

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
 Data File : BF113352.D
 Acq On : 28 Mar 2019 2:36
 Operator : JU/SJ
 Sample : K2086-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-12

Quant Time: Mar 28 04:43:06 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

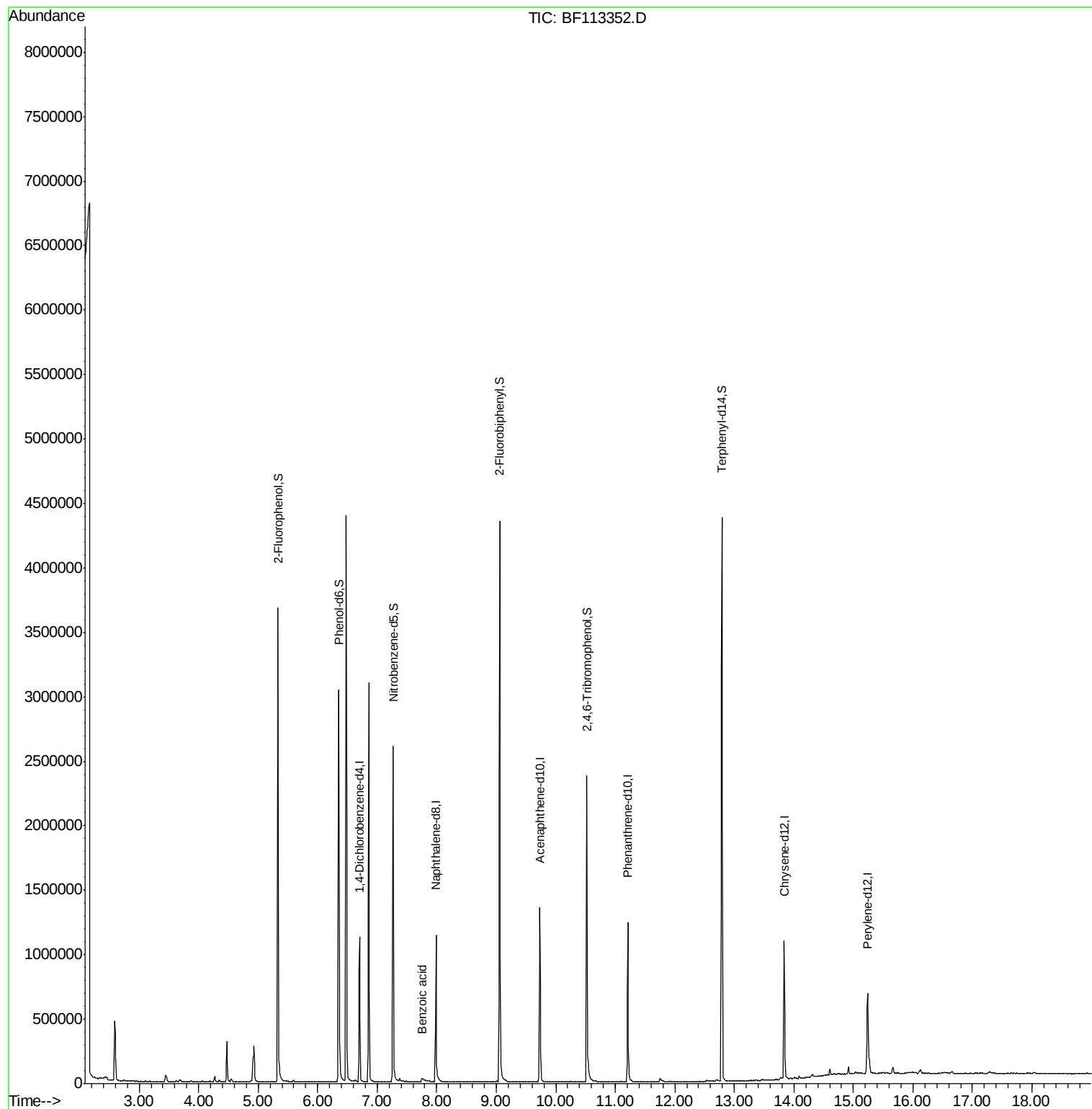
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	176410	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	641514	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	294542	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	516663	20.00	ng	0.00
76) Chrysene-d12	13.84	240	423812	20.00	ng	0.00
87) Perylene-d12	15.24	264	348247	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1133414	105.05	ng	0.02
7) Phenol-d6	6.36	99	1319234	96.66	ng	0.00
23) Nitrobenzene-d5	7.27	82	973280	90.05	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	404403	111.15	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1660047	89.21	ng	0.00
79) Terphenyl-d14	12.79	244	1581165	82.23	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.75	122	25349	3.672	ng	94

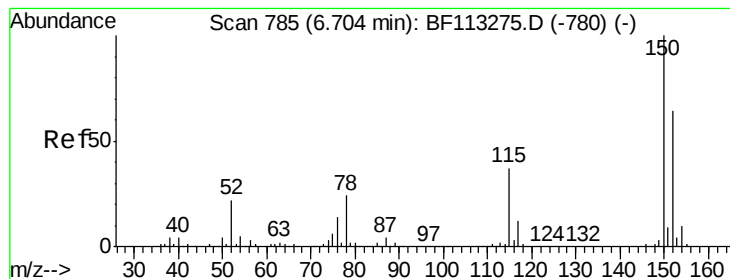
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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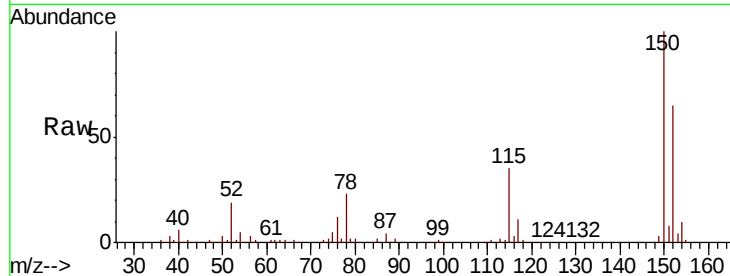


#1

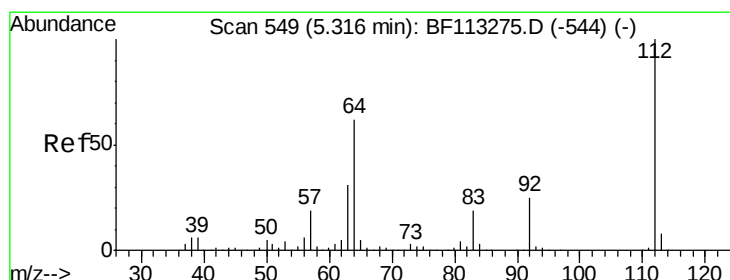
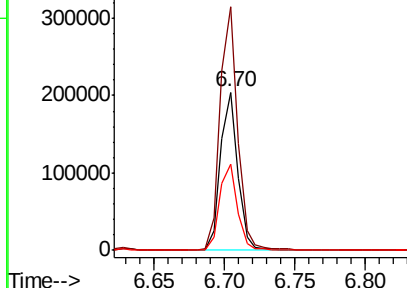
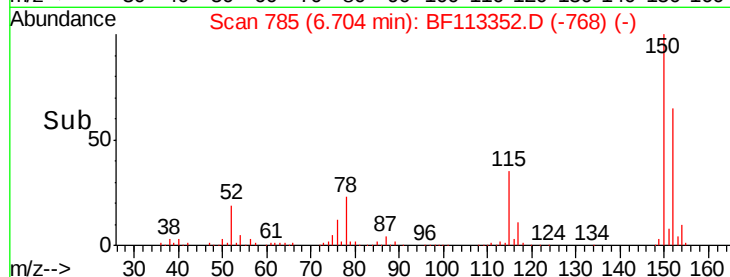
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113352.D
Acq: 28 Mar 2019 2:36

Instrument :
BNA_F
ClientSampleId :
CS-12

Tot Ion:152 Resp: 176410
Ion Ratio Lower Upper
152 100
150 154.2 124.7 187.1
115 54.7 46.0 69.0



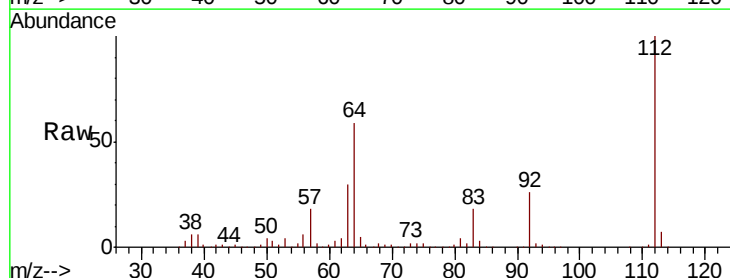
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



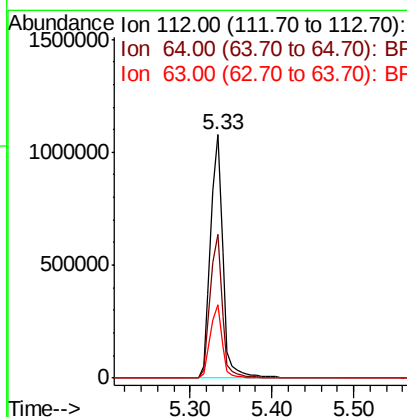
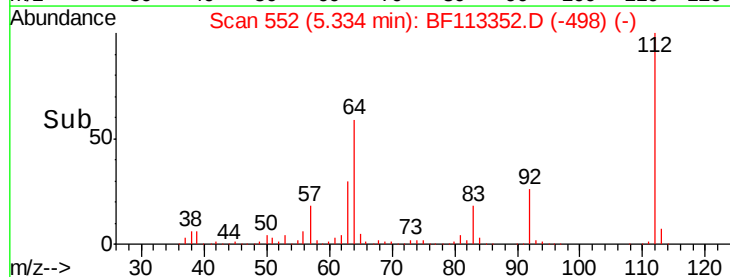
#5

2-Fluorophenol
Concen: 105.055 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.02 min
Lab File: BF113352.D
Acq: 28 Mar 2019 2:36

Tgt Ion:112 Resp: 1133414
Ion Ratio Lower Upper
112 100
64 59.3 49.2 73.8
63 30.0 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: 96.658 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113352.D

Acq: 28 Mar 2019 2:36

Instrument :

BNA_F

ClientSampleId :

CS-12

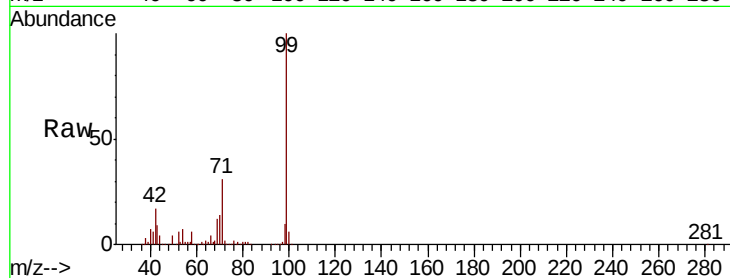
Tot Ion: 99 Resp: 1319234

Ion Ratio Lower Upper

99 100

42 17.0 14.8 22.2

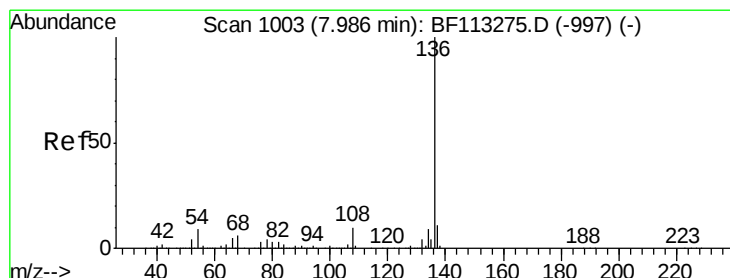
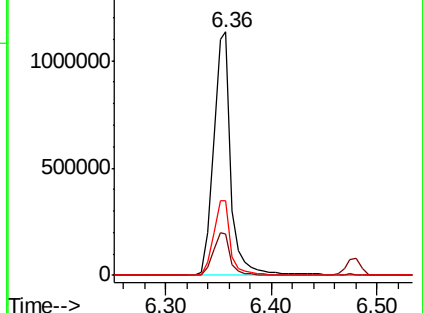
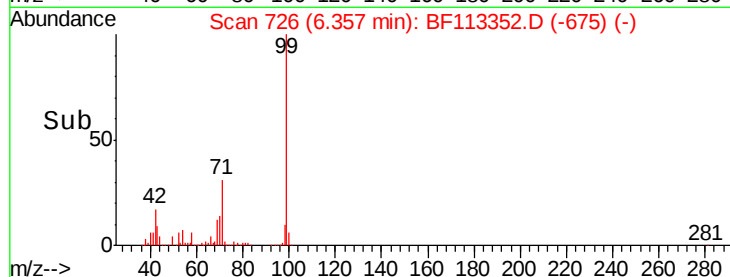
71 30.6 24.9 37.3



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: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF113352.D

Acq: 28 Mar 2019 2:36

Tgt Ion: 136 Resp: 641514

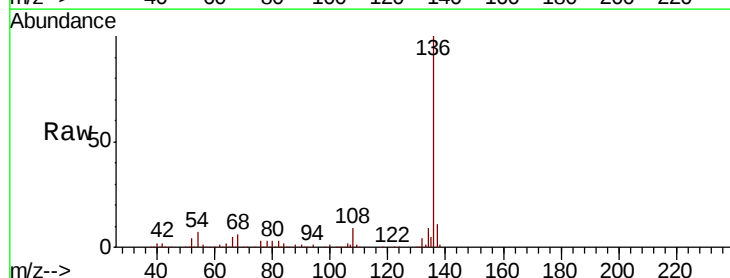
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.4 7.0 10.6

68 5.8 4.8 7.2

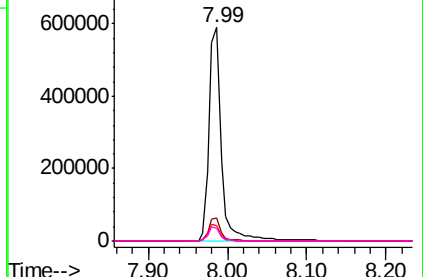
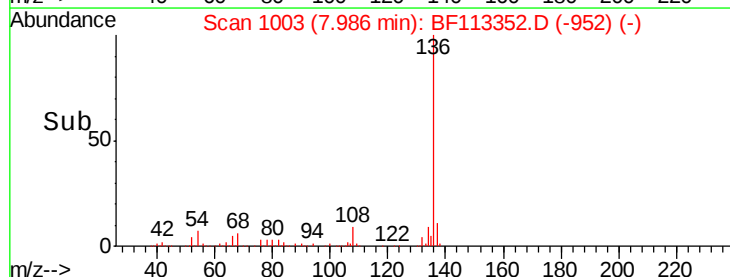


Abundance Ion 136.00 (135.70 to 136.70): E

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

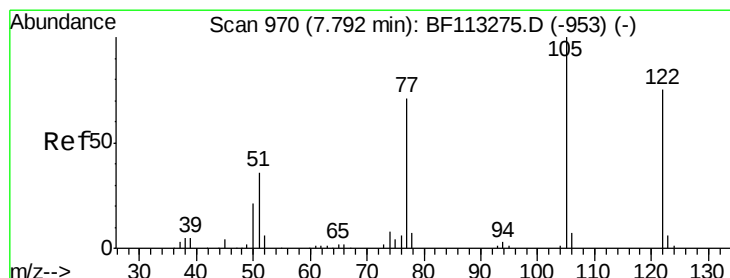
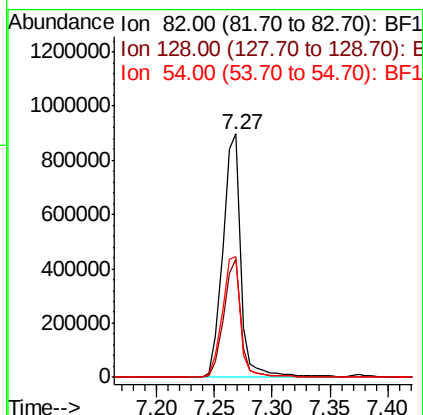
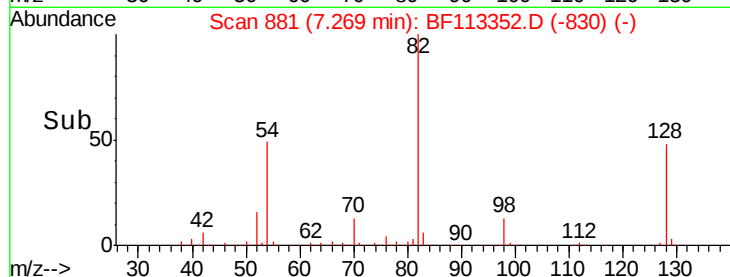
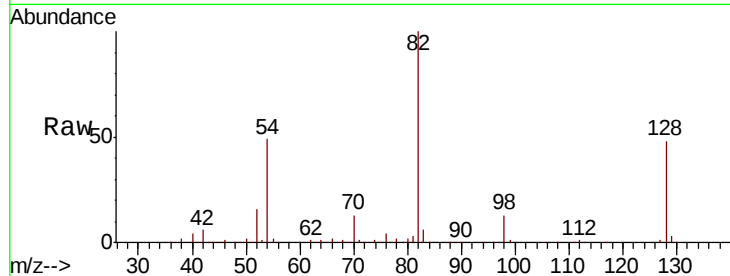




#23
 Nitrobenzene-d5
 Concen: 90.050 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113352.D
 Acq: 28 Mar 2019 2:36

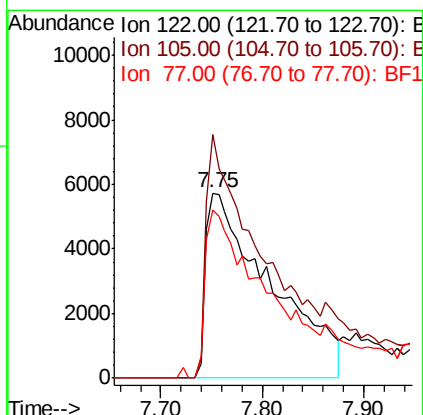
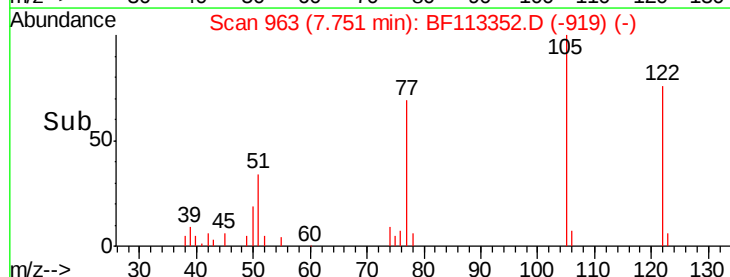
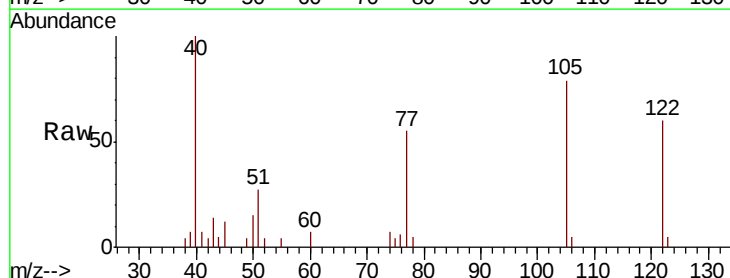
Instrument :
 BNA_F
 ClientSampleId :
 CS-12

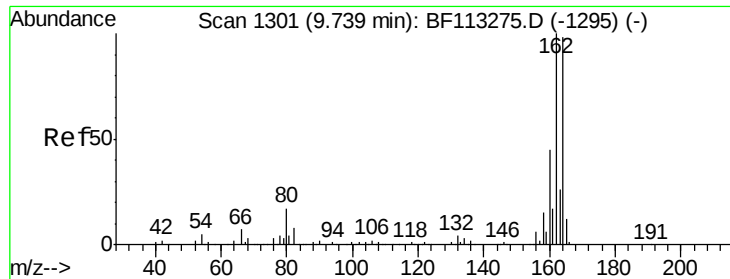
Tot Ion: 82 Resp: 973280
 Ion Ratio Lower Upper
 82 100
 128 48.3 36.5 54.7
 54 49.4 42.2 63.2



#32
 Benzoic acid
 Concen: 3.672 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.04 min
 Lab File: BF113352.D
 Acq: 28 Mar 2019 2:36

Tgt Ion: 122 Resp: 25349
 Ion Ratio Lower Upper
 122 100
 105 131.5 100.4 140.4
 77 90.5 69.0 109.0

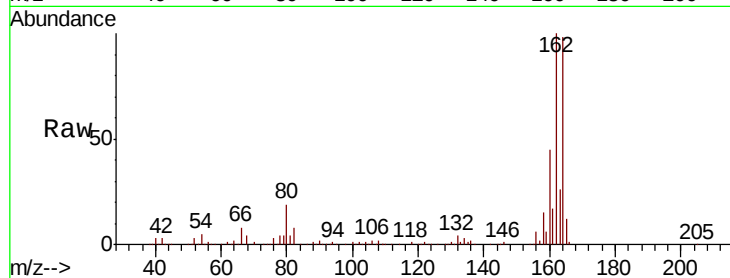




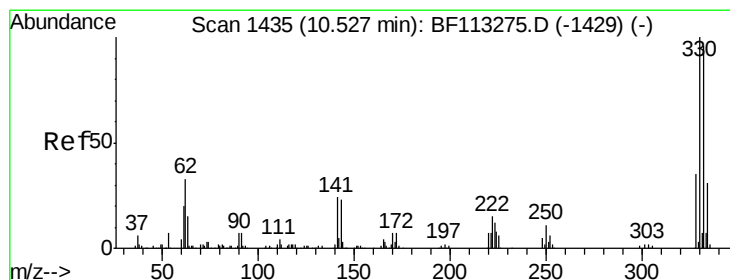
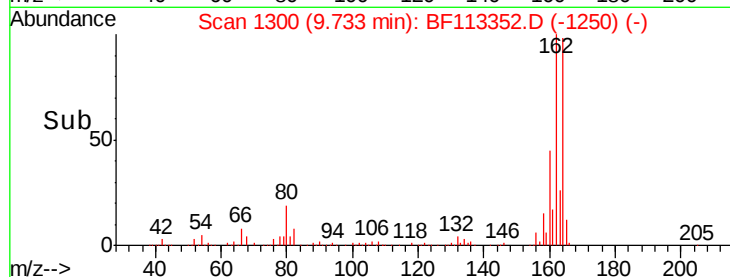
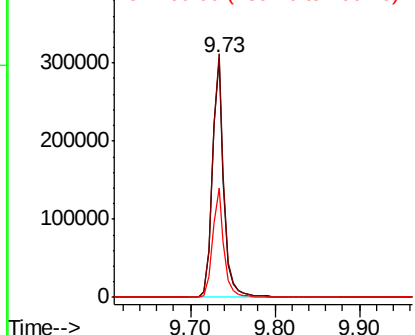
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113352.D
 Acq: 28 Mar 2019 2:36

Instrument :
 BNA_F
 ClientSampleId :
 CS-12

Tot Ion:164 Resp: 294542
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.8 122.6
 160 45.5 36.4 54.6

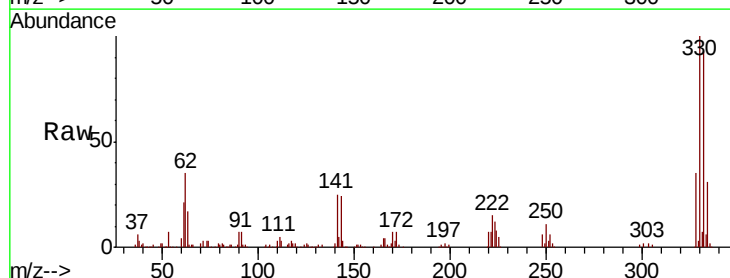


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

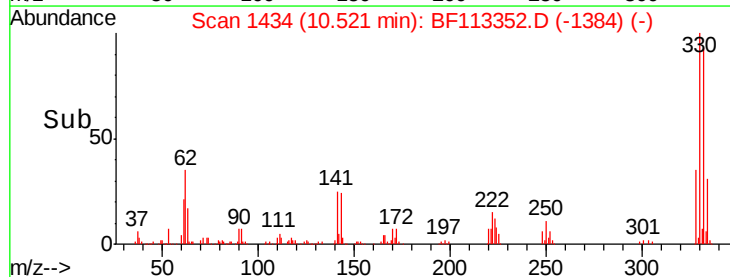
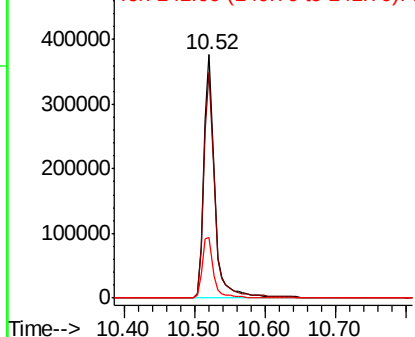


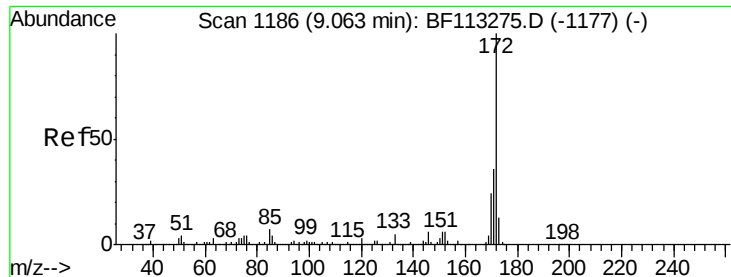
#42
 2,4,6-Tribromophenol
 Concen: 111.153 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113352.D
 Acq: 28 Mar 2019 2:36

Tgt Ion:330 Resp: 404403
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.8 116.6
 141 27.2 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



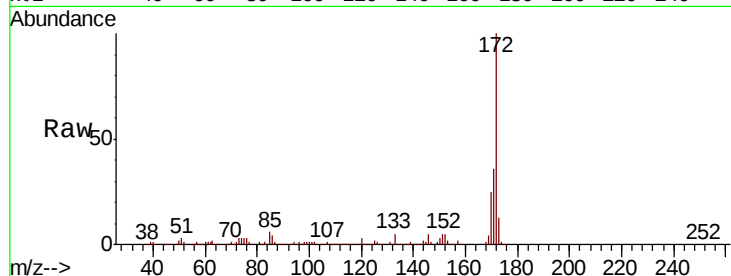


#45
 2-Fluorobiphenyl
 Concen: 89.210 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113352.D
 Acq: 28 Mar 2019 2:36

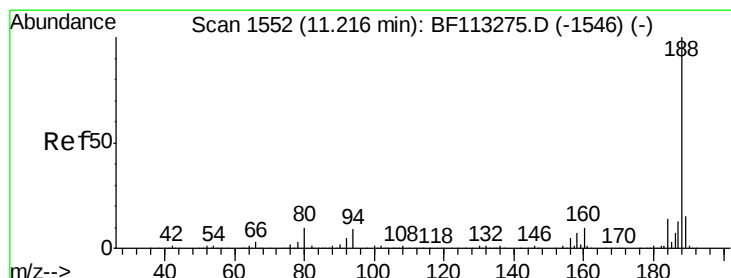
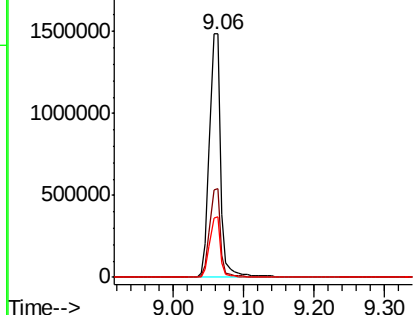
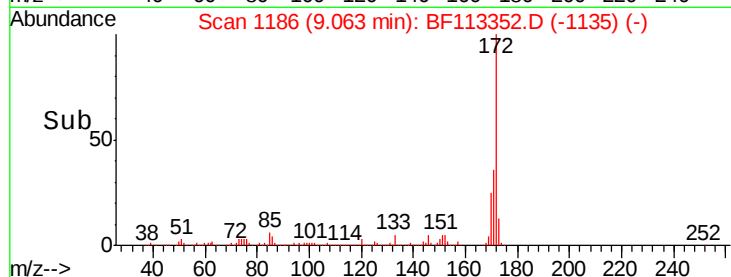
Instrument :
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 CS-12

Tot Ion:172 Resp: 1660047

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.7	19.5	29.3



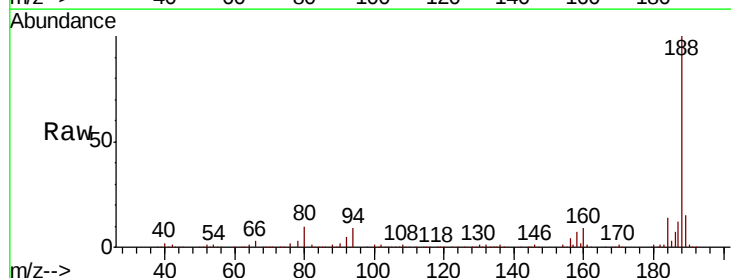
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



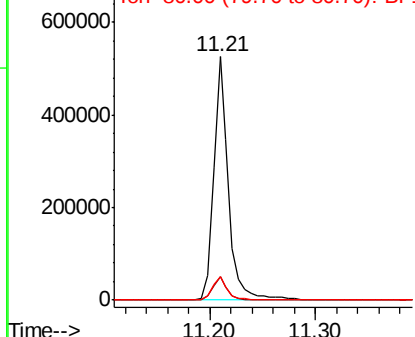
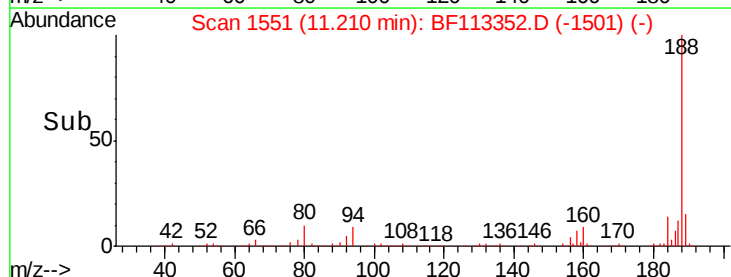
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113352.D
 Acq: 28 Mar 2019 2:36

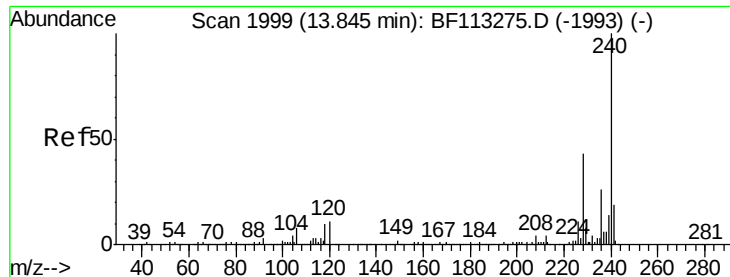
Tgt Ion:188 Resp: 516663

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.0	10.6
80	9.9	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

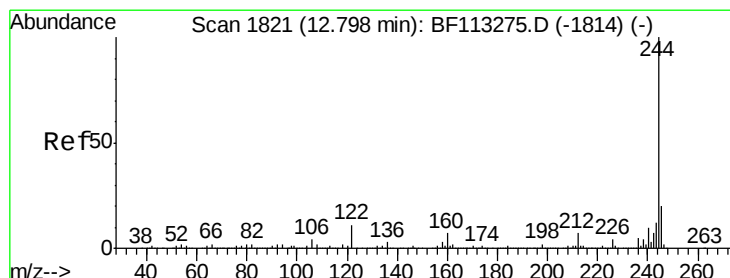
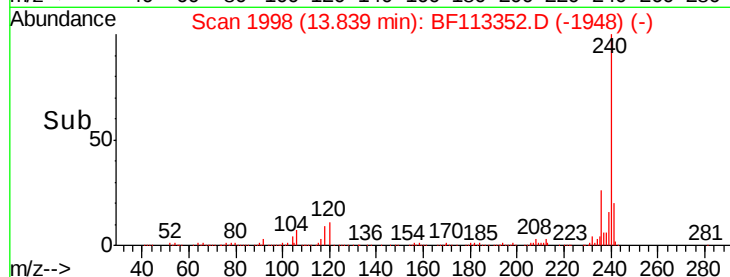
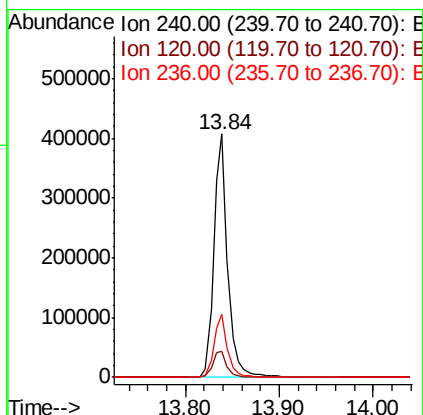
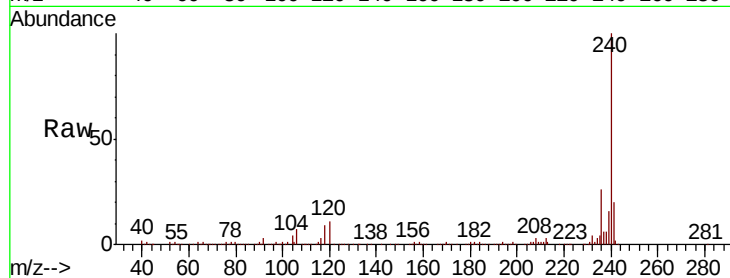




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113352.D
 Acq: 28 Mar 2019 2:36

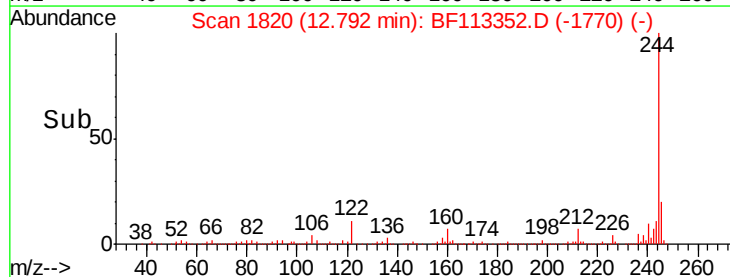
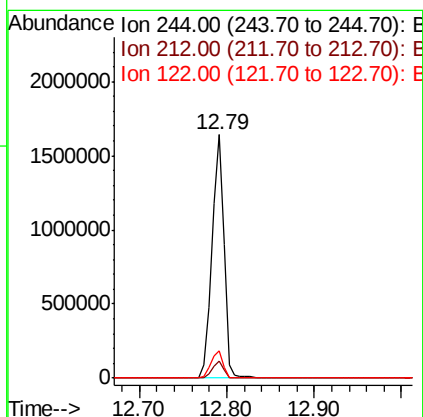
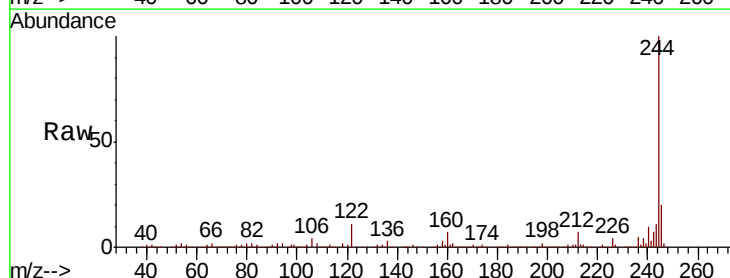
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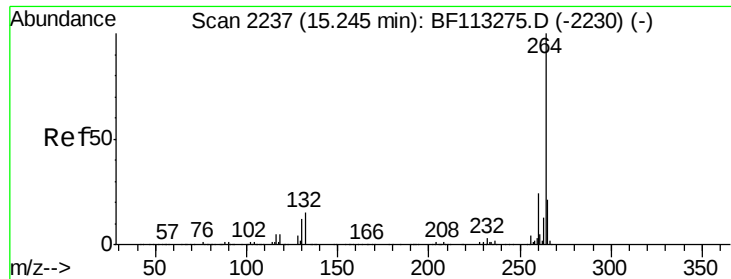
Tot Ion:240 Resp: 423812
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.8 13.2
 236 25.7 20.9 31.3



#79
 Terphenyl-d14
 Concen: 82.233 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF113352.D
 Acq: 28 Mar 2019 2:36

Tgt Ion:244 Resp: 1581165
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.2 8.6 13.0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF113352.D
 Acq: 28 Mar 2019 2:36

Instrument :
 BNA_F
 ClientSampleId :
 CS-12

Tot Ion: 264 Resp: 348247
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.1 28.7
 265 22.1 17.1 25.7

