

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
 Data File : BF114051.D
 Acq On : 30 Apr 2019 19:16
 Operator : JU/SJ
 Sample : K2616-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FOUNDATION-B

Quant Time: May 01 05:56:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

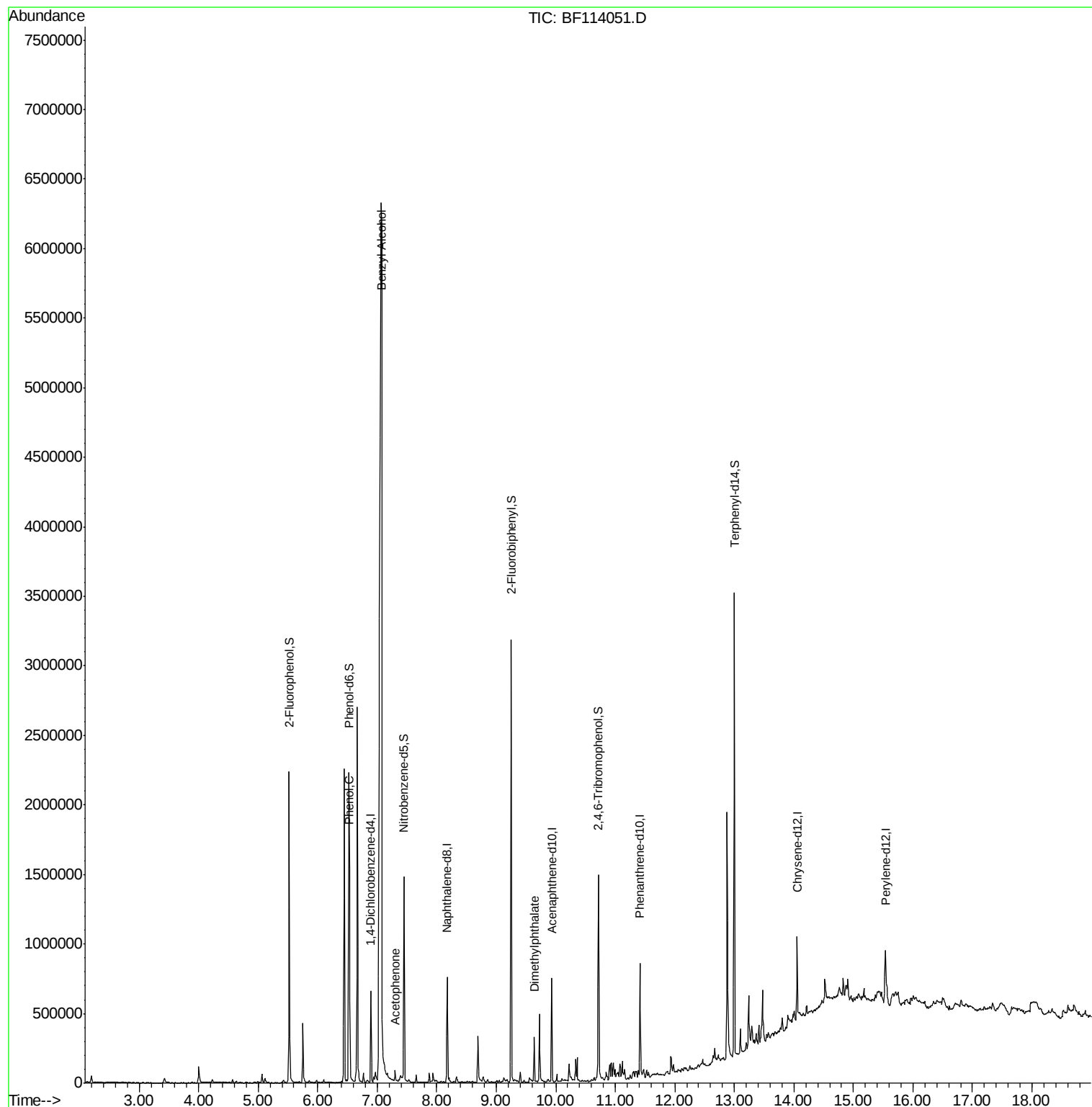
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	102128	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	349049	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	156624	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	307377	20.00	ng	0.00
76) Chrysene-d12	14.05	240	220379	20.00	ng	-0.02
87) Perylene-d12	15.54	264	185434	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	674309	112.93	ng	0.00
7) Phenol-d6	6.53	99	912279	121.77	ng	0.00
23) Nitrobenzene-d5	7.45	82	486059	85.98	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	204620	107.24	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	986377	98.50	ng	0.00
79) Terphenyl-d14	13.00	244	1139098	105.97	ng	0.00
Target Compounds						
10) Phenol	6.54	94	84688	9.454	ng	96
15) Benzyl Alcohol	7.07	79	3146627	623.647	ng	99
22) Acetophenone	7.30	105	22052	2.839	ng	# 90
50) Dimethylphthalate	9.64	163	129541	11.436	ng	98

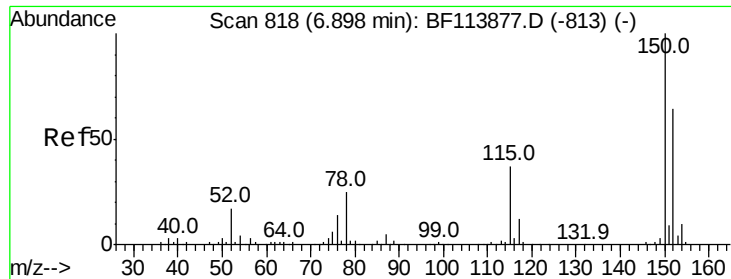
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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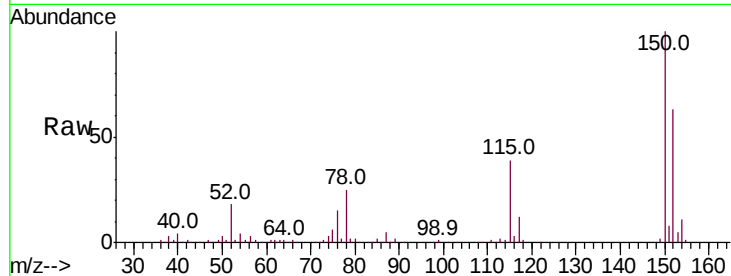


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF114051.D
 Acq: 30 Apr 2019 19:16

Instrument :
 BNA_F
 ClientSampleId :
 FOUNDATION-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	125.9	188.9
115	62.4	45.9	68.9

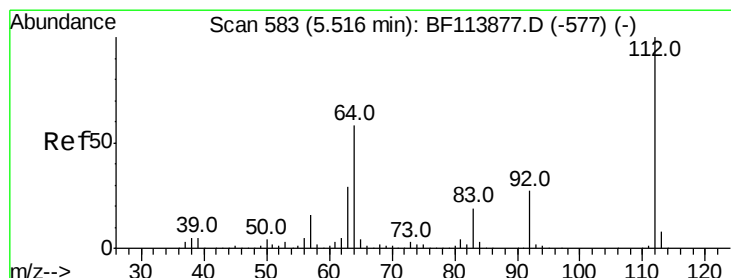
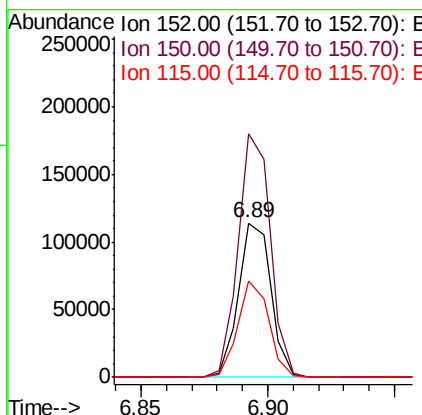
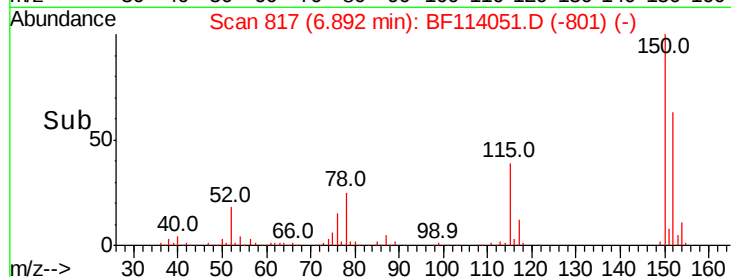


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

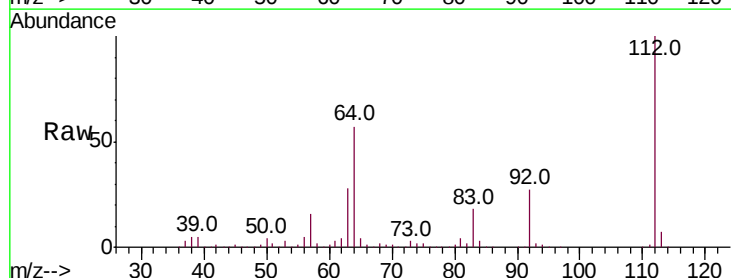
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 112.928 ng
 RT: 5.52 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF114051.D
 Acq: 30 Apr 2019 19:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	46.6	69.8
63	27.9	23.1	34.7

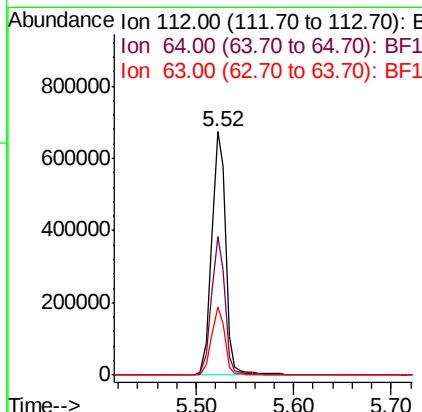
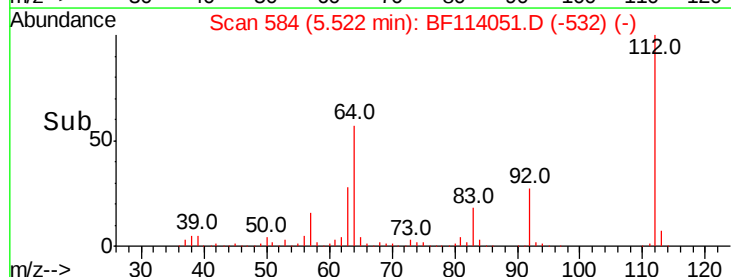


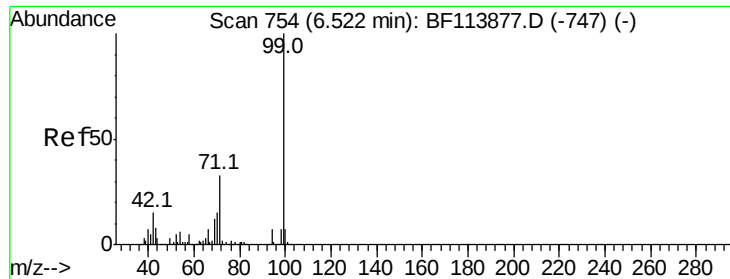
Abundance

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: 121.775 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF114051.D

Acq: 30 Apr 2019 19:16

Instrument :

BNA_F

ClientSampleId :

FOUNDATION-B

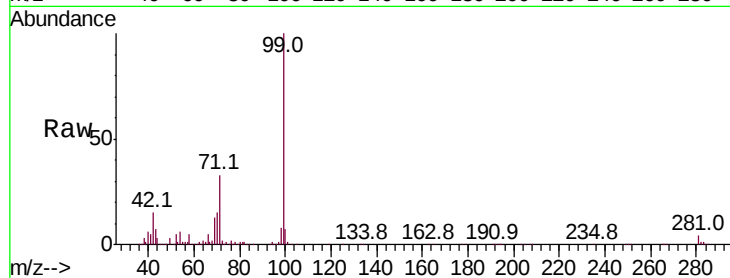
Tot Ion: 99 Resp: 912279

Ion Ratio Lower Upper

99 100

42 14.6 12.5 18.7

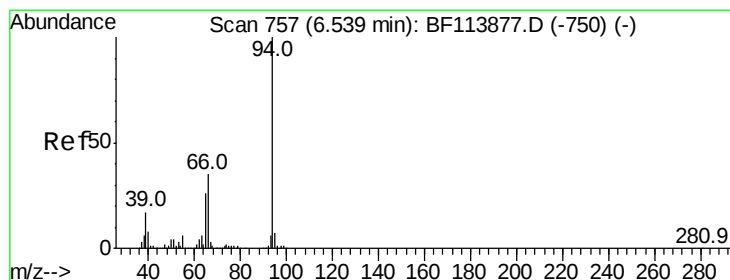
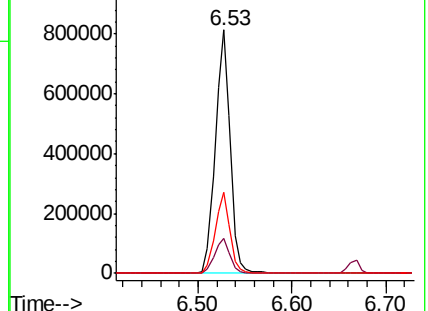
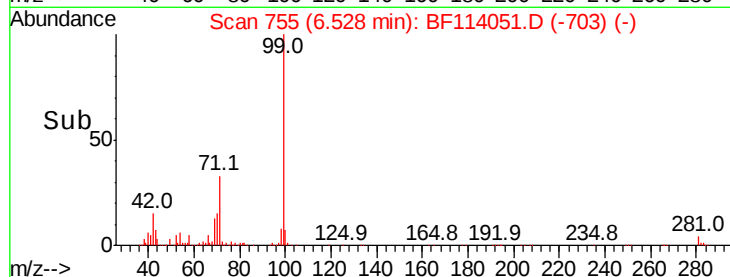
71 33.3 26.9 40.3



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



#10

Phenol

Concen: 9.454 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF114051.D

Acq: 30 Apr 2019 19:16

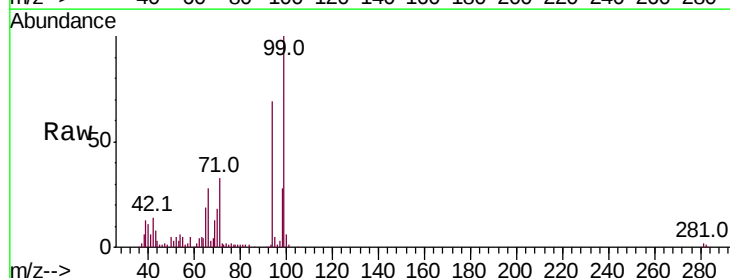
Tgt Ion: 94 Resp: 84688

Ion Ratio Lower Upper

94 100

65 27.0 8.1 48.1

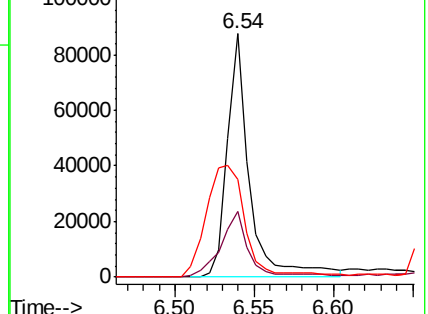
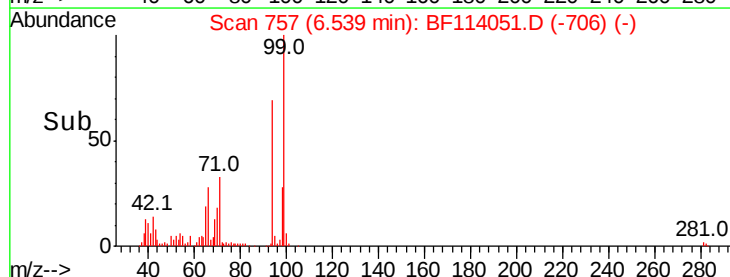
66 40.3 16.6 56.6

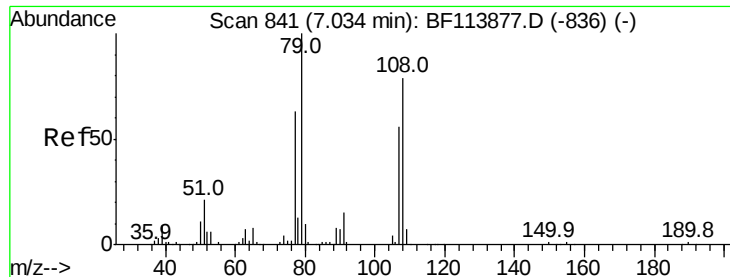


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#15

Benzyl Alcohol

Concen: 623.647 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.04 min

Lab File: BF114051.D

Acq: 30 Apr 2019 19:16

Instrument :

BNA_F

ClientSampleId :

FOUNDATION-B

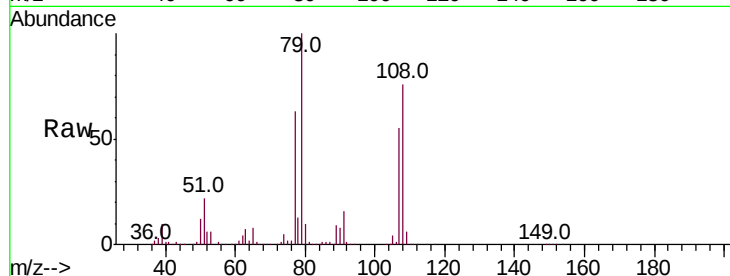
Tot Ion: 79 Resp: 3146627

Ion Ratio Lower Upper

79 100

108 76.1 61.4 92.0

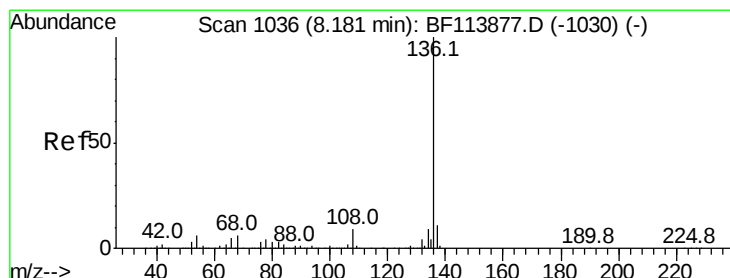
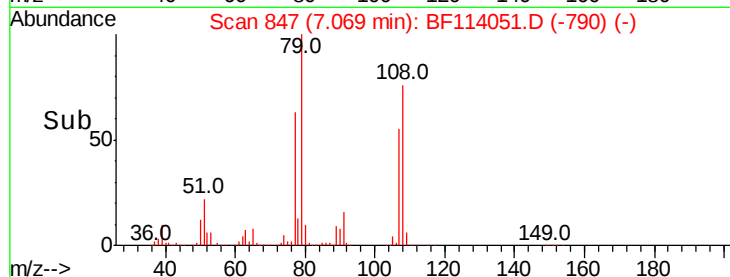
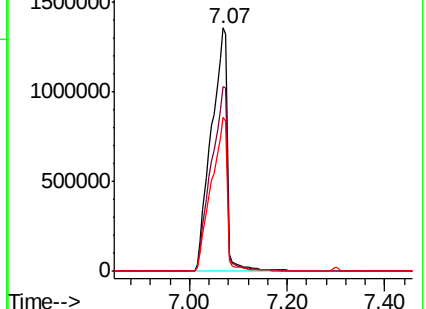
77 63.4 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF114051.D

Acq: 30 Apr 2019 19:16

Tgt Ion: 136 Resp: 349049

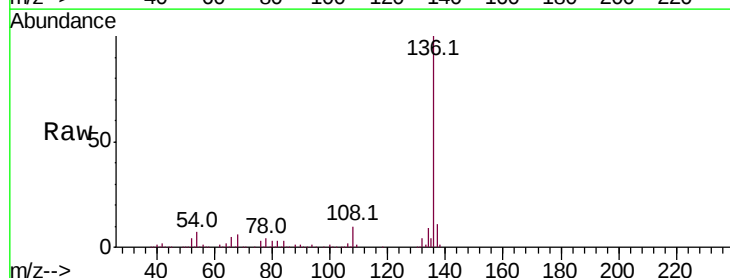
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 6.7 5.0 7.6

68 6.2 4.9 7.3

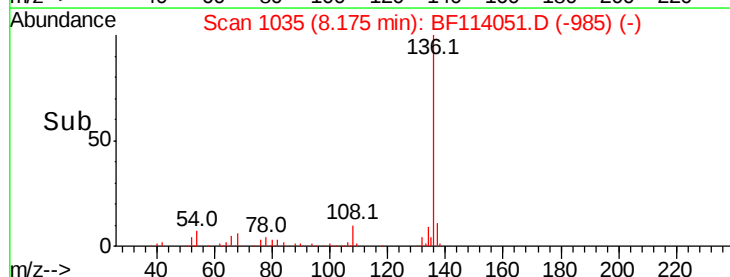
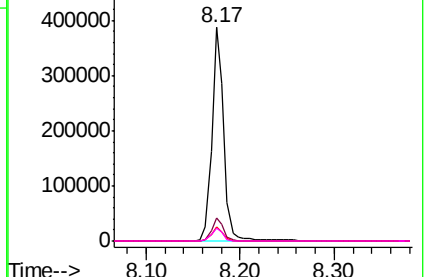


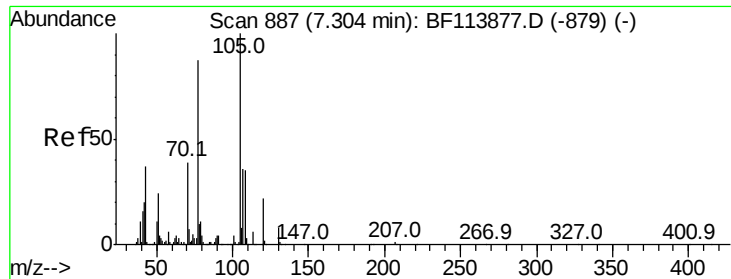
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

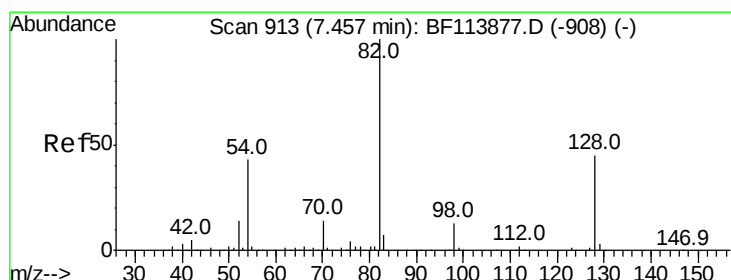
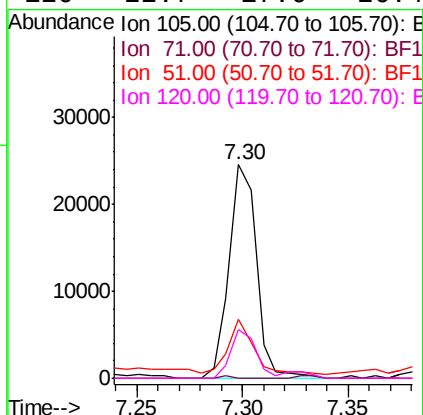
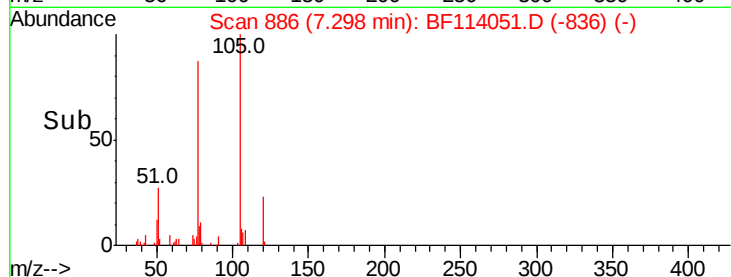
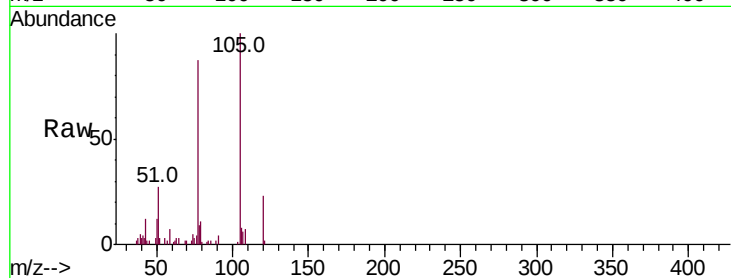




#22
Acetophenone
Concen: 2.839 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF114051.D
Acq: 30 Apr 2019 19:16

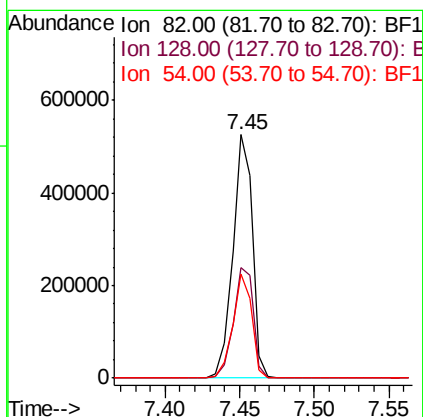
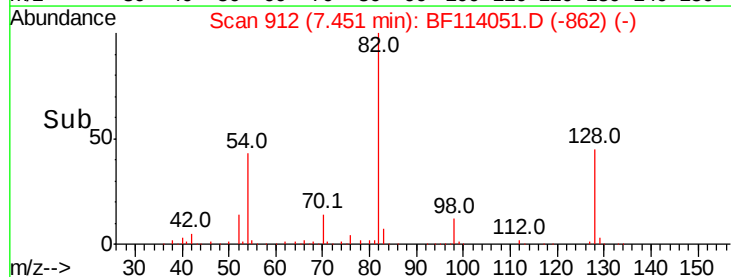
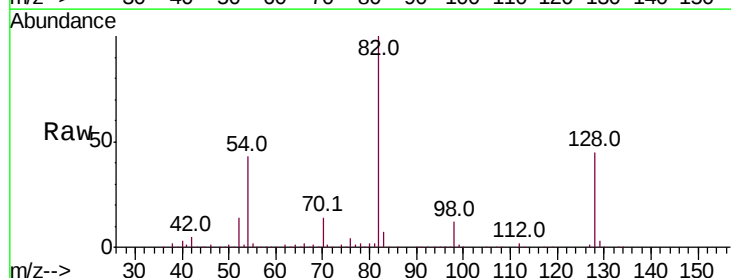
Instrument :
BNA_F
ClientSampleId :
FOUNDATION-B

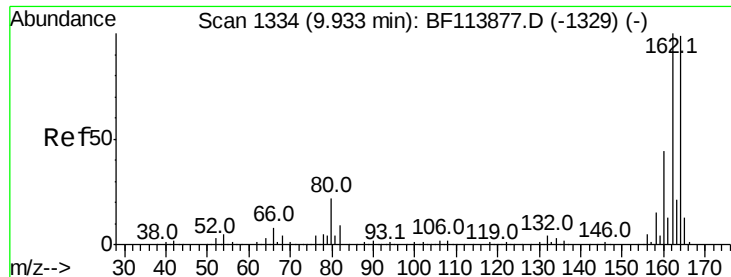
Tot Ion:105 Resp: 22052
Ion Ratio Lower Upper
105 100
71 0.0 6.1 9.1#
51 27.4 16.8 25.2#
120 22.7 17.6 26.4



#23
Nitrobenzene-d5
Concen: 85.980 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF114051.D
Acq: 30 Apr 2019 19:16

Tgt Ion: 82 Resp: 486059
Ion Ratio Lower Upper
82 100
128 45.3 36.8 55.2
54 42.9 33.8 50.6

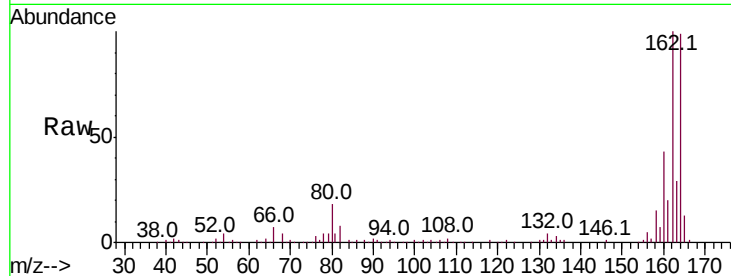




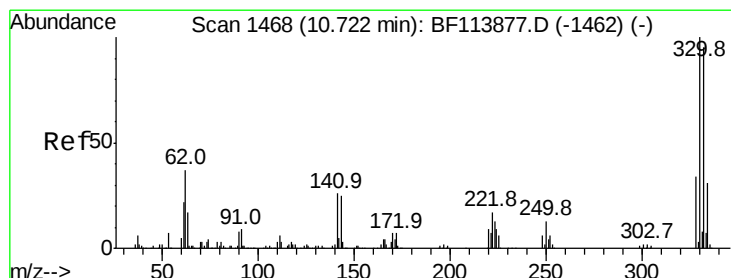
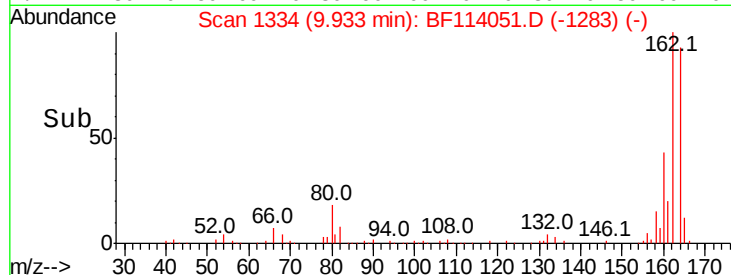
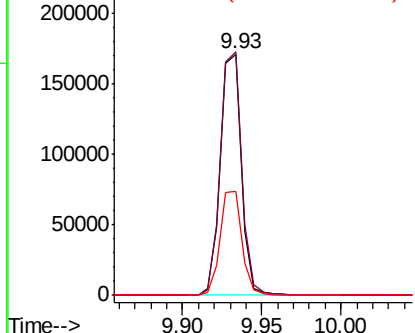
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF114051.D
Acq: 30 Apr 2019 19:16

Instrument :
BNA_F
ClientSampleId :
FOUNDATION-B

Tot Ion:164 Resp: 156624
Ion Ratio Lower Upper
164 100
162 101.0 81.1 121.7
160 43.4 35.8 53.6

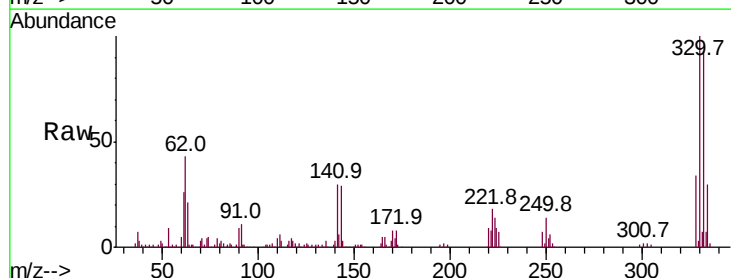


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

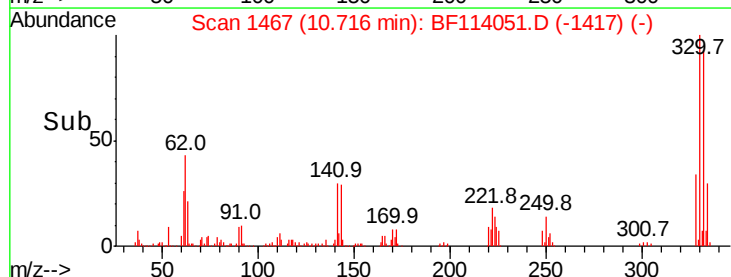
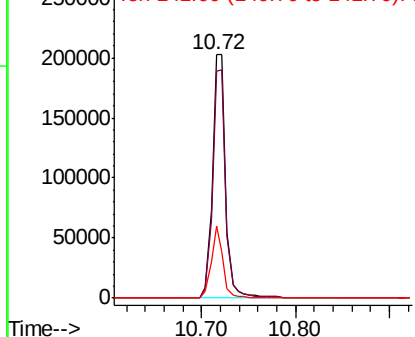


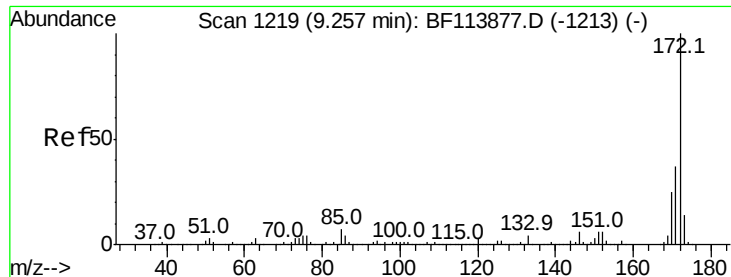
#42
2,4,6-Tribromophenol
Concen: 107.243 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF114051.D
Acq: 30 Apr 2019 19:16

Tgt Ion:330 Resp: 204620
Ion Ratio Lower Upper
330 100
332 93.3 77.5 116.3
141 26.6 22.2 33.2



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

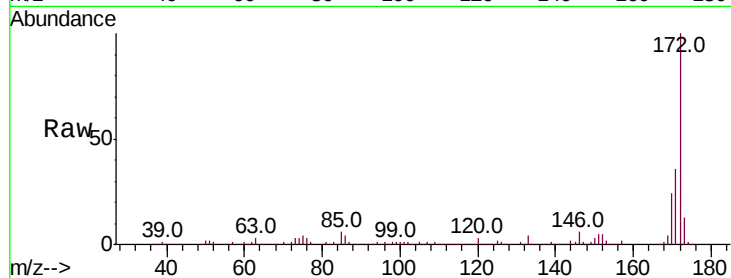




#45
 2-Fluorobiphenyl
 Concen: 98.498 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF114051.D
 Acq: 30 Apr 2019 19:16

Instrument :
 BNA_F
 ClientSampleId :
 FOUNDATION-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	23.6	19.9	29.9

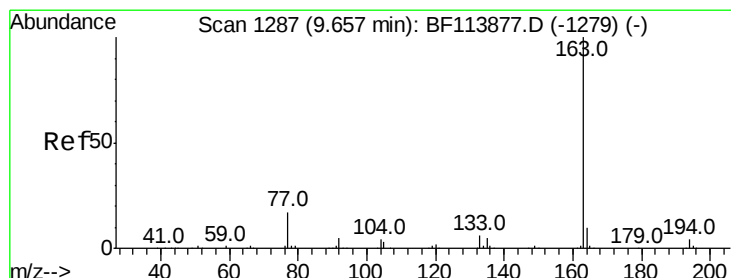
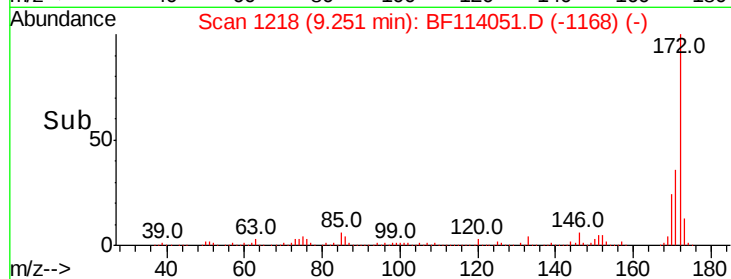
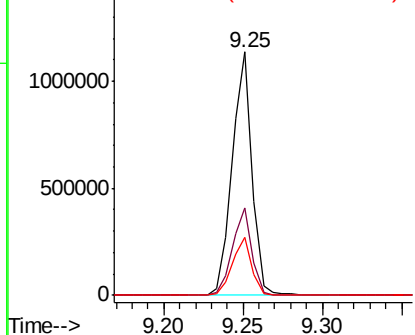


Abundance

Ion 172.00 (171.70 to 172.70): E

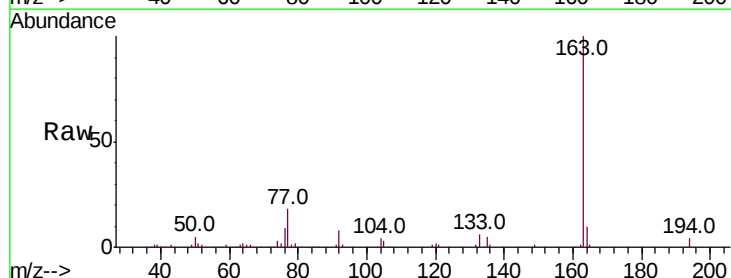
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
 Dimethylphthalate
 Concen: 11.436 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF114051.D
 Acq: 30 Apr 2019 19:16

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	9.5	8.5	12.7

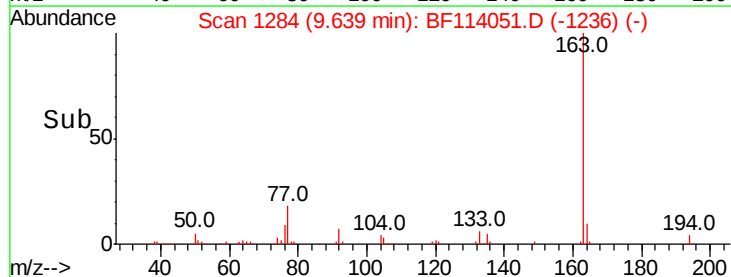
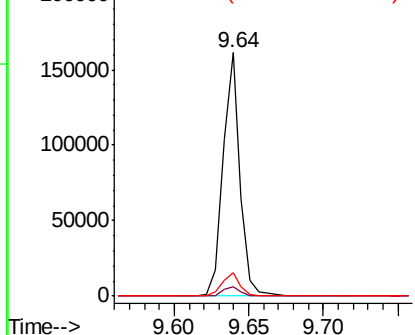


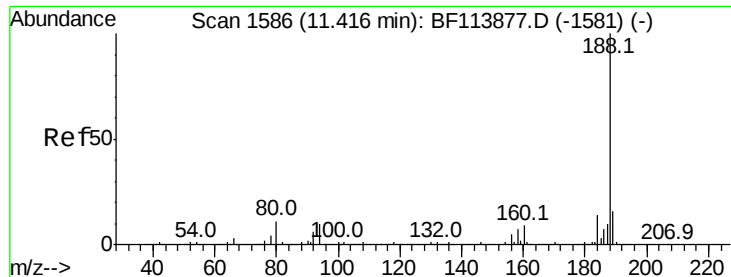
Abundance

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: BF114051.D

Acq: 30 Apr 2019 19:16

Instrument :

BNA_F

ClientSampleId :

FOUNDATION-B

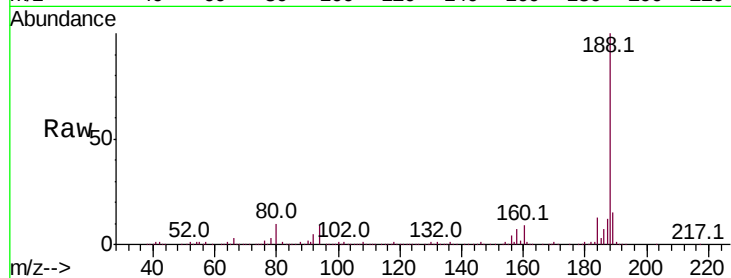
Tot Ion:188 Resp: 307377

Ion Ratio Lower Upper

188 100

94 9.0 8.2 12.4

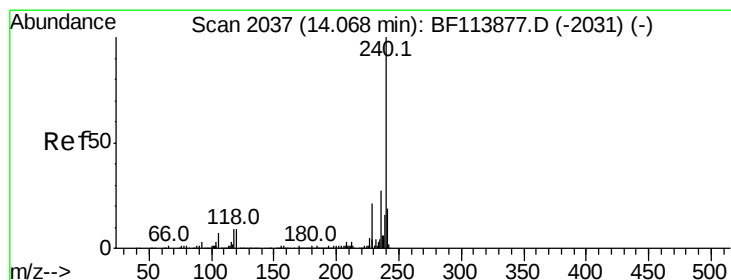
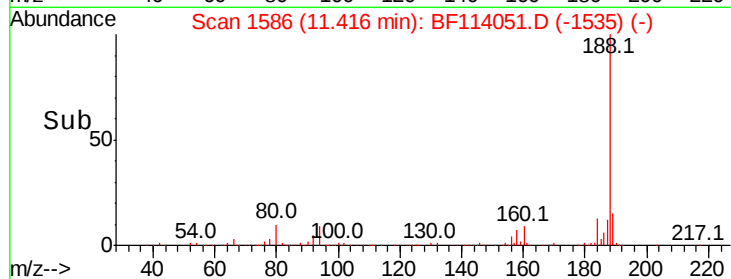
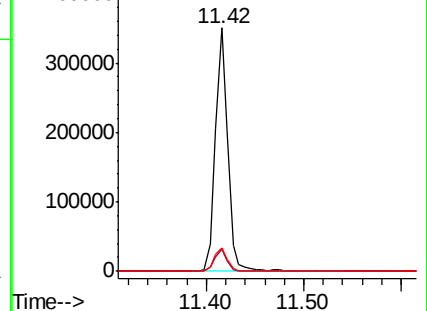
80 9.7 9.0 13.6



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: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF114051.D

Acq: 30 Apr 2019 19:16

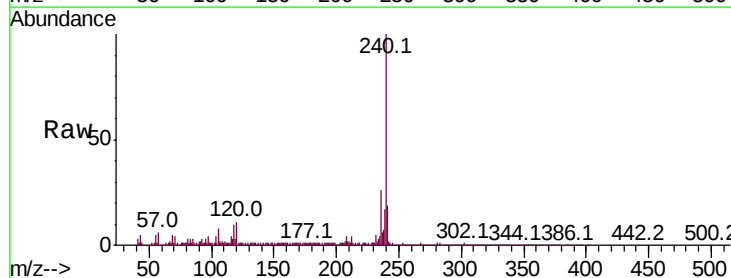
Tgt Ion:240 Resp: 220379

Ion Ratio Lower Upper

240 100

120 11.1 9.3 13.9

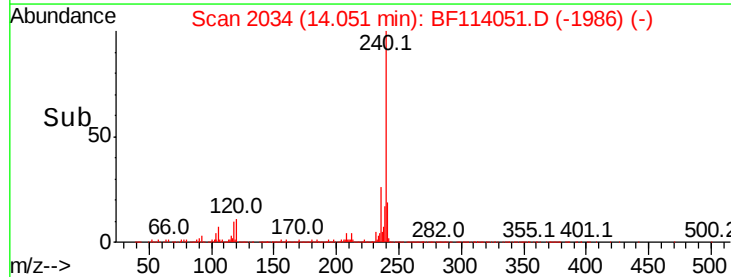
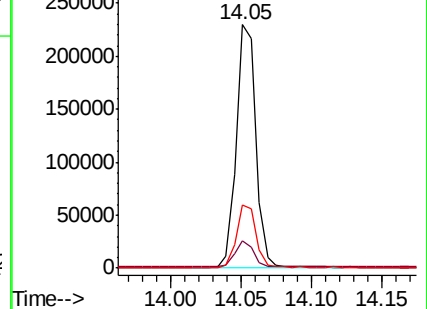
236 26.2 21.2 31.8

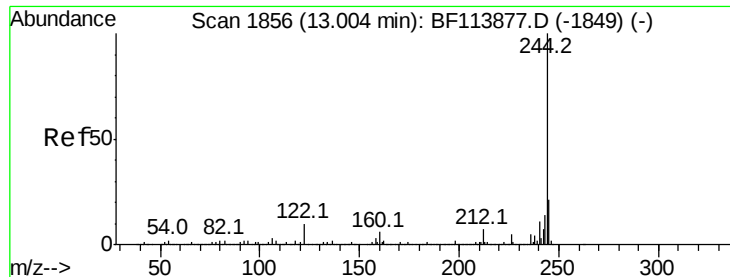


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 105.968 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF114051.D

Acq: 30 Apr 2019 19:16

Instrument :

BNA_F

ClientSampleId :

FOUNDATION-B

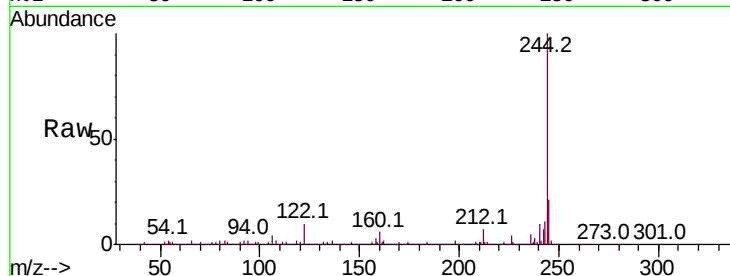
Tot Ion:244 Resp: 1139098

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

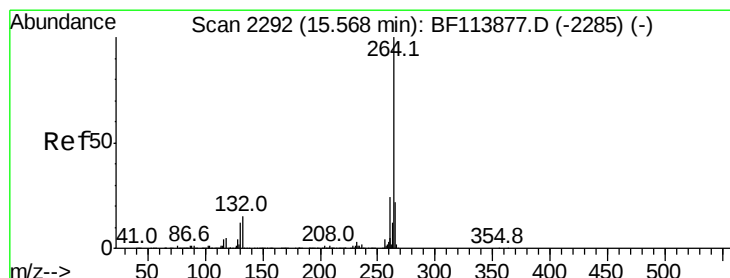
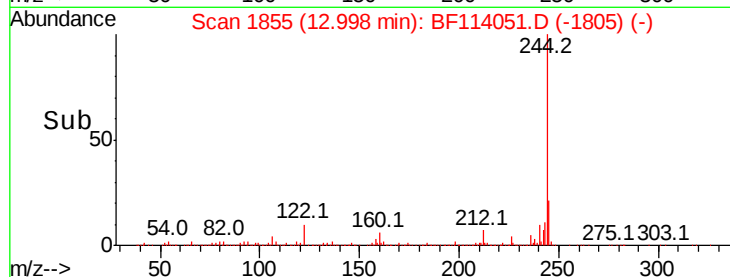
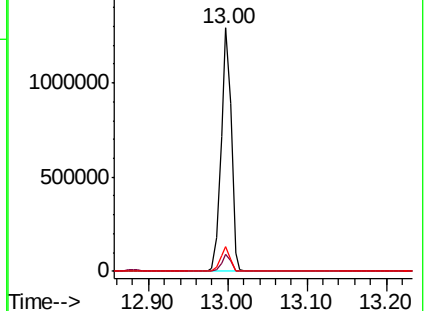
122 10.4 7.6 11.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. -0.03 min

Lab File: BF114051.D

Acq: 30 Apr 2019 19:16

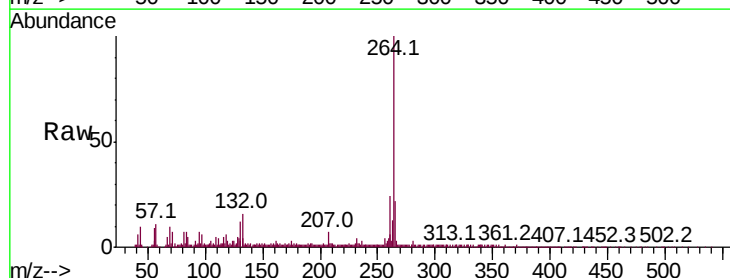
Tgt Ion:264 Resp: 185434

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 21.9 17.3 25.9



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

