

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
 Data File : BF111851.D
 Acq On : 4 Jan 2019 18:14
 Operator : JU/SJ
 Sample : K1018-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

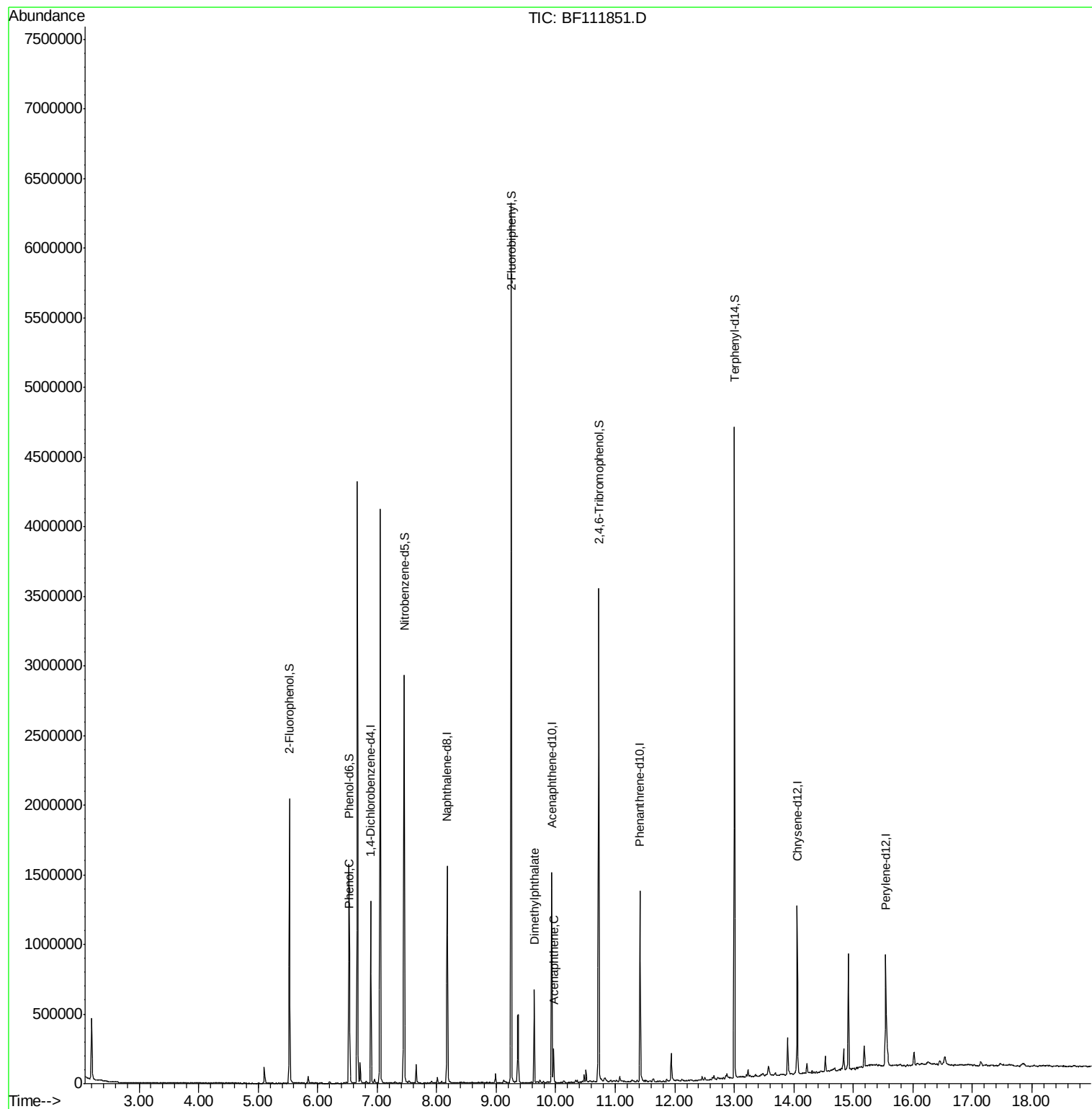
Quant Time: Jan 05 00:04:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

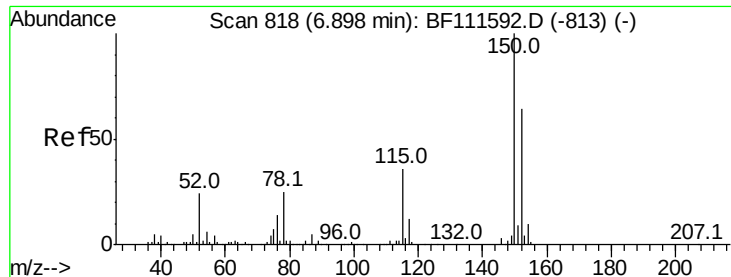
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	177350	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	656721	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	307070	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	469075	20.00	ng	0.00
76) Chrysene-d12	14.06	240	389671	20.00	ng	0.00
87) Perylene-d12	15.54	264	392552	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	575673	55.33	ng	0.01
7) Phenol-d6	6.53	99	448123	33.84	ng	0.00
23) Nitrobenzene-d5	7.46	82	1057525	93.73	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	438972	120.99	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1903088	90.33	ng	0.00
79) Terphenyl-d14	13.00	244	1614999	78.60	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.54	94	57368	3.840	ng	97
50) Dimethylphthalate	9.64	163	248431	11.063	ng	97
52) Acenaphthene	9.96	154	47838	2.587	ng	96

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

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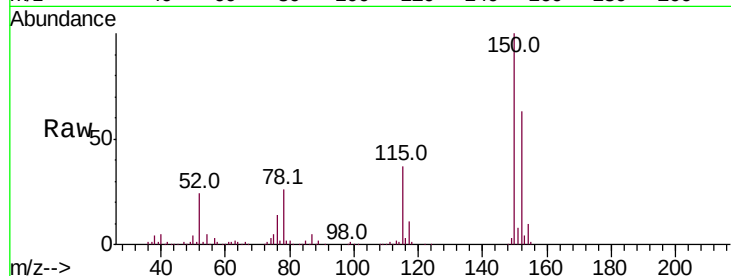




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111851.D
Acq: 4 Jan 2019 18:14

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.6	189.8
115	59.5	50.7	76.1

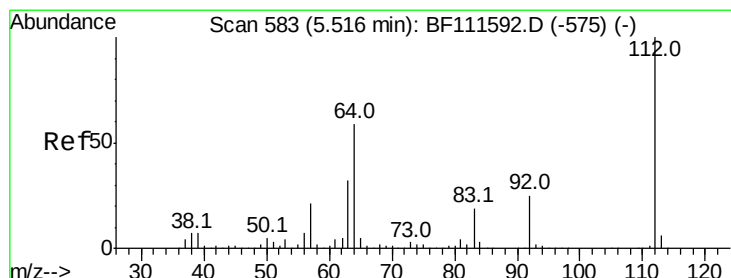
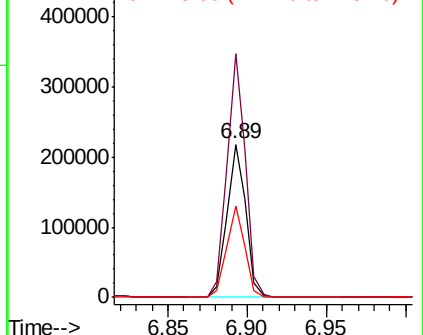
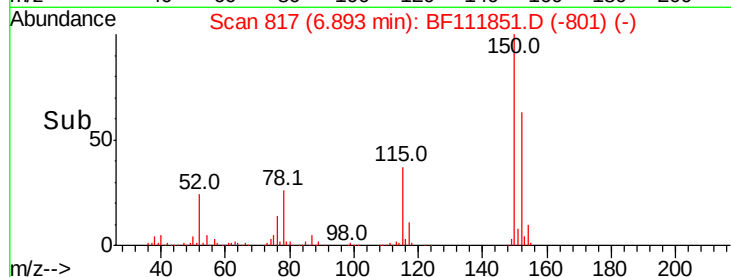


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

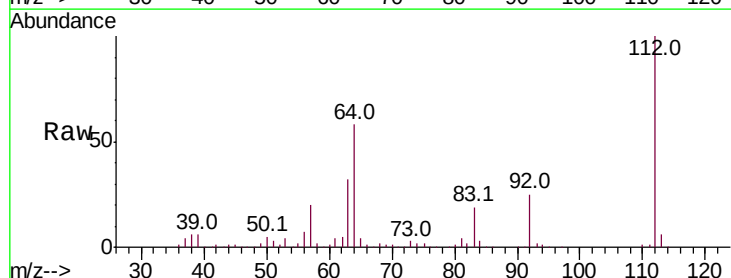
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 55.329 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111851.D
Acq: 4 Jan 2019 18:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	51.8	77.6
63	31.6	26.8	40.2

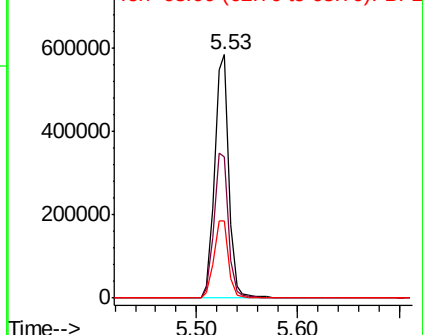
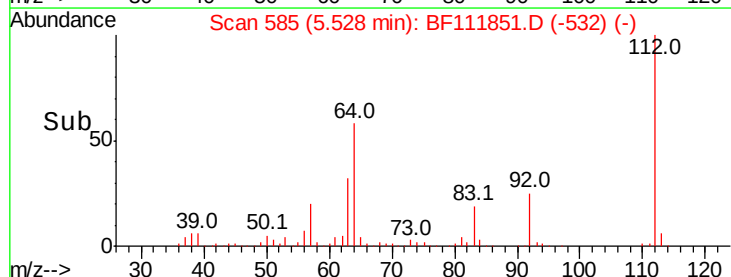


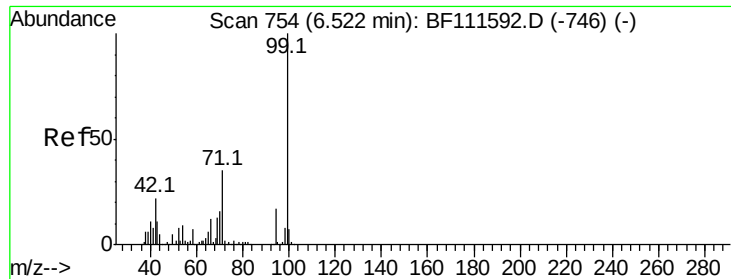
Abundance

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: 33.843 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF111851.D

Acq: 4 Jan 2019 18:14

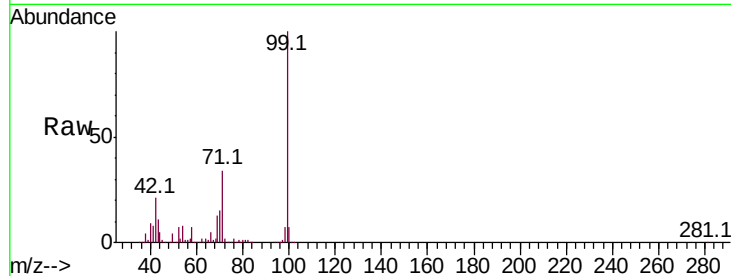
Tot Ion: 99 Resp: 448123

Ion Ratio Lower Upper

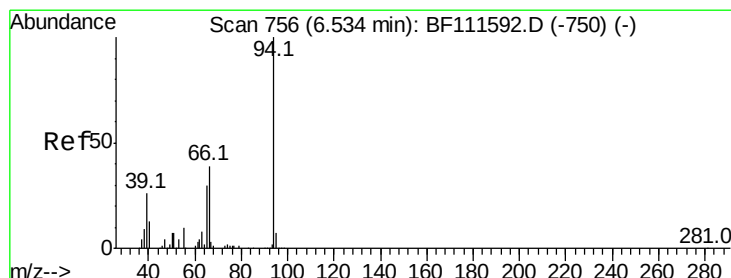
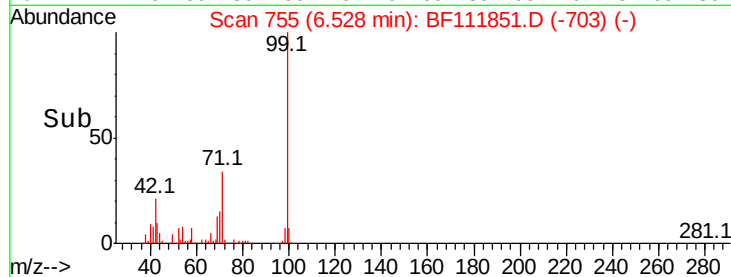
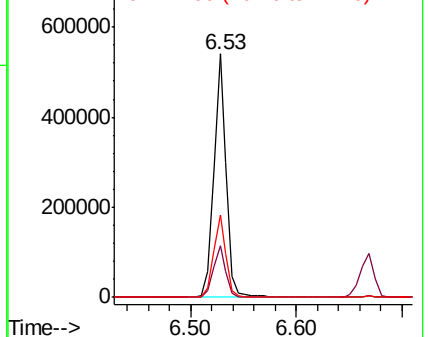
99 100

42 21.3 17.4 26.0

71 33.8 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: 3.840 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF111851.D

Acq: 4 Jan 2019 18:14

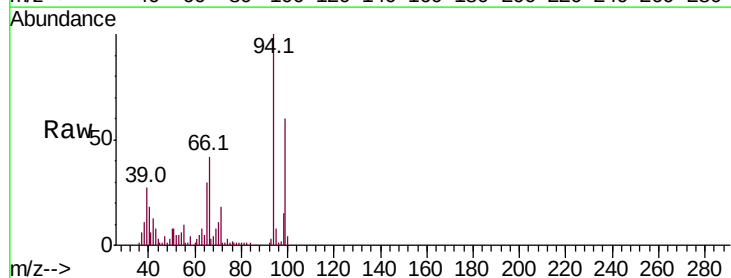
Tgt Ion: 94 Resp: 57368

Ion Ratio Lower Upper

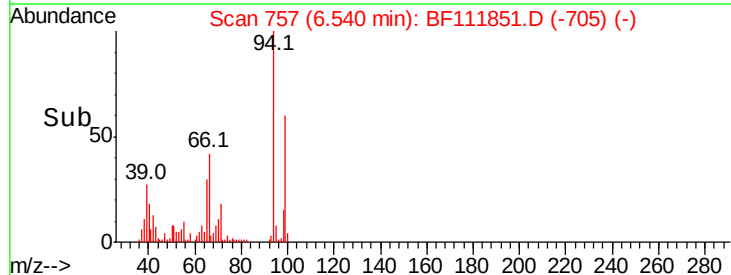
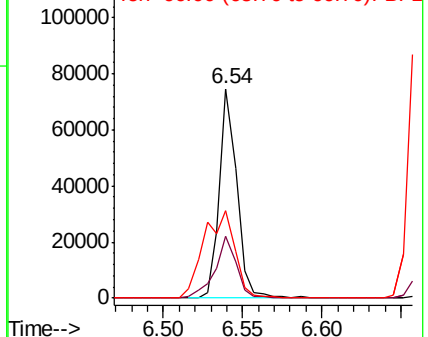
94 100

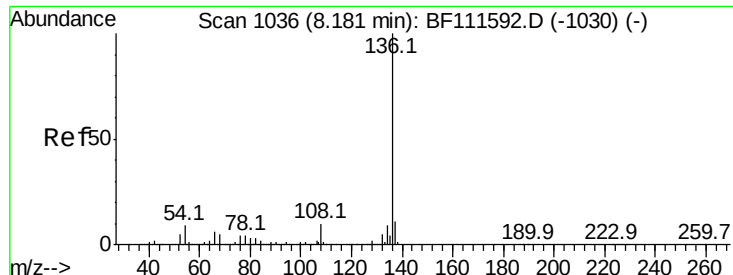
65 29.6 11.7 51.7

66 42.0 21.0 61.0



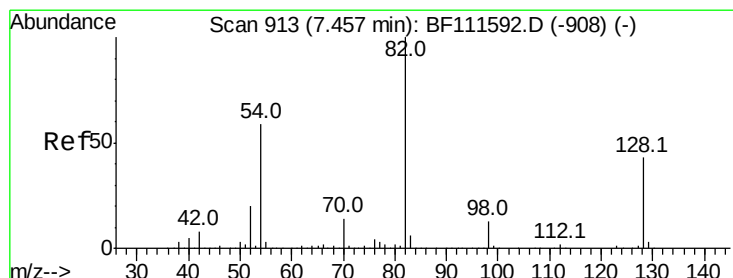
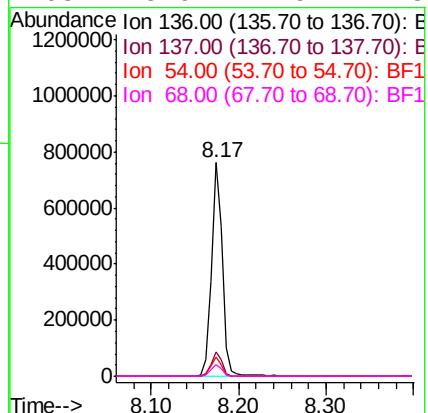
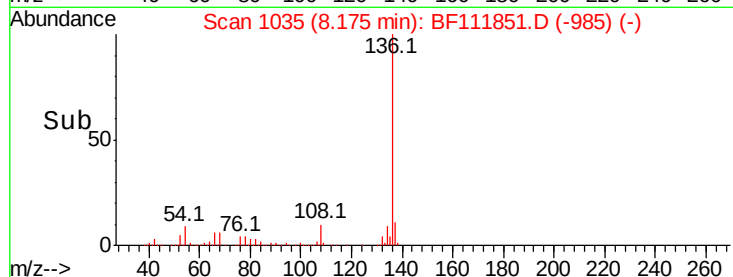
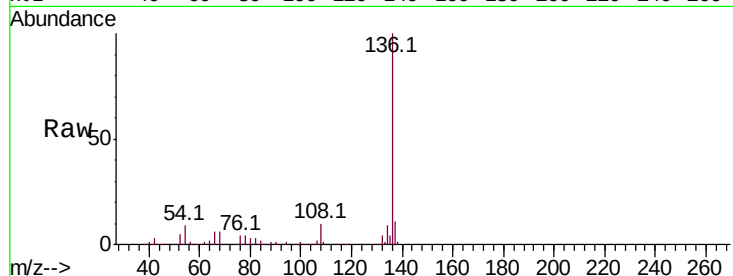
Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





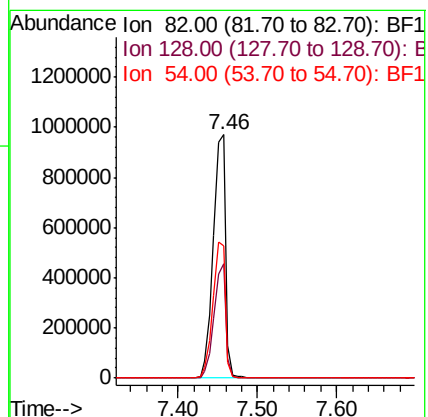
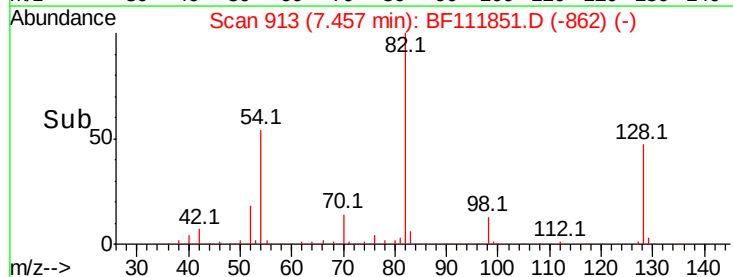
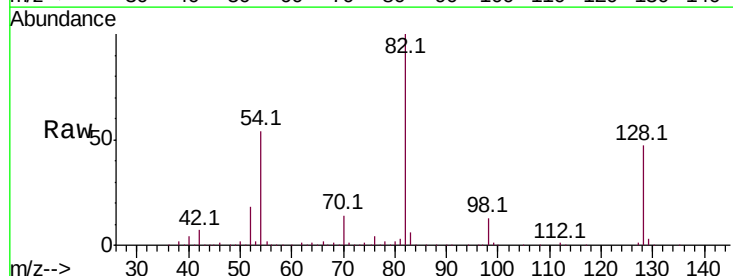
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111851.D
Acq: 4 Jan 2019 18:14

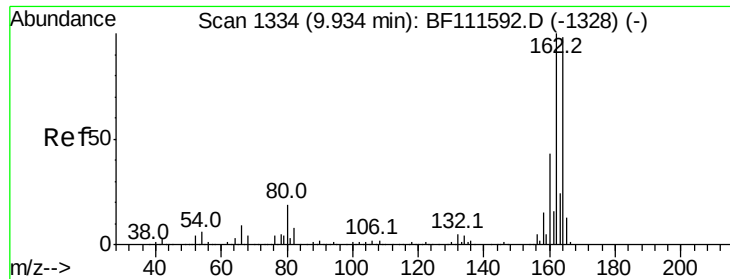
Tot Ion:136	Resp: 656721
Ion Ratio	Lower Upper
136 100	
137 11.2	9.1 13.7
54 9.2	7.7 11.5
68 5.6	4.9 7.3



#23
Nitrobenzene-d5
Concen: 93.733 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111851.D
Acq: 4 Jan 2019 18:14

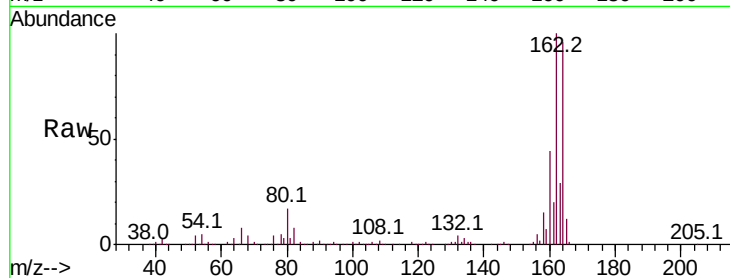
Tgt Ion: 82	Resp: 1057525
Ion Ratio	Lower Upper
82 100	
128 46.7	37.4 56.2
54 54.5	47.6 71.4



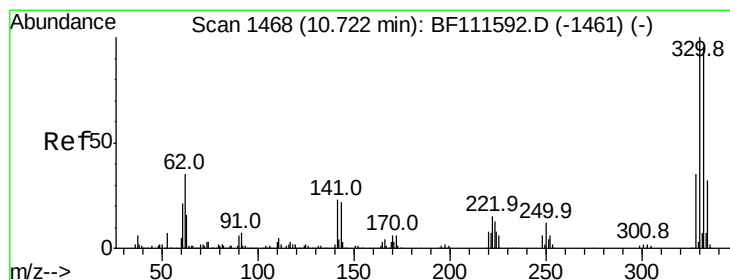
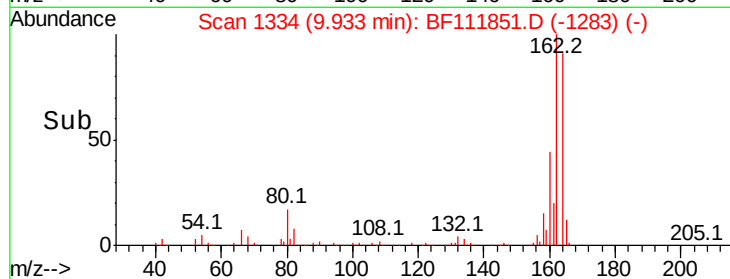
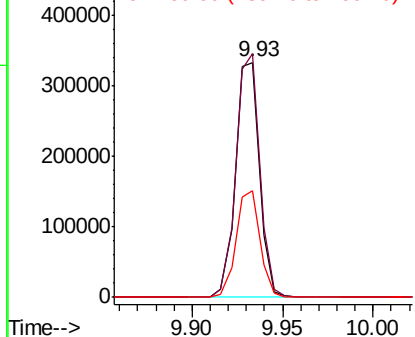


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF111851.D
 Acq: 4 Jan 2019 18:14

Tot Ion:164 Resp: 307070
 Ion Ratio Lower Upper
 164 100
 162 103.7 81.4 122.0
 160 45.5 35.7 53.5

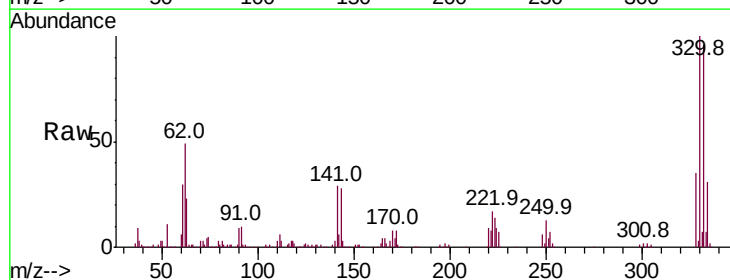


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

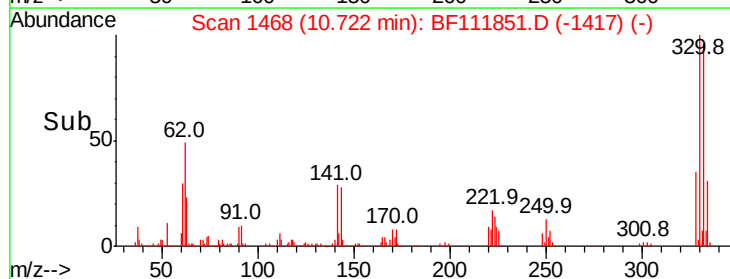
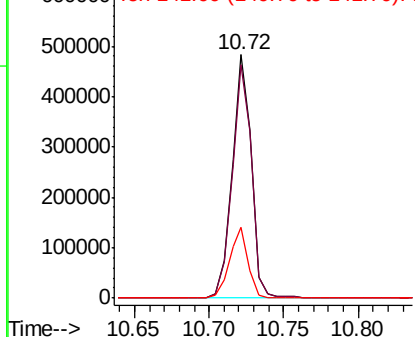


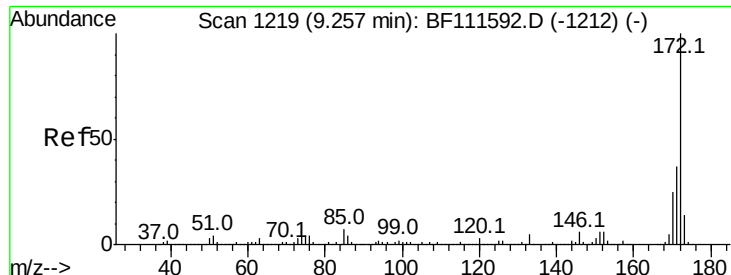
#42
 2,4,6-Tribromophenol
 Concen: 120.987 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF111851.D
 Acq: 4 Jan 2019 18:14

Tgt Ion:330 Resp: 438972
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.0 114.0
 141 28.4 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

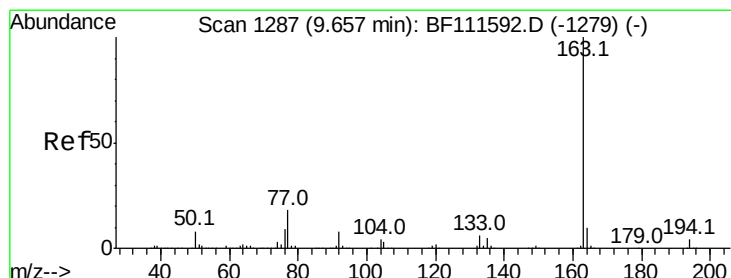
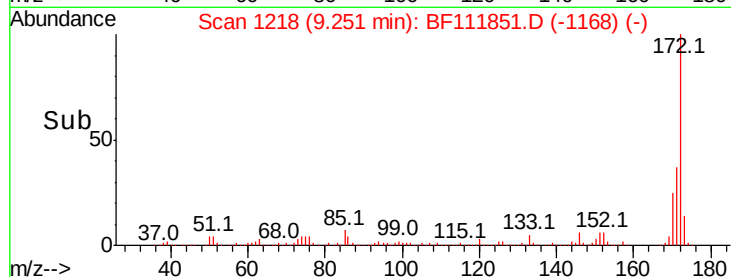
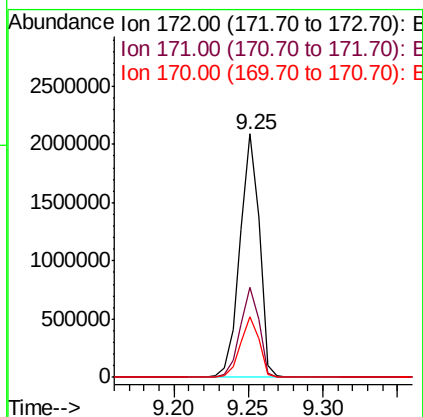
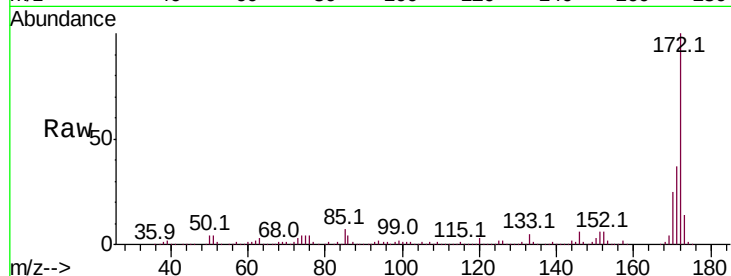




#45
 2-Fluorobiphenyl
 Concen: 90.334 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111851.D
 Acq: 4 Jan 2019 18:14

Tot Ion:172 Resp: 1903088

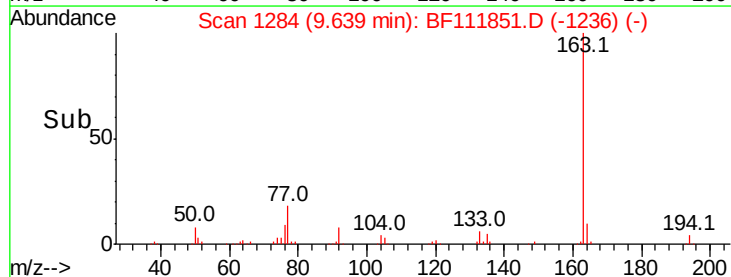
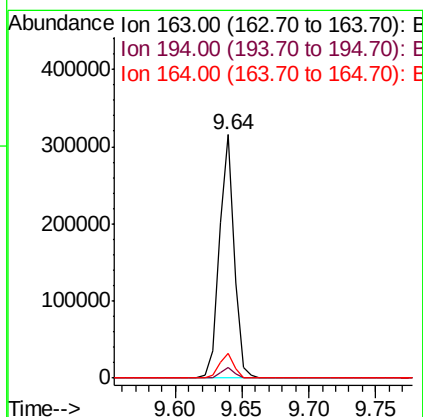
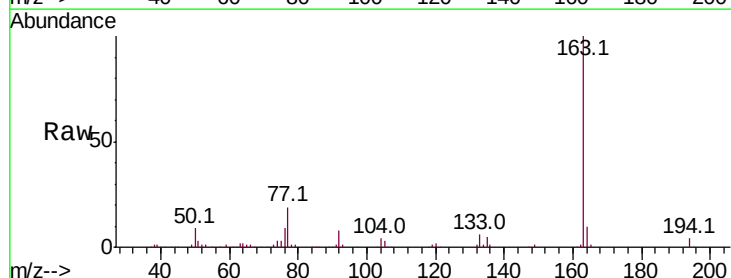
Ion	Ratio	Lower	Upper
172	100		
171	36.9	33.0	49.4
170	25.0	22.3	33.5

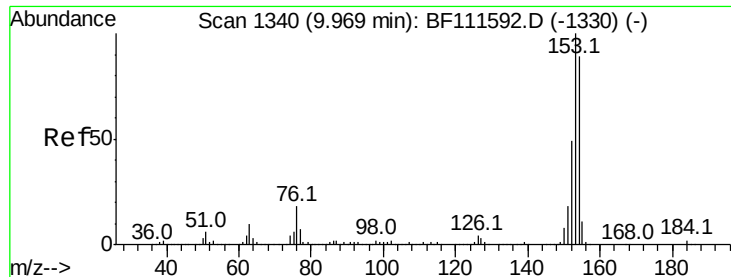


#50
 Dimethylphthalate
 Concen: 11.063 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF111851.D
 Acq: 4 Jan 2019 18:14

Tgt Ion:163 Resp: 248431

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.6
164	9.9	8.9	13.3





#52

Acenaphthene

Concen: 2.587 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF111851.D

Acq: 4 Jan 2019 18:14

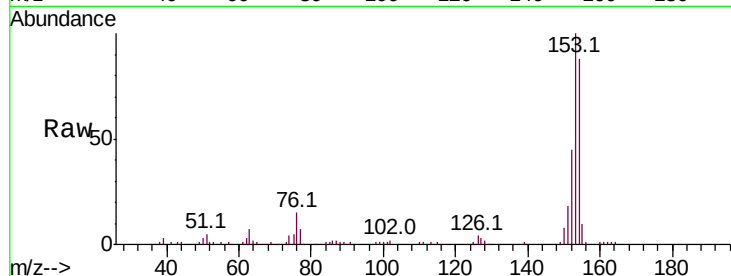
Tot Ion:154 Resp: 47838

Ion Ratio Lower Upper

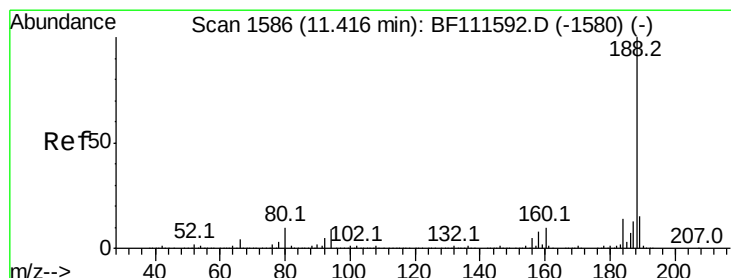
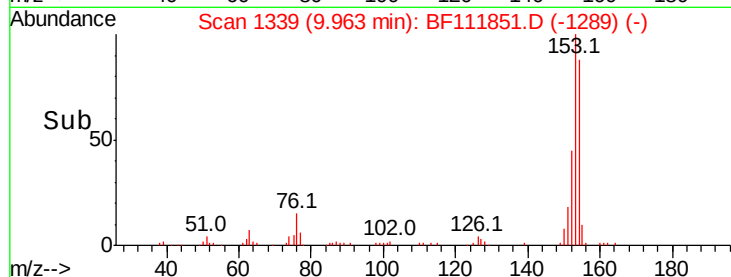
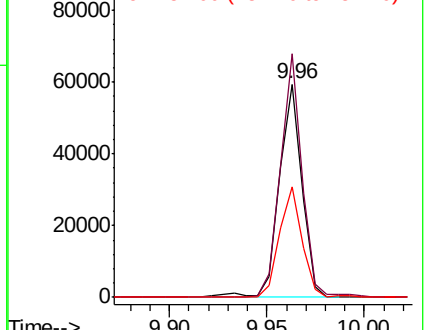
154 100

153 114.1 87.8 131.8

152 51.5 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111851.D

Acq: 4 Jan 2019 18:14

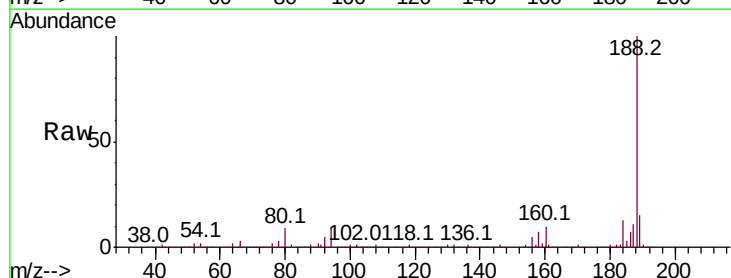
Tgt Ion:188 Resp: 469075

Ion Ratio Lower Upper

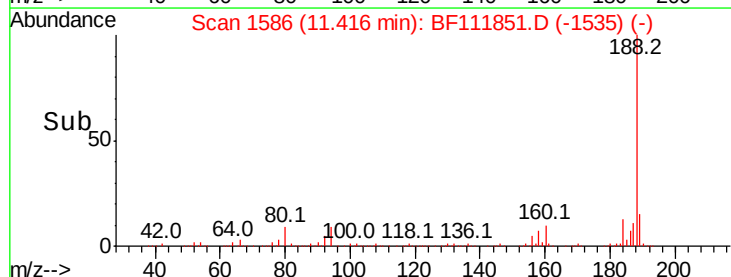
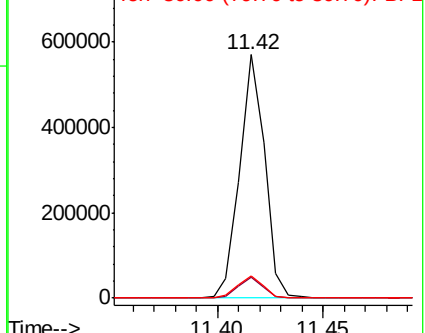
188 100

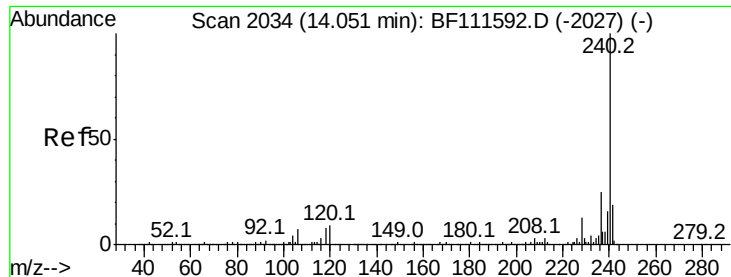
94 8.7 9.6 14.4#

80 9.3 9.8 14.6#



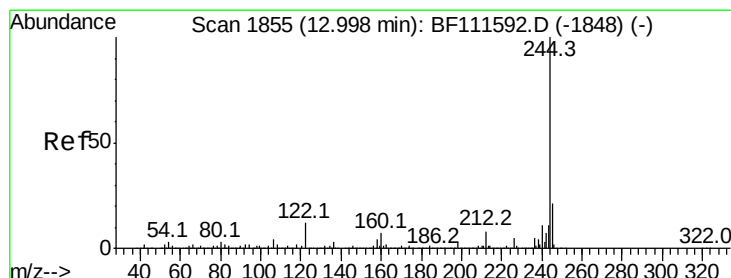
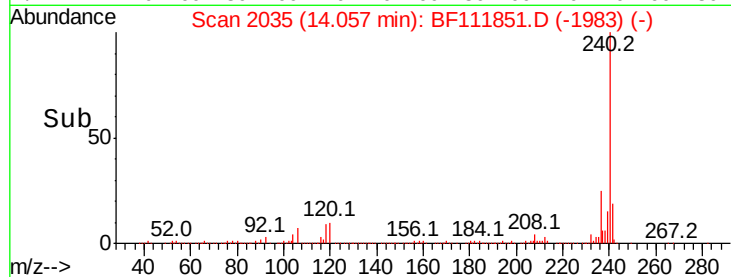
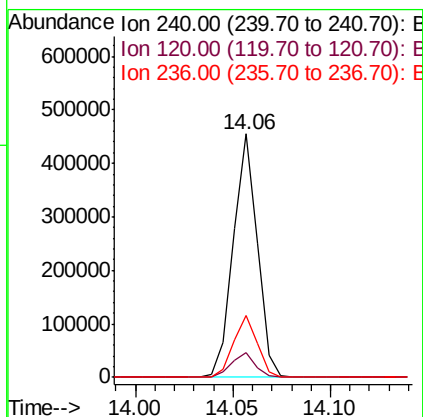
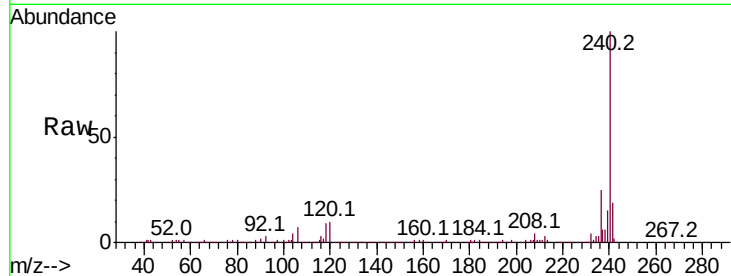
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





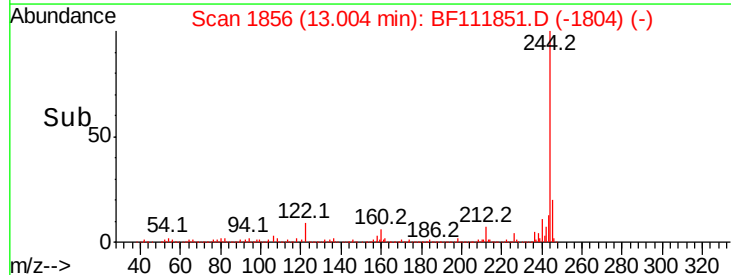
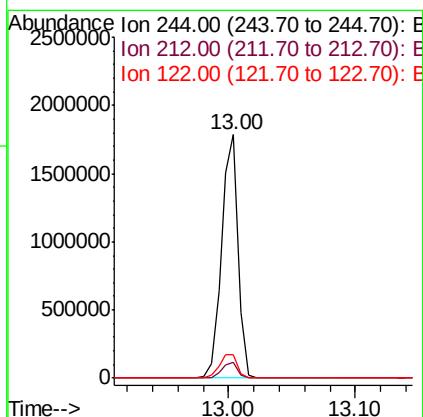
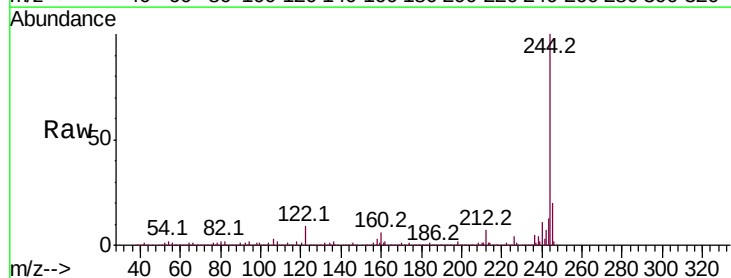
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF111851.D
 Acq: 4 Jan 2019 18:14

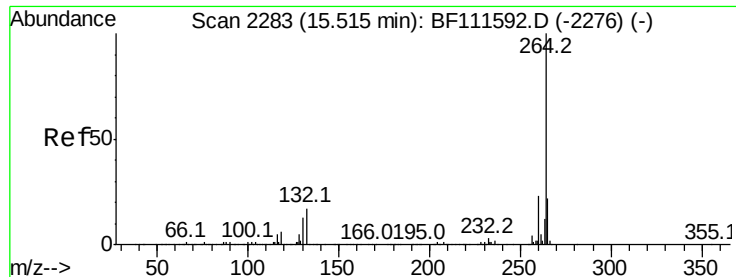
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	12.2	18.2#
236	25.3	20.2	30.2



#79
 Terphenyl-d14
 Concen: 78.597 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: BF111851.D
 Acq: 4 Jan 2019 18:14

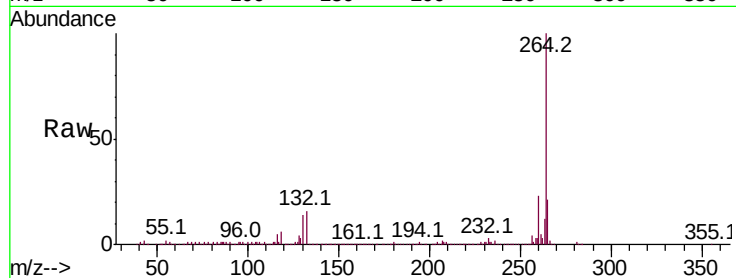
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	9.4	13.1	19.7#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.03 min
Lab File: BF111851.D
Acq: 4 Jan 2019 18:14

Tot Ion:	264	Resp:	392552
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	20.8	17.7	26.5



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

