

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
 Data File : BF113076.D
 Acq On : 15 Mar 2019 20:06
 Operator : JU/SJ
 Sample : K1929-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-2N3(0.0-0.5)

Quant Time: Mar 16 00:20:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

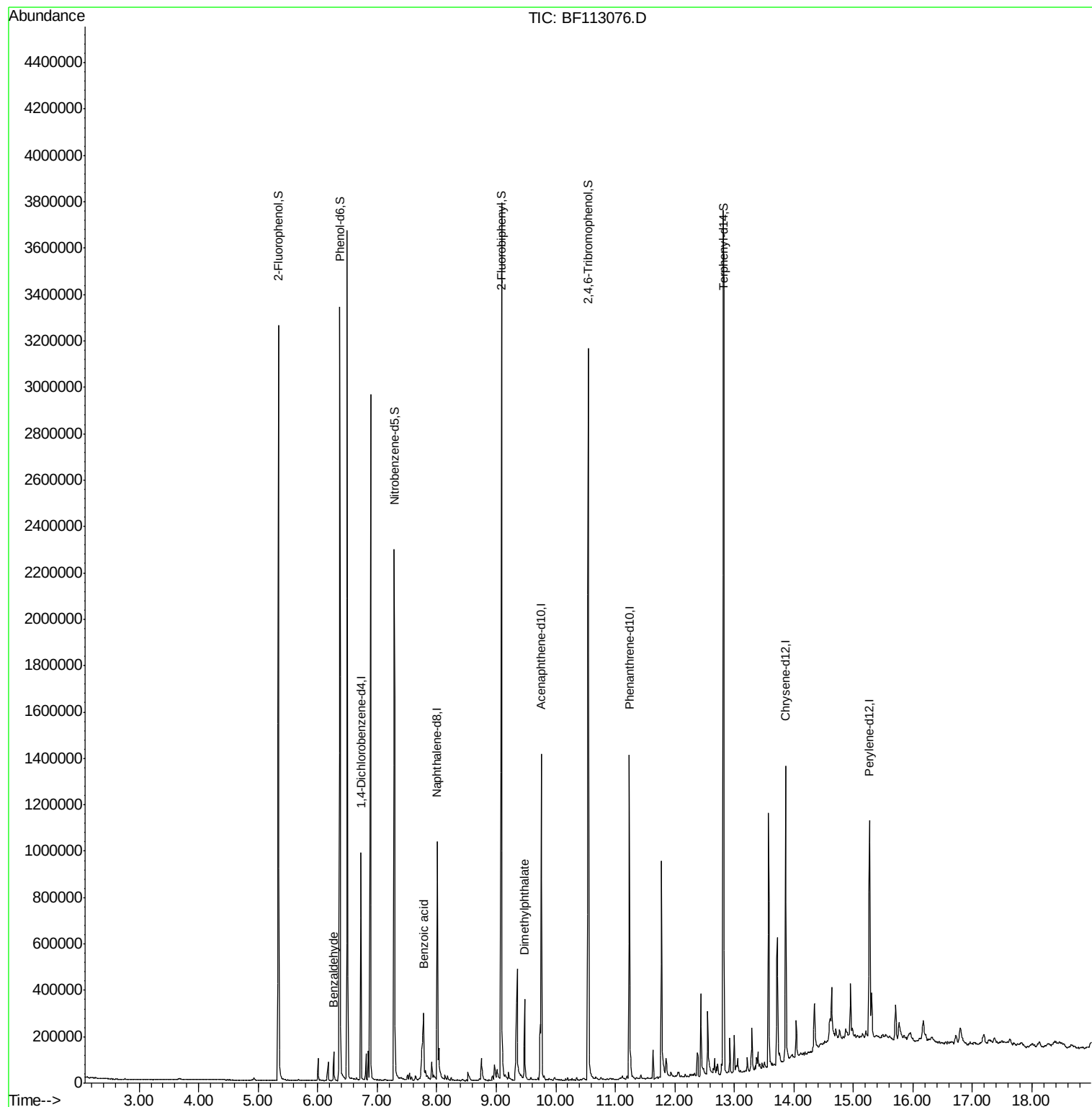
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	137684	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	548179	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	274167	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	566181	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	442220	20.00	ng	0.00
87) Perylene-d12	15.27	264	467534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	979098	110.62	ng	0.00
7) Phenol-d6	6.37	99	1273245	114.52	ng	0.00
23) Nitrobenzene-d5	7.29	82	783972	85.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	431520	148.26	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1294858	76.12	ng	0.00
79) Terphenyl-d14	12.82	244	1413879	61.98	ng	0.00
Target Compounds						
9) Benzaldehyde	6.27	77	25178	3.143	ng	97
32) Benzoic acid	7.78	122	142206	25.694	ng	91
50) Dimethylphthalate	9.47	163	138749	6.863	ng	99

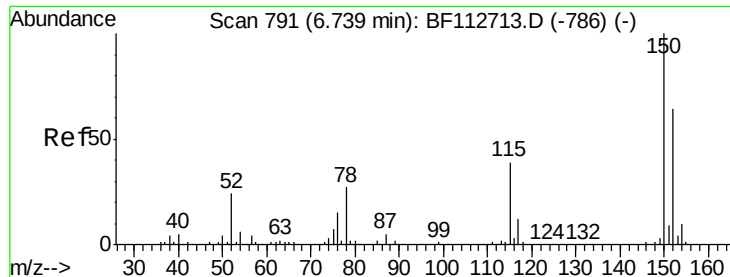
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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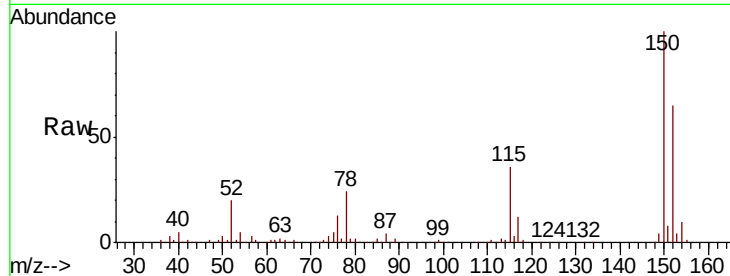


#1

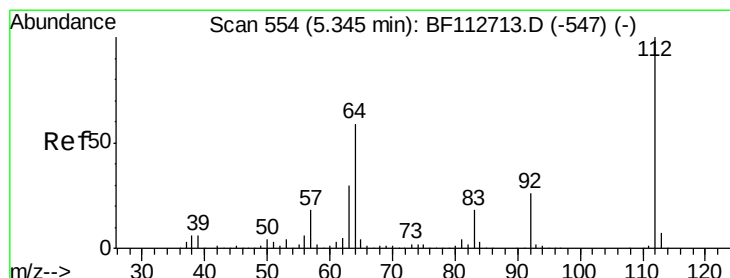
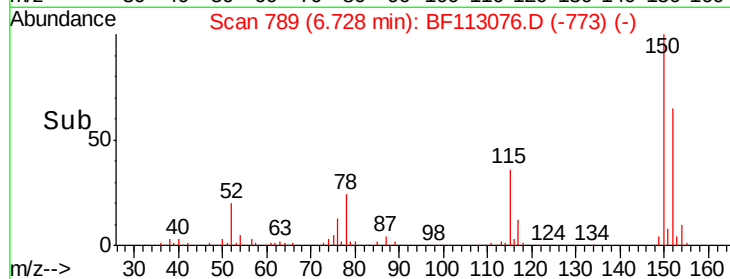
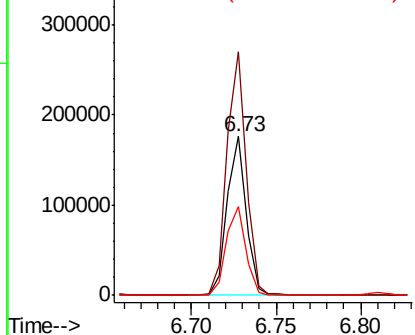
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Instrument :
BNA_F
ClientSampleId :
RS-2N3(0.0-0.5)

Tot Ion:152 Resp: 137684
Ion Ratio Lower Upper
152 100
150 153.5 124.2 186.2
115 55.8 48.2 72.4



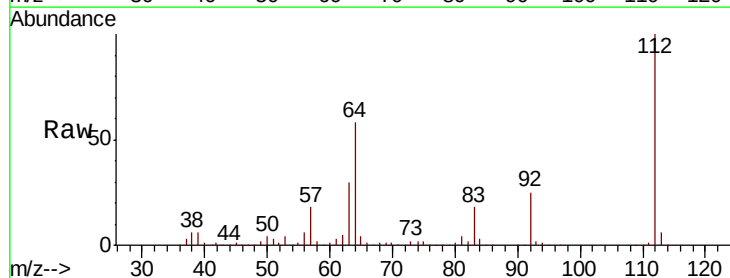
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



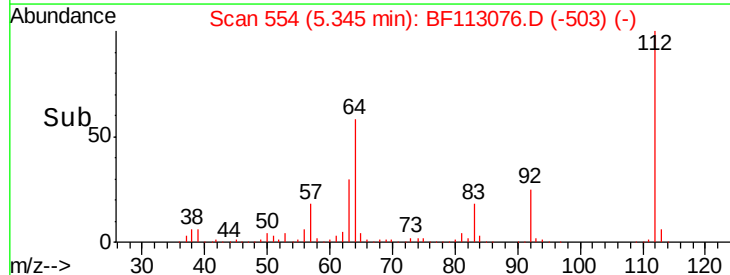
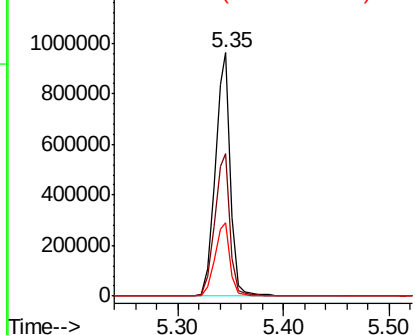
#5

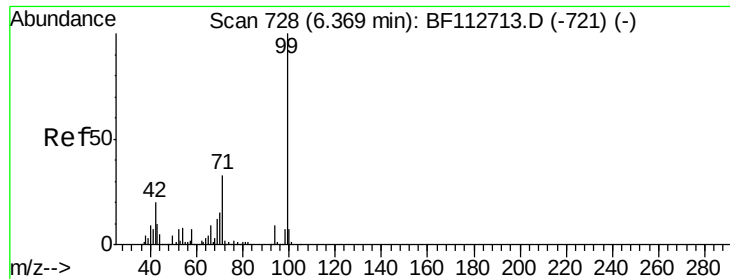
2-Fluorophenol
Concen: 110.618 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Tgt Ion:112 Resp: 979098
Ion Ratio Lower Upper
112 100
64 58.5 47.6 71.4
63 29.9 24.4 36.6



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: 114.515 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113076.D

Acq: 15 Mar 2019 20:06

Instrument :

BNA_F

ClientSampleId :

RS-2N3(0.0-0.5)

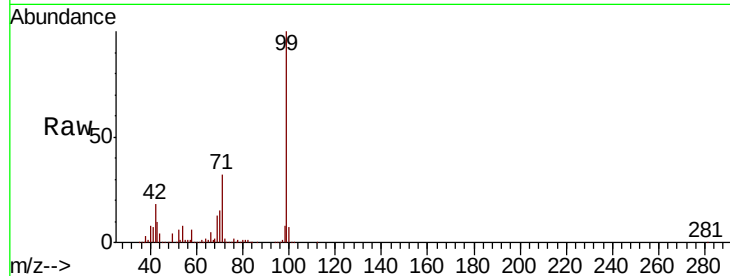
Tot Ion: 99 Resp: 1273245

Ion Ratio Lower Upper

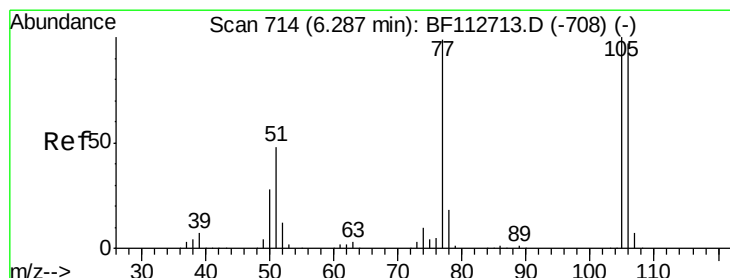
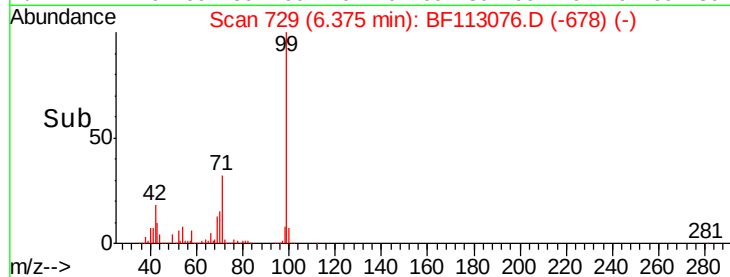
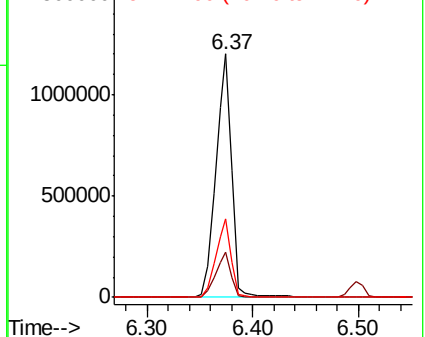
99 100

42 18.4 16.3 24.5

71 32.1 26.2 39.4



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



#9

Benzaldehyde

Concen: 3.143 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF113076.D

Acq: 15 Mar 2019 20:06

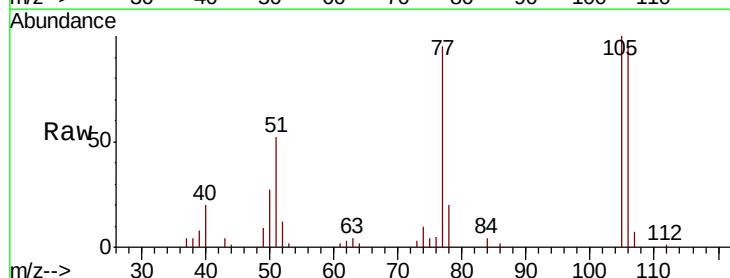
Tgt Ion: 77 Resp: 25178

Ion Ratio Lower Upper

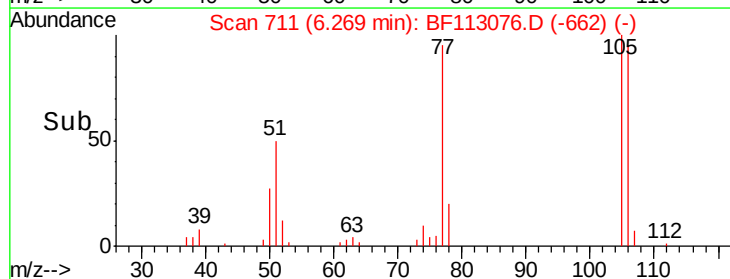
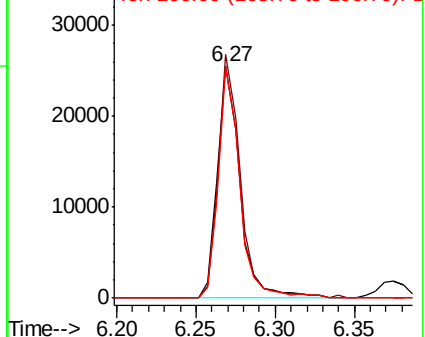
77 100

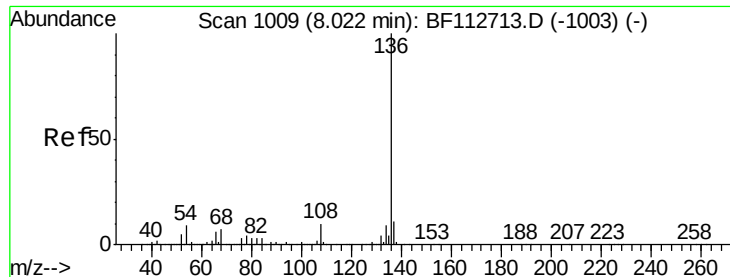
105 105.1 81.4 121.4

106 99.8 78.3 118.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

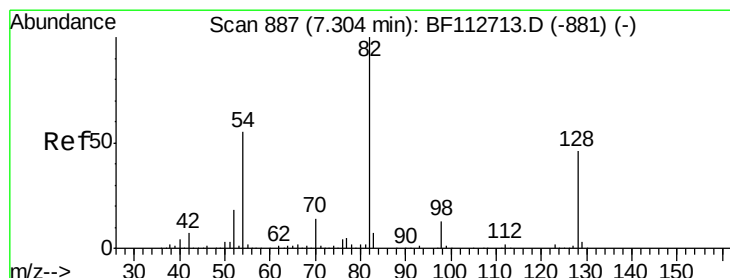
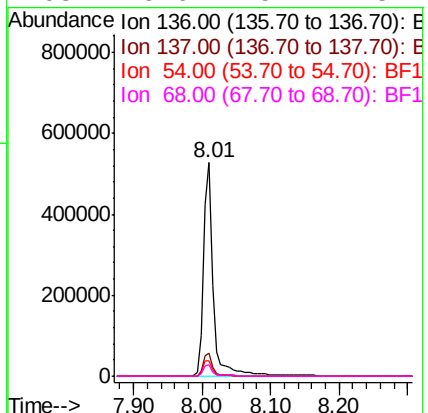
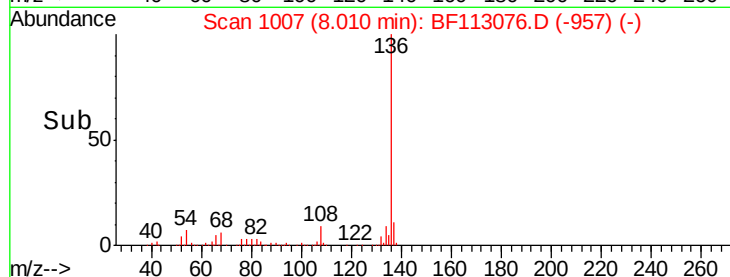
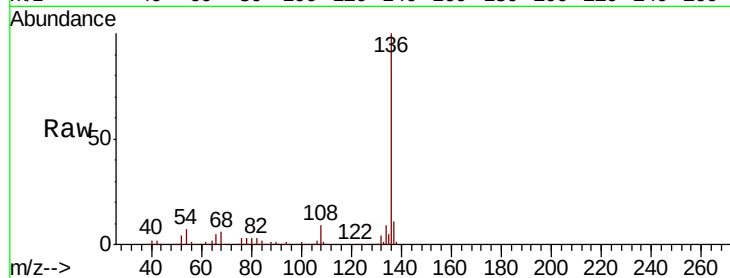




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

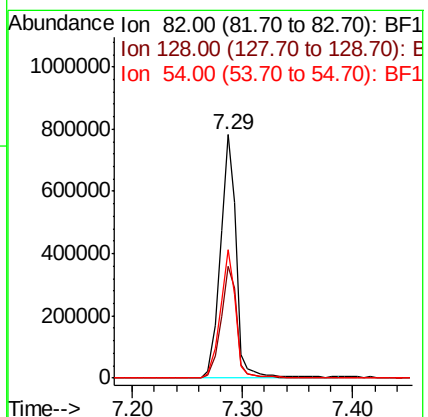
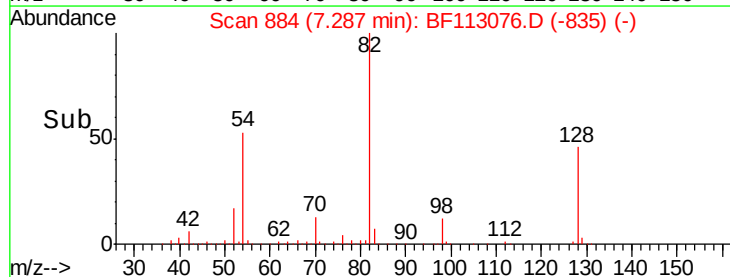
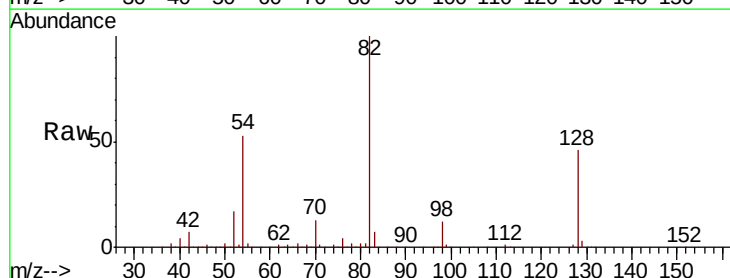
Instrument :
BNA_F
ClientSampleId :
RS-2N3(0.0-0.5)

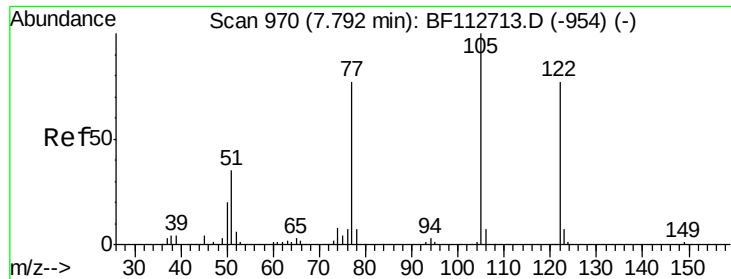
Tot Ion:136	Resp:	548179
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	7.3	7.3 10.9
68	5.6	5.4 8.2



#23
Nitrobenzene-d5
Concen: 85.577 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Tgt Ion: 82	Resp:	783972
Ion Ratio	Lower	Upper
82	100	
128	45.7	36.3 54.5
54	52.7	43.7 65.5

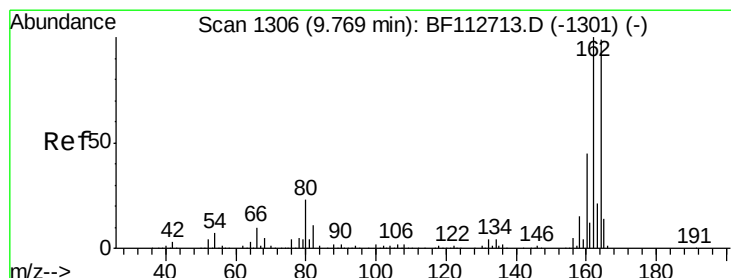
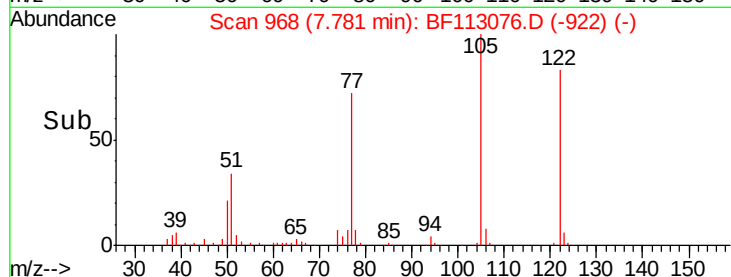
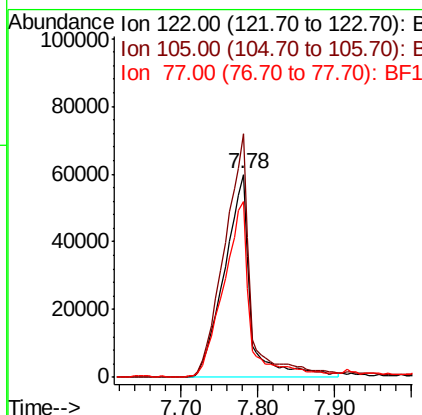
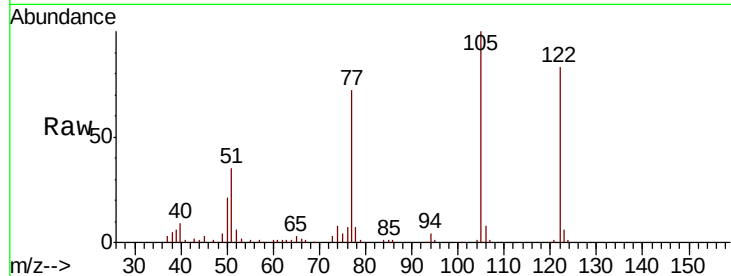




#32
Benzoic acid
Concen: 25.694 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.03 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

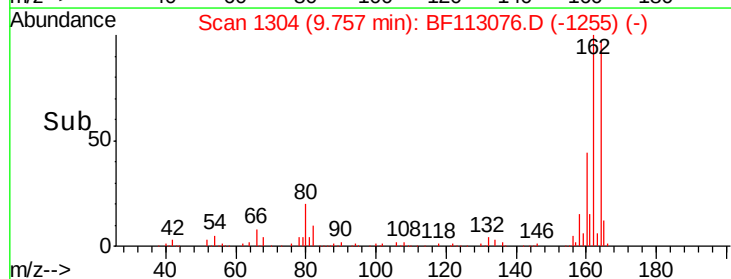
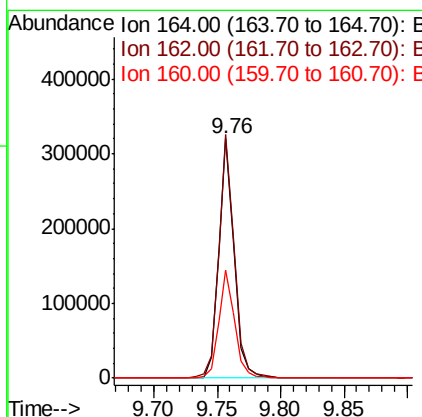
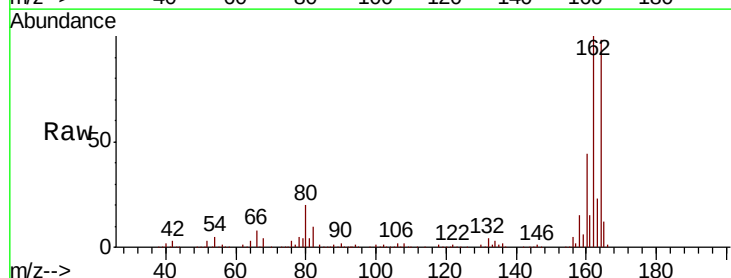
Instrument :
BNA_F
ClientSampleId :
RS-2N3(0.0-0.5)

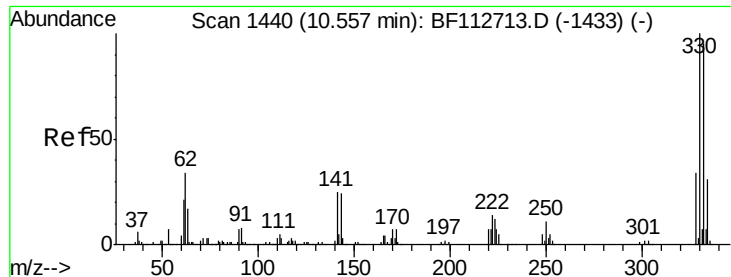
Tot Ion	Ratio	Lower	Upper
122	100		
105	119.8	106.8	146.8
77	86.4	79.4	119.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	44.8	36.0	54.0





#42

2,4,6-Tribromophenol

Concen: 148.257 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF113076.D

Acq: 15 Mar 2019 20:06

Instrument :

BNA_F

ClientSampleId :

RS-2N3(0.0-0.5)

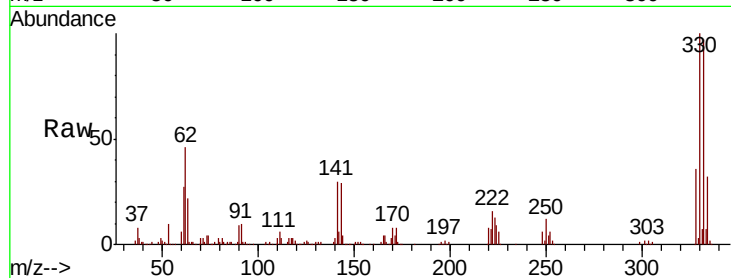
Tot Ion:330 Resp: 431520

Ion Ratio Lower Upper

330 100

332 96.7 76.2 114.4

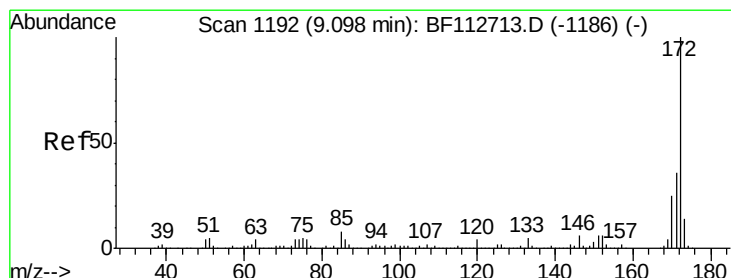
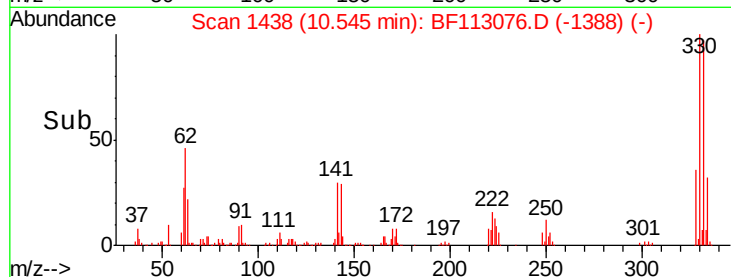
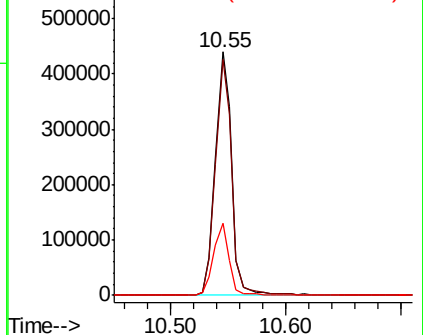
141 28.6 27.0 40.6



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: 76.121 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF113076.D

Acq: 15 Mar 2019 20:06

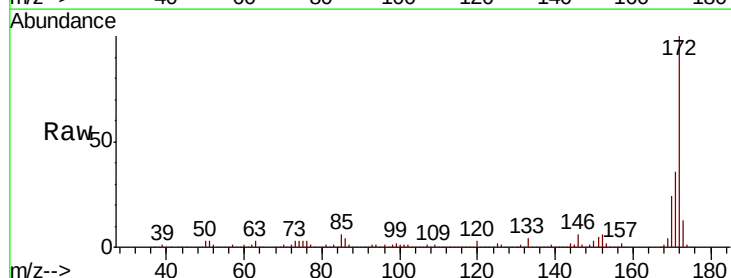
Tgt Ion:172 Resp: 1294858

Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.4

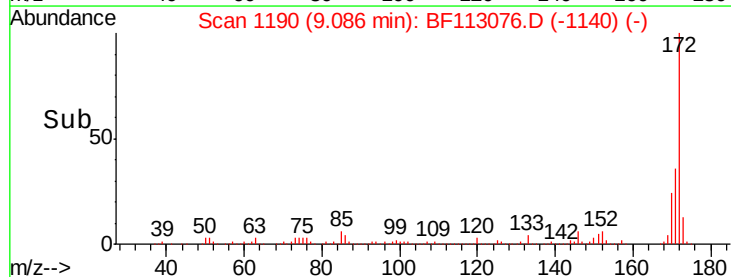
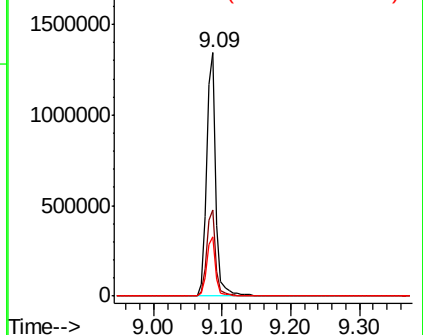
170 24.3 20.0 30.0

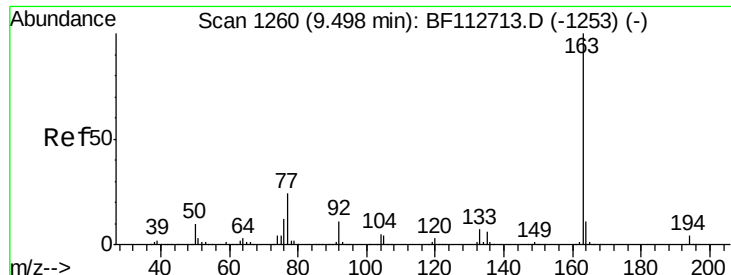


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

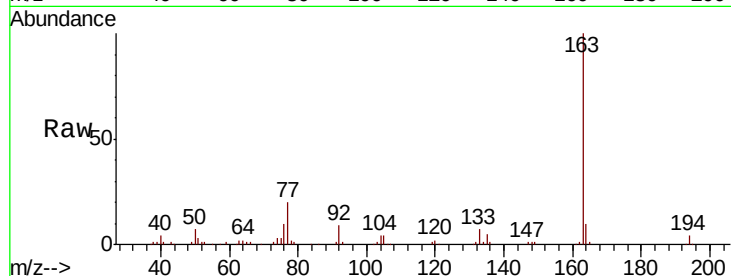




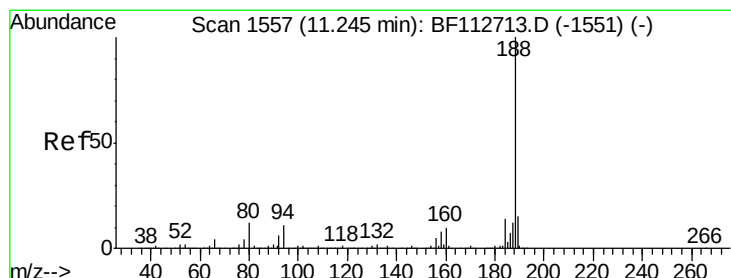
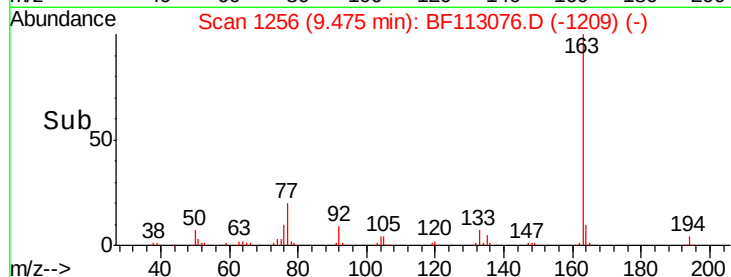
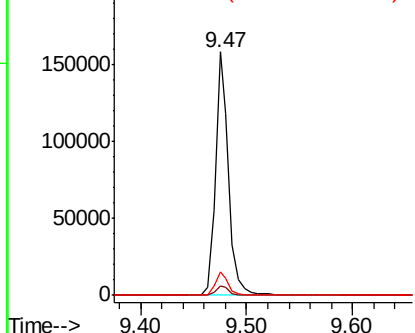
#50
Dimethylphthalate
Concen: 6.863 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Instrument :
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ClientSampleId :
RS-2N3(0.0-0.5)

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	9.9	8.4	12.6

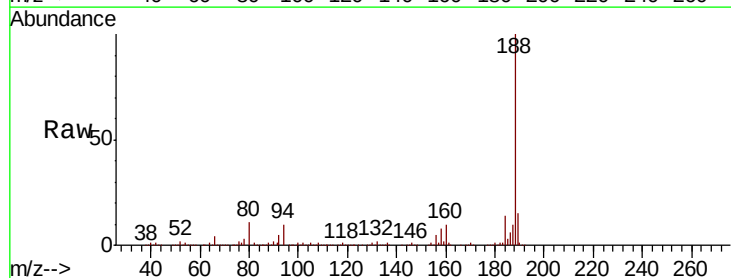


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

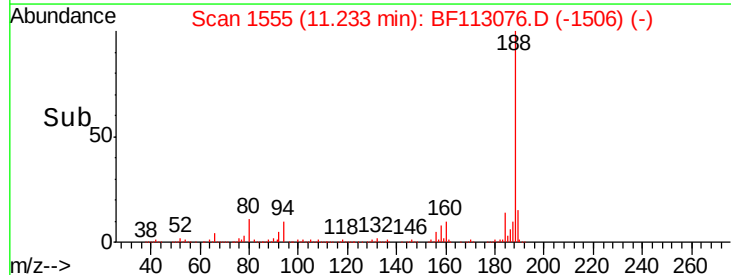
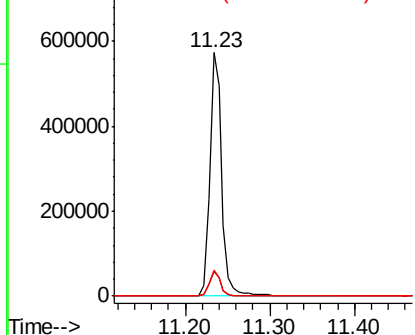


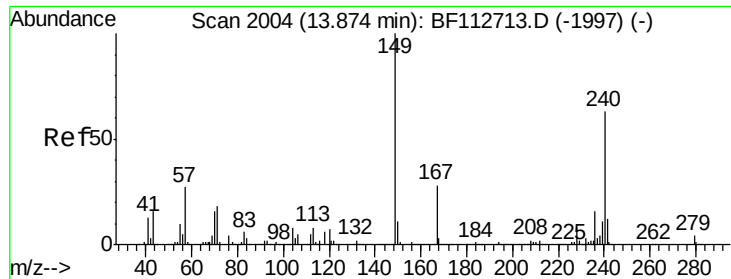
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.0	13.4
80	10.7	9.2	13.8



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: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113076.D

Acq: 15 Mar 2019 20:06

Instrument :

BNA_F

ClientSampleId :

RS-2N3(0.0-0.5)

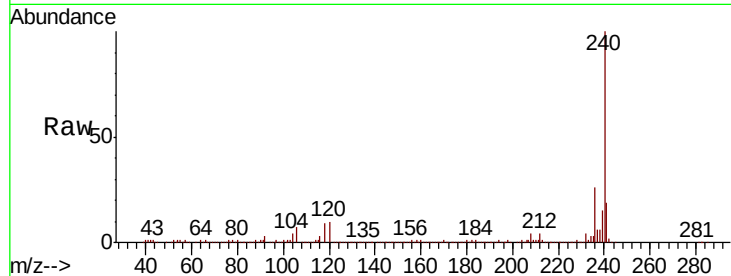
Tot Ion:240 Resp: 442220

Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

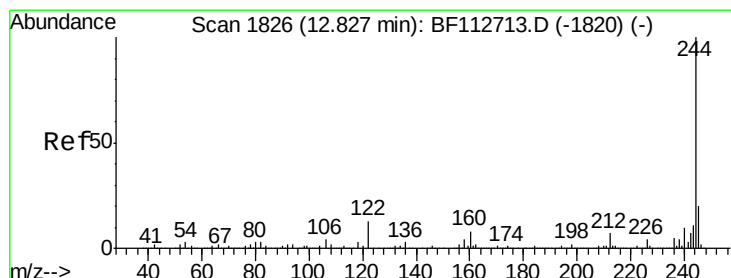
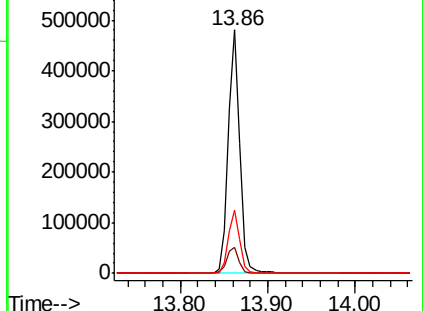
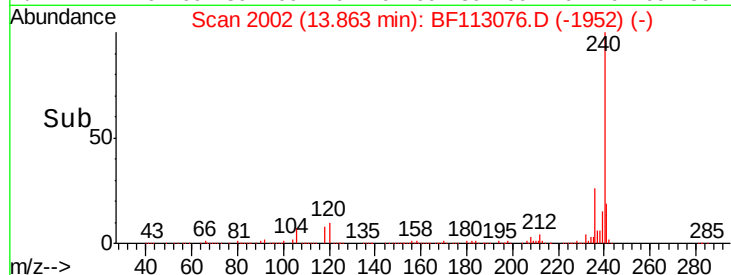
236 26.0 20.7 31.1



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: 61.978 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113076.D

Acq: 15 Mar 2019 20:06

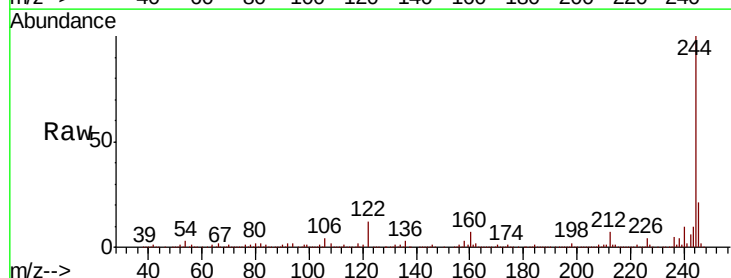
Tgt Ion:244 Resp: 1413879

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

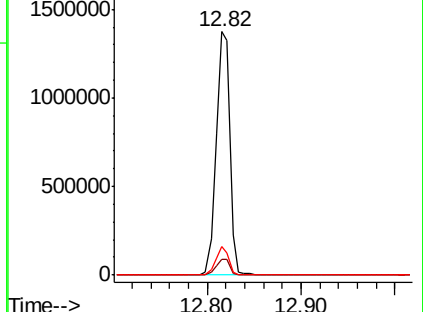
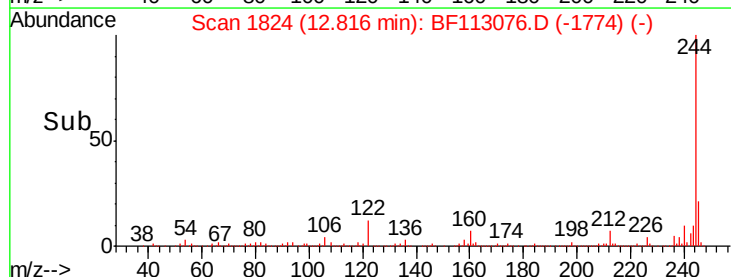
122 11.9 10.5 15.7

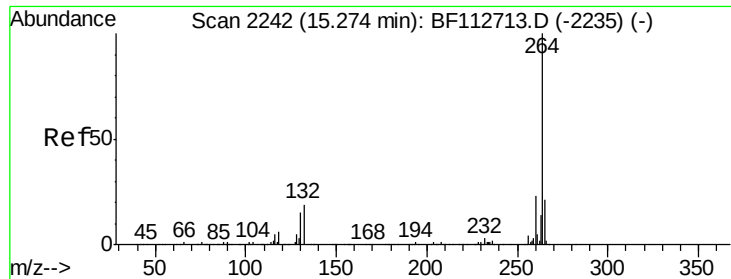


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Instrument :
BNA_F
ClientSampleId :
RS-2N3(0.0-0.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.3	17.2	25.8

