

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
 Data File : BF113035.D
 Acq On : 13 Mar 2019 18:27
 Operator : JU/SJ
 Sample : K1863-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MCH-CAULK

Quant Time: Mar 14 02:13:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

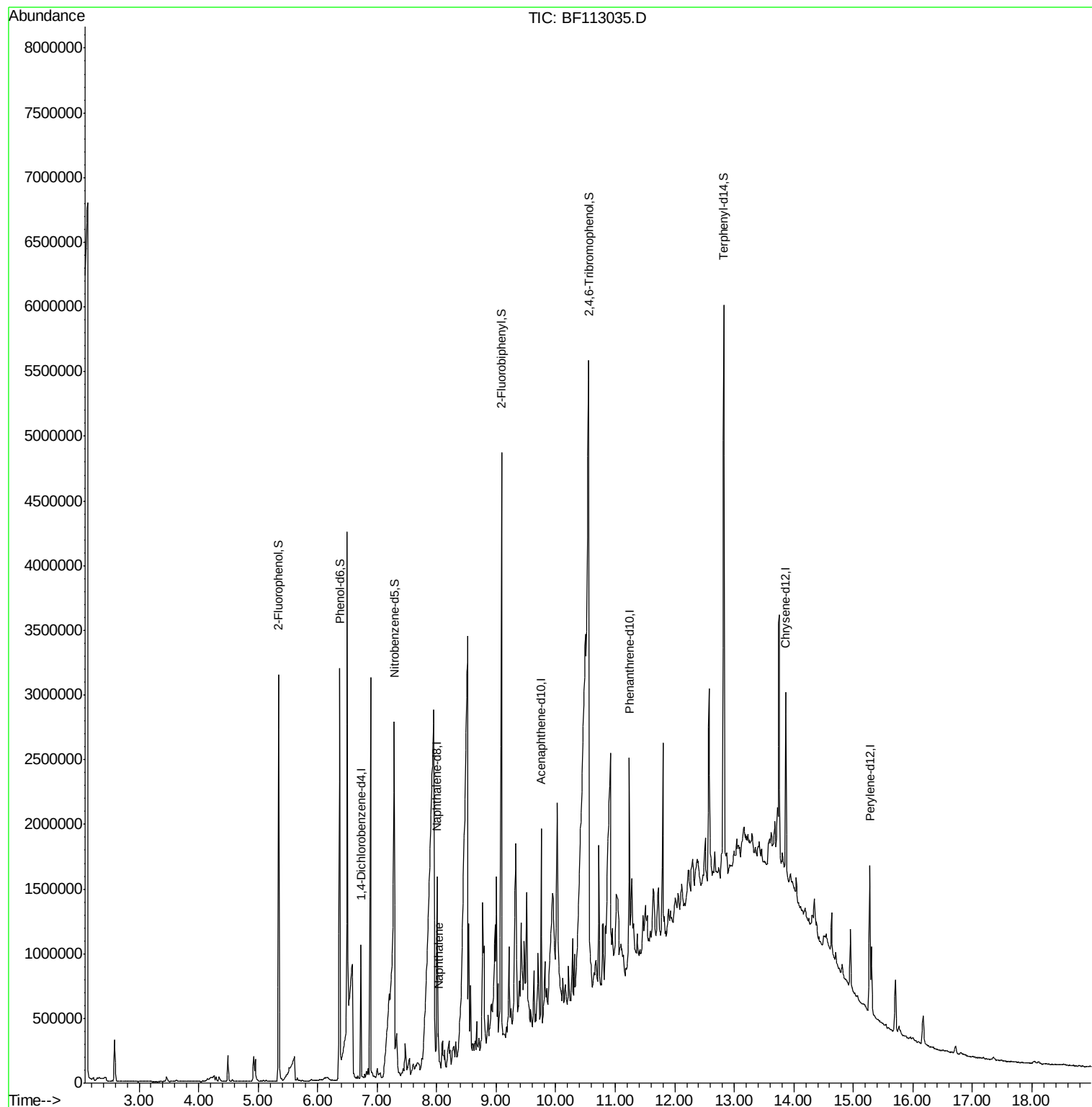
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	149540	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	561803	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	289752	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	597479	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	495893	20.00	ng	0.00
87) Perylene-d12	15.27	264	547866	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	985005	102.46	ng	0.00
7) Phenol-d6	6.37	99	1168442	96.76	ng	0.00
23) Nitrobenzene-d5	7.29	82	860765	91.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	411067	133.63	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1579444	92.45	ng	0.00
79) Terphenyl-d14	12.82	244	1891178	73.93	ng	0.00
Target Compounds						
31) Naphthalene	8.03	128	60709	2.177	ng	Qvalue 99

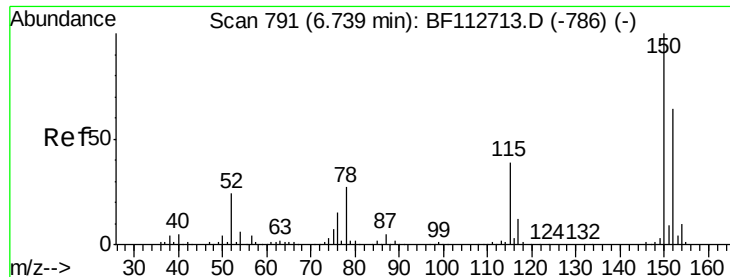
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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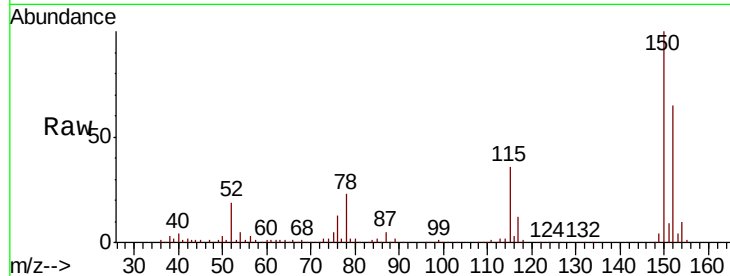


#1

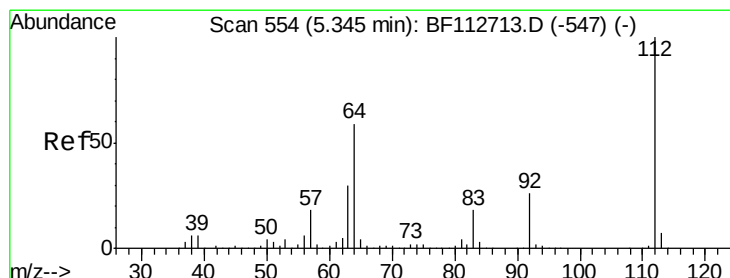
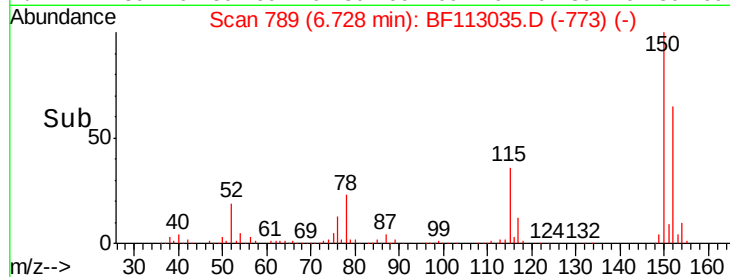
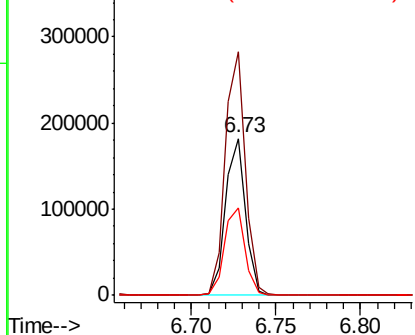
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF113035.D
 Acq: 13 Mar 2019 18:27

Instrument :
 BNA_F
 ClientSampleId :
 MCH-CAULK

Tot Ion:152 Resp: 149540
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.2 186.2
 115 55.8 48.2 72.4



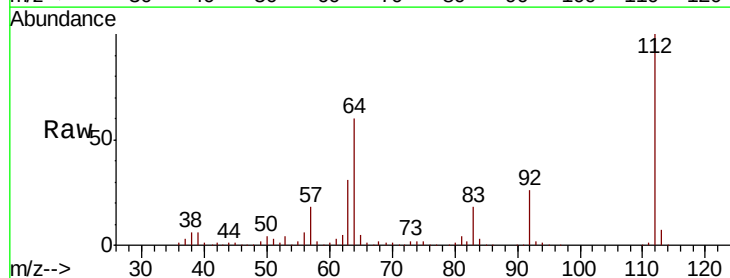
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



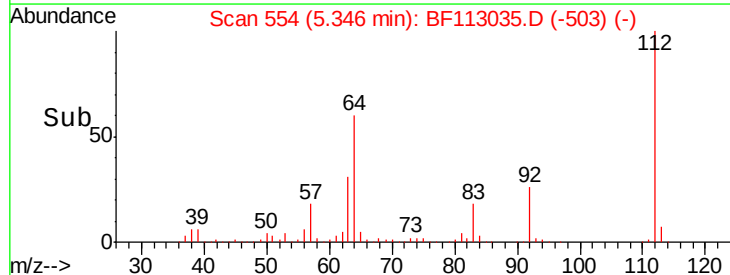
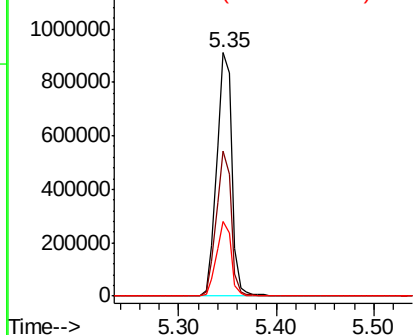
#5

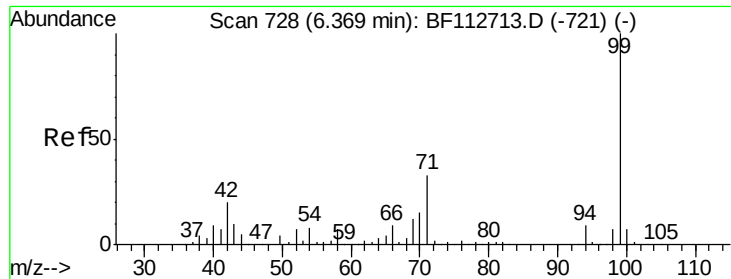
2-Fluorophenol
 Concen: 102.462 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF113035.D
 Acq: 13 Mar 2019 18:27

Tgt Ion:112 Resp: 985005
 Ion Ratio Lower Upper
 112 100
 64 59.8 47.6 71.4
 63 30.7 24.4 36.6



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: 96.758 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113035.D

Acq: 13 Mar 2019 18:27

Instrument :

BNA_F

ClientSampleId :

MCH-CAULK

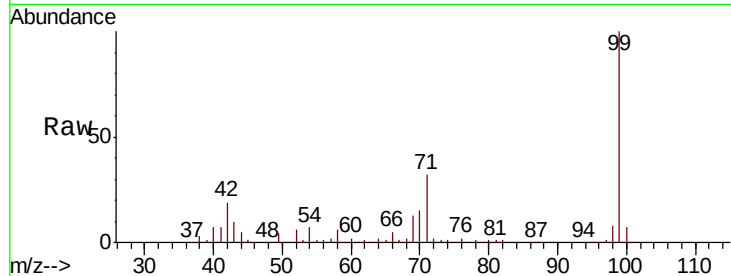
Tot Ion: 99 Resp: 1168442

Ion Ratio Lower Upper

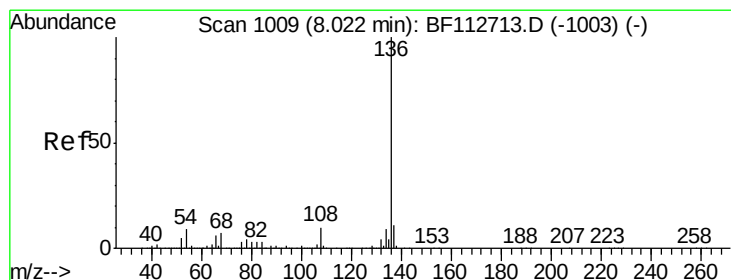
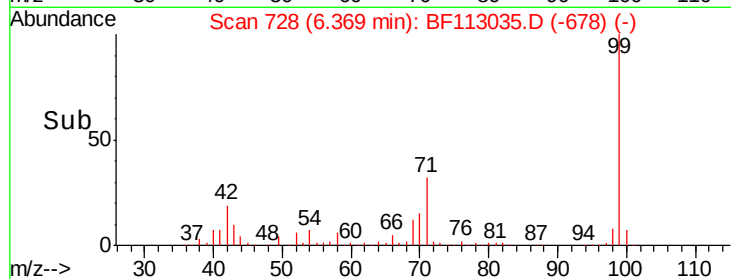
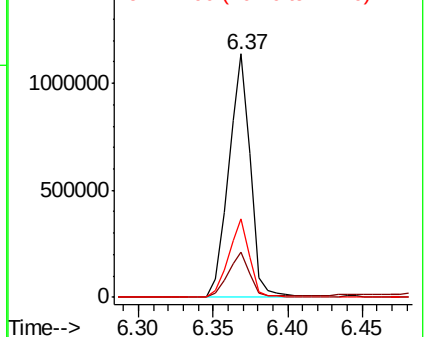
99 100

42 18.7 16.3 24.5

71 32.1 26.2 39.4



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: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113035.D

Acq: 13 Mar 2019 18:27

Tgt Ion: 136 Resp: 561803

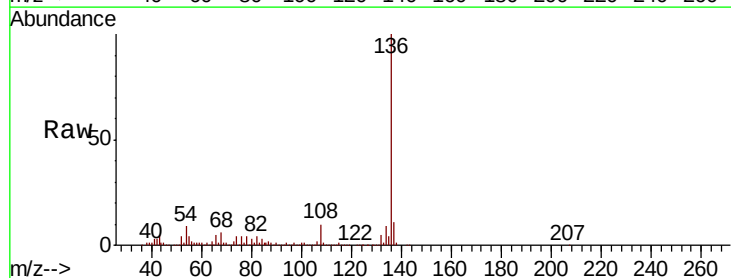
Ion Ratio Lower Upper

136 100

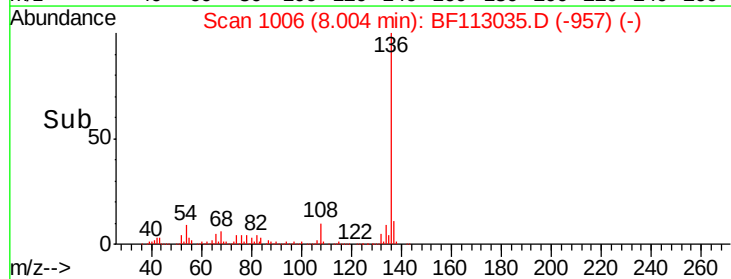
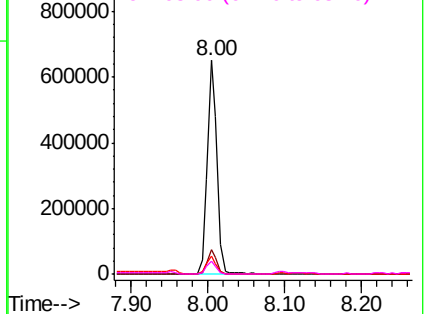
137 11.2 8.9 13.3

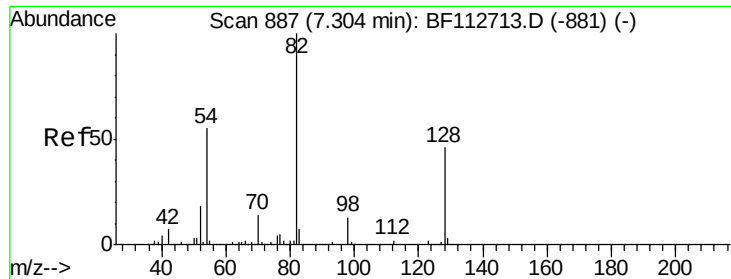
54 8.7 7.3 10.9

68 6.3 5.4 8.2



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

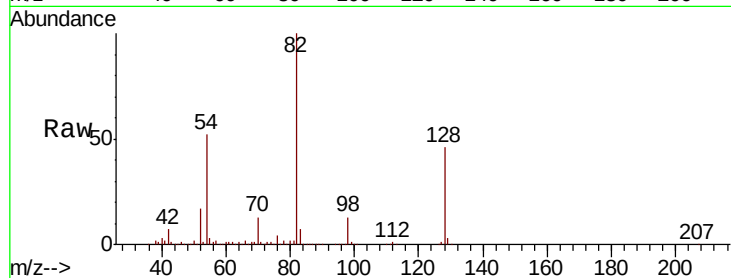




#23
Nitrobenzene-d5
Concen: 91.681 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113035.D
Acq: 13 Mar 2019 18:27

Instrument :
BNA_F
ClientSampleId :
MCH-CAULK

Tot Ion	82	Resp	860765
Ion Ratio	Lower	Upper	
82	100		
128	46.3	36.3	54.5
54	52.3	43.7	65.5

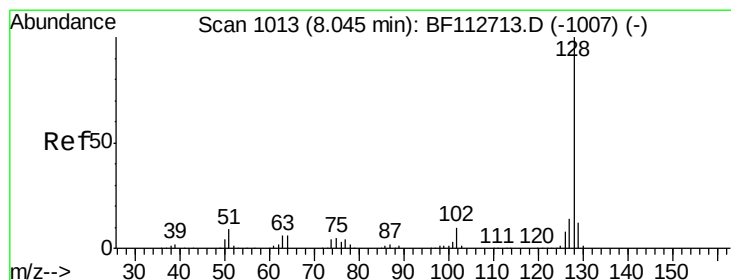
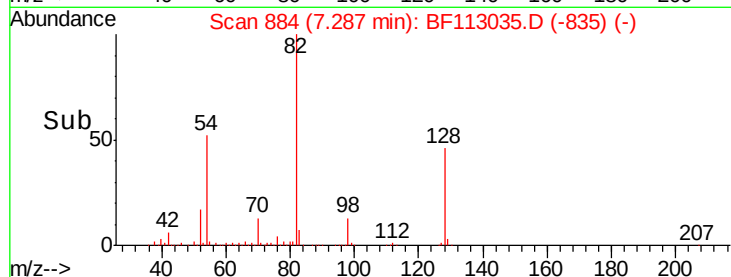
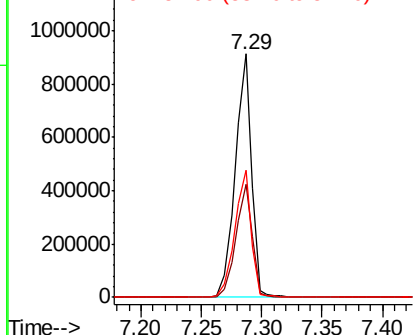


Abundance

Ion 82.00 (81.70 to 82.70): BF1

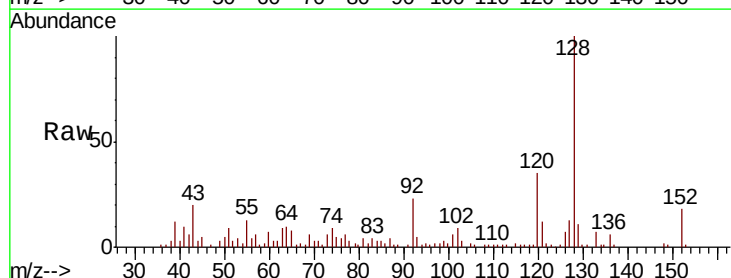
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#31
Naphthalene
Concen: 2.177 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF113035.D
Acq: 13 Mar 2019 18:27

Tgt Ion	128	Resp	60709
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
128	100		
129	11.0	9.3	13.9
127	13.0	10.9	16.3

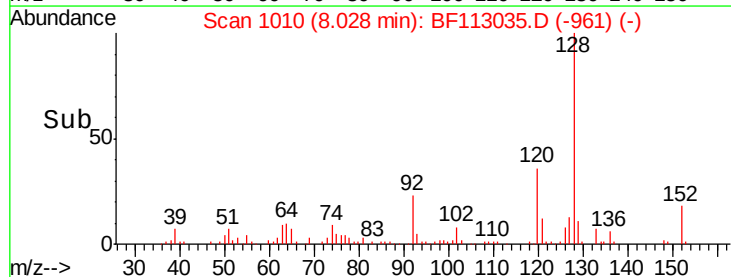
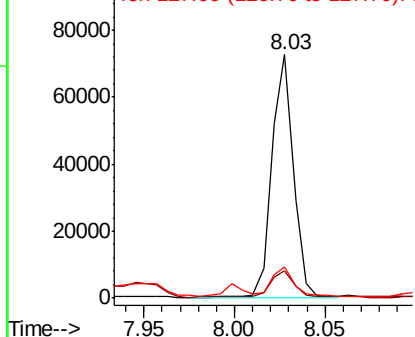


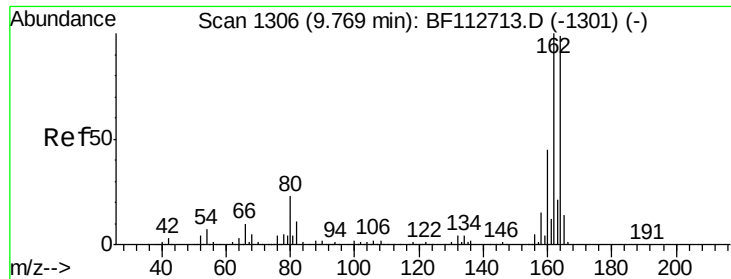
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

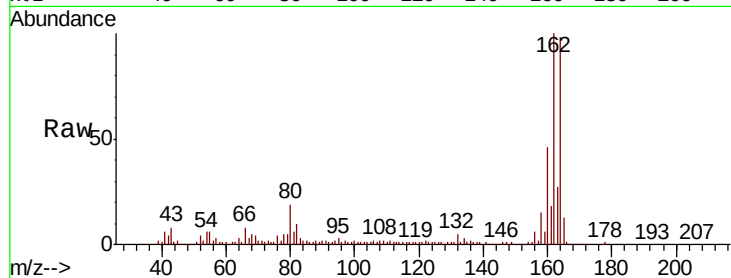




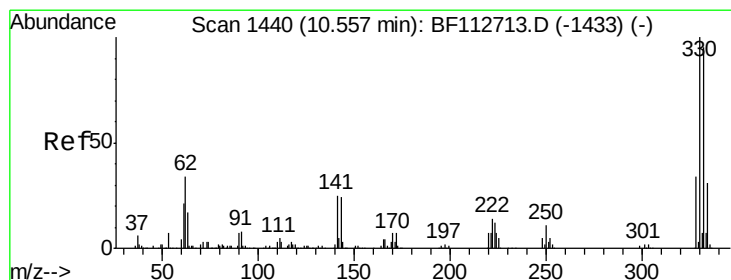
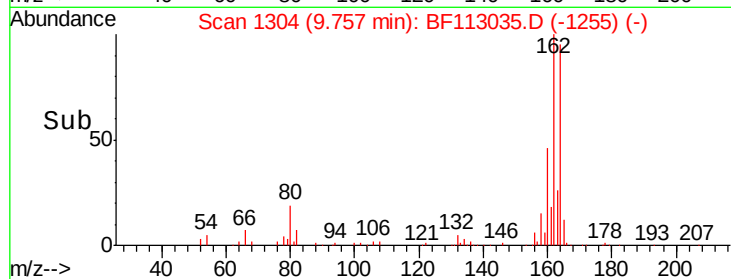
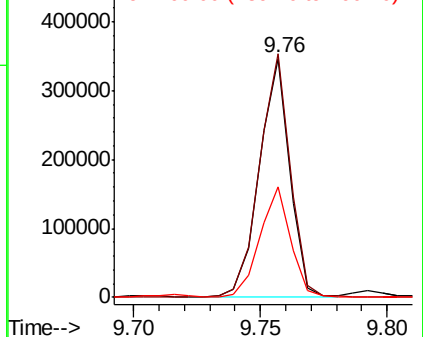
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF113035.D
 Acq: 13 Mar 2019 18:27

Instrument :
 BNA_F
 ClientSampleId :
 MCH-CAULK

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	120.8
160	46.4	36.0	54.0

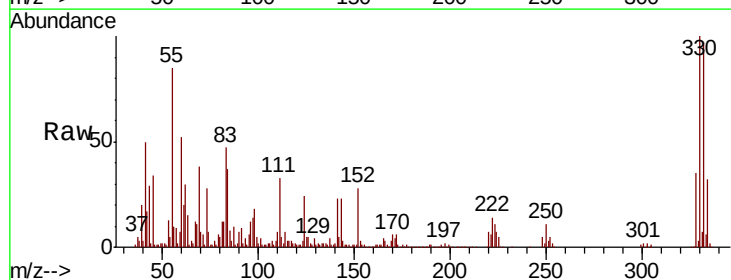


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

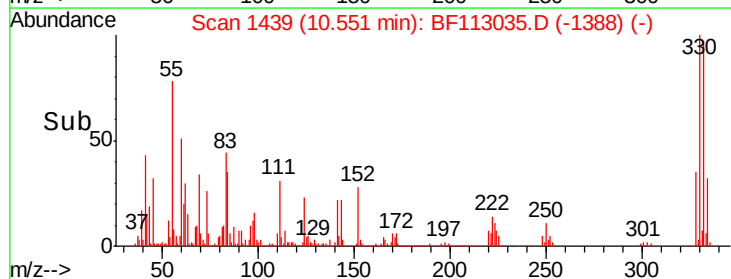
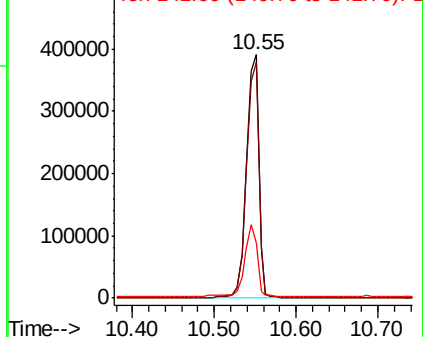


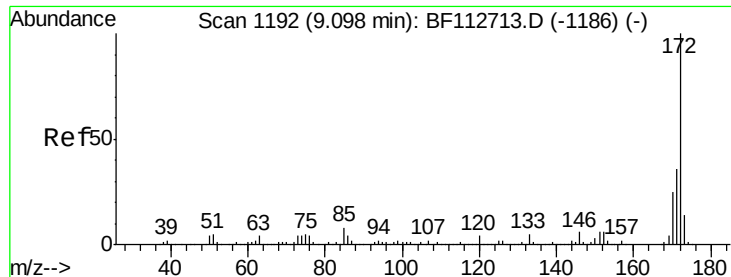
#42
 2,4,6-Tribromophenol
 Concen: 133.633 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF113035.D
 Acq: 13 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.2	114.4
141	28.2	27.0	40.6



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



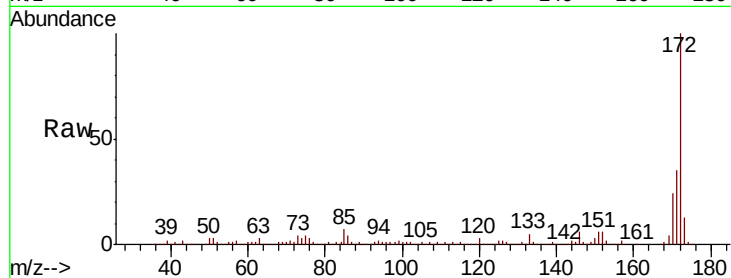


#45
 2-Fluorobiphenyl
 Concen: 92.450 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113035.D
 Acq: 13 Mar 2019 18:27

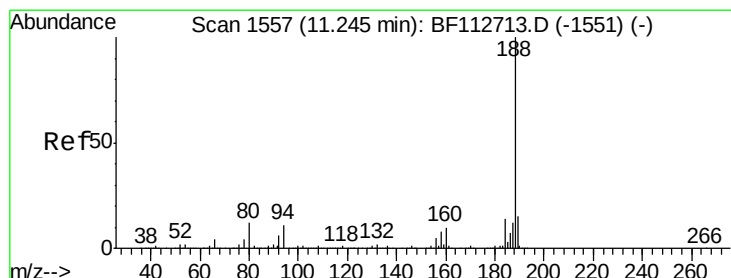
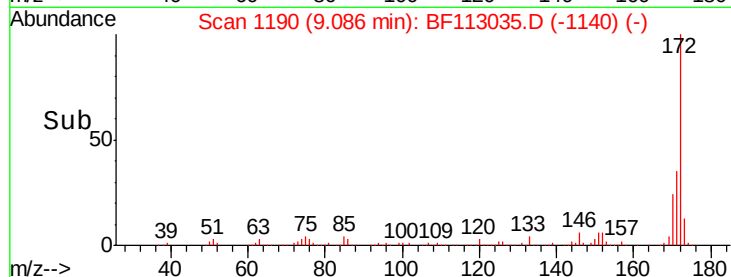
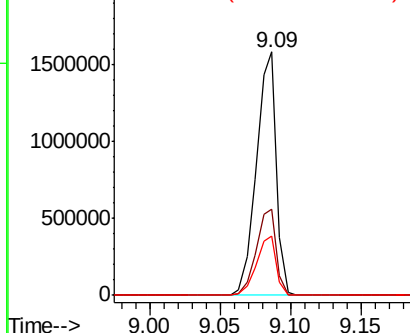
Instrument :
 BNA_F
 ClientSampleId :
 MCH-CAULK

Tot Ion:172 Resp: 1579444

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.4
170	24.4	20.0	30.0



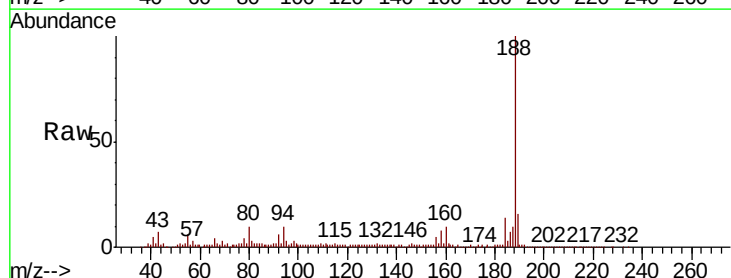
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



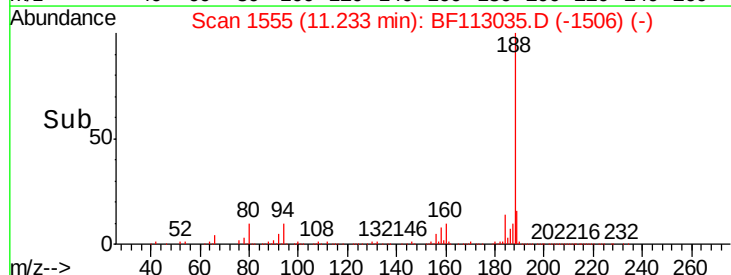
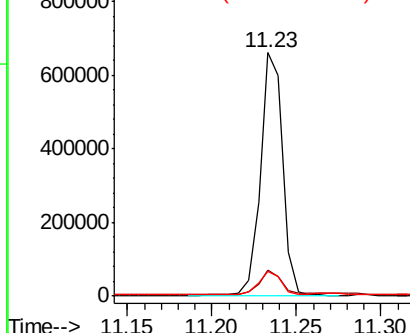
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF113035.D
 Acq: 13 Mar 2019 18:27

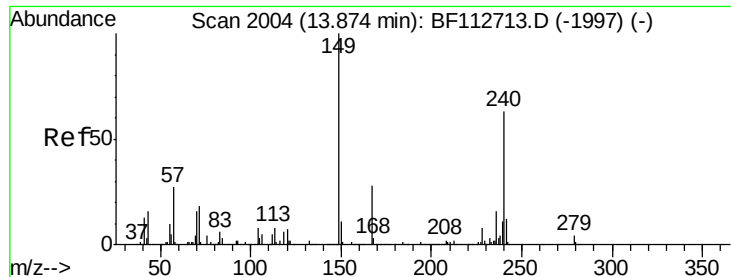
Tgt Ion:188 Resp: 597479

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.0	13.4
80	10.4	9.2	13.8



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: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113035.D

Acq: 13 Mar 2019 18:27

Instrument :

BNA_F

ClientSampleId :

MCH-CAULK

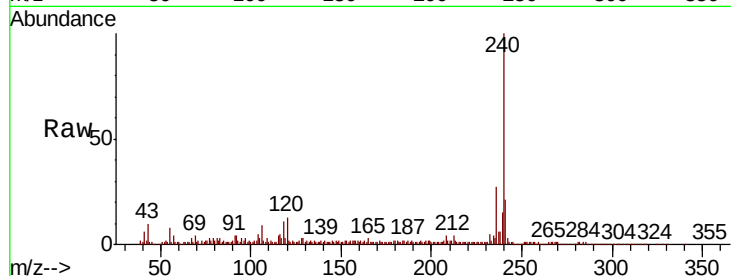
Tot Ion:240 Resp: 495893

Ion Ratio Lower Upper

240 100

120 12.6 8.9 13.3

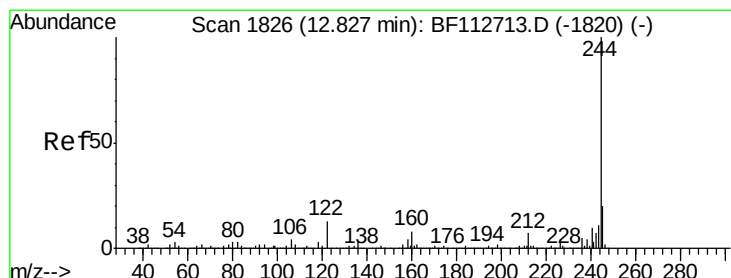
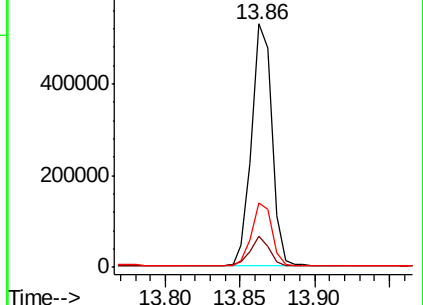
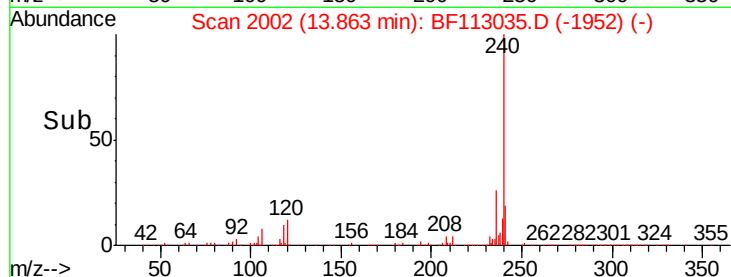
236 26.6 20.7 31.1



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: 73.928 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF113035.D

Acq: 13 Mar 2019 18:27

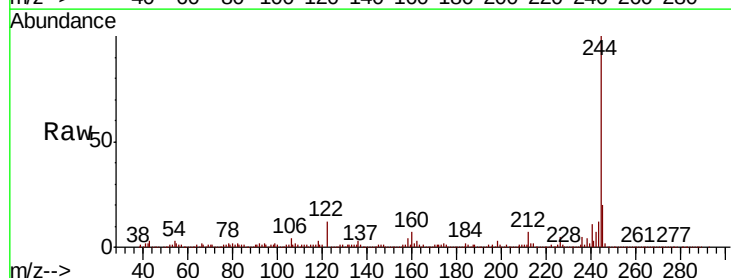
Tgt Ion:244 Resp: 1891178

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

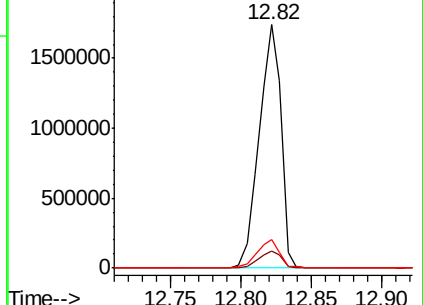
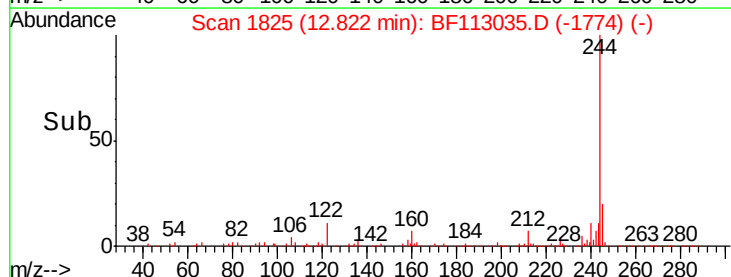
122 11.8 10.5 15.7

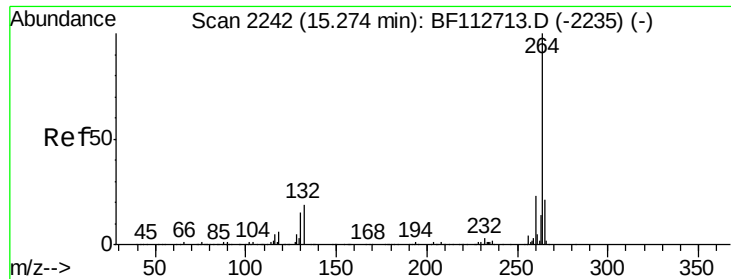


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

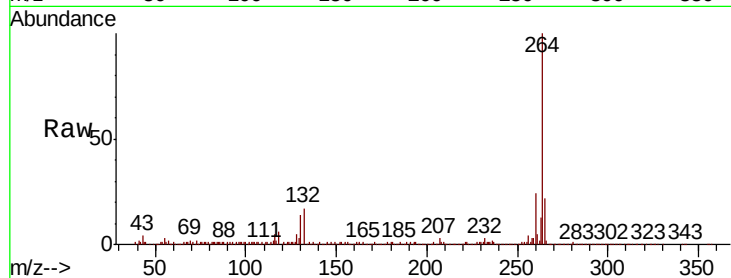




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BF113035.D
Acq: 13 Mar 2019 18:27

Instrument :
BNA_F
ClientSampleId :
MCH-CAULK

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	22.1	17.2	25.8



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

