

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
 Data File : BF111847.D
 Acq On : 4 Jan 2019 16:25
 Operator : JU/SJ
 Sample : K1017-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

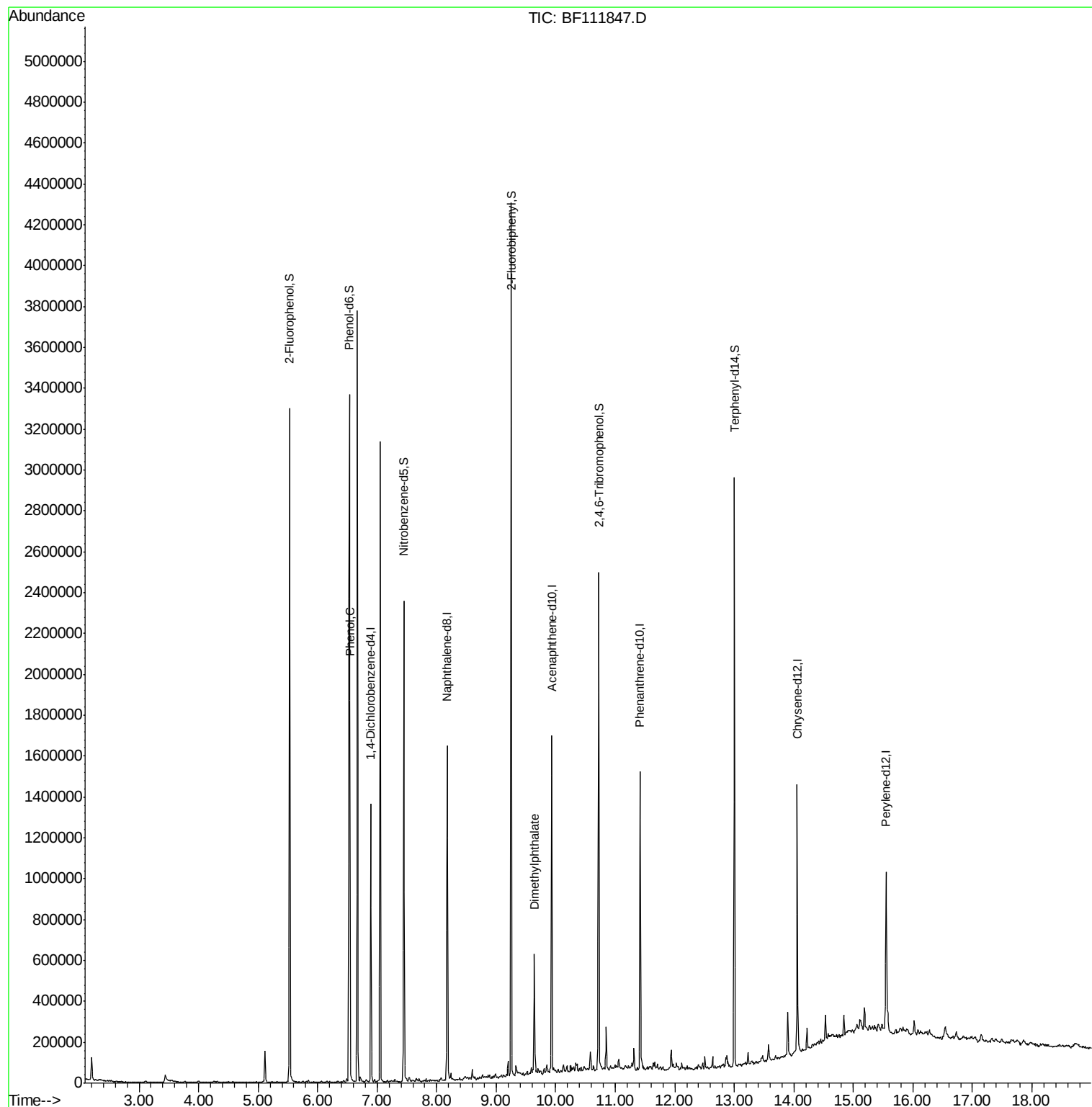
Quant Time: Jan 04 23:56:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	182265	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	690790	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	326184	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	527054	20.00	ng	0.00
76) Chrysene-d12	14.06	240	440773	20.00	ng	0.00
87) Perylene-d12	15.55	264	382074	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	856003	80.05	ng	0.01
7) Phenol-d6	6.53	99	1092372	80.27	ng	0.01
23) Nitrobenzene-d5	7.45	82	680241	57.32	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	290559	75.39	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1255097	56.08	ng	0.00
79) Terphenyl-d14	13.00	244	1010198	43.46	ng	0.00
Target Compounds						
10) Phenol	6.55	94	50727	3.304	ng	95
50) Dimethylphthalate	9.64	163	196708	8.247	ng	# 97

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

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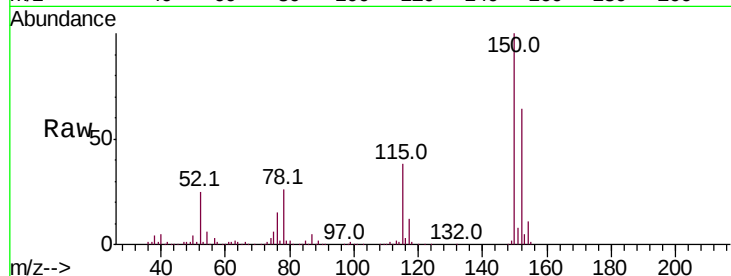




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111847.D
Acq: 4 Jan 2019 16:25

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.6	189.8
115	58.7	50.7	76.1

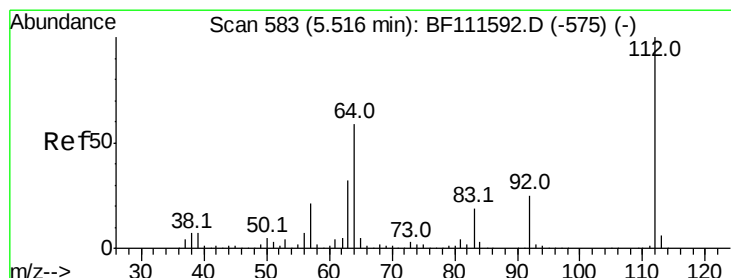
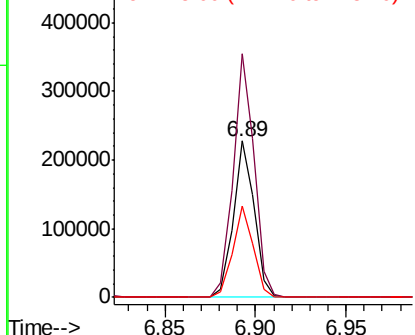
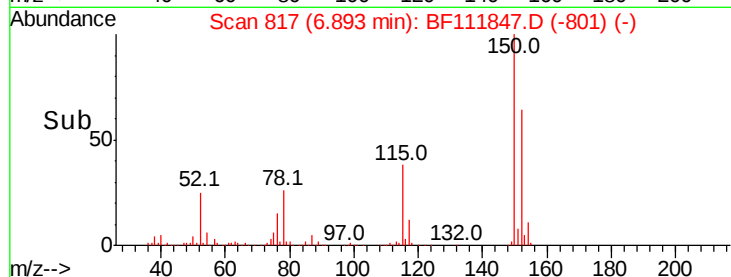


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

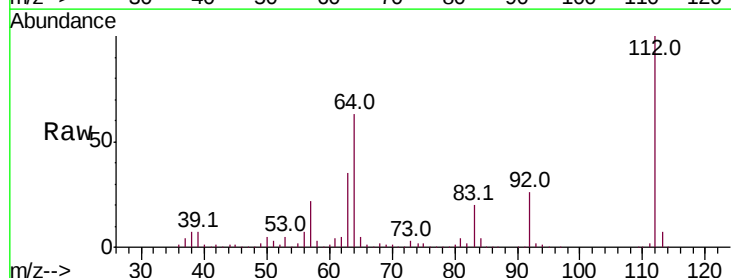
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 80.053 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111847.D
Acq: 4 Jan 2019 16:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.5	51.8	77.6
63	34.5	26.8	40.2

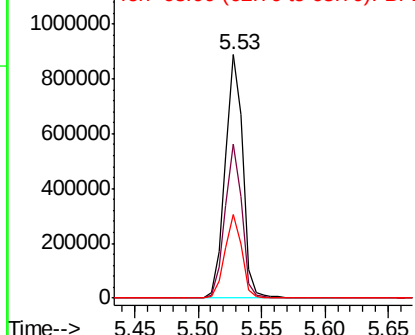
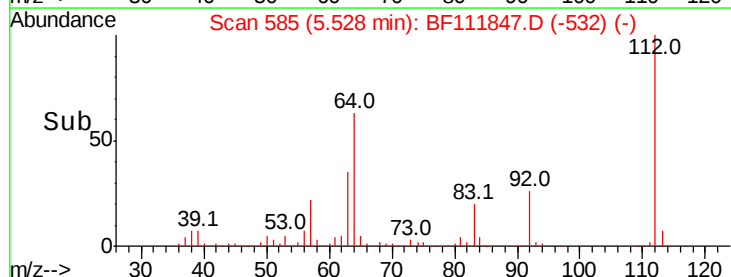


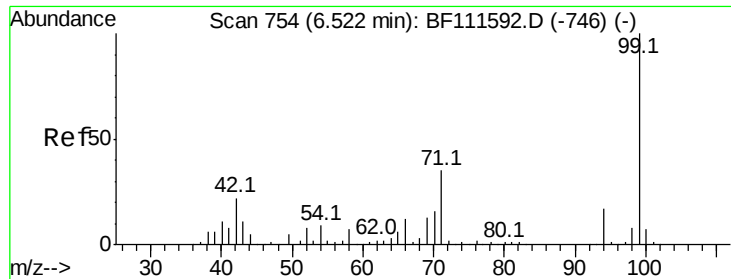
Abundance

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: 80.272 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF111847.D

Acq: 4 Jan 2019 16:25

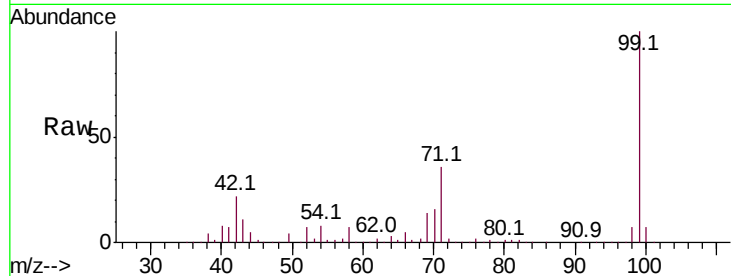
Tot Ion: 99 Resp: 1092372

Ion Ratio Lower Upper

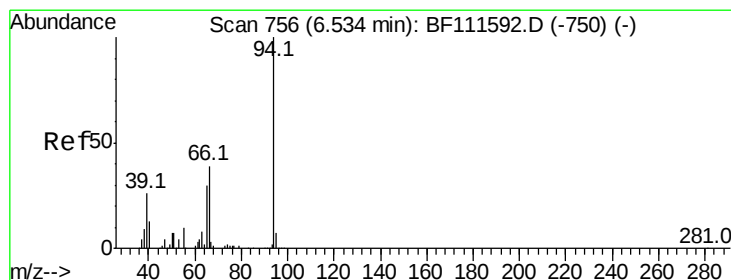
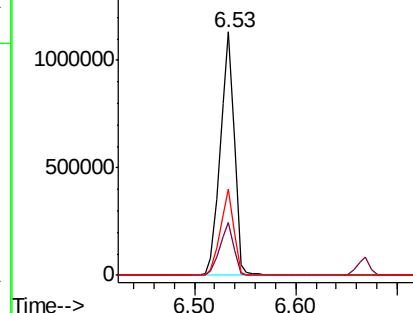
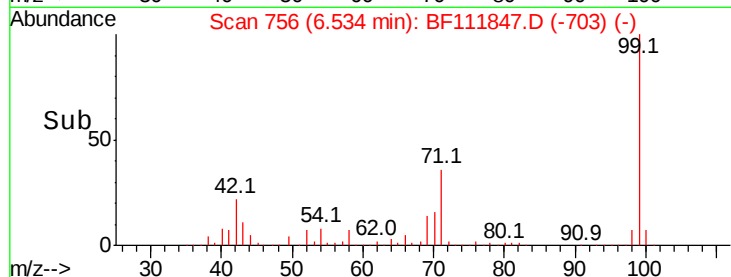
99 100

42 21.5 17.4 26.0

71 35.6 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: 3.304 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF111847.D

Acq: 4 Jan 2019 16:25

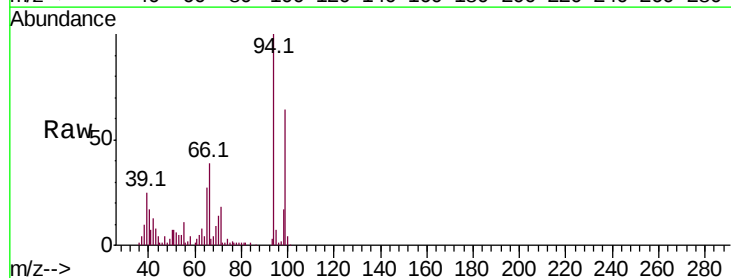
Tgt Ion: 94 Resp: 50727

Ion Ratio Lower Upper

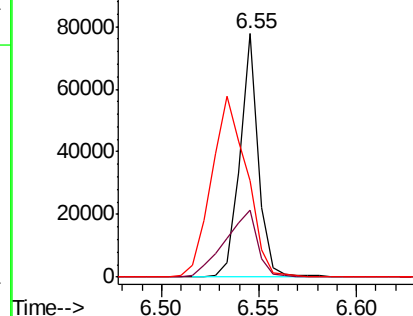
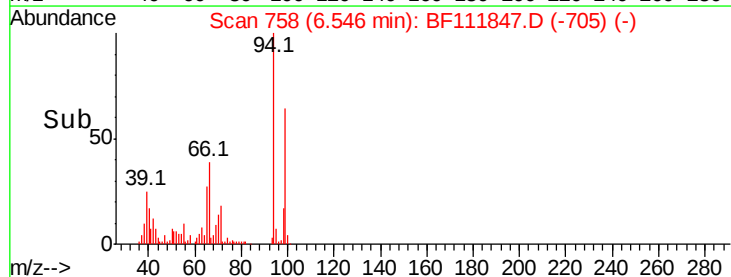
94 100

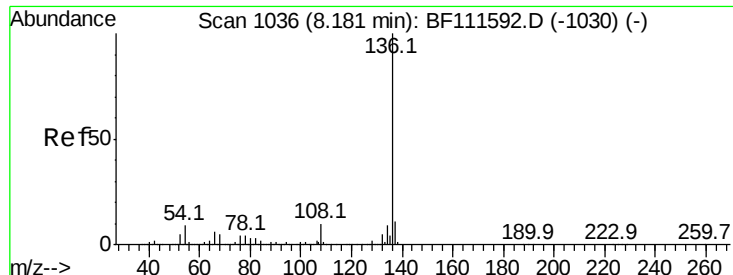
65 27.4 11.7 51.7

66 39.4 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

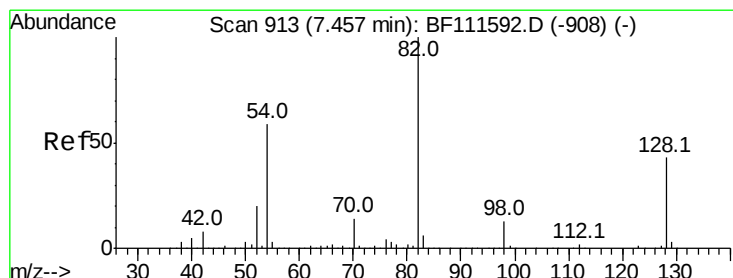
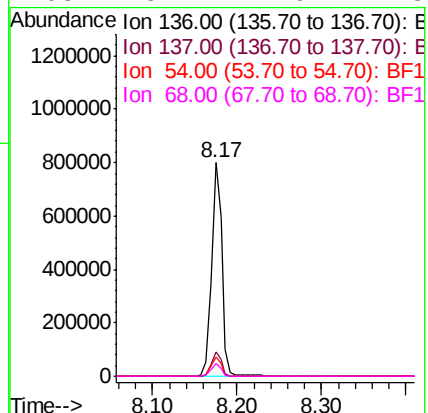
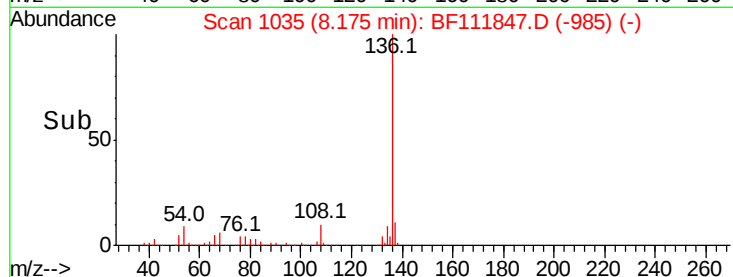
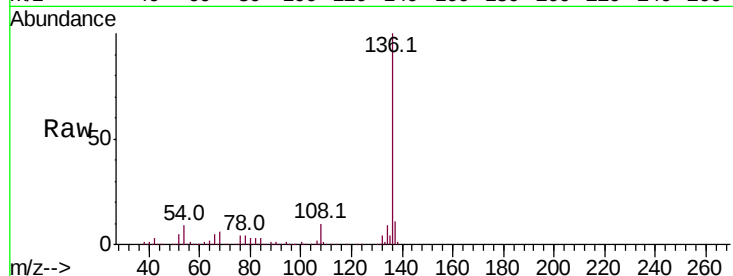
RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111847.D

Acq: 4 Jan 2019 16:25

Tot Ion:136	Resp: 690790
Ion Ratio	Lower Upper
136 100	
137 11.2	9.1 13.7
54 8.9	7.7 11.5
68 5.7	4.9 7.3



#23

Nitrobenzene-d5

Concen: 57.319 ng

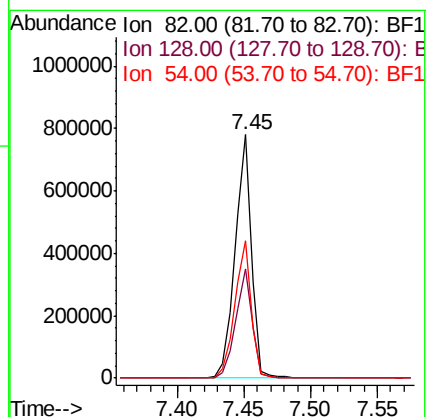
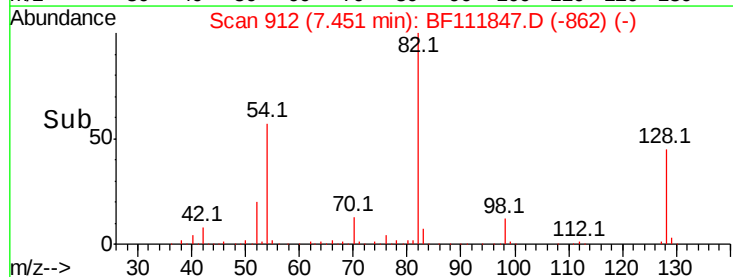
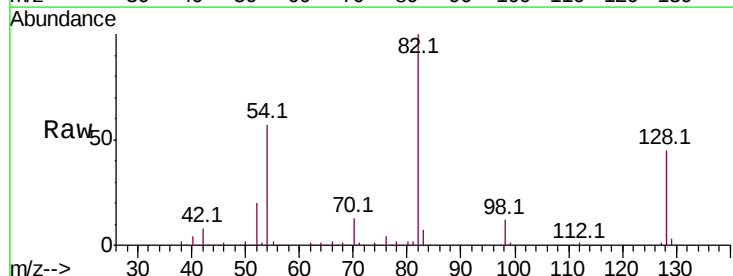
RT: 7.45 min Scan# 912

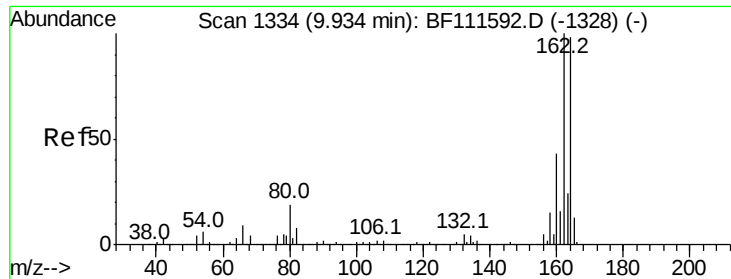
Delta R.T. -0.01 min

Lab File: BF111847.D

Acq: 4 Jan 2019 16:25

Tgt	Ion: 82	Resp:	680241
Ion	Ratio	Lower	Upper
82	100		
128	44.9	37.4	56.2
54	56.7	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: BF111847.D

Acq: 4 Jan 2019 16:25

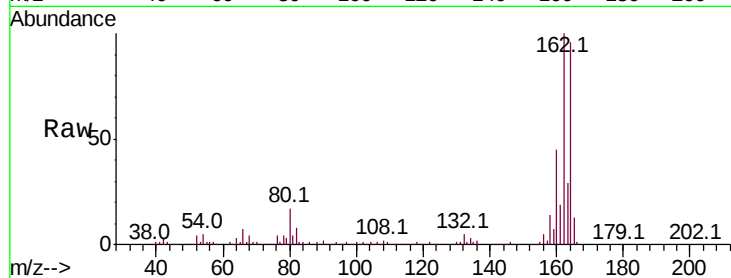
Tot Ion:164 Resp: 326184

Ion Ratio Lower Upper

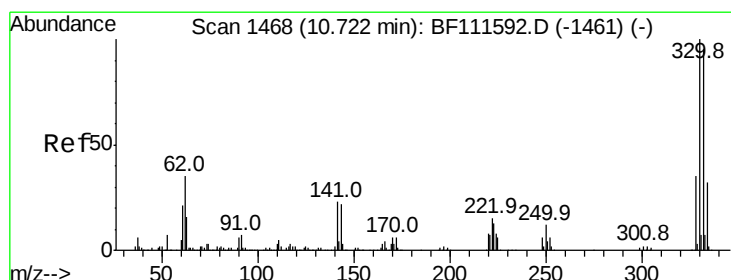
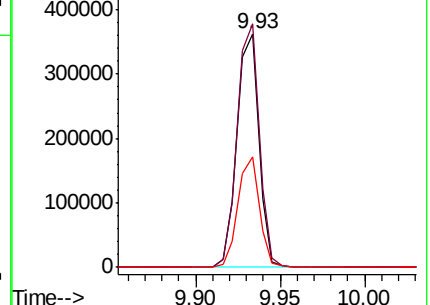
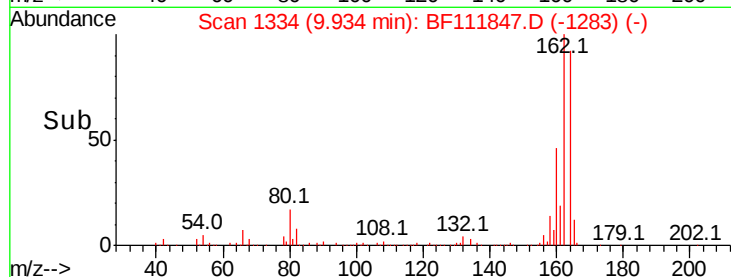
164 100

162 104.3 81.4 122.0

160 47.3 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: 75.389 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF111847.D

Acq: 4 Jan 2019 16:25

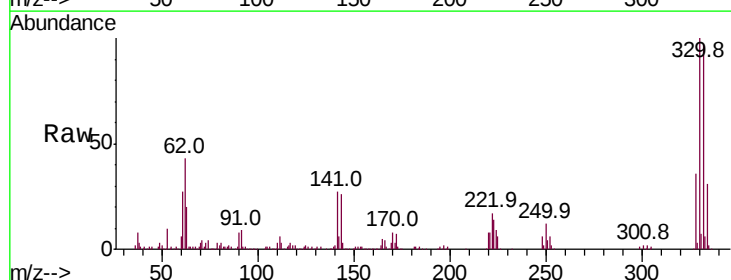
Tgt Ion:330 Resp: 290559

Ion Ratio Lower Upper

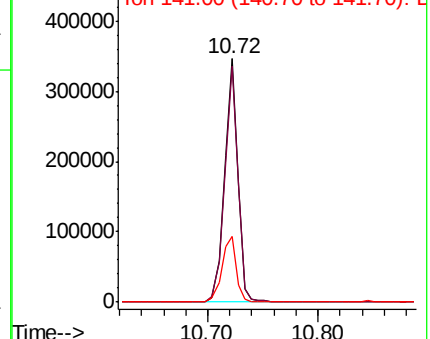
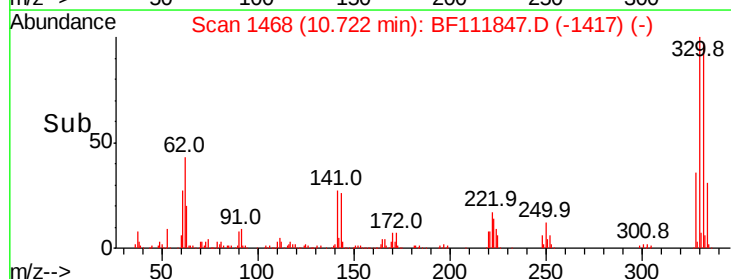
330 100

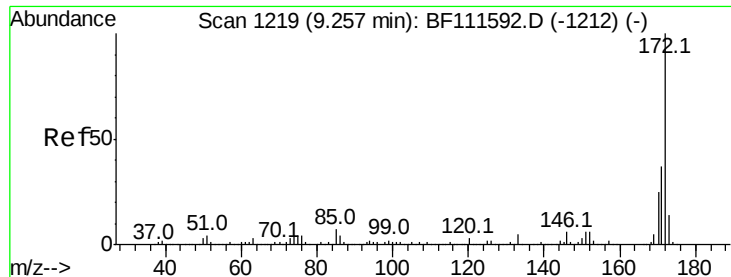
332 96.8 76.0 114.0

141 28.9 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

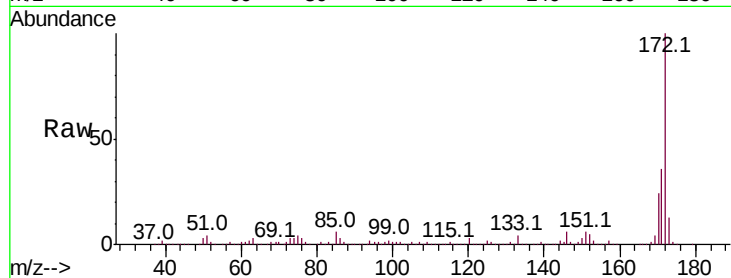




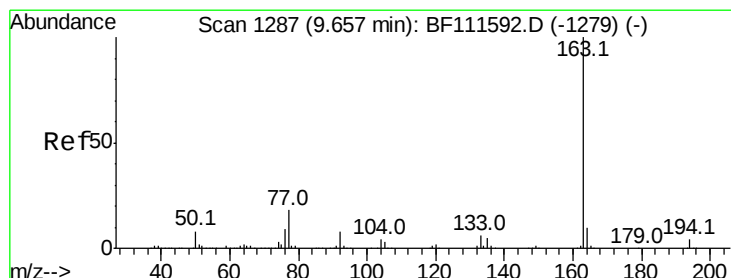
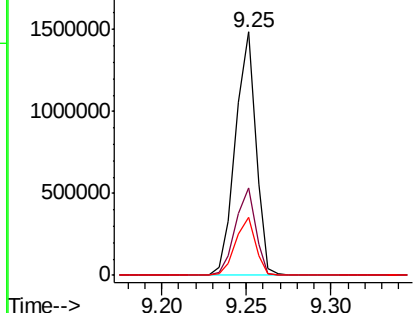
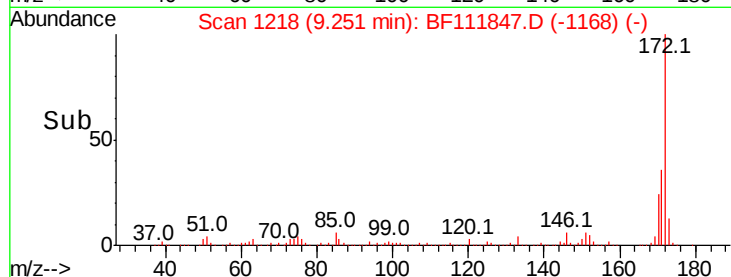
#45
2-Fluorobiphenyl
Concen: 56.085 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111847.D
Acq: 4 Jan 2019 16:25

Tot Ion:172 Resp: 1255097

Ion	Ratio	Lower	Upper
172	100		
171	36.2	33.0	49.4
170	23.8	22.3	33.5



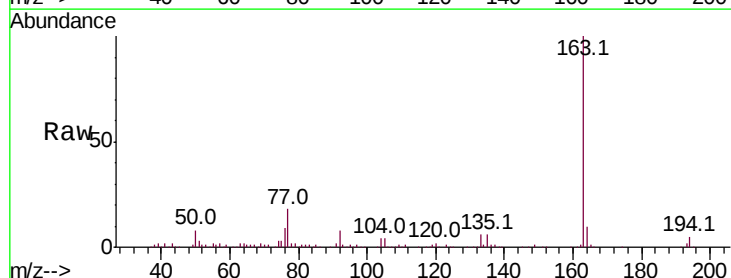
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



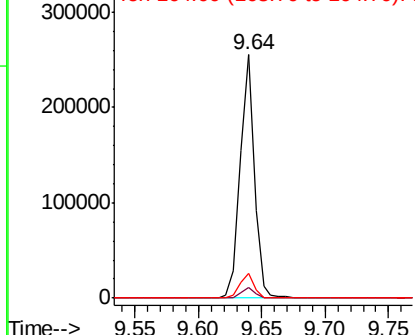
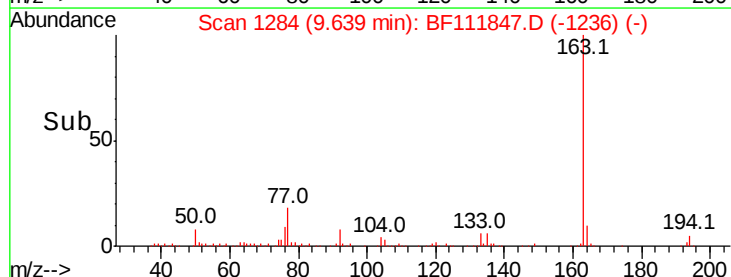
#50
Dimethylphthalate
Concen: 8.247 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111847.D
Acq: 4 Jan 2019 16:25

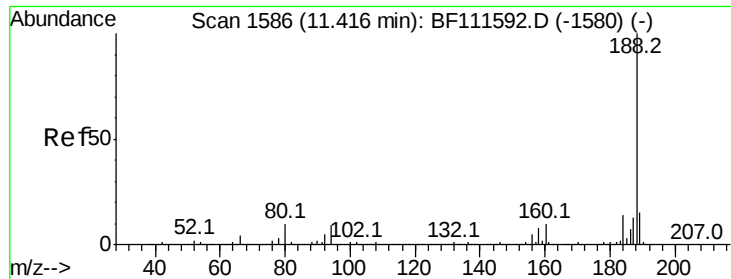
Tgt Ion:163 Resp: 196708

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.0	4.6#
164	10.0	8.9	13.3



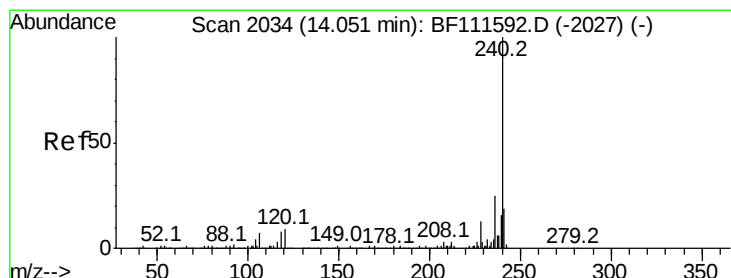
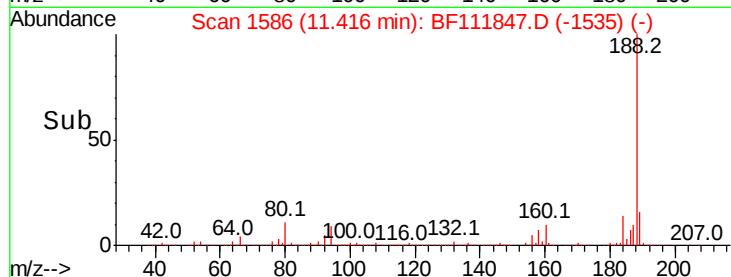
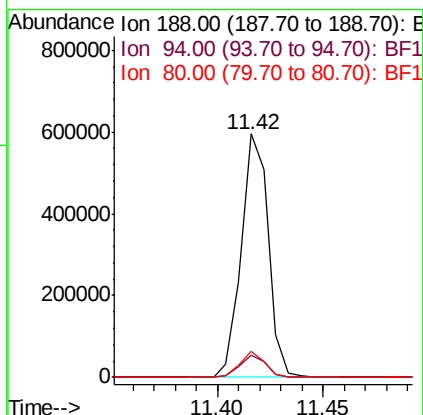
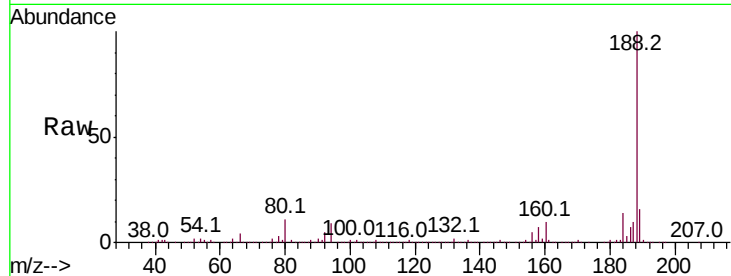
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





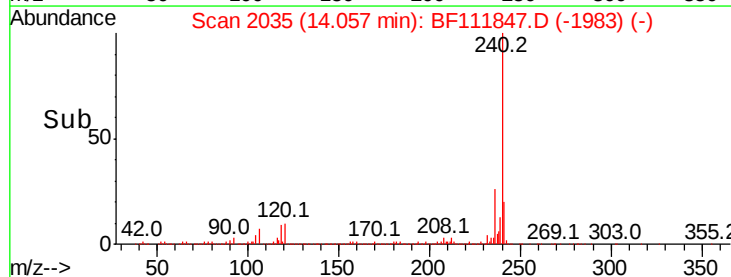
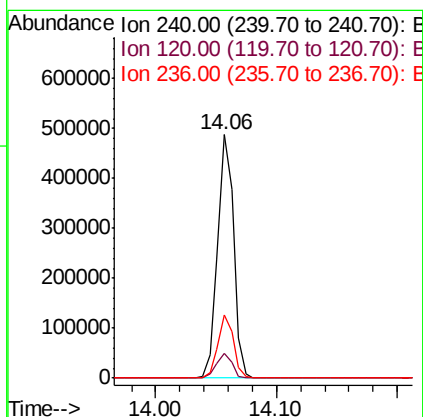
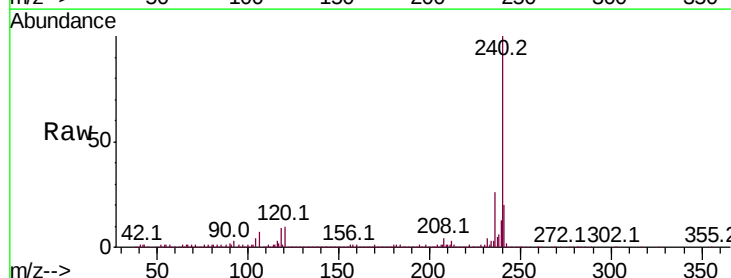
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF111847.D
Acq: 4 Jan 2019 16:25

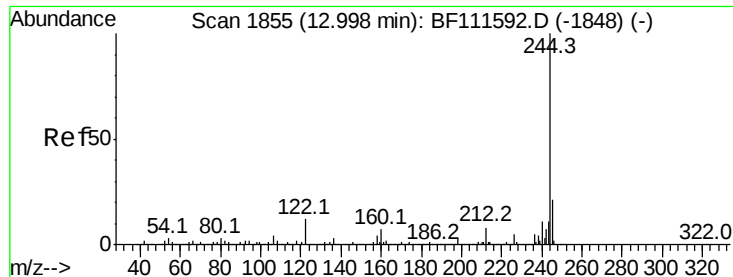
Tot Ion:188 Resp: 527054
Ion Ratio Lower Upper
188 100
94 9.1 9.6 14.4#
80 10.5 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF111847.D
Acq: 4 Jan 2019 16:25

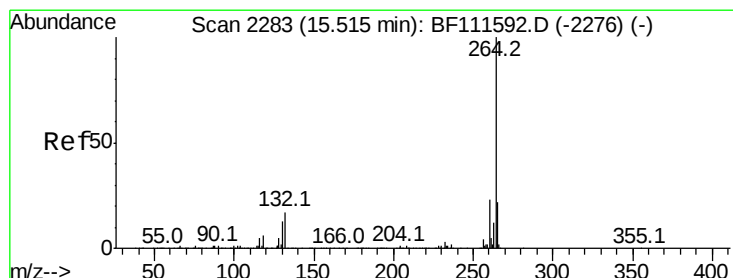
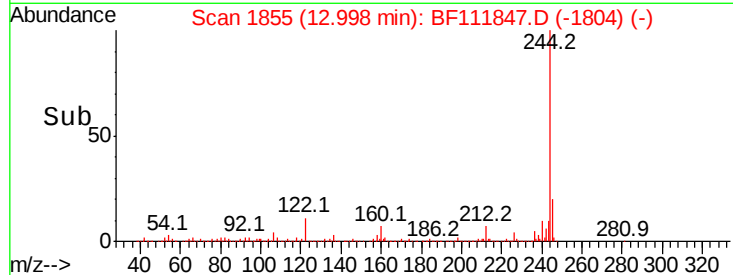
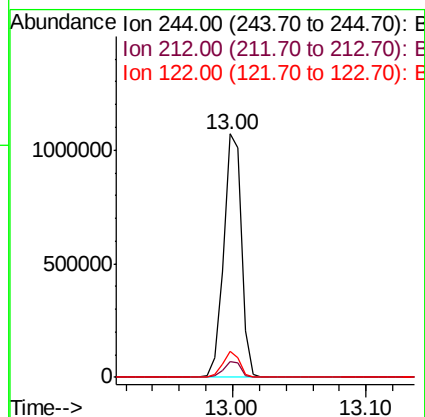
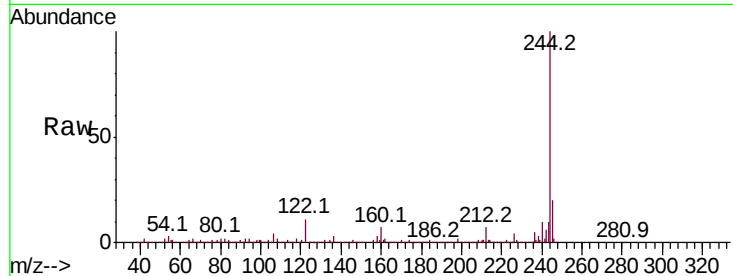
Tgt Ion:240 Resp: 440773
Ion Ratio Lower Upper
240 100
120 10.3 12.2 18.2#
236 26.1 20.2 30.2





#79
 Terphenyl-d14
 Concen: 43.464 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: BF111847.D
 Acq: 4 Jan 2019 16:25

Tot Ion:244 Resp: 1010198
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.7 8.5
 122 10.7 13.1 19.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.04 min
 Lab File: BF111847.D
 Acq: 4 Jan 2019 16:25

Tgt Ion:264 Resp: 382074
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.3 27.5
 265 22.1 17.7 26.5

