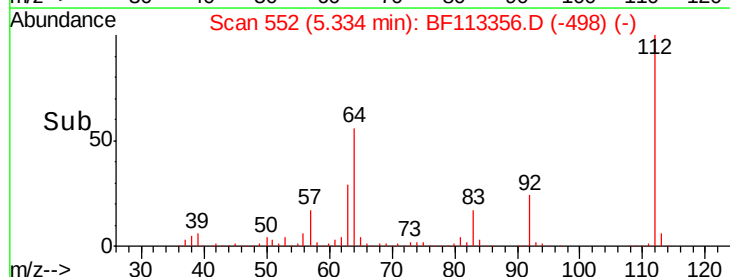
#5

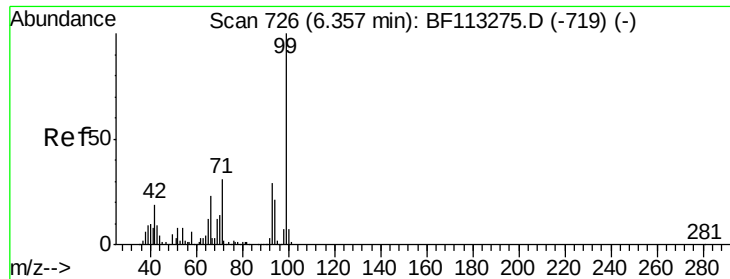
2-Fluorophenol
Concen: 108.615 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.02 min
Lab File: BF113356.D
Acq: 28 Mar 2019 4:32

Tgt Ion:112 Resp: 1150919
Ion Ratio Lower Upper
112 100
64 56.0 49.2 73.8
63 28.7 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: 97.777 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113356.D

Acq: 28 Mar 2019 4:32

Instrument :

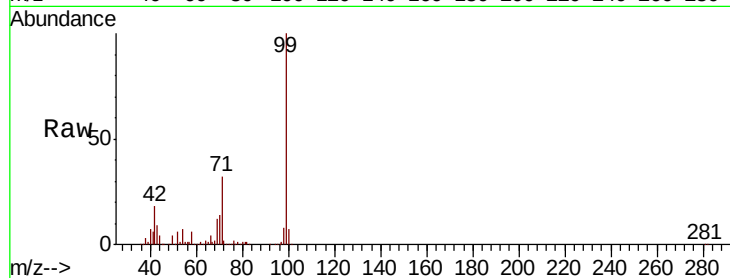
BNA_F

ClientSampleId :

CS-16

Tot Ion: 99 Resp: 1310699

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.8	22.2
71	31.6	24.9	37.3

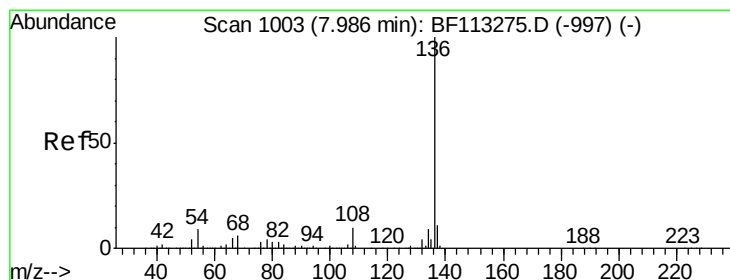
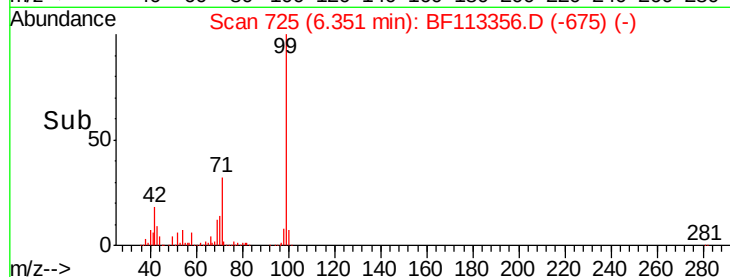
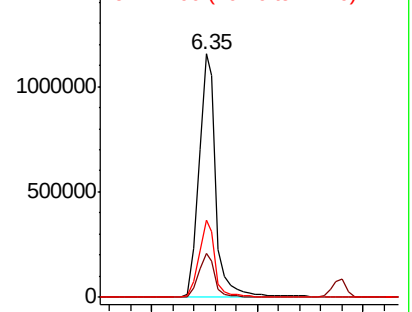


Abundance

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: 7.98 min Scan# 1002

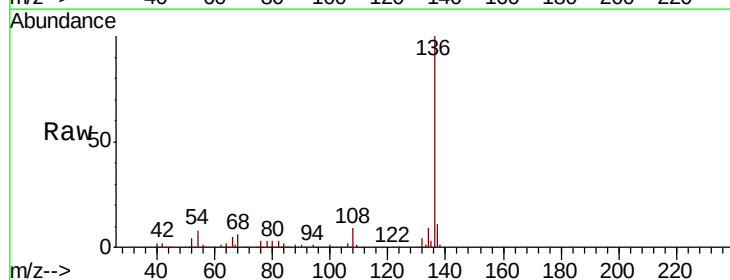
Delta R.T. -0.01 min

Lab File: BF113356.D

Acq: 28 Mar 2019 4:32

Tgt Ion: 136 Resp: 627526

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.3	7.0	10.6
68	6.2	4.8	7.2



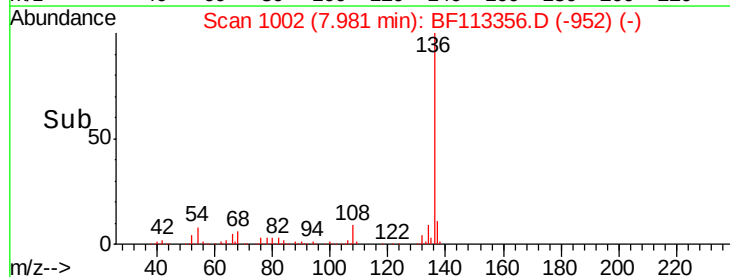
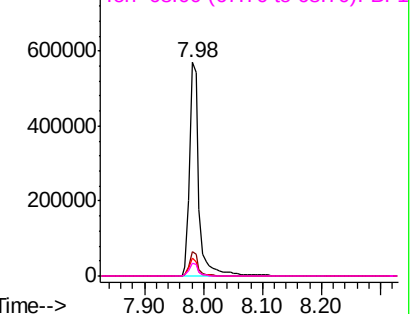
Abundance

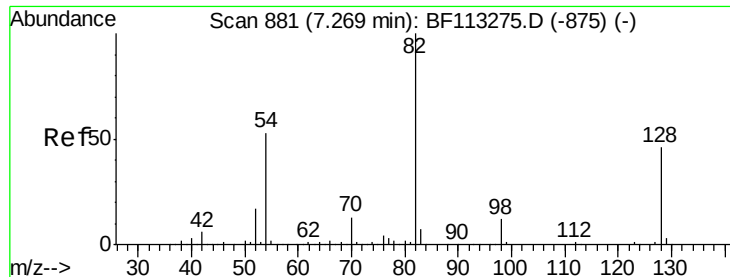
Ion 136.00 (135.70 to 136.70): E

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

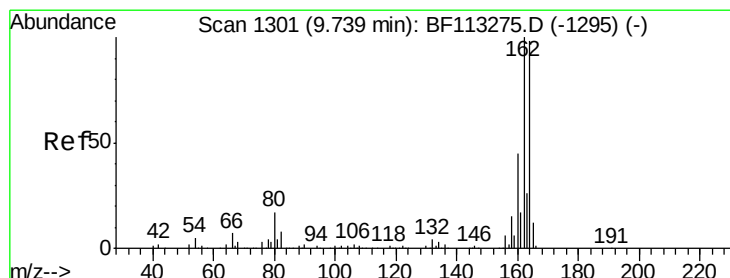
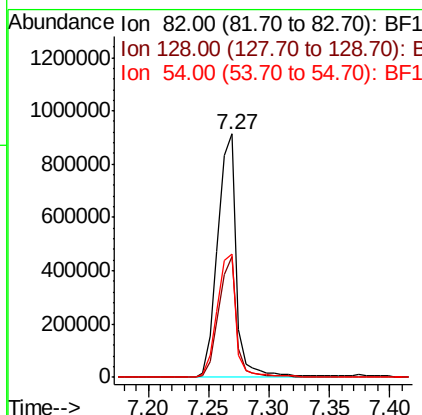
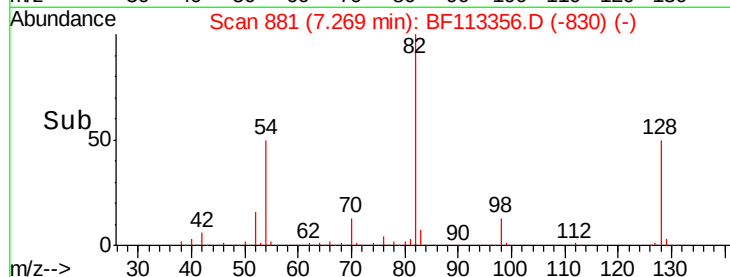
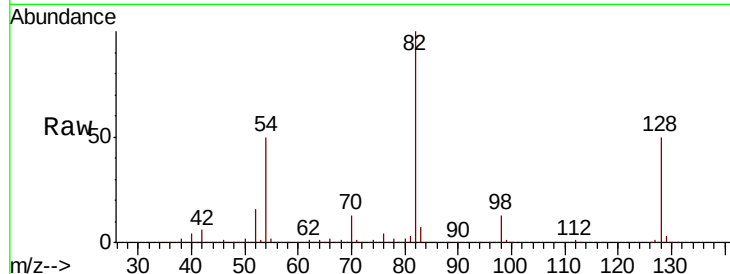




#23
Nitrobenzene-d5
Concen: 92.468 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113356.D
Acq: 28 Mar 2019 4:32

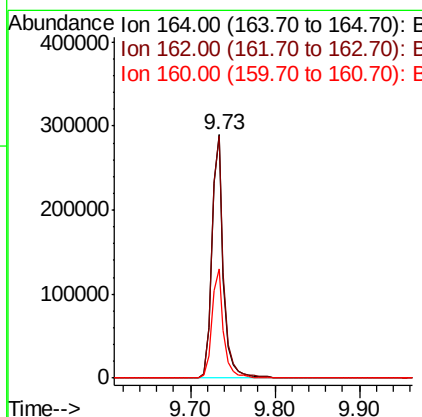
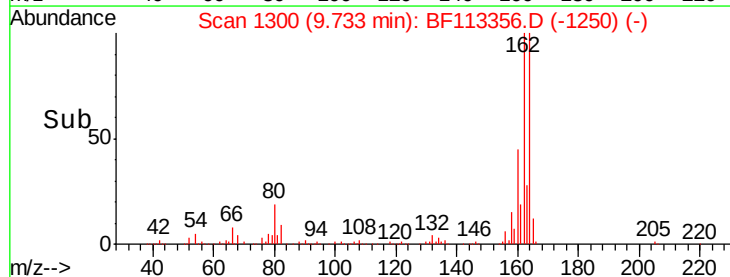
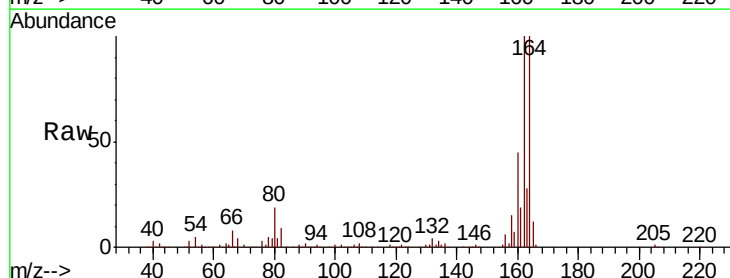
Instrument :
BNA_F
ClientSampleId :
CS-16

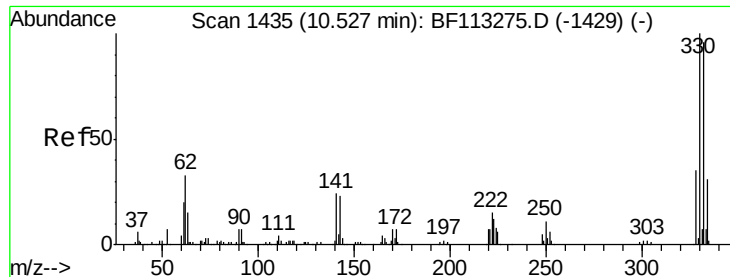
Tot Ion: 82 Resp: 977629
Ion Ratio Lower Upper
82 100
128 49.6 36.5 54.7
54 50.4 42.2 63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113356.D
Acq: 28 Mar 2019 4:32

Tgt Ion: 164 Resp: 279429
Ion Ratio Lower Upper
164 100
162 99.5 81.8 122.6
160 44.8 36.4 54.6

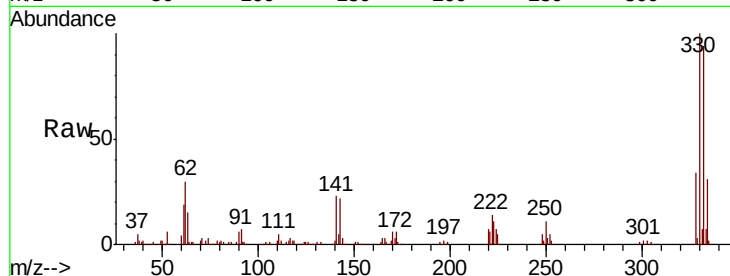




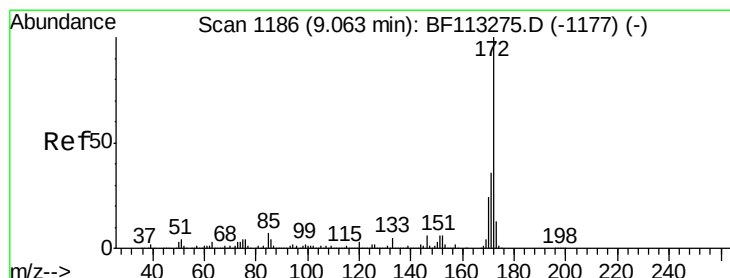
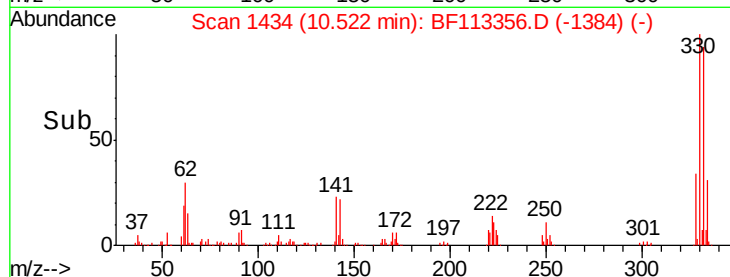
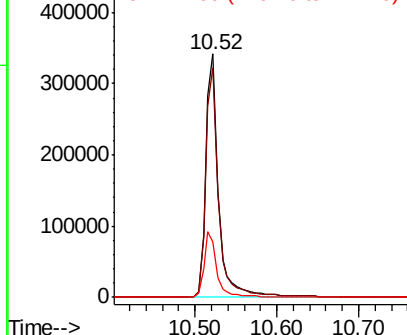
#42
 2,4,6-Tribromophenol
 Concen: 108.728 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113356.D
 Acq: 28 Mar 2019 4:32

Instrument :
 BNA_F
 ClientSampled :
 CS-16

Tot Ion:330 Resp: 375284
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.8 116.6
 141 26.8 22.7 34.1

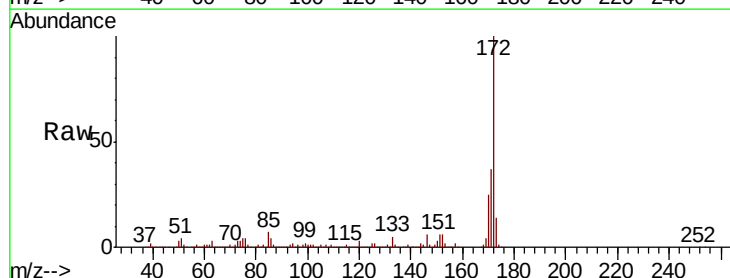


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

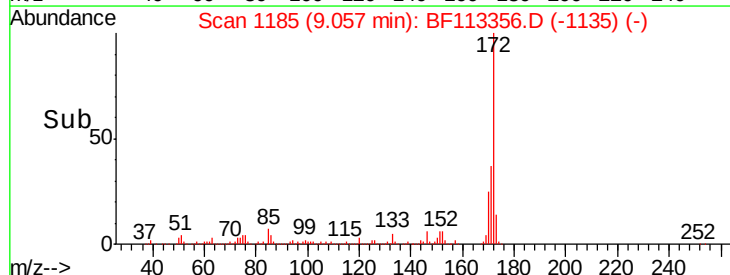
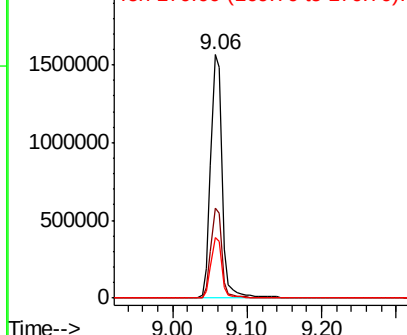


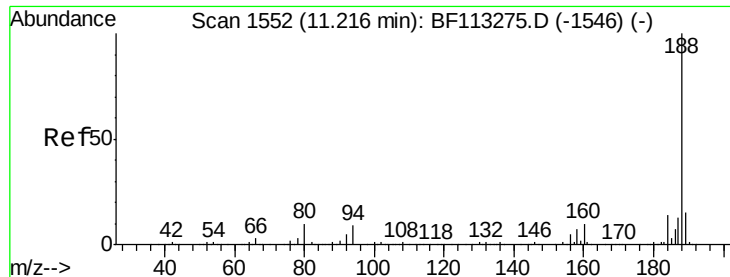
#45
 2-Fluorobiphenyl
 Concen: 97.368 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF113356.D
 Acq: 28 Mar 2019 4:32

Tgt Ion:172 Resp: 1690132
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.6
 170 25.1 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: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF113356.D

Acq: 28 Mar 2019 4:32

Instrument :

BNA_F

ClientSampleId :

CS-16

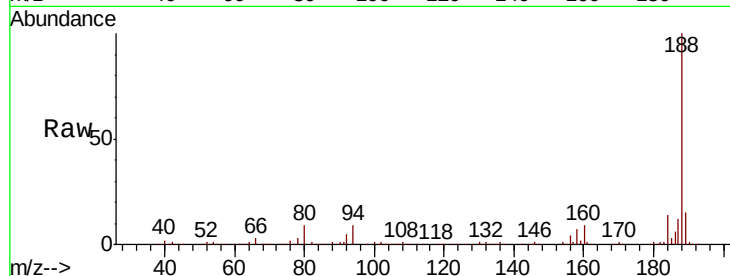
Tot Ion:188 Resp: 488581

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.6

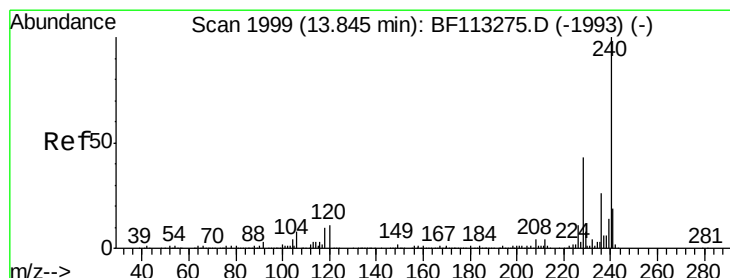
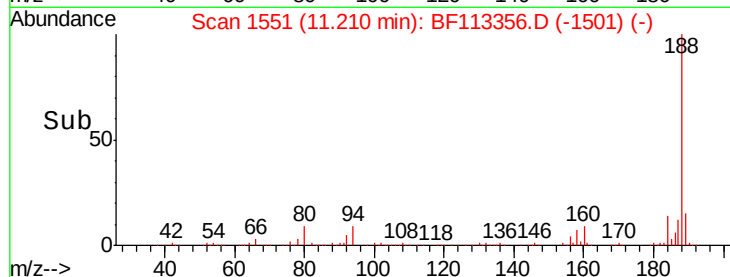
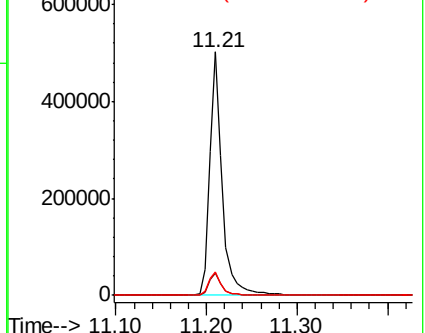
80 9.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF113356.D

Acq: 28 Mar 2019 4:32

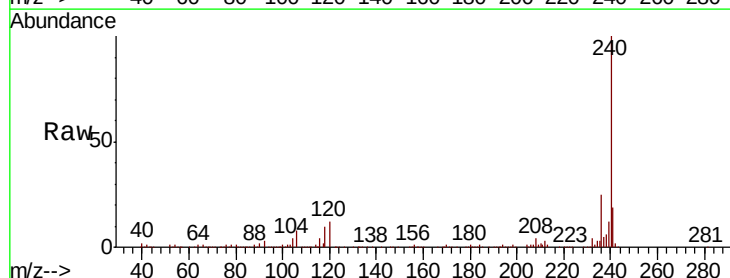
Tgt Ion:240 Resp: 424379

Ion Ratio Lower Upper

240 100

120 12.3 8.8 13.2

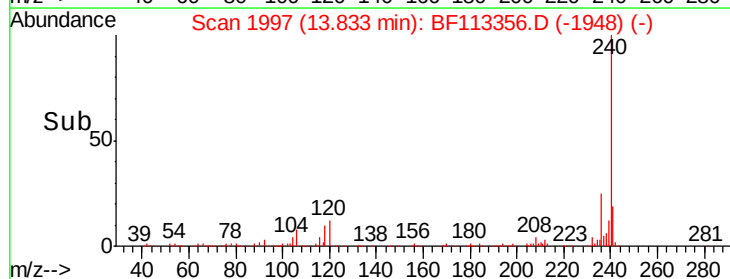
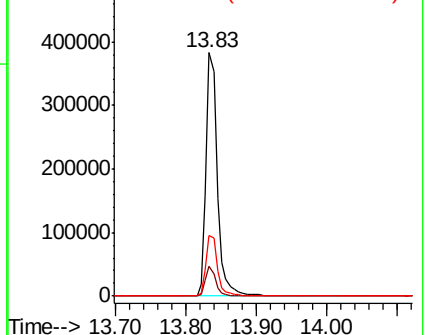
236 25.1 20.9 31.3

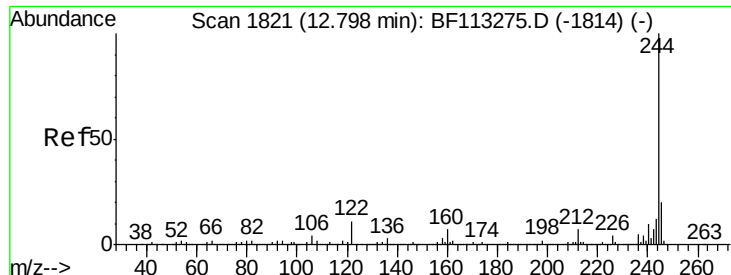


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.096 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113356.D

Acq: 28 Mar 2019 4:32

Instrument :

BNA_F

ClientSampled :

CS-16

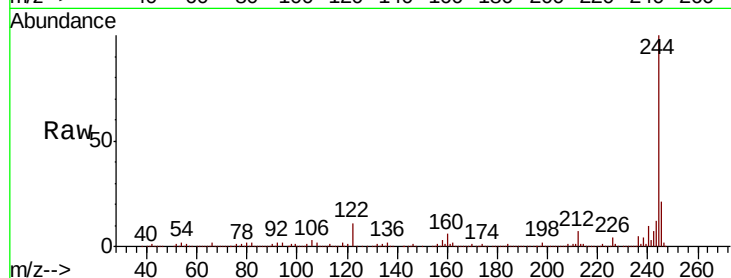
Tot Ion:244 Resp: 1599890

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

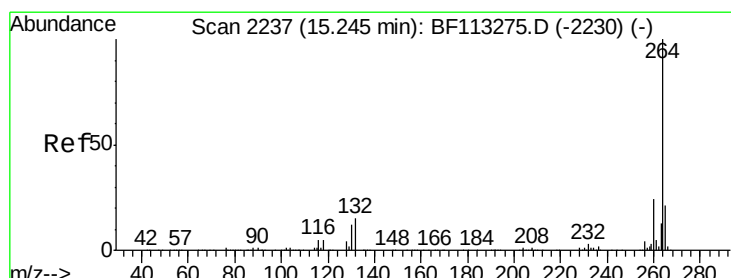
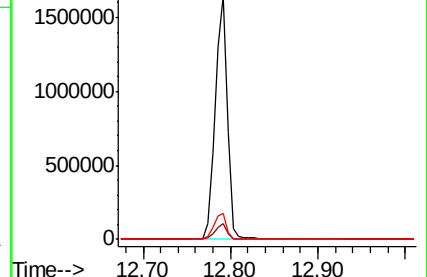
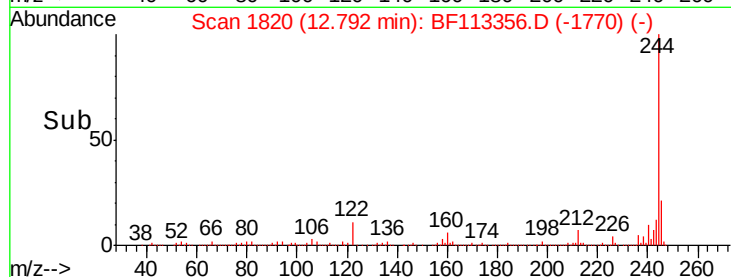
122 10.7 8.6 13.0



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: BF113356.D

Acq: 28 Mar 2019 4:32

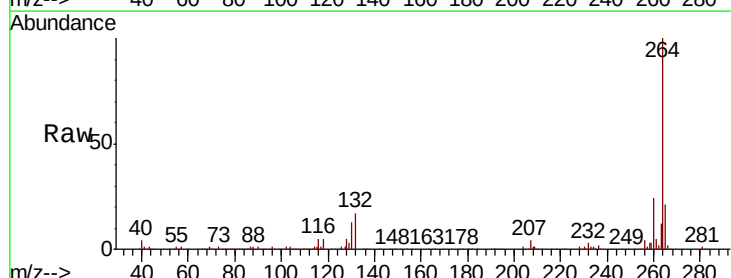
Tgt Ion:264 Resp: 332433

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.3 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

