

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
 Data File : BF112931.D
 Acq On : 7 Mar 2019 19:45
 Operator : JU/SJ
 Sample : K1760-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z2-8

Quant Time: Mar 08 01:10:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

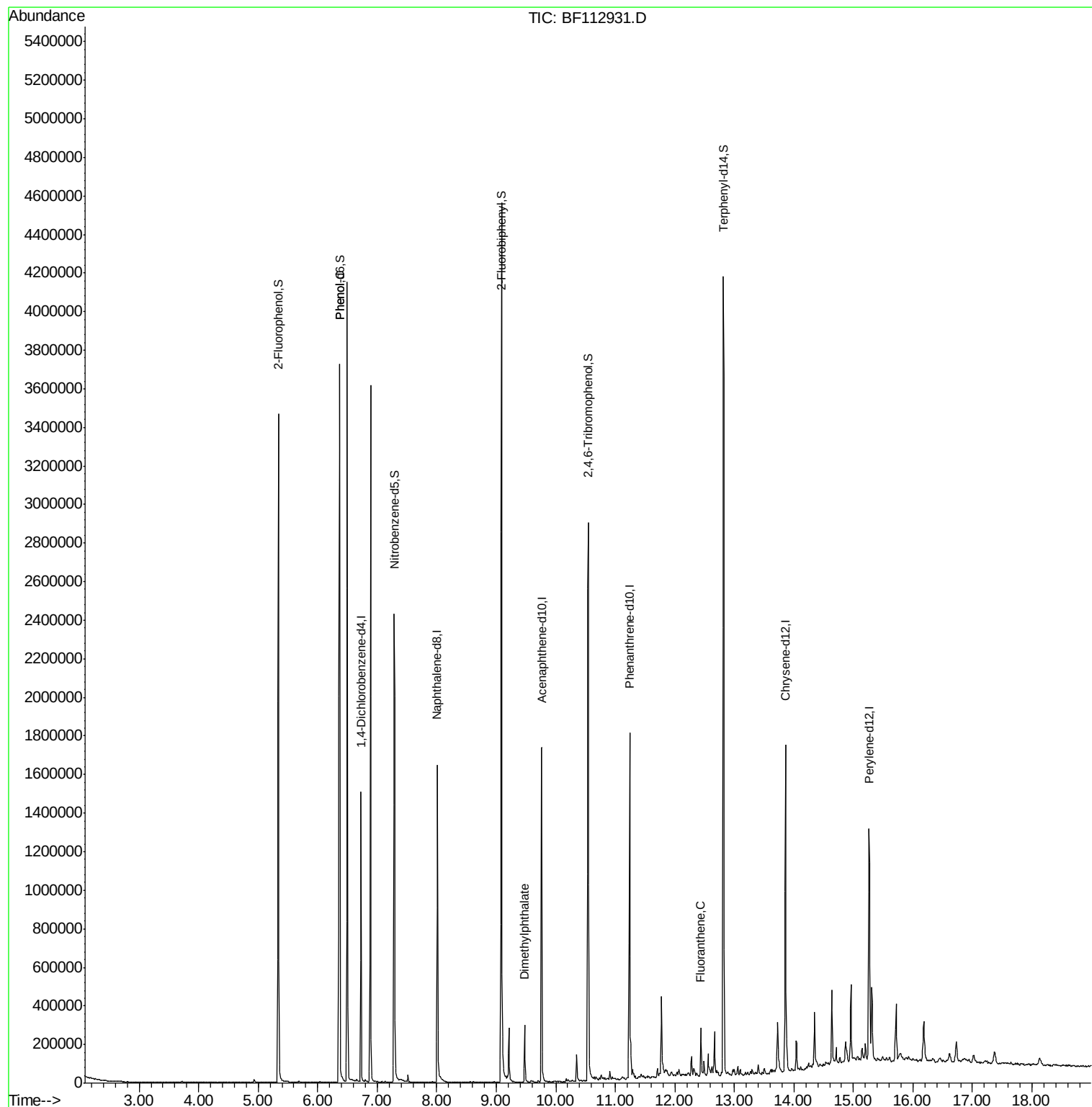
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	212295	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	831066	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	402936	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	805797	20.00	ng	0.00
76) Chrysene-d12	13.86	240	577531	20.00	ng	-0.02
87) Perylene-d12	15.26	264	598871	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1094134	80.17	ng	0.00
7) Phenol-d6	6.37	99	1426517	83.21	ng	0.00
23) Nitrobenzene-d5	7.29	82	870218	62.66	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	426008	99.59	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1582403	60.26	ng	-0.01
79) Terphenyl-d14	12.82	244	1559784	52.35	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	58194	2.909	ng	92
50) Dimethylphthalate	9.48	163	139070	4.681	ng	99
75) Fluoranthene	12.44	202	102310	2.382	ng	97

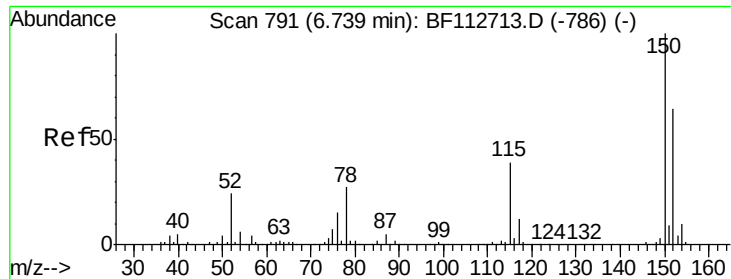
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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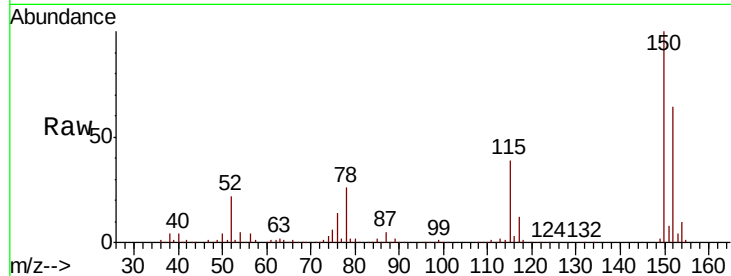


#1

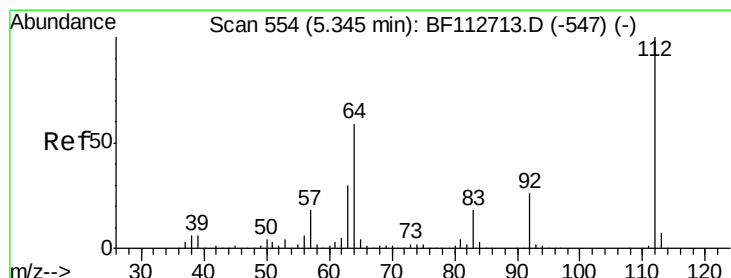
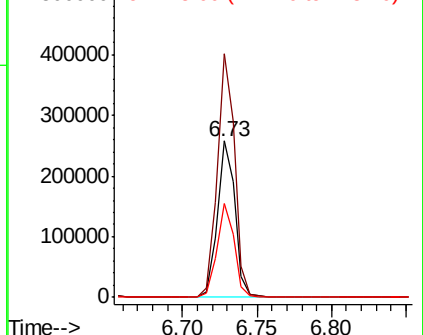
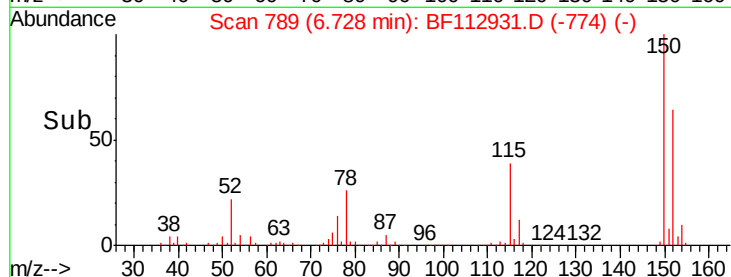
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112931.D
Acq: 7 Mar 2019 19:45

Instrument :
BNA_F
ClientSampleId :
Z2-8

Tot Ion:152 Resp: 212295
Ion Ratio Lower Upper
152 100
150 155.8 124.2 186.2
115 60.0 48.2 72.4



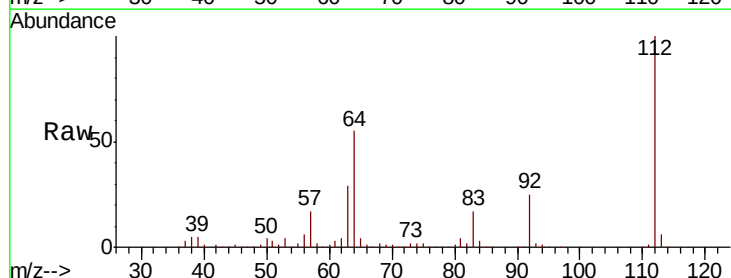
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



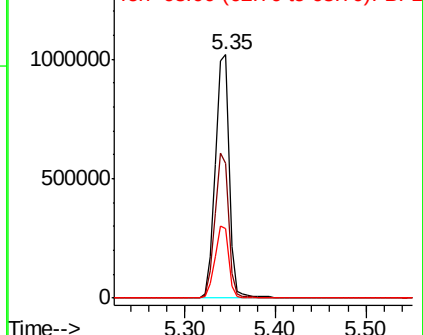
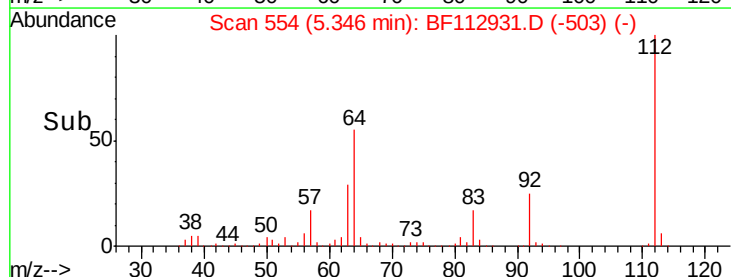
#5

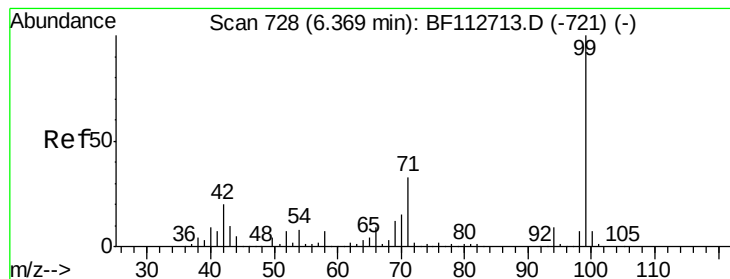
2-Fluorophenol
Concen: 80.170 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112931.D
Acq: 7 Mar 2019 19:45

Tgt Ion:112 Resp: 1094134
Ion Ratio Lower Upper
112 100
64 55.5 47.6 71.4
63 28.5 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: 83.210 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112931.D

Acq: 7 Mar 2019 19:45

Instrument :

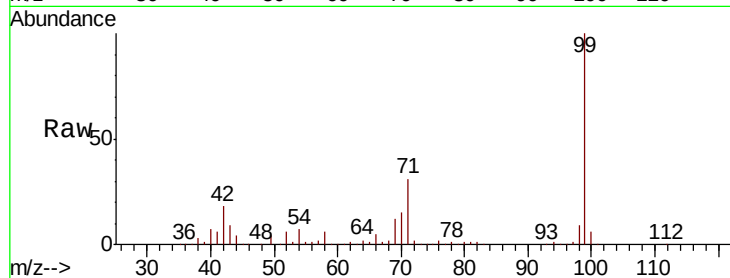
BNA_F

ClientSampleId :

Z2-8

Tot Ion: 99 Resp: 1426517

Ion	Ratio	Lower	Upper
99	100		
42	17.8	16.3	24.5
71	31.3	26.2	39.4

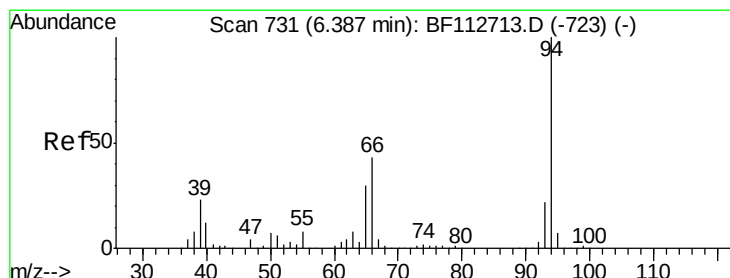
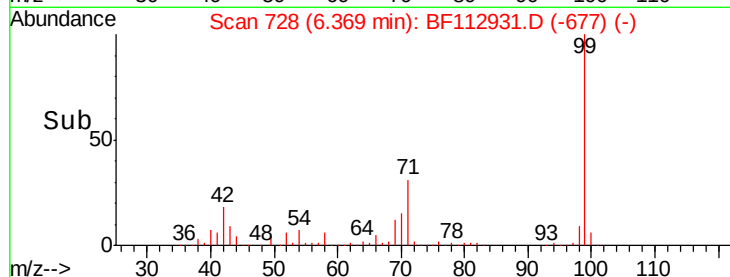


Abundance

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



#10

Phenol

Concen: 2.909 ng

RT: 6.37 min Scan# 729

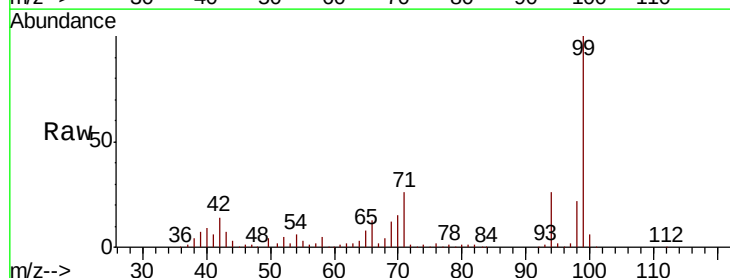
Delta R.T. -0.01 min

Lab File: BF112931.D

Acq: 7 Mar 2019 19:45

Tgt Ion: 94 Resp: 58194

Ion	Ratio	Lower	Upper
94	100		
65	32.0	10.5	50.5
66	50.0	22.6	62.6

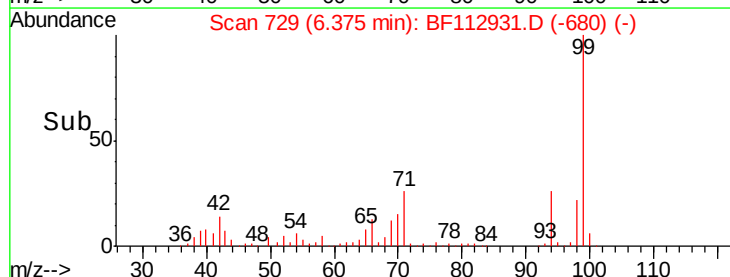


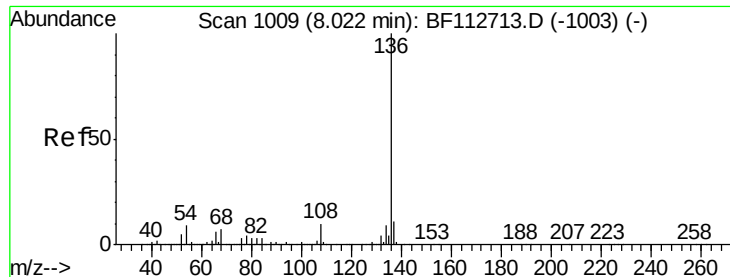
Abundance

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

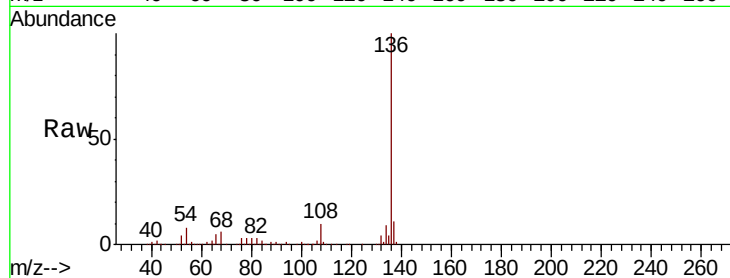




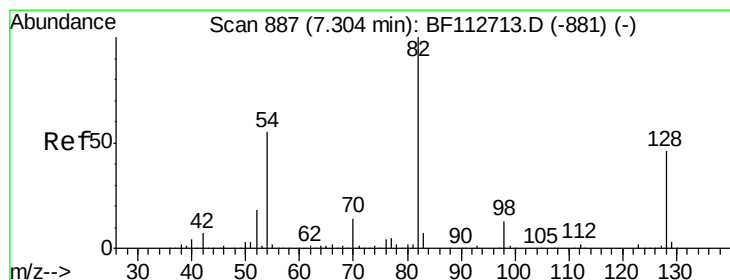
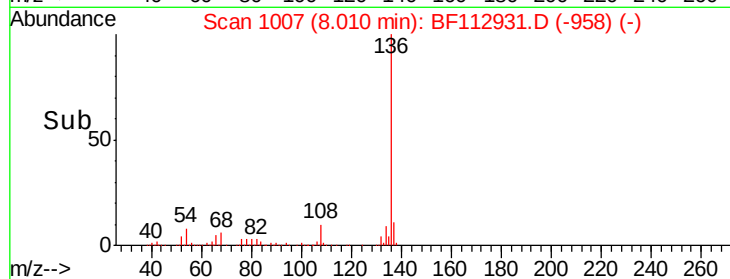
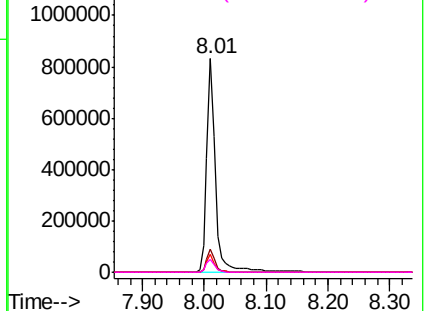
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112931.D
Acq: 7 Mar 2019 19:45

Instrument :
BNA_F
ClientSampleId :
Z2-8

Tot Ion:136	Resp:	831066
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.9 13.3
54	8.2	7.3 10.9
68	6.3	5.4 8.2

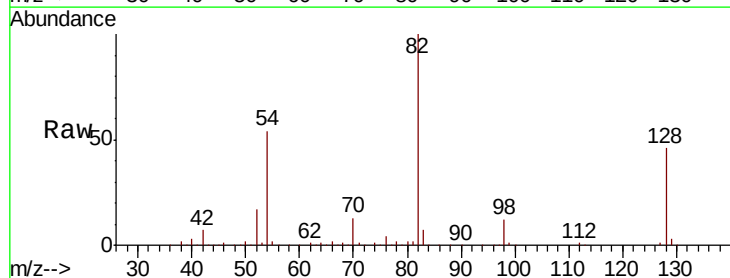


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

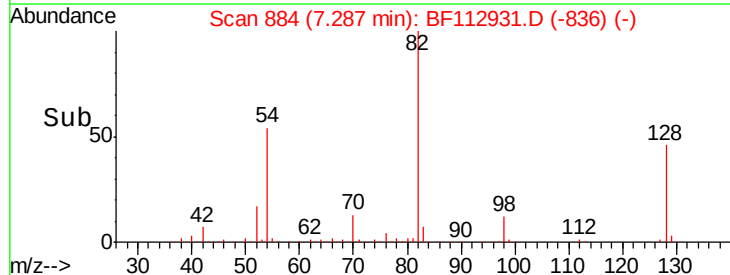
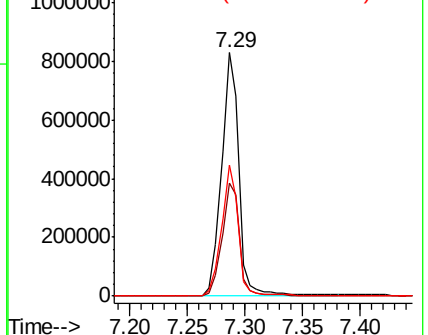


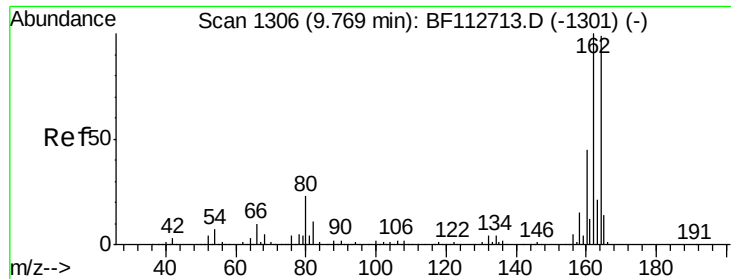
#23
Nitrobenzene-d5
Concen: 62.657 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112931.D
Acq: 7 Mar 2019 19:45

Tgt Ion: 82	Resp:	870218
Ion	Ratio	Lower Upper
82	100	
128	46.4	36.3 54.5
54	53.6	43.7 65.5



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

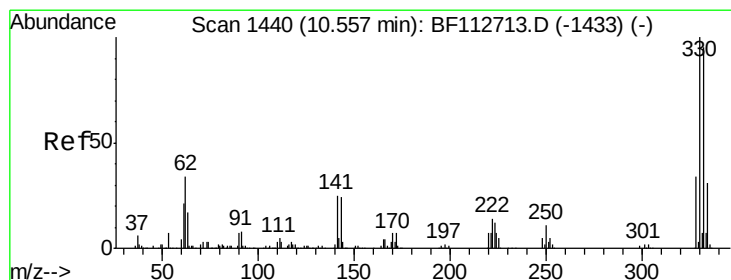
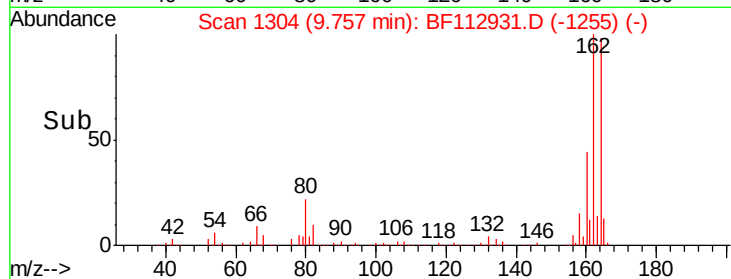
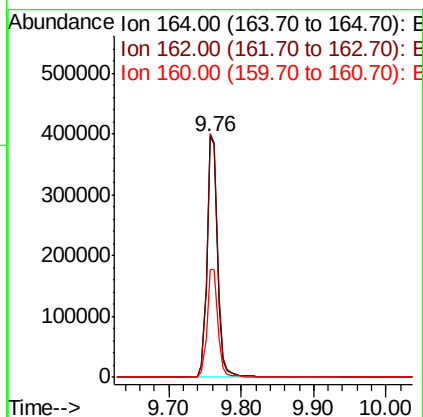
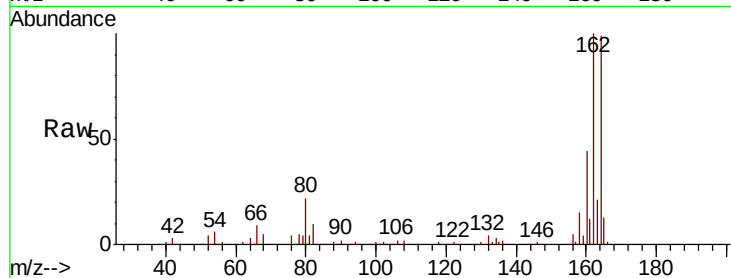




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF112931.D
 Acq: 7 Mar 2019 19:45

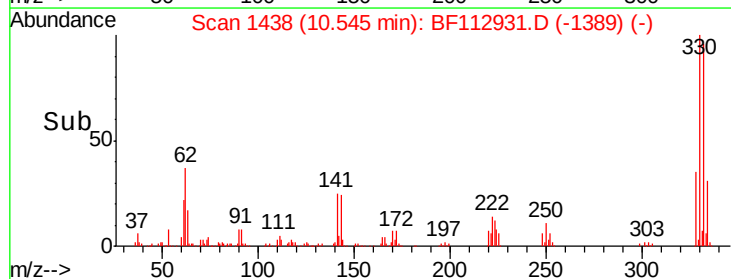
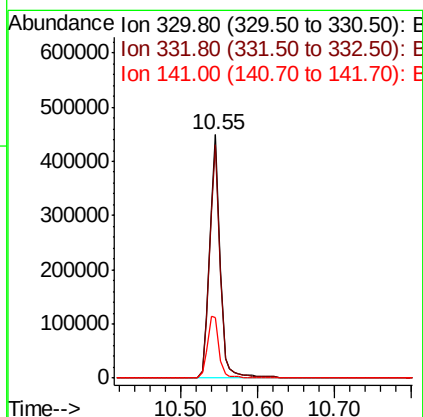
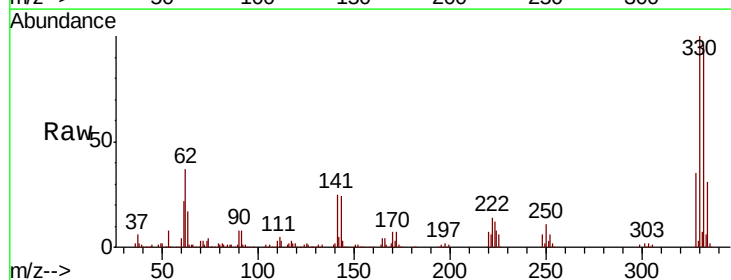
Instrument :
 BNA_F
 ClientSampleId :
 Z2-8

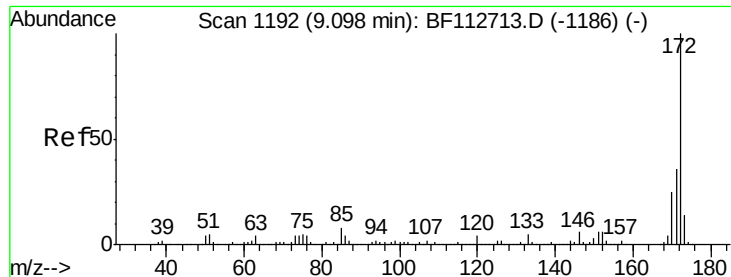
Tot Ion:164 Resp: 402936
 Ion Ratio Lower Upper
 164 100
 162 101.1 80.6 120.8
 160 44.9 36.0 54.0



#42
 2,4,6-Tribromophenol
 Concen: 99.589 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112931.D
 Acq: 7 Mar 2019 19:45

Tgt Ion:330 Resp: 426008
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.2 114.4
 141 28.7 27.0 40.6

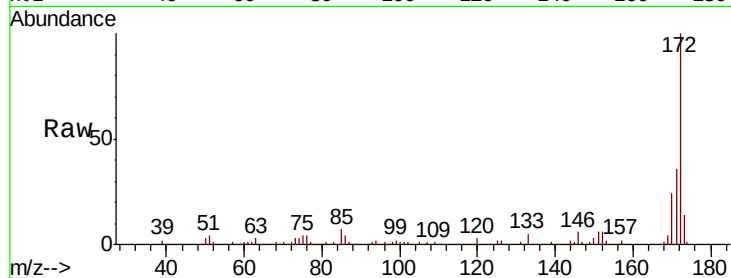




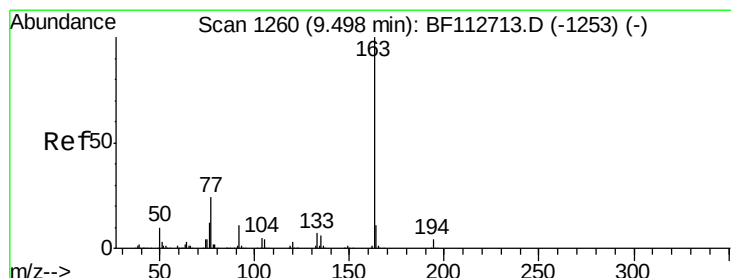
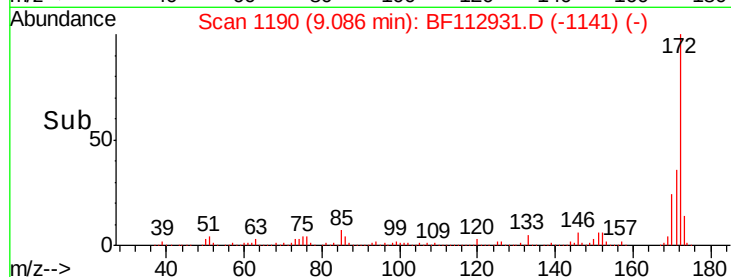
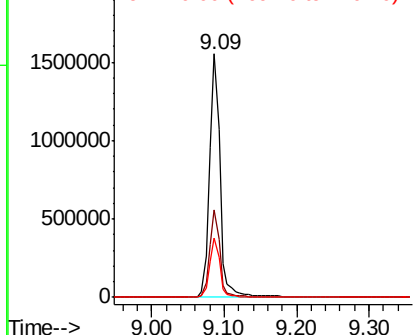
#45
2-Fluorobiphenyl
Concen: 60.256 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112931.D
Acq: 7 Mar 2019 19:45

Instrument :
BNA_F
ClientSampleId :
Z2-8

Tot Ion:172 Resp: 1582403
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 24.4 20.0 30.0

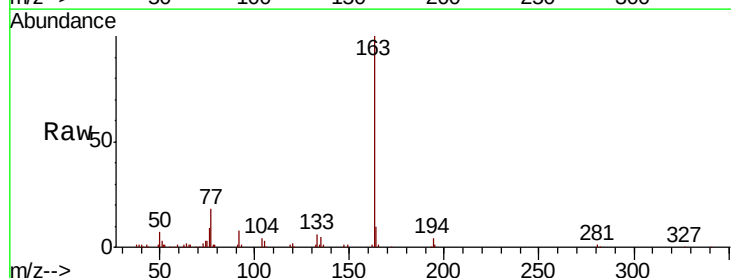


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

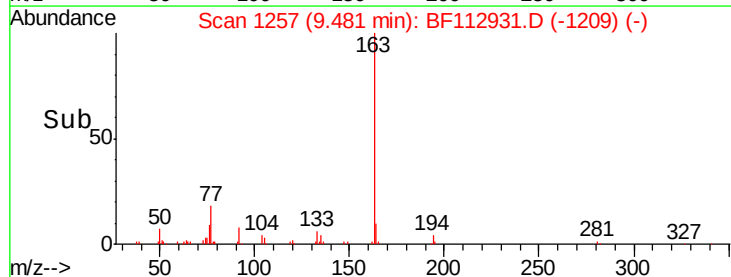
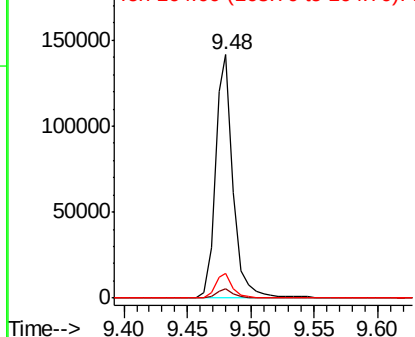


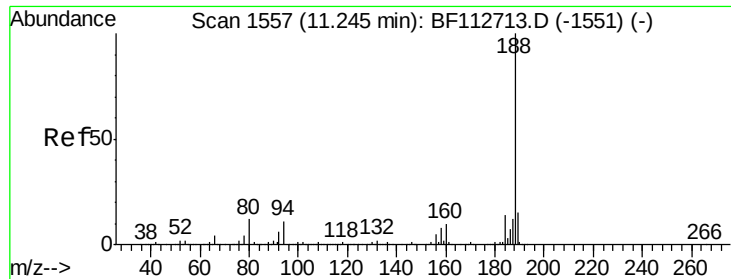
#50
Dimethylphthalate
Concen: 4.681 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112931.D
Acq: 7 Mar 2019 19:45

Tgt Ion:163 Resp: 139070
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.0 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

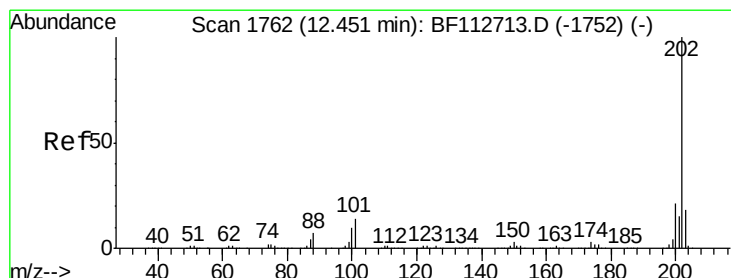
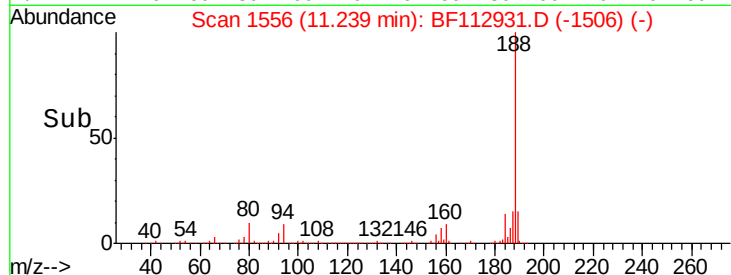
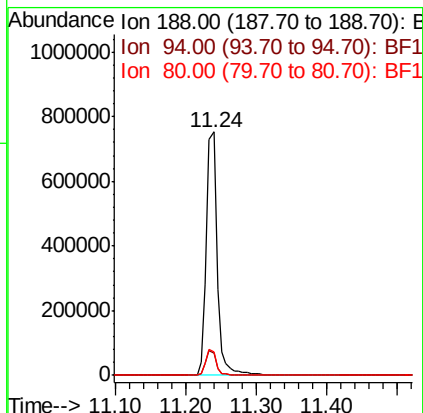
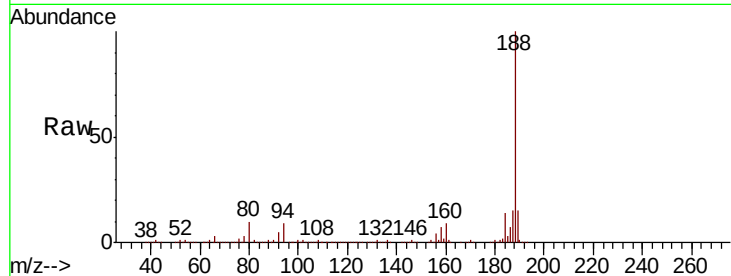




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112931.D
Acq: 7 Mar 2019 19:45

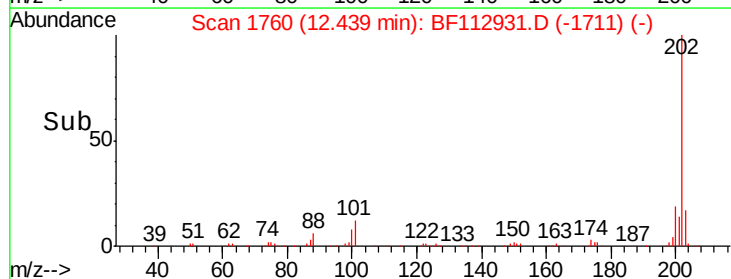
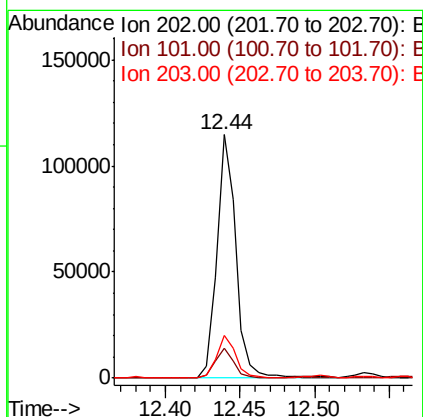
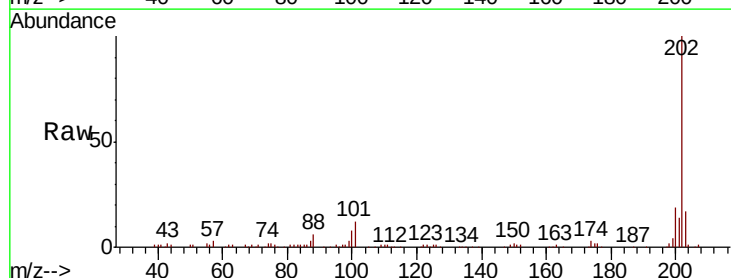
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BNA_F
ClientSampleId :
Z2-8

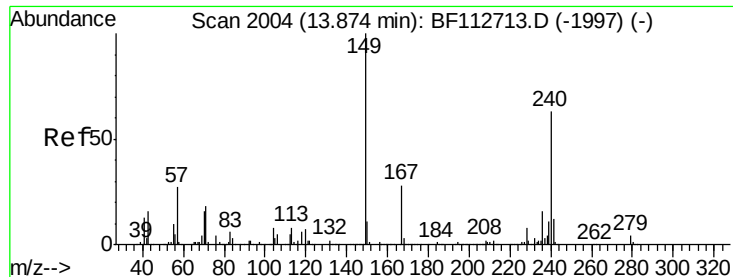
Tot Ion:188 Resp: 805797
Ion Ratio Lower Upper
188 100
94 9.0 9.0 13.4
80 9.6 9.2 13.8



#75
Fluoranthene
Concen: 2.382 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF112931.D
Acq: 7 Mar 2019 19:45

Tgt Ion:202 Resp: 102310
Ion Ratio Lower Upper
202 100
101 12.2 0.0 33.8
203 17.3 0.0 38.4

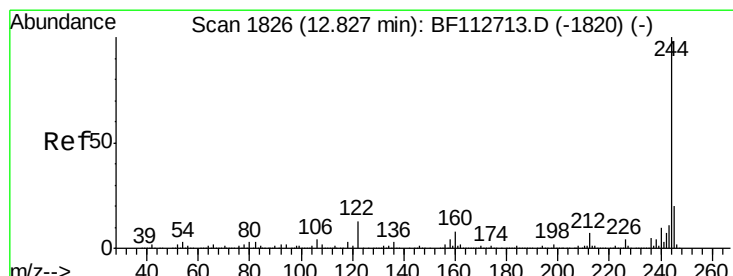
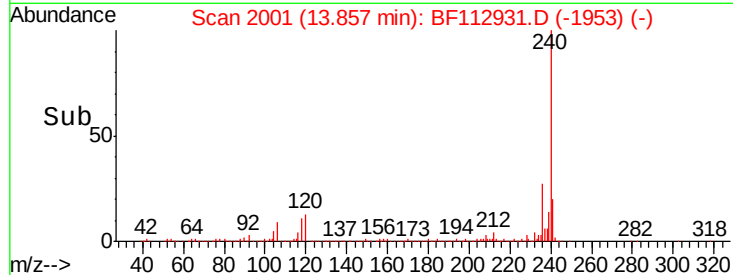
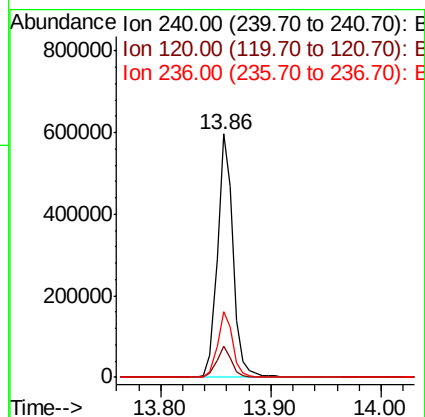
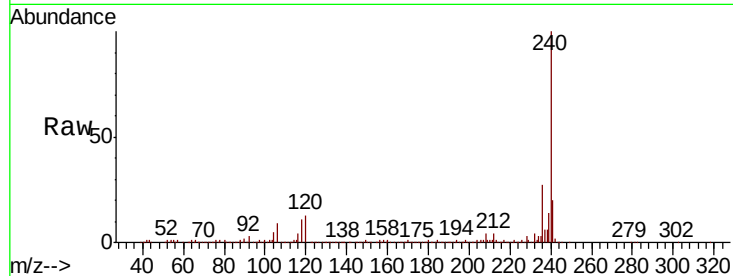




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF112931.D
 Acq: 7 Mar 2019 19:45

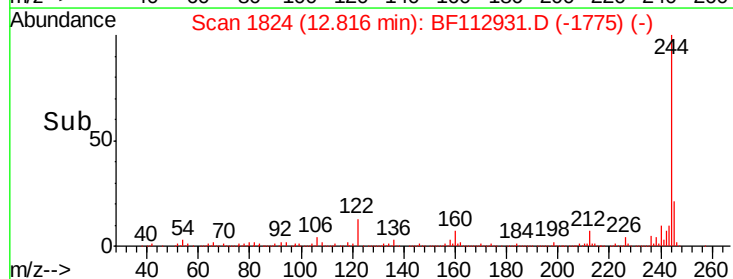
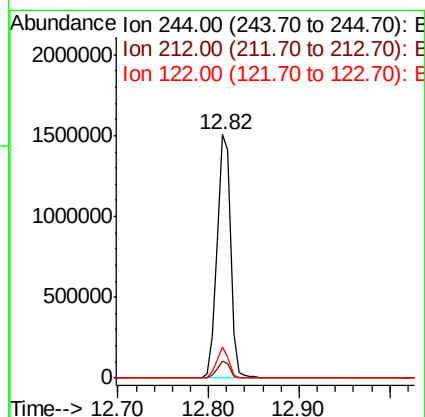
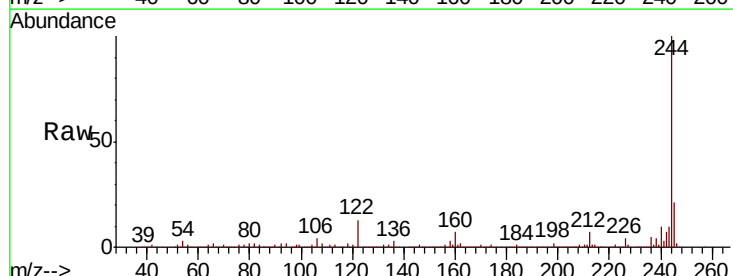
Instrument :
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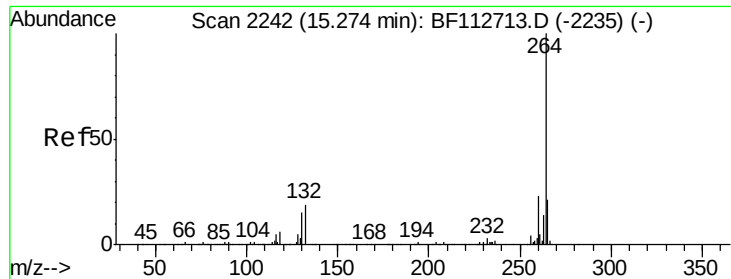
Tot Ion:240 Resp: 577531
 Ion Ratio Lower Upper
 240 100
 120 12.6 8.9 13.3
 236 26.8 20.7 31.1



#79
 Terphenyl-d14
 Concen: 52.355 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF112931.D
 Acq: 7 Mar 2019 19:45

Tgt Ion:244 Resp: 1559784
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 12.6 10.5 15.7





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BF112931.D
 Acq: 7 Mar 2019 19:45

Instrument :
 BNA_F
 ClientSampleId :
 Z2-8

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.8	17.2	25.8

