

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
 Data File : BF111849.D
 Acq On : 4 Jan 2019 17:19
 Operator : JU/SJ
 Sample : K1018-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

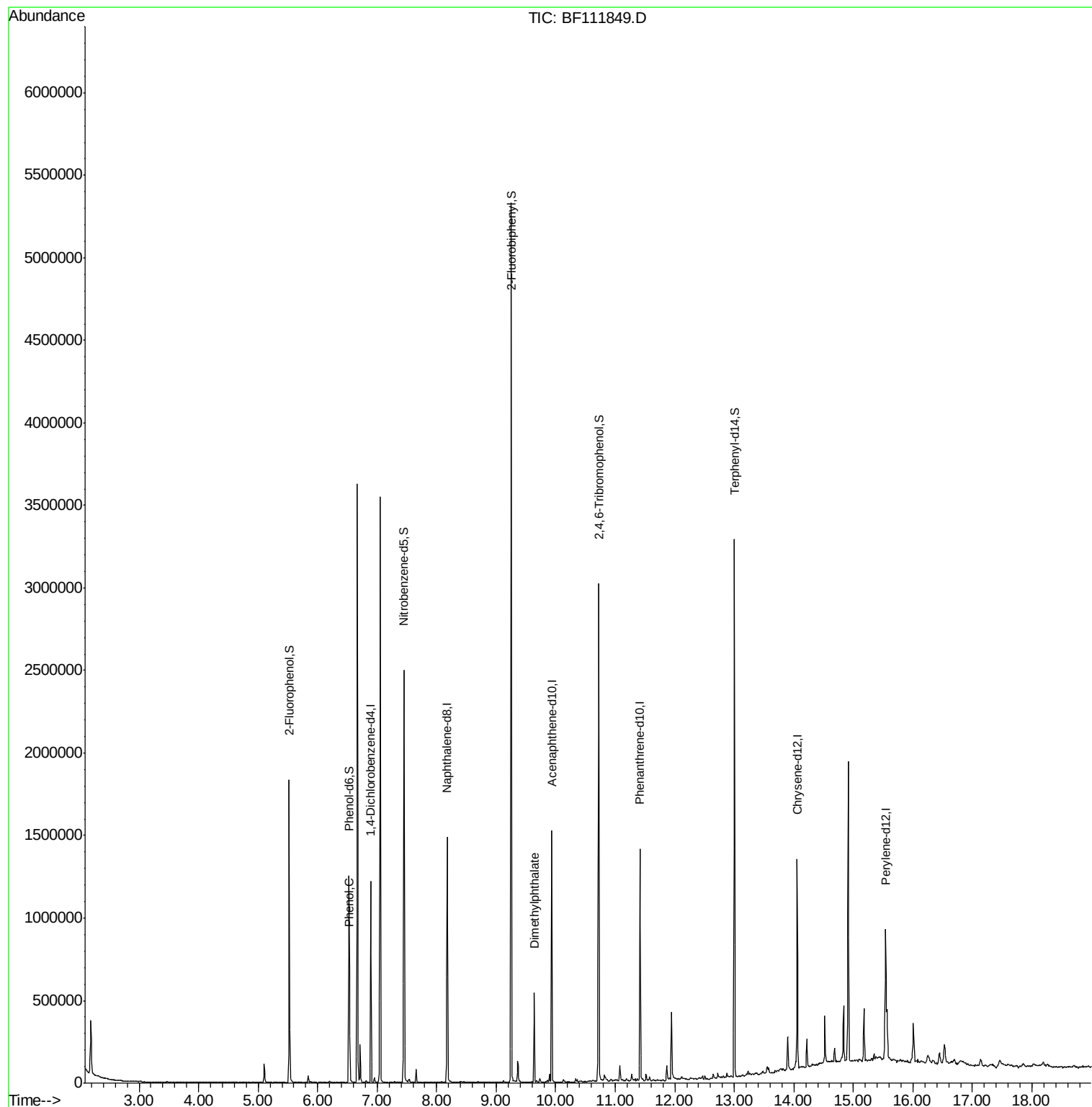
Quant Time: Jan 05 00:01:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

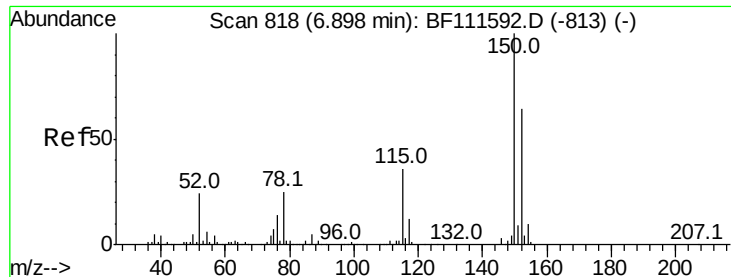
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	167360	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	631174	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	305539	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	474995	20.00	ng	0.00
76) Chrysene-d12	14.06	240	408251	20.00	ng	0.00
87) Perylene-d12	15.54	264	390426	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	474601	48.34	ng	0.00
7) Phenol-d6	6.53	99	358039	28.65	ng	0.00
23) Nitrobenzene-d5	7.45	82	842787	77.72	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	369890	102.46	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1604876	76.56	ng	0.00
79) Terphenyl-d14	13.00	244	1178155	54.73	ng	0.00
Target Compounds						
10) Phenol	6.54	94	44768	3.175	ng	98
50) Dimethylphthalate	9.64	163	195807	8.764	ng	97

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

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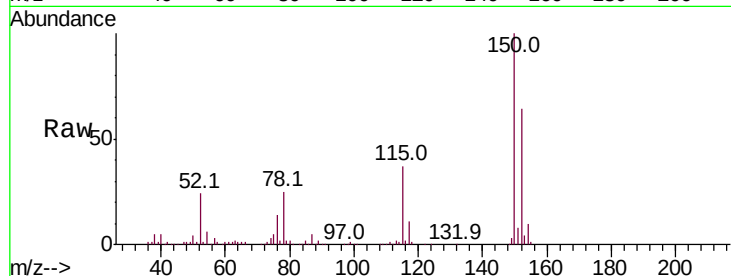




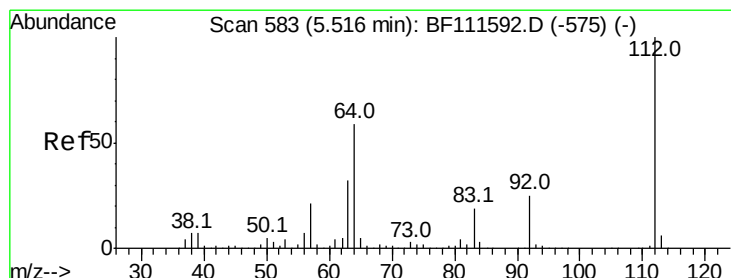
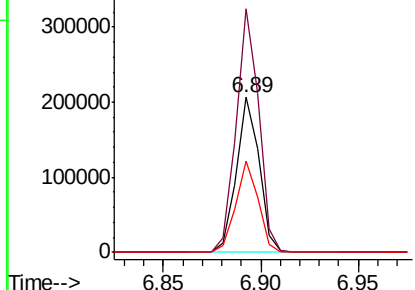
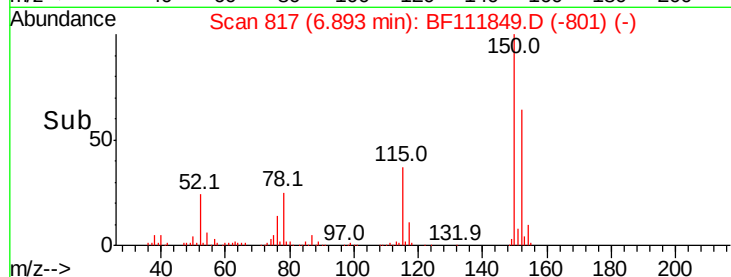
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111849.D
Acq: 4 Jan 2019 17:19

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.6	189.8
115	58.9	50.7	76.1



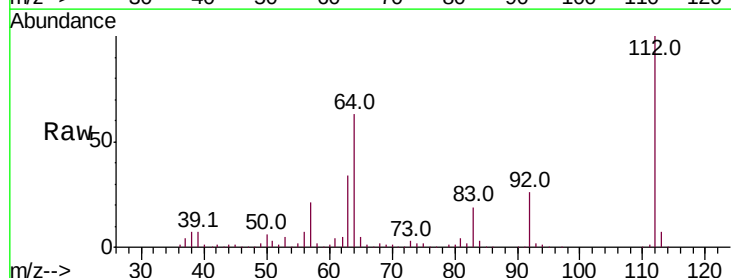
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



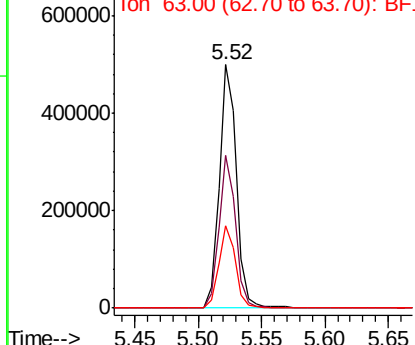
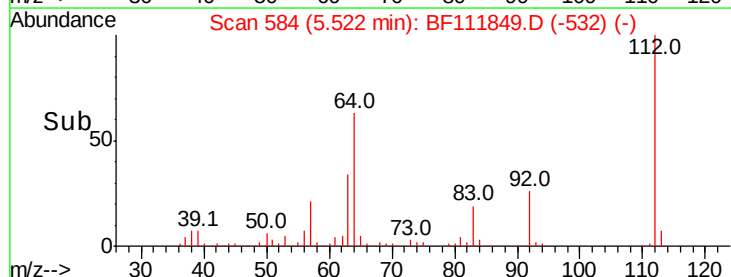
#5

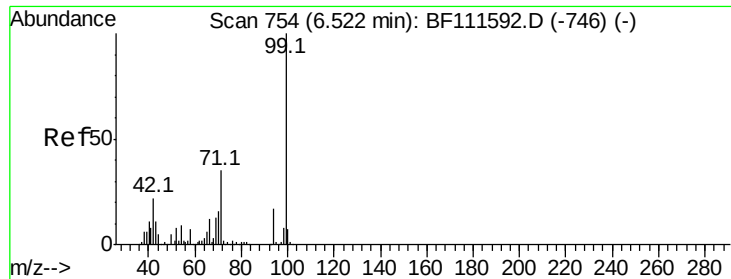
2-Fluorophenol
Concen: 48.337 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111849.D
Acq: 4 Jan 2019 17:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	51.8	77.6
63	33.6	26.8	40.2



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: 28.653 ng

RT: 6.53 min Scan# 755

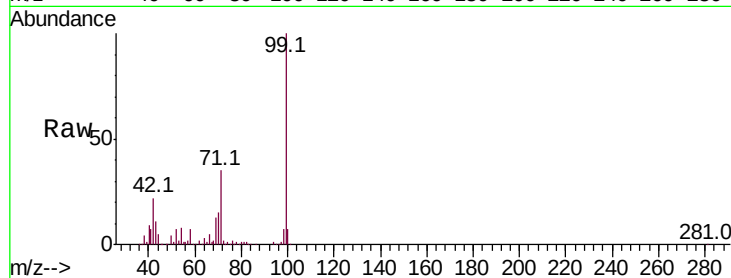
Delta R.T. 0.01 min

Lab File: BF111849.D

Acq: 4 Jan 2019 17:19

Tot Ion: 99 Resp: 358039

Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.4	26.0
71	35.1	26.1	39.1

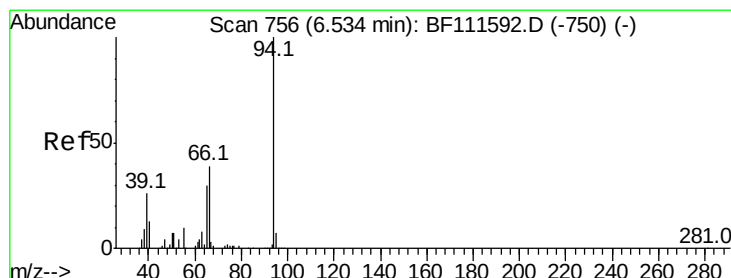
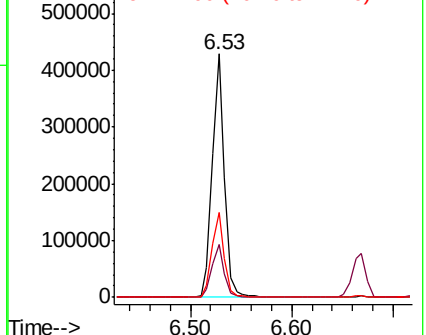
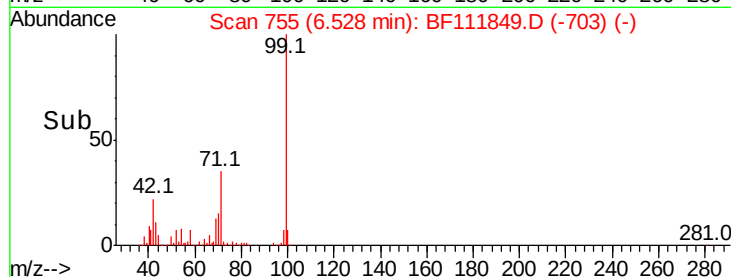


Abundance

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



#10

Phenol

Concen: 3.175 ng

RT: 6.54 min Scan# 757

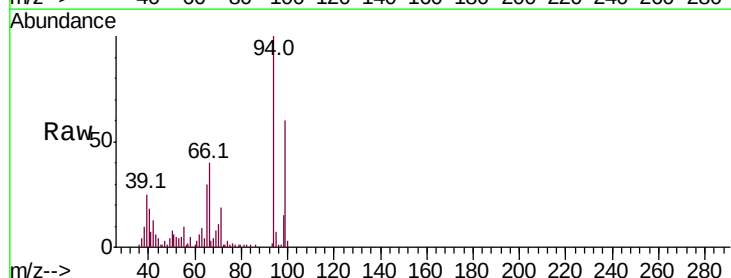
Delta R.T. 0.01 min

Lab File: BF111849.D

Acq: 4 Jan 2019 17:19

Tgt Ion: 94 Resp: 44768

Ion	Ratio	Lower	Upper
94	100		
65	29.6	11.7	51.7
66	40.2	21.0	61.0

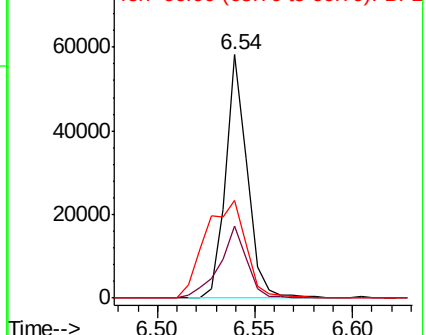
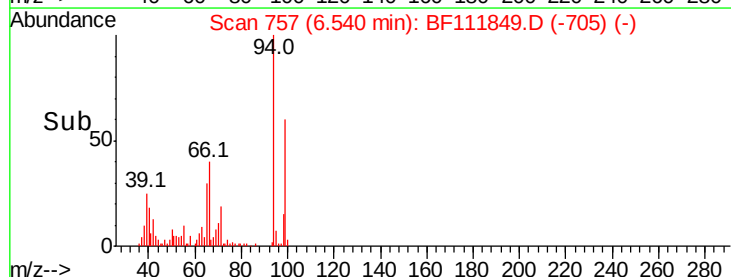


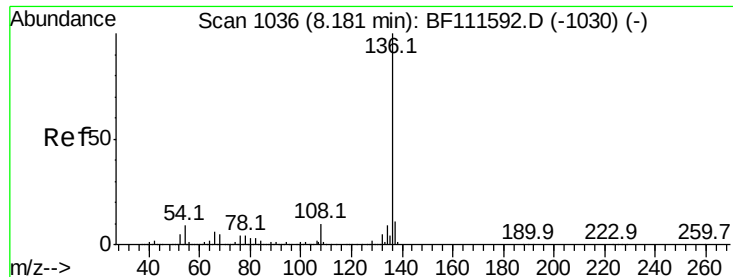
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

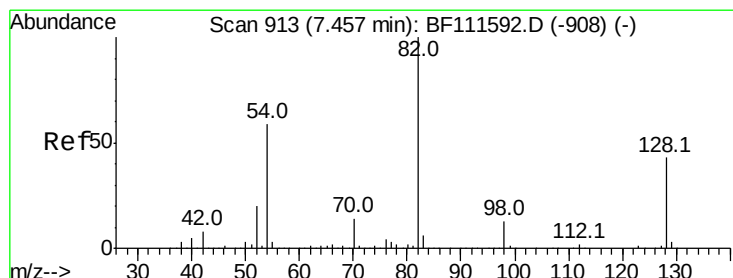
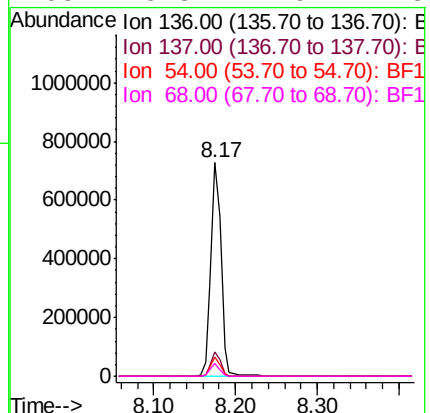
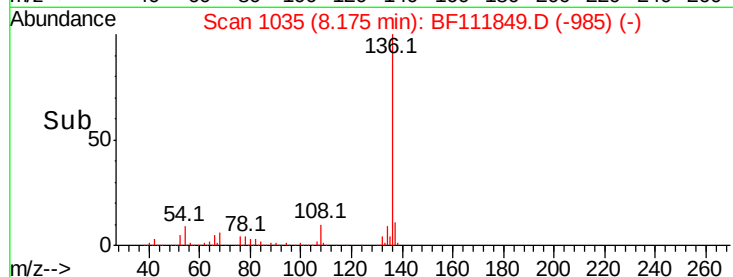
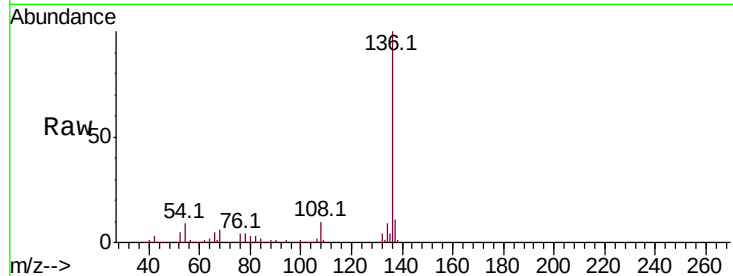
Ion 66.00 (65.70 to 66.70): BF1





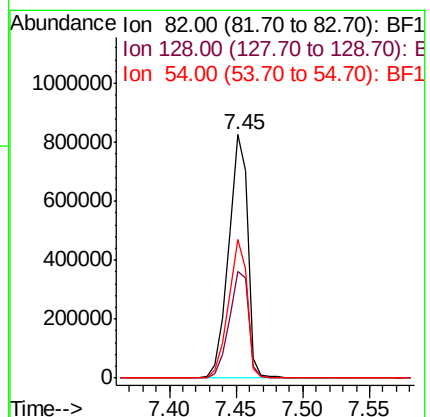
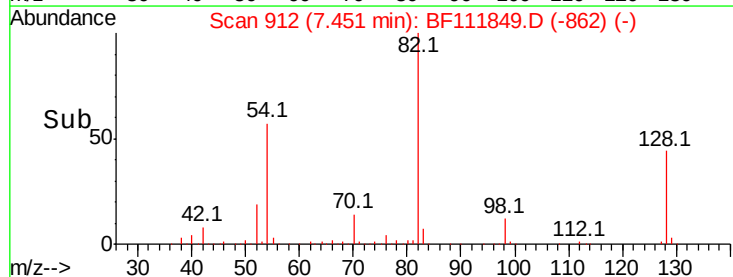
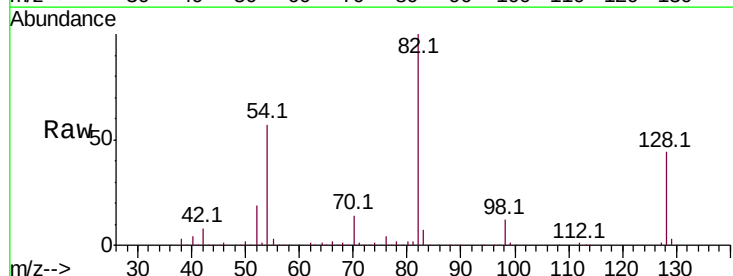
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111849.D
Acq: 4 Jan 2019 17:19

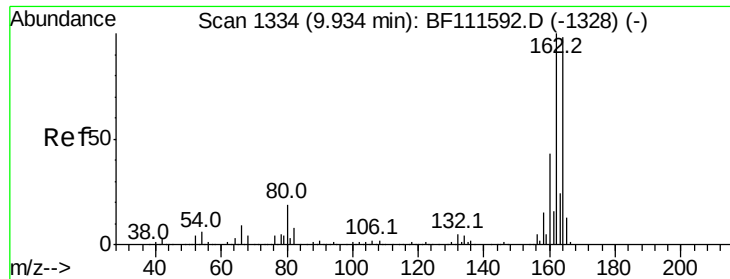
Tot Ion:136	Resp: 631174
Ion Ratio	Lower Upper
136 100	
137 11.1	9.1 13.7
54 8.9	7.7 11.5
68 5.8	4.9 7.3



#23
Nitrobenzene-d5
Concen: 77.723 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111849.D
Acq: 4 Jan 2019 17:19

Tgt Ion: 82	Resp: 842787
Ion Ratio	Lower Upper
82 100	
128 43.9	37.4 56.2
54 56.9	47.6 71.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF111849.D

Acq: 4 Jan 2019 17:19

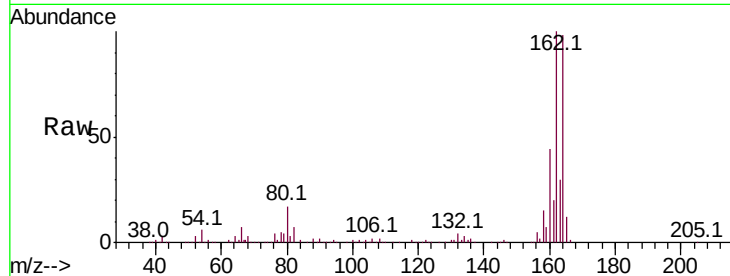
Tot Ion:164 Resp: 305539

Ion Ratio Lower Upper

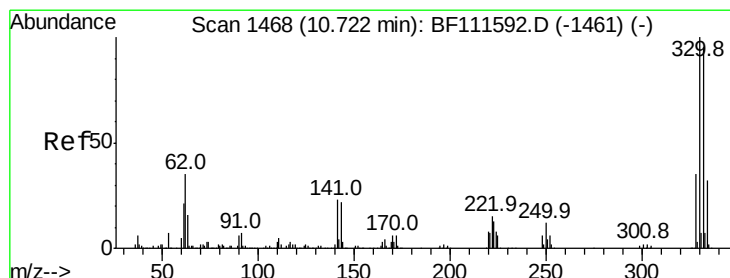
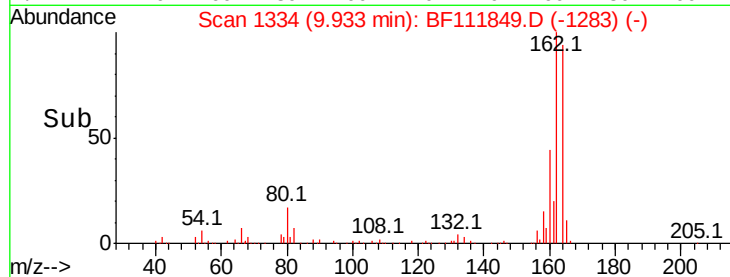
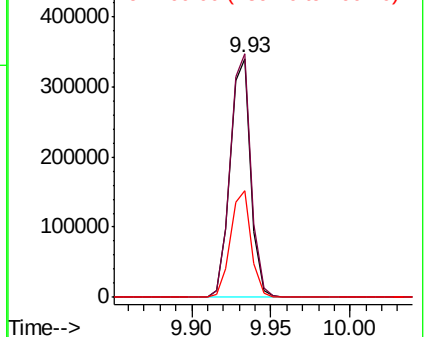
164 100

162 102.0 81.4 122.0

160 44.9 35.7 53.5



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: 102.458 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF111849.D

Acq: 4 Jan 2019 17:19

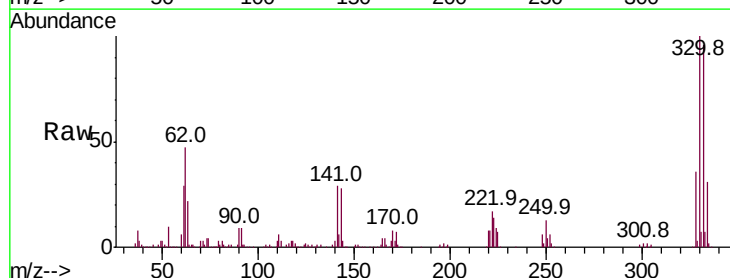
Tgt Ion:330 Resp: 369890

Ion Ratio Lower Upper

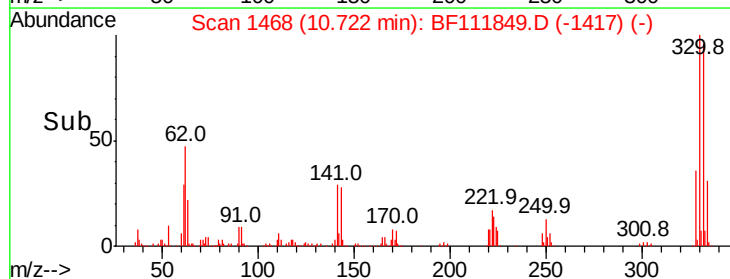
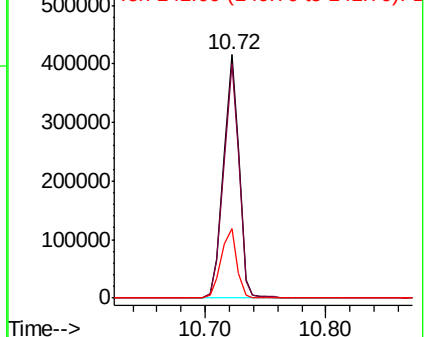
330 100

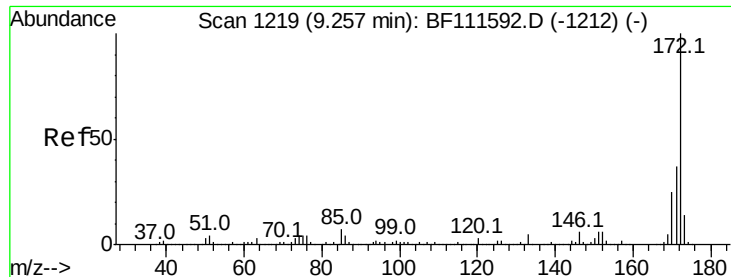
332 95.8 76.0 114.0

141 28.7 31.0 46.6#



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: 76.561 ng

RT: 9.25 min Scan# 1218

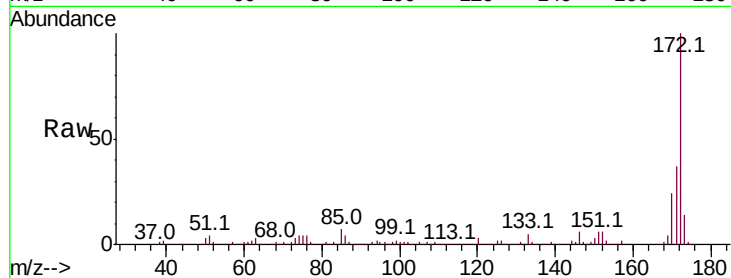
Delta R.T. -0.01 min

Lab File: BF111849.D

Acq: 4 Jan 2019 17:19

Tot Ion:172 Resp: 1604876

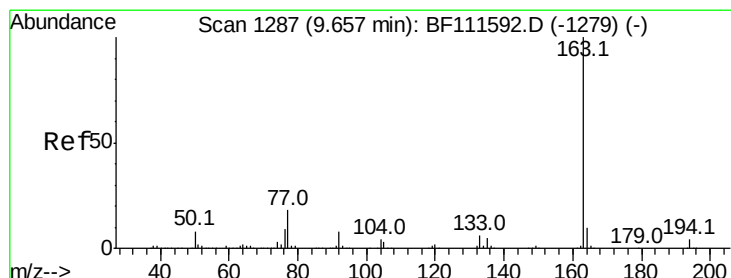
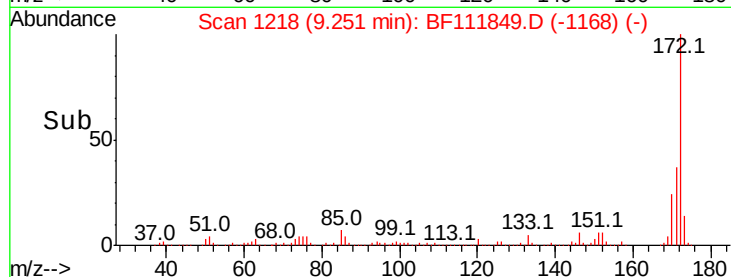
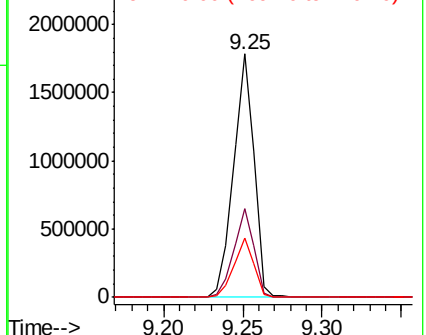
Ion	Ratio	Lower	Upper
172	100		
171	36.7	33.0	49.4
170	24.4	22.3	33.5



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



#50

Dimethylphthalate

Concen: 8.764 ng

RT: 9.64 min Scan# 1284

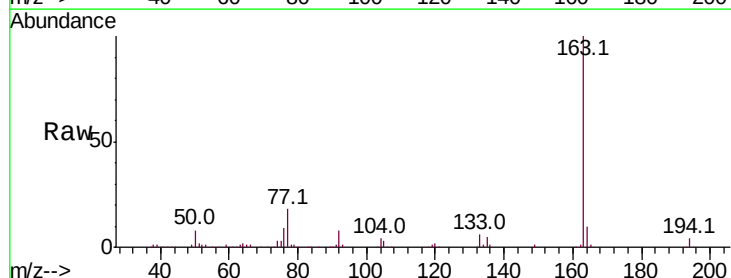
Delta R.T. -0.02 min

Lab File: BF111849.D

Acq: 4 Jan 2019 17:19

Tgt Ion:163 Resp: 195807

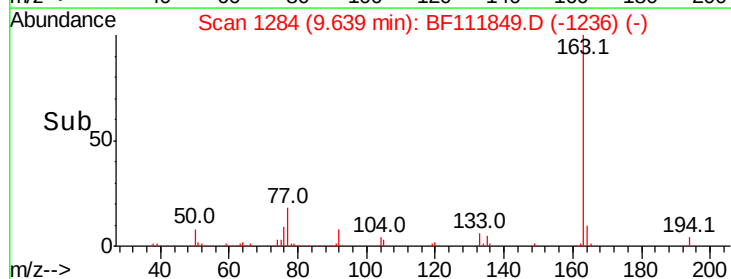
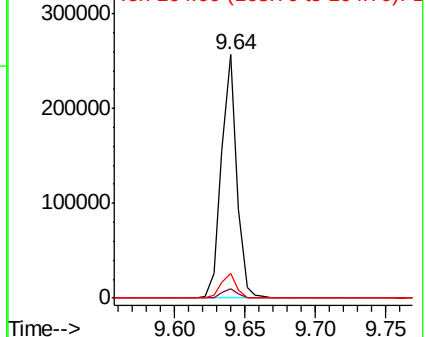
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.9	8.9	13.3

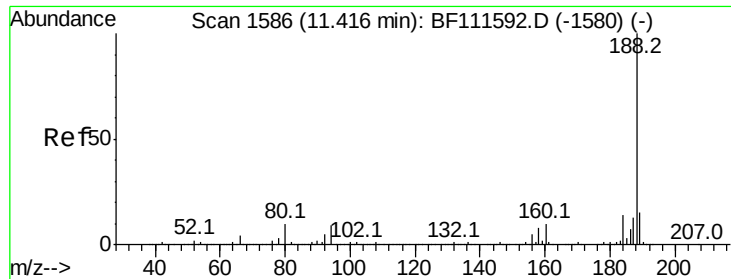


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

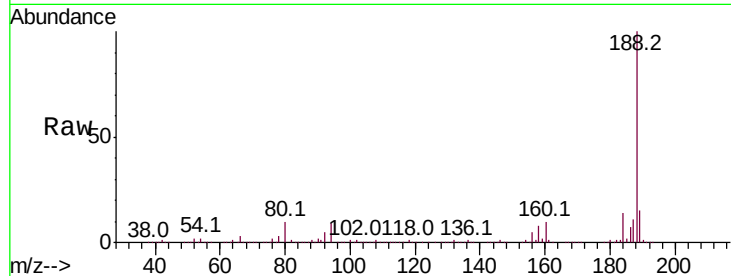
Ion 164.00 (163.70 to 164.70): E



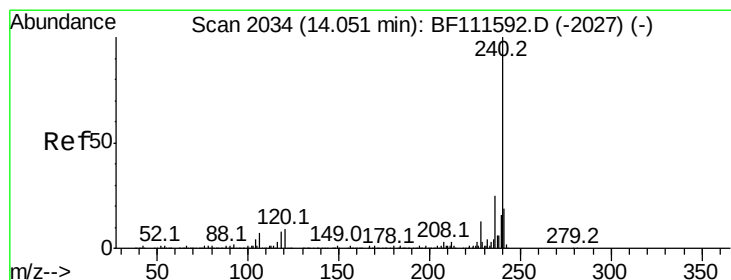
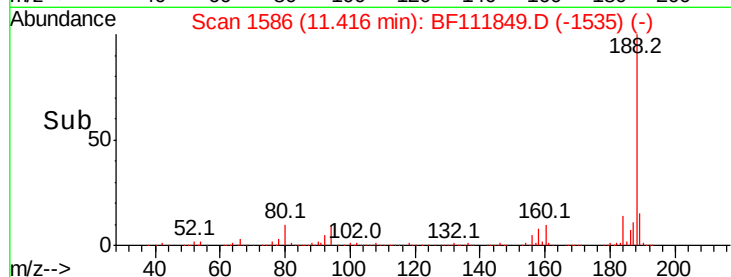
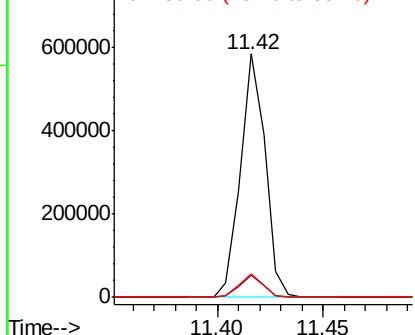


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111849.D
Acq: 4 Jan 2019 17:19

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.6	14.4#
80	9.6	9.8	14.6#

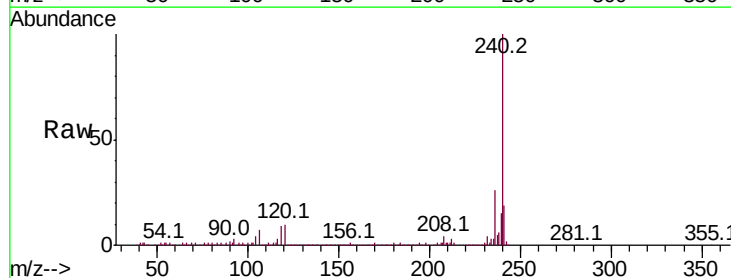


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

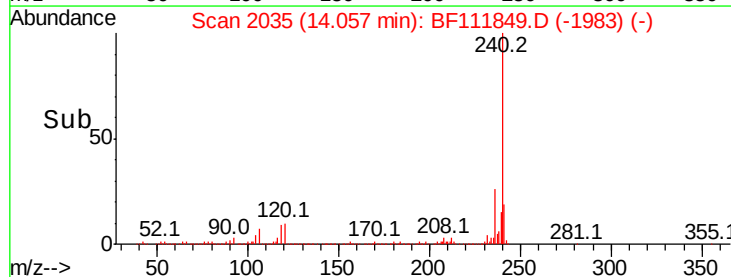
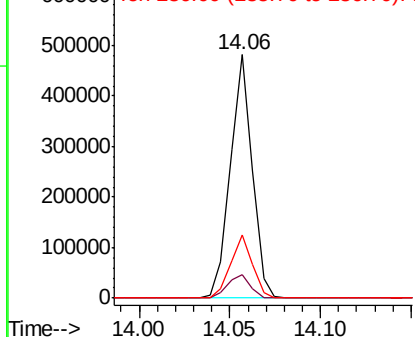


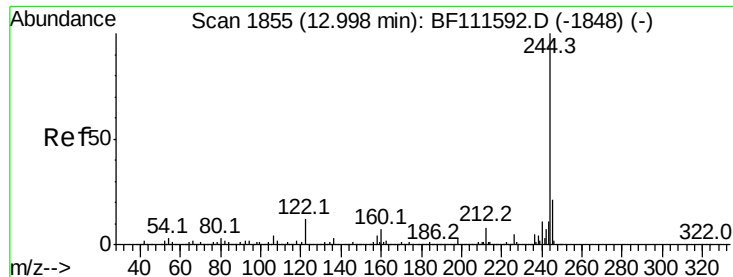
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF111849.D
Acq: 4 Jan 2019 17:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	12.2	18.2#
236	25.8	20.2	30.2



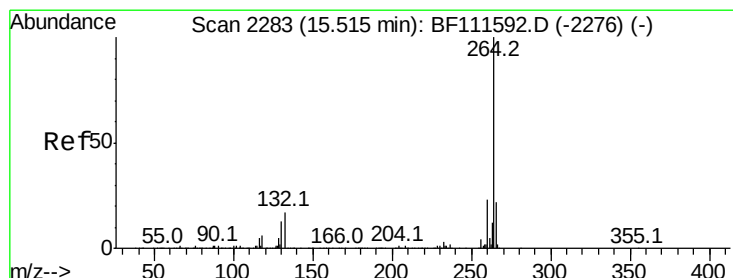
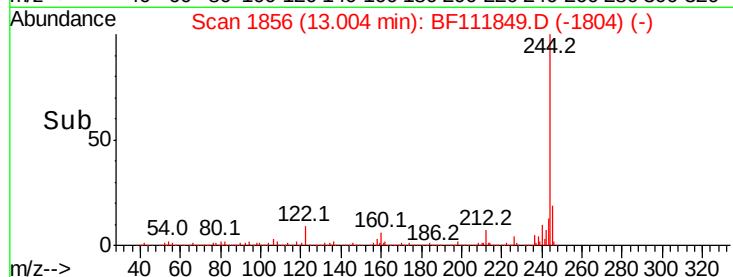
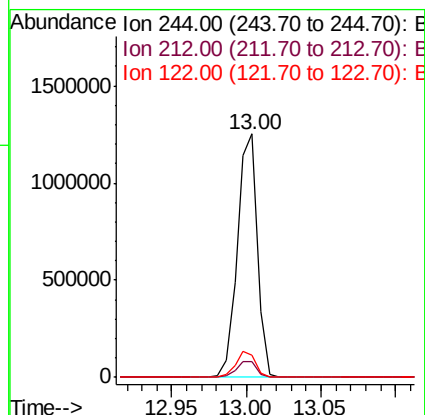
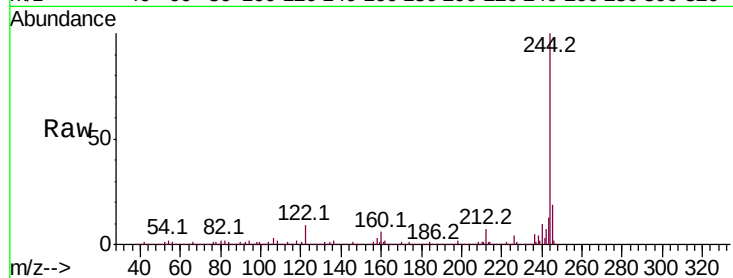
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79
 Terphenyl-d14
 Concen: 54.728 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: BF111849.D
 Acq: 4 Jan 2019 17:19

Tot Ion:244 Resp: 1178155
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.7 8.5
 122 9.1 13.1 19.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.03 min
 Lab File: BF111849.D
 Acq: 4 Jan 2019 17:19

Tgt Ion:264 Resp: 390426
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.3 27.5
 265 20.7 17.7 26.5

