

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
 Data File : BF113854.D
 Acq On : 19 Apr 2019 13:16
 Operator : JU/SJ
 Sample : K2484-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12000

Quant Time: Apr 20 00:00:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

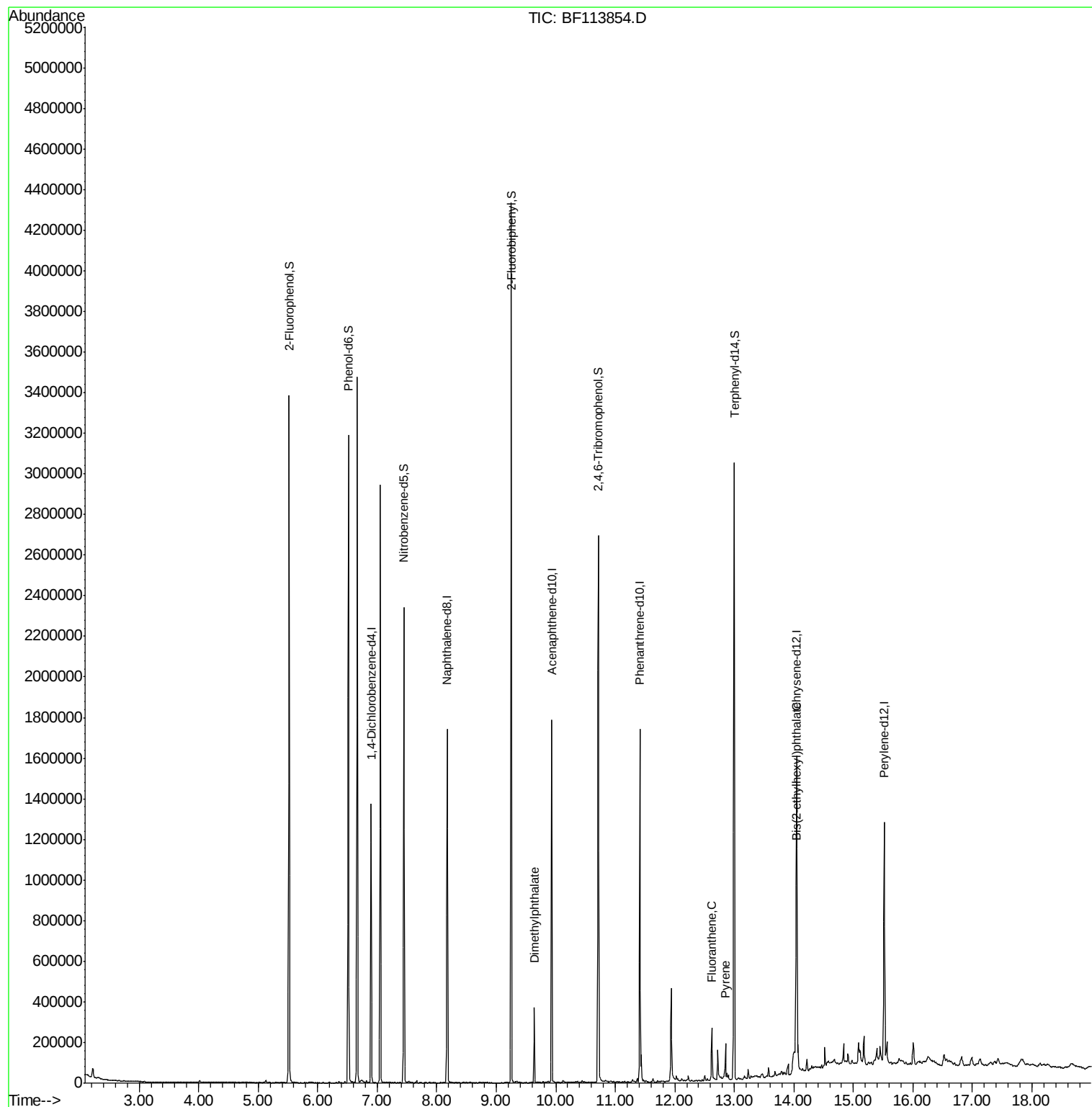
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	204363	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	762776	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	380421	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	674396	20.00	ng	0.00
76) Chrysene-d12	14.04	240	456009	20.00	ng	0.00
87) Perylene-d12	15.52	264	582242	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1000174	81.38	ng	0.01
7) Phenol-d6	6.52	99	1287200	83.98	ng	0.00
23) Nitrobenzene-d5	7.45	82	769747	61.45	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	362240	86.19	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1341086	53.76	ng	0.00
79) Terphenyl-d14	13.00	244	1130371	51.98	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	135102	5.075	ng	98
75) Fluoranthene	12.62	202	91797	2.522	ng	96
78) Pyrene	12.85	202	72605	2.259	ng	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	79484	5.581	ng	98

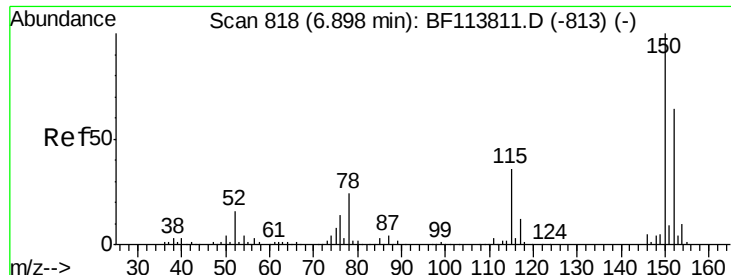
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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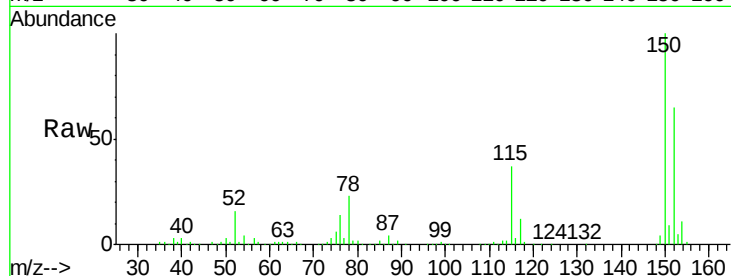


#1

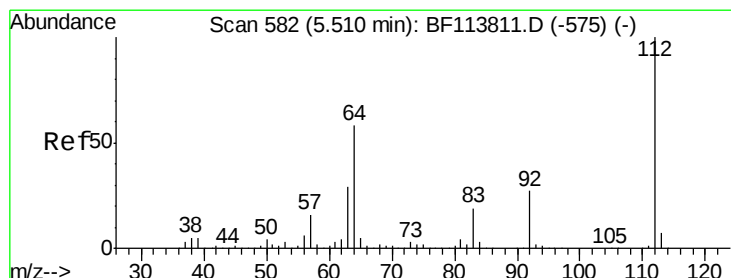
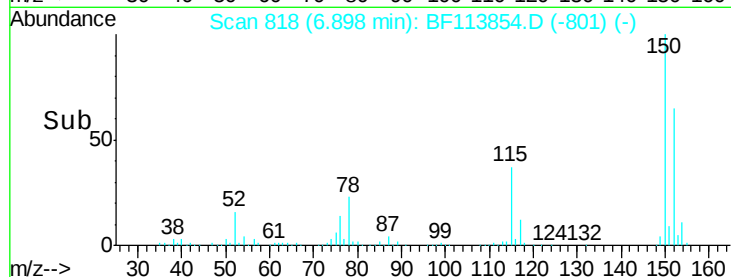
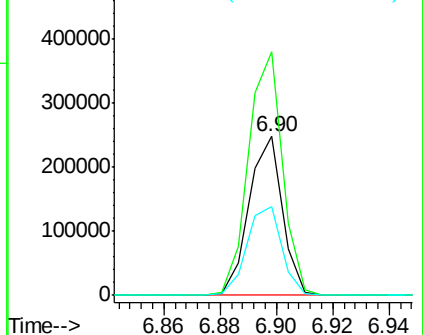
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113854.D
Acq: 19 Apr 2019 13:16

Instrument :
BNA_F
ClientSampleId :
72-12000

Tgt Ion:152 Resp: 204363
Ion Ratio Lower Upper
152 100
150 153.1 125.9 188.9
115 56.1 45.9 68.9



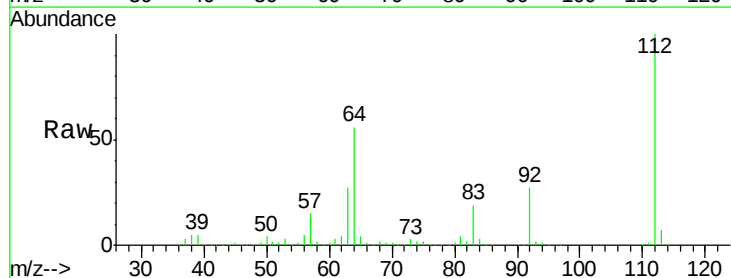
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



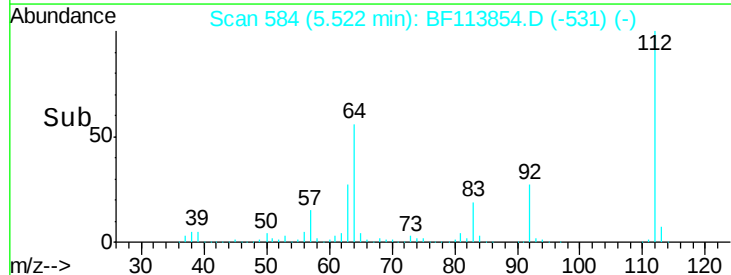
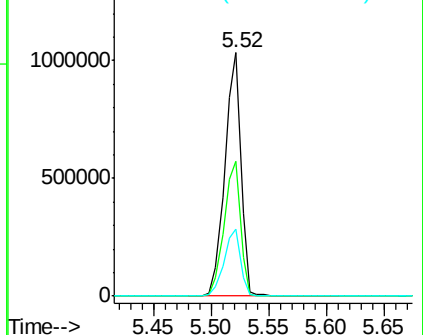
#5

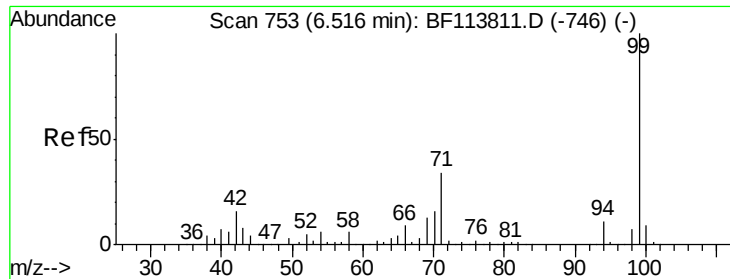
2-Fluorophenol
Concen: 81.378 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF113854.D
Acq: 19 Apr 2019 13:16

Tgt Ion:112 Resp: 1000174
Ion Ratio Lower Upper
112 100
64 55.5 46.6 69.8
63 27.4 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: 83.982 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF113854.D

Acq: 19 Apr 2019 13:16

Instrument :

BNA_F

ClientSampleId :

72-12000

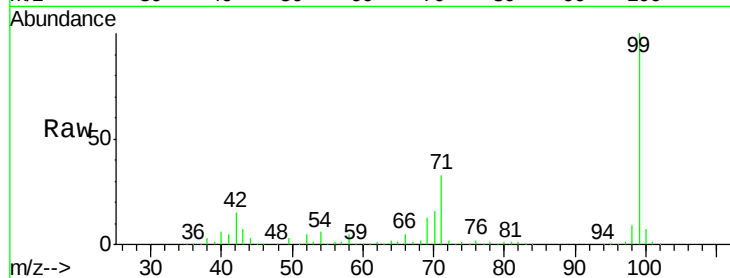
Tgt Ion: 99 Resp: 1287200

Ion Ratio Lower Upper

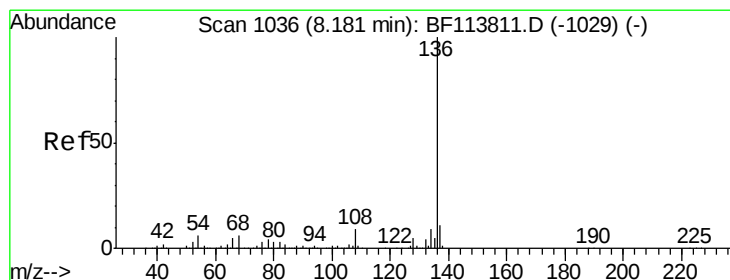
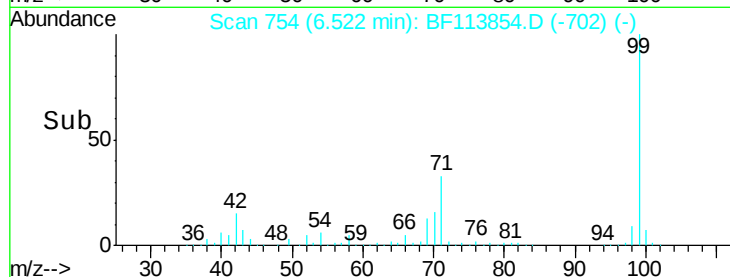
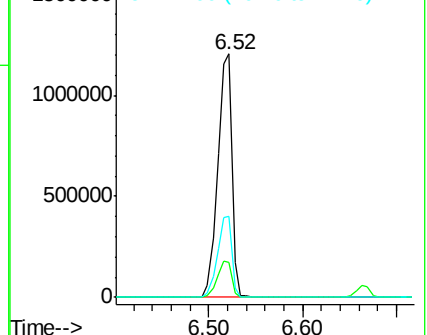
99 100

42 14.6 12.5 18.7

71 33.1 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113854.D

Acq: 19 Apr 2019 13:16

Tgt Ion: 136 Resp: 762776

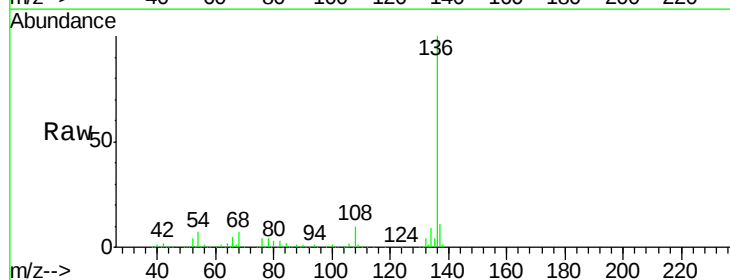
Ion Ratio Lower Upper

136 100

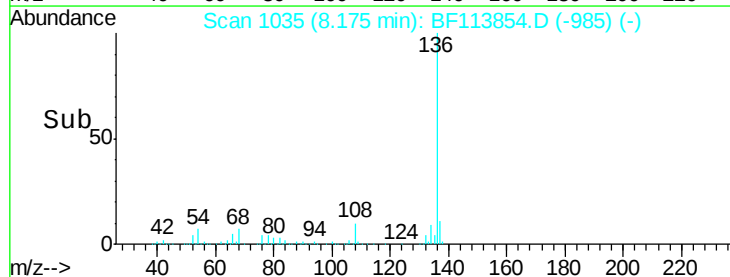
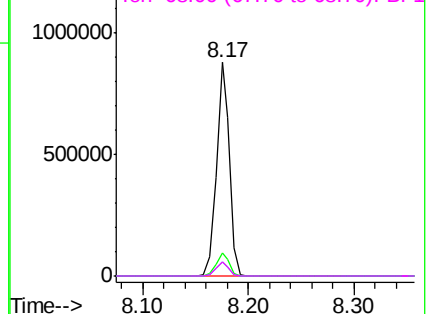
137 11.0 8.6 12.8

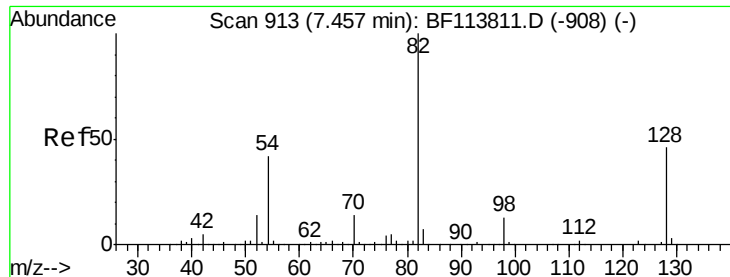
54 6.8 5.0 7.6

68 6.6 4.9 7.3



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

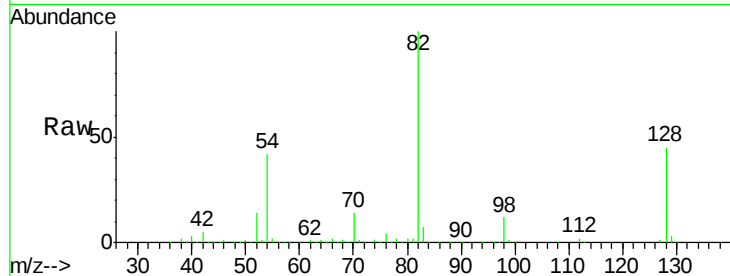




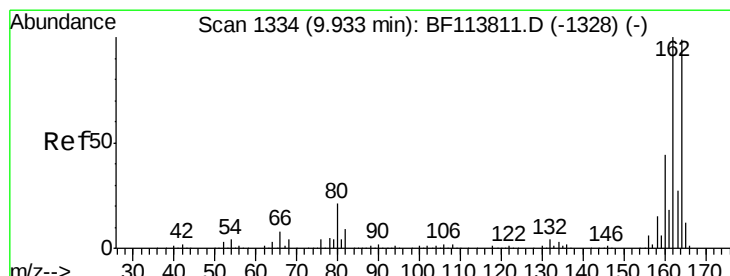
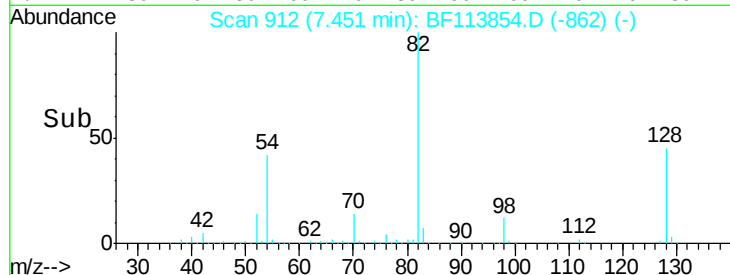
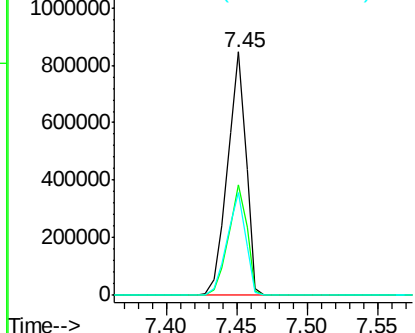
#23
 Nitrobenzene-d5
 Concen: 61.453 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF113854.D
 Acq: 19 Apr 2019 13:16

Instrument :
 BNA_F
 ClientSampleId :
 72-12000

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.8	55.2
54	42.0	33.8	50.6

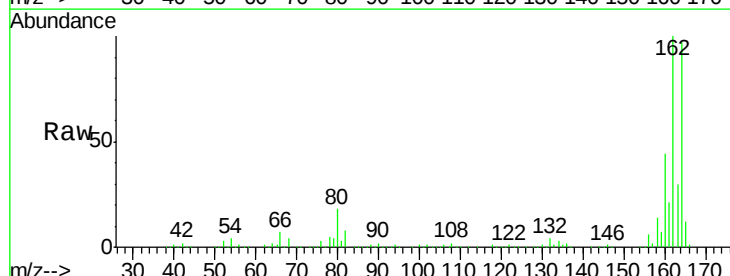


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

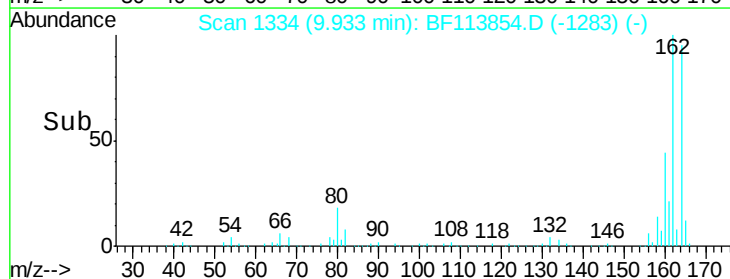
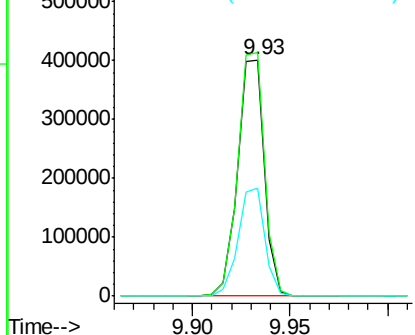


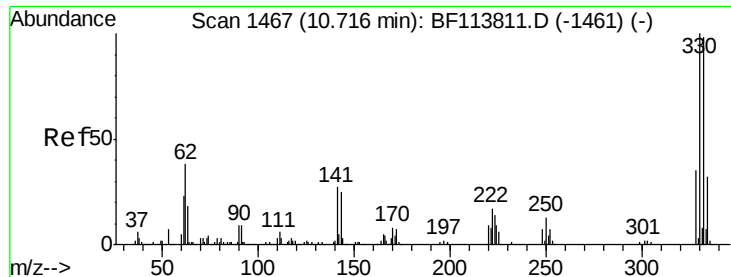
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF113854.D
 Acq: 19 Apr 2019 13:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.1	121.7
160	45.5	35.8	53.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

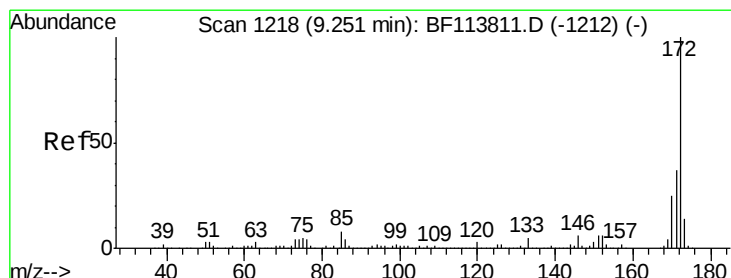
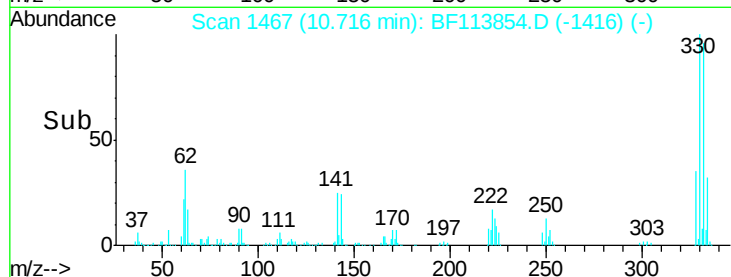
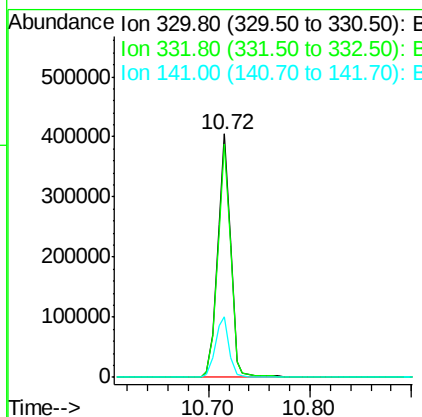
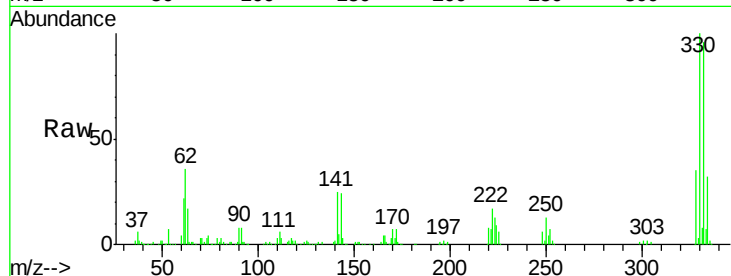




#42
 2,4,6-Tribromophenol
 Concen: 86.187 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BF113854.D
 Acq: 19 Apr 2019 13:16

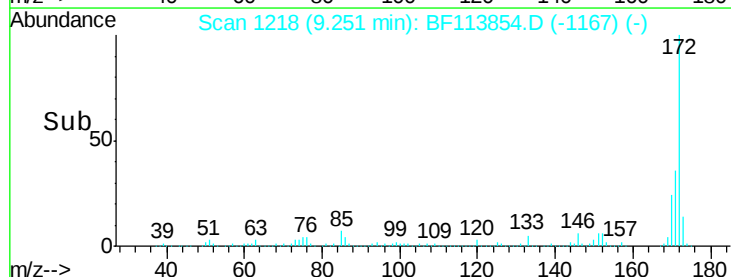
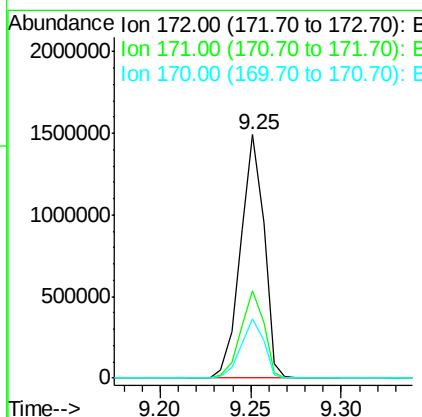
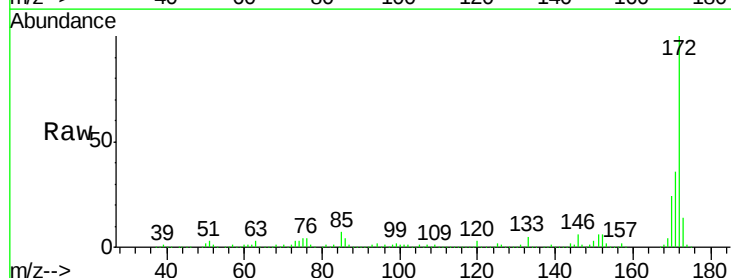
Instrument :
 BNA_F
 ClientSampleId :
 72-12000

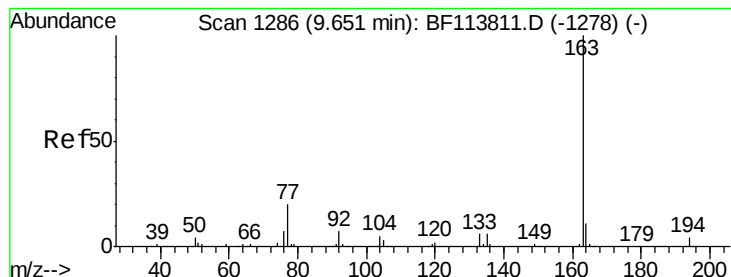
Tgt Ion:330 Resp: 362240
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.5 116.3
 141 26.7 22.2 33.2



#45
 2-Fluorobiphenyl
 Concen: 53.762 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113854.D
 Acq: 19 Apr 2019 13:16

Tgt Ion:172 Resp: 1341086
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.4 19.9 29.9





#50

Dimethylphthalate

Concen: 5.075 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF113854.D

Acq: 19 Apr 2019 13:16

Instrument :

BNA_F

ClientSampleId :

72-12000

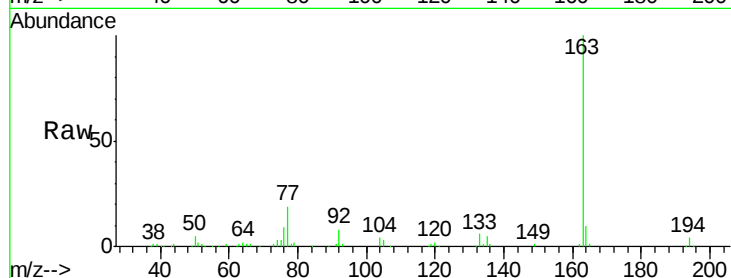
Tgt Ion:163 Resp: 135102

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

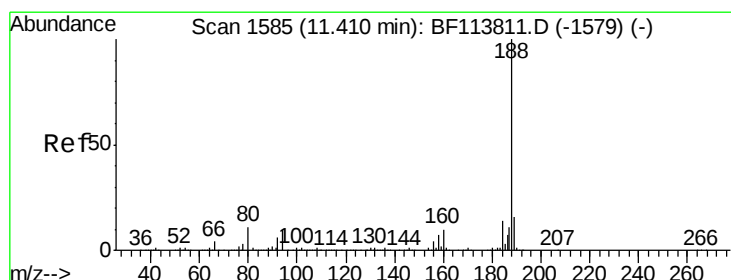
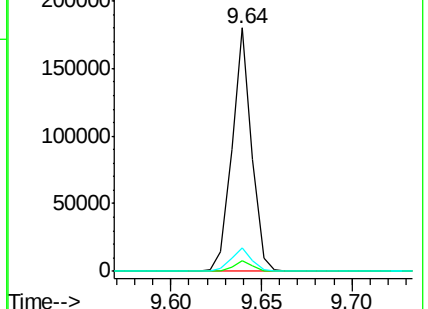
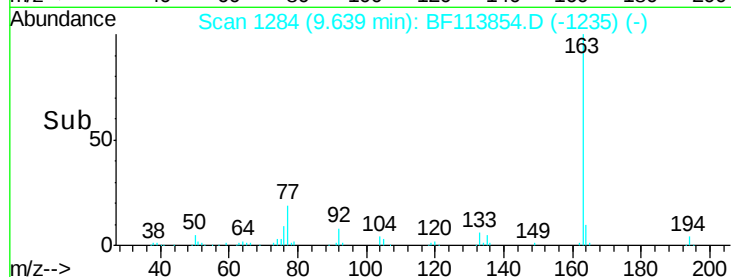
164 9.8 8.5 12.7



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. 0.01 min

Lab File: BF113854.D

Acq: 19 Apr 2019 13:16

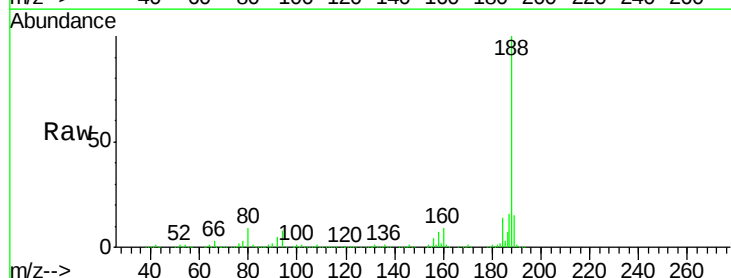
Tgt Ion:188 Resp: 674396

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.4

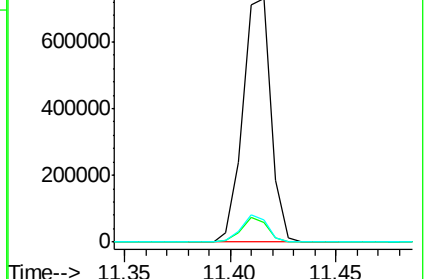
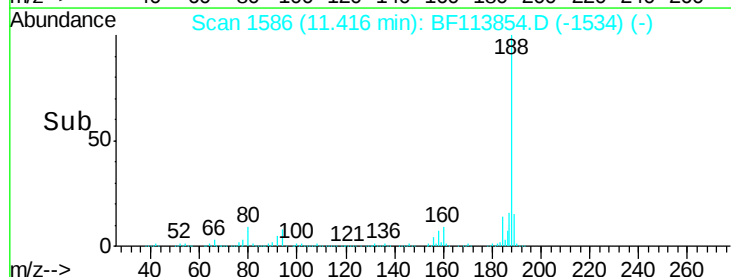
80 9.1 9.0 13.6

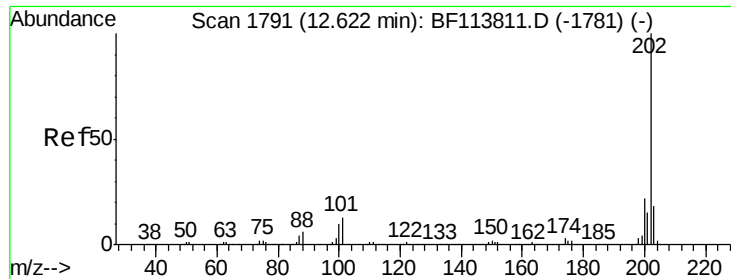


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 2.522 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF113854.D

Acq: 19 Apr 2019 13:16

Instrument :

BNA_F

ClientSampleId :

72-12000

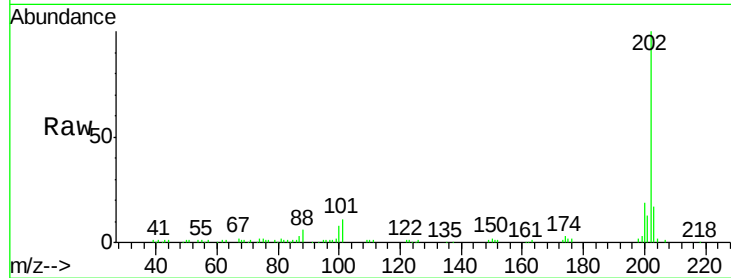
Tgt Ion: 202 Resp: 91797

Ion Ratio Lower Upper

202 100

101 10.7 0.0 32.9

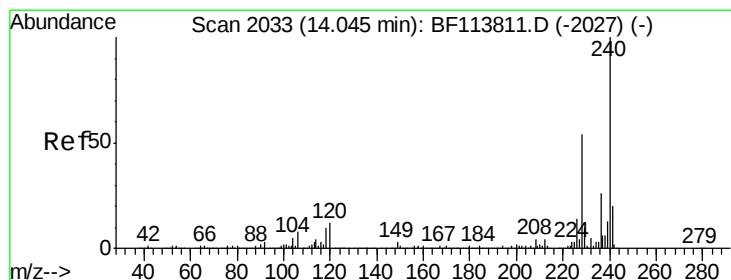
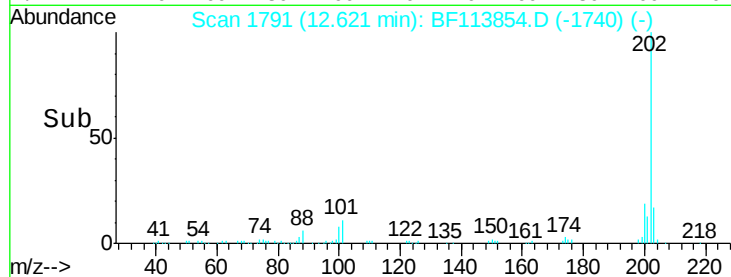
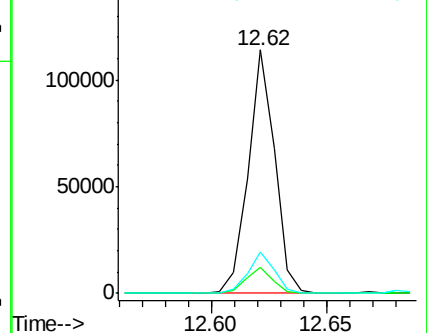
203 16.8 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF113854.D

Acq: 19 Apr 2019 13:16

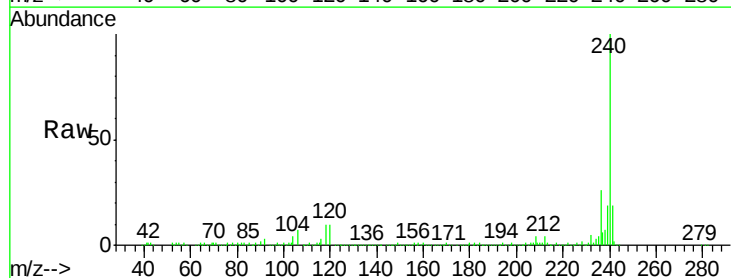
Tgt Ion: 240 Resp: 456009

Ion Ratio Lower Upper

240 100

120 10.5 9.3 13.9

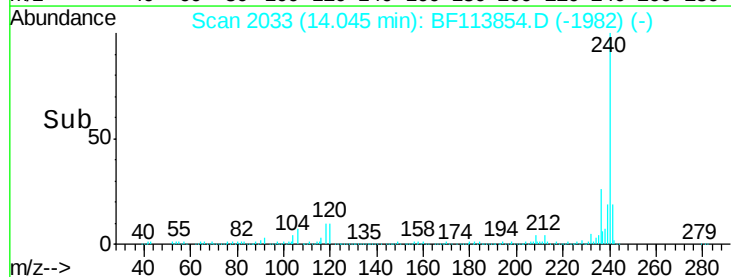
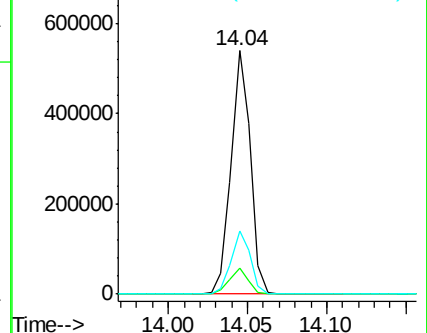
236 26.1 21.2 31.8

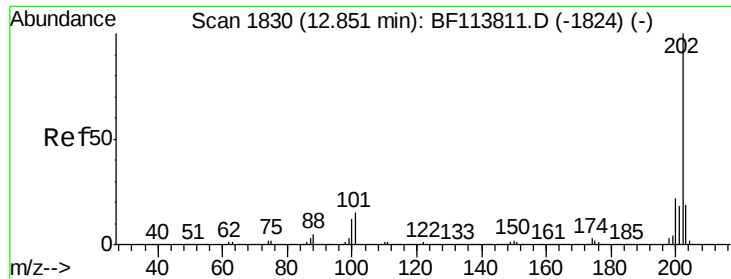


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

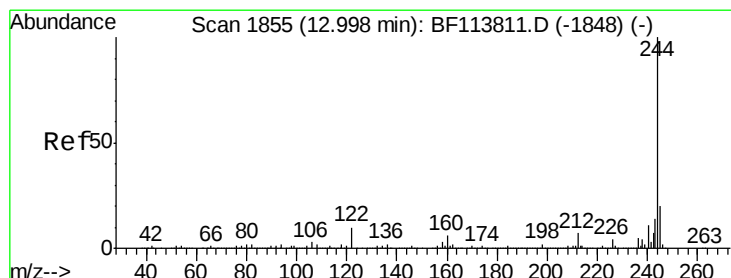
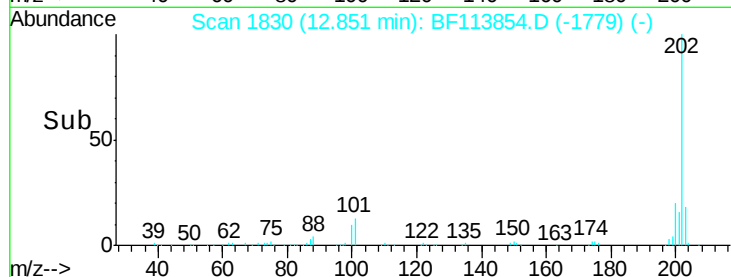
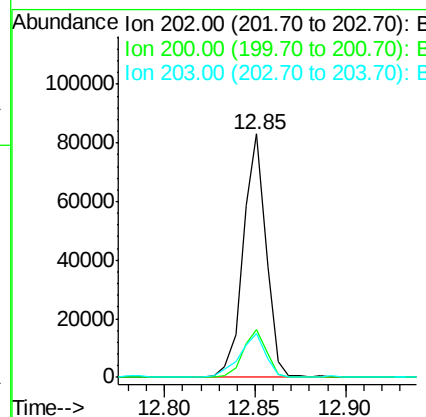
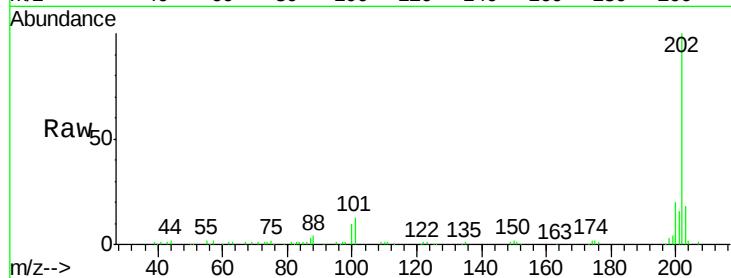




#78
Pyrene
Concen: 2.259 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF113854.D
Acq: 19 Apr 2019 13:16

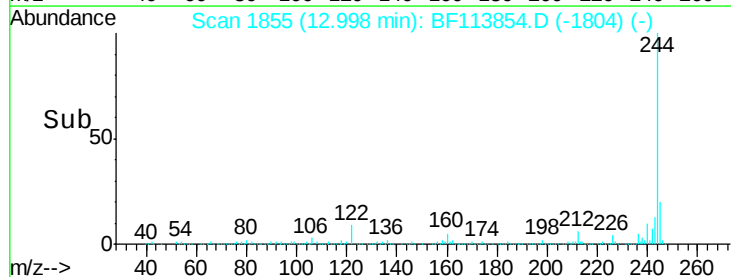
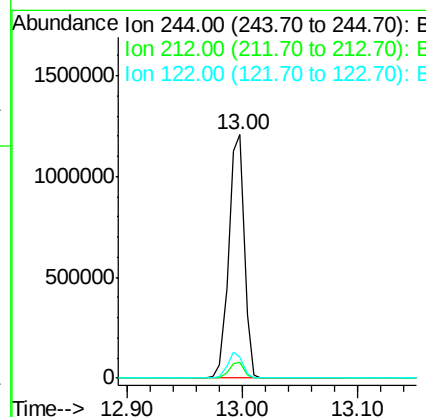
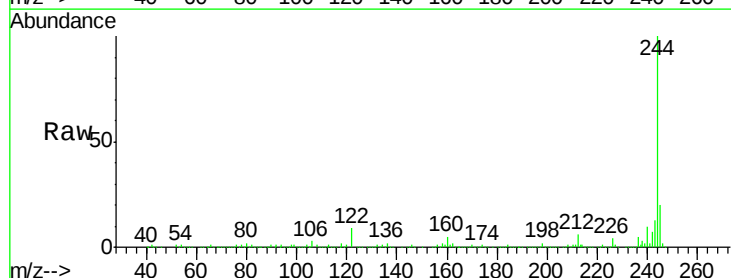
Instrument :
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72-12000

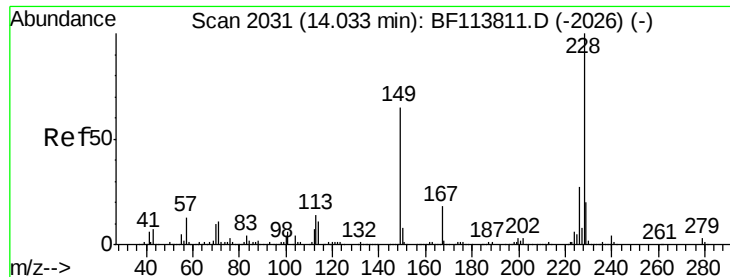
Tgt Ion: 202 Resp: 72605
Ion Ratio Lower Upper
202 100
200 19.6 17.7 26.5
203 18.2 15.0 22.6



#79
Terphenyl-d14
Concen: 51.980 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF113854.D
Acq: 19 Apr 2019 13:16

Tgt Ion: 244 Resp: 1130371
Ion Ratio Lower Upper
244 100
212 6.3 5.4 8.2
122 8.7 7.6 11.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.581 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF113854.D

Acq: 19 Apr 2019 13:16

Instrument :

BNA_F

ClientSampleId :

72-12000

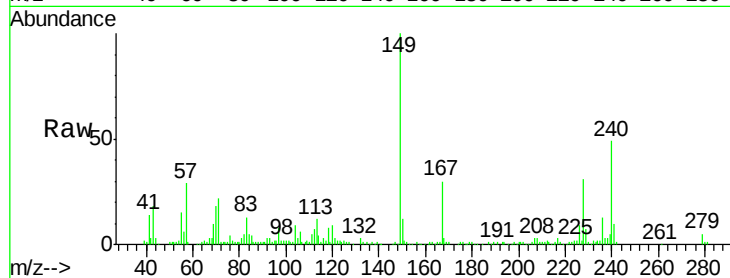
Tgt Ion:149 Resp: 79484

Ion Ratio Lower Upper

149 100

167 29.6 22.9 34.3

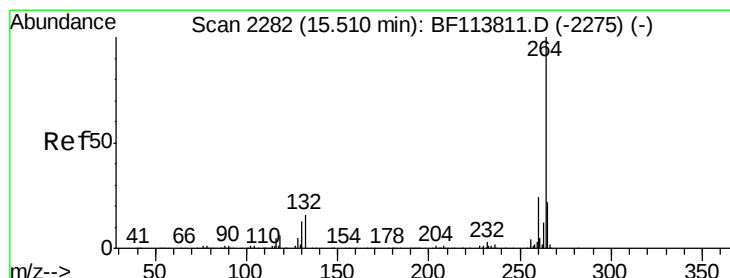
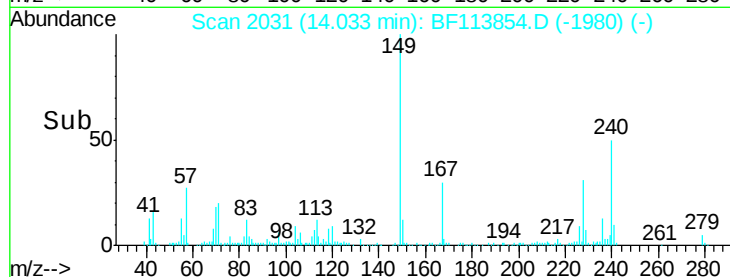
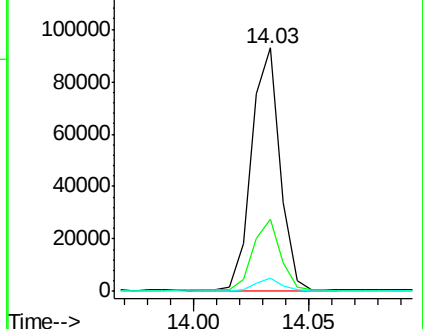
279 5.4 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF113854.D

Acq: 19 Apr 2019 13:16

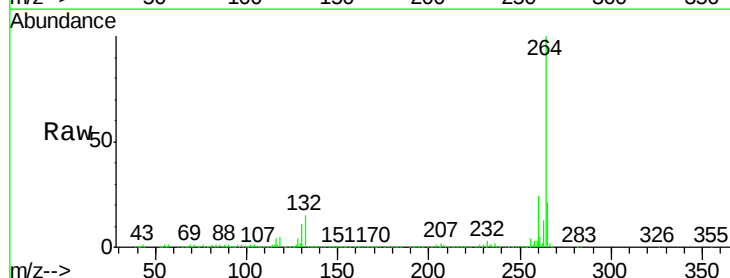
Tgt Ion:264 Resp: 582242

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 21.1 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

