

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
 Data File : BF113029.D
 Acq On : 13 Mar 2019 10:18
 Operator : JU/SJ
 Sample : K1817-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B111-030619

Quant Time: Mar 13 12:36:59 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

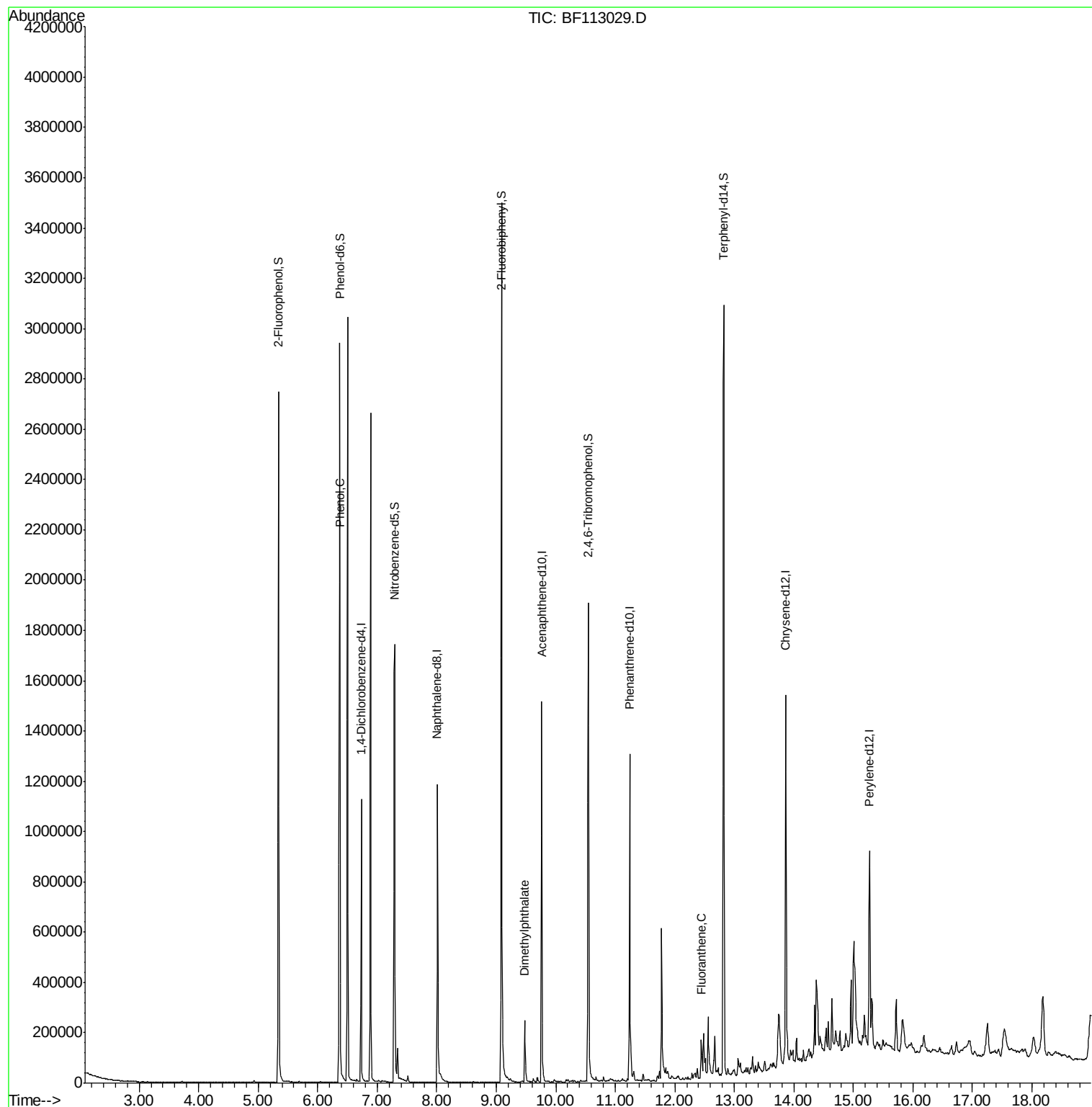
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	178809	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	687187	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	311640	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	528808	20.00	ng	0.00
76) Chrysene-d12	13.86	240	522609	20.00	ng	0.00
87) Perylene-d12	15.27	264	393979	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	800457	69.64	ng	0.00
7) Phenol-d6	6.37	99	1104461	76.49	ng	0.00
23) Nitrobenzene-d5	7.29	82	627547	54.64	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	290367	87.77	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1236299	61.01	ng	0.00
79) Terphenyl-d14	12.82	244	1145972	42.51	ng	0.00
Target Compounds						
10) Phenol	6.38	94	39681	2.355	ng	94
50) Dimethylphthalate	9.48	163	112221	4.884	ng	99
75) Fluoranthene	12.44	202	59417	2.108	ng	97

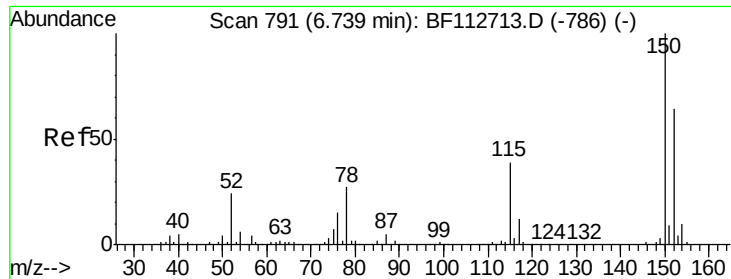
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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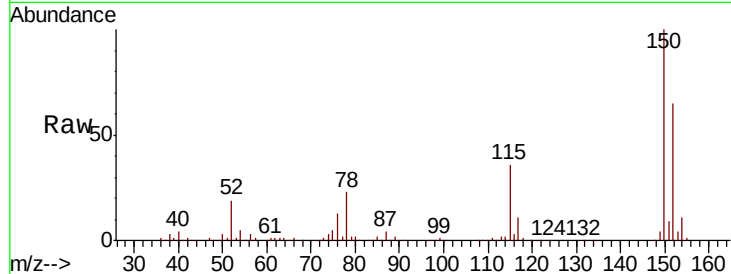


#1

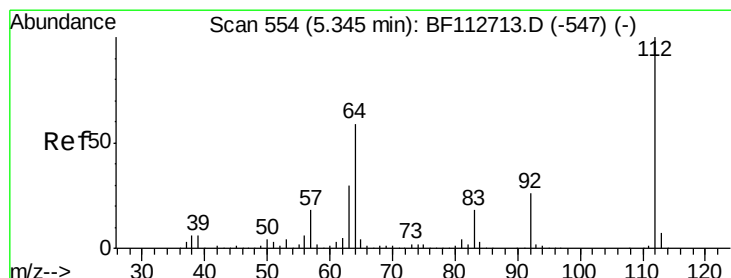
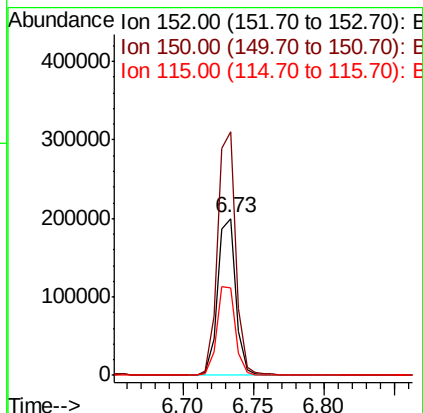
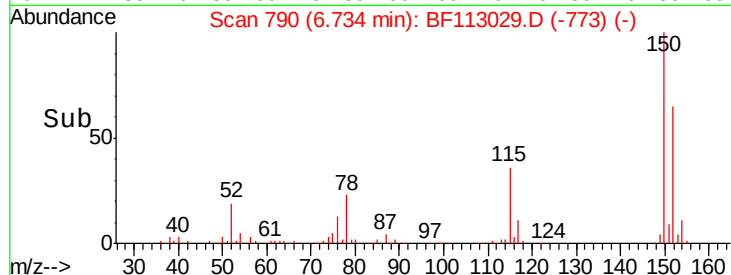
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF113029.D
Acq: 13 Mar 2019 10:18

Instrument :
BNA_F
ClientSampleId :
PST-027-B111-030619

Tot Ion:152 Resp: 178809
Ion Ratio Lower Upper
152 100
150 155.0 124.2 186.2
115 55.9 48.2 72.4



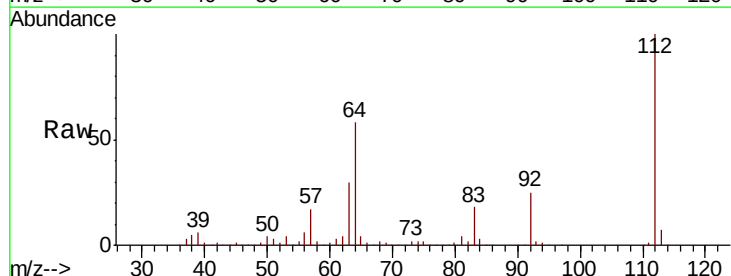
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



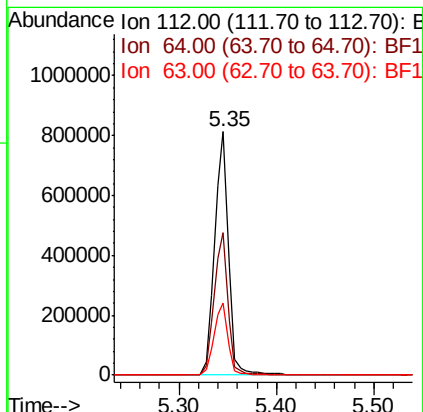
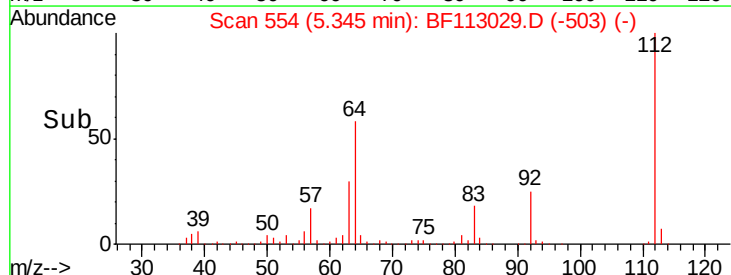
#5

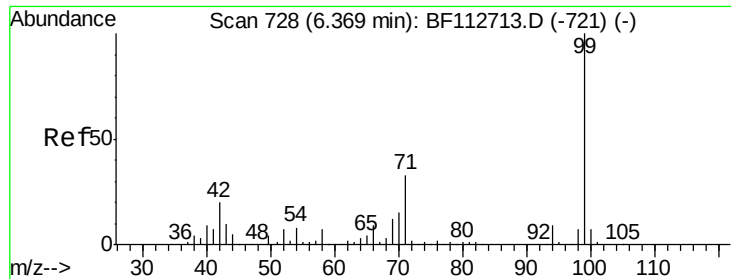
2-Fluorophenol
Concen: 69.636 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113029.D
Acq: 13 Mar 2019 10:18

Tgt Ion:112 Resp: 800457
Ion Ratio Lower Upper
112 100
64 58.3 47.6 71.4
63 29.7 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: 76.489 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113029.D

Acq: 13 Mar 2019 10:18

Instrument :

BNA_F

ClientSampleId :

PST-027-B111-030619

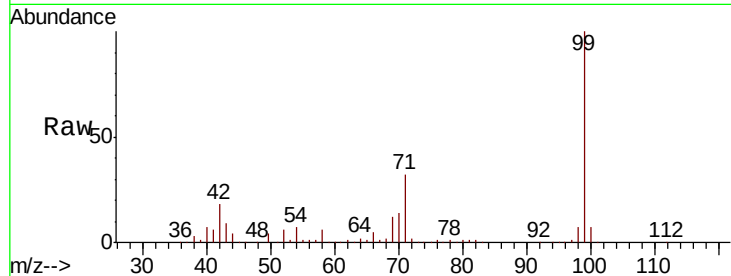
Tot Ion: 99 Resp: 1104461

Ion Ratio Lower Upper

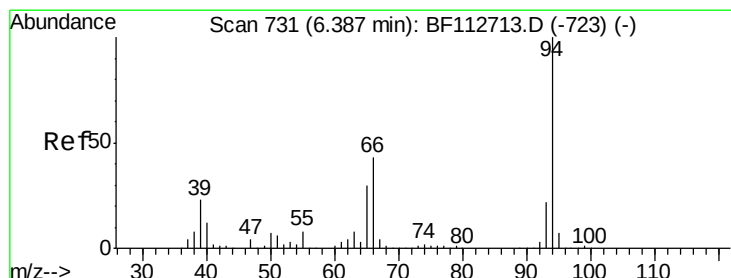
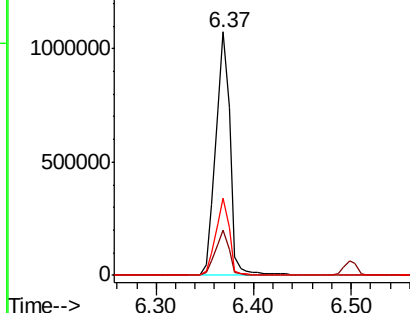
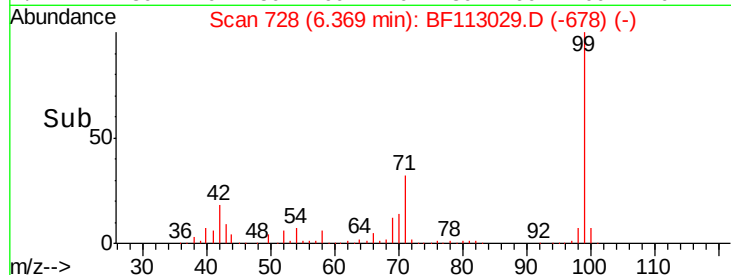
99 100

42 18.5 16.3 24.5

71 31.9 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: 2.355 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF113029.D

Acq: 13 Mar 2019 10:18

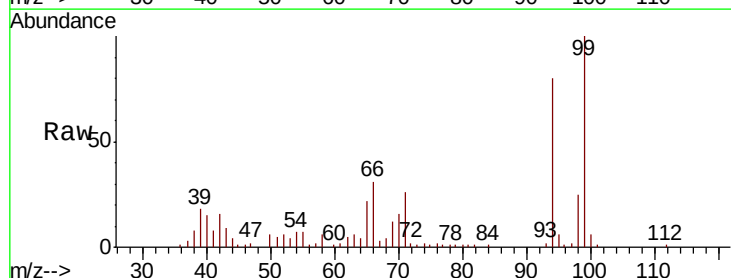
Tgt Ion: 94 Resp: 39681

Ion Ratio Lower Upper

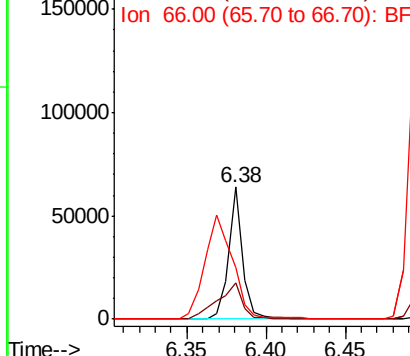
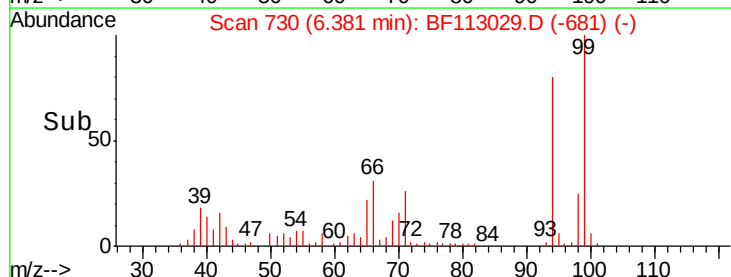
94 100

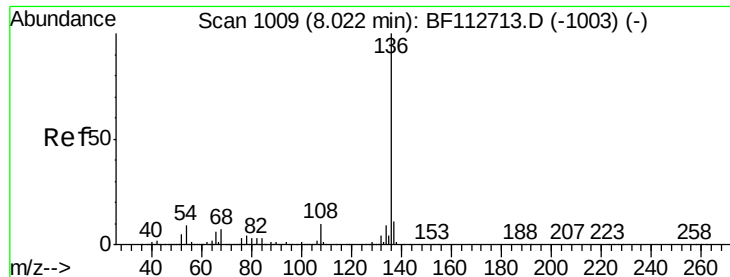
65 27.2 10.5 50.5

66 38.7 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

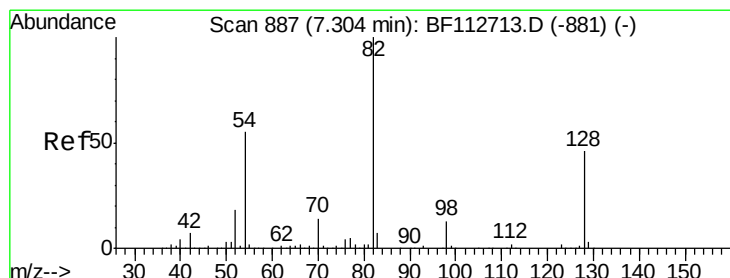
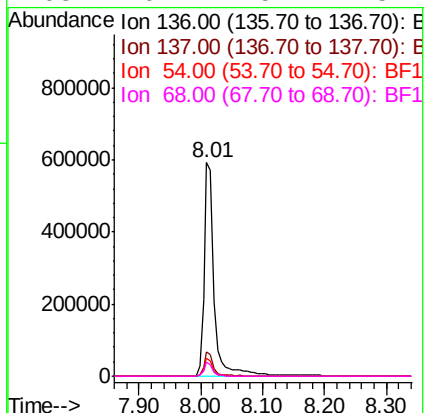
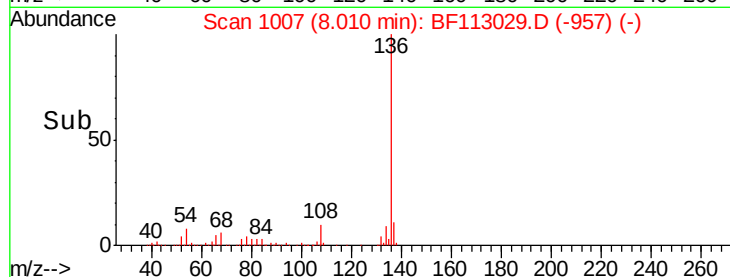
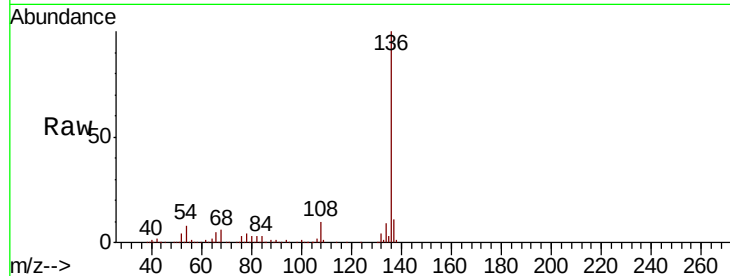




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113029.D
Acq: 13 Mar 2019 10:18

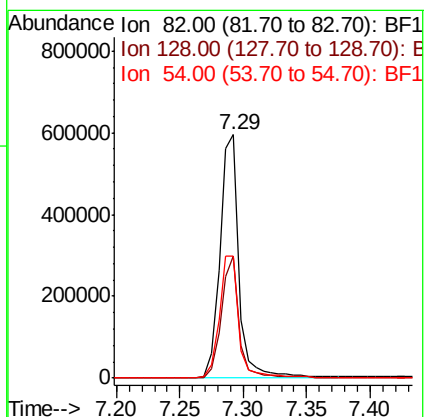
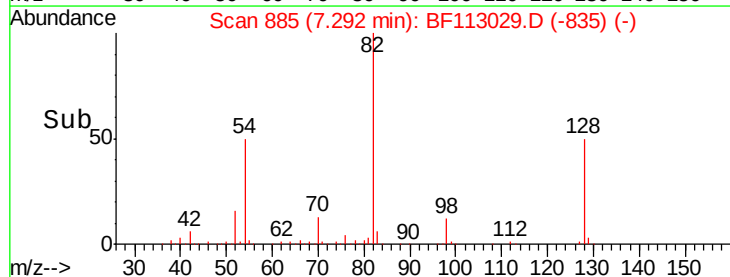
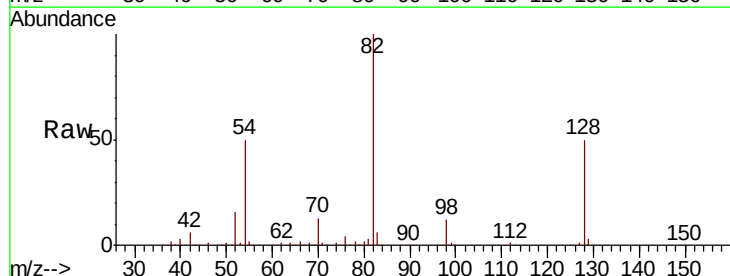
Instrument :
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PST-027-B111-030619

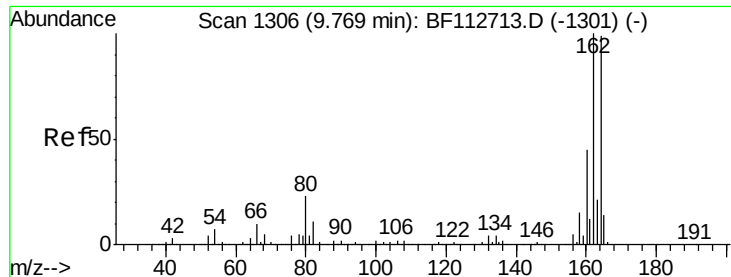
Tot Ion:136	Resp: 687187
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 8.5	7.3 10.9
68 6.4	5.4 8.2



#23
Nitrobenzene-d5
Concen: 54.645 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113029.D
Acq: 13 Mar 2019 10:18

Tgt Ion: 82	Resp: 627547
Ion Ratio	Lower Upper
82 100	
128 49.9	36.3 54.5
54 50.3	43.7 65.5

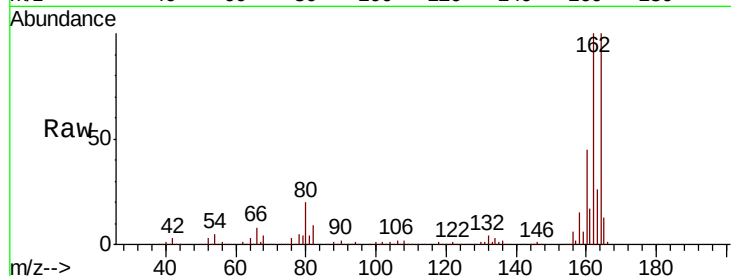




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF113029.D
 Acq: 13 Mar 2019 10:18

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B111-030619

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	120.8
160	44.6	36.0	54.0

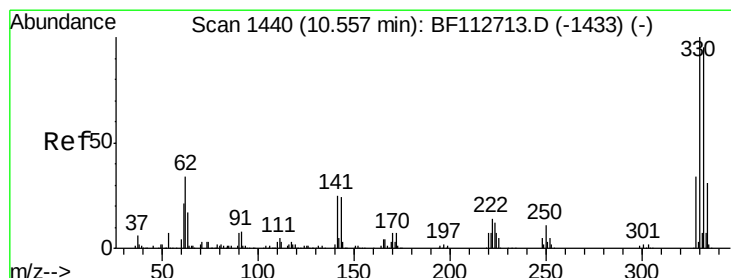
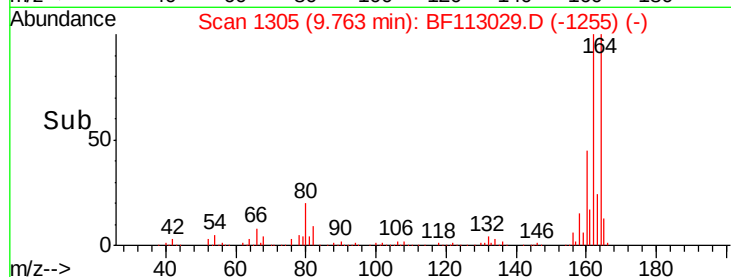
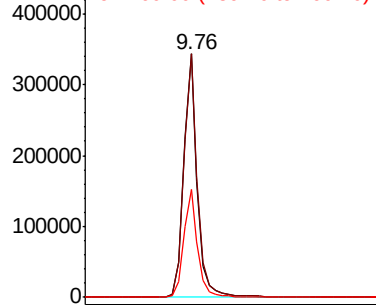


Abundance

Ion 164.00 (163.70 to 164.70): E

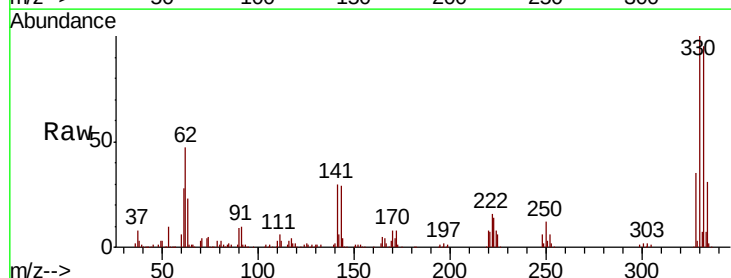
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
 2,4,6-Tribromophenol
 Concen: 87.765 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113029.D
 Acq: 13 Mar 2019 10:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.2	114.4
141	27.9	27.0	40.6

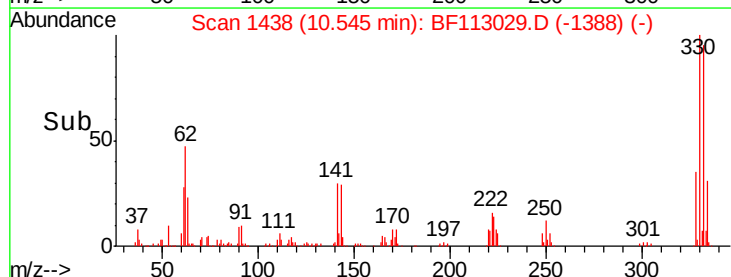
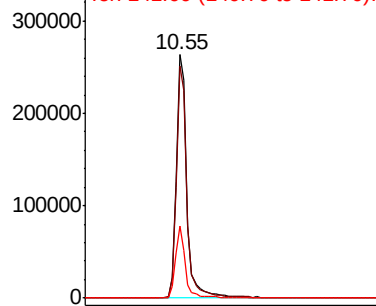


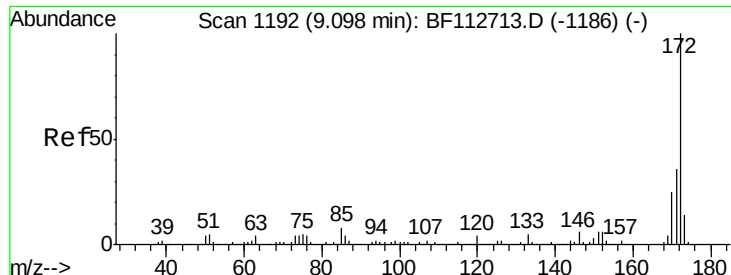
Abundance

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

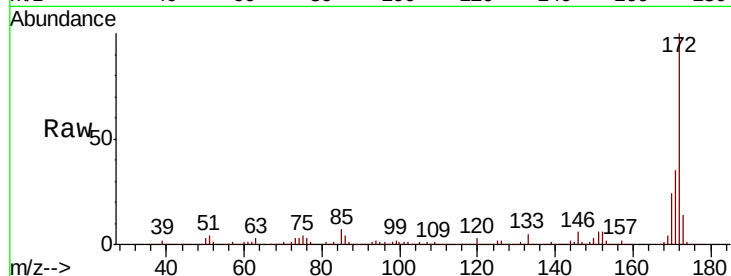




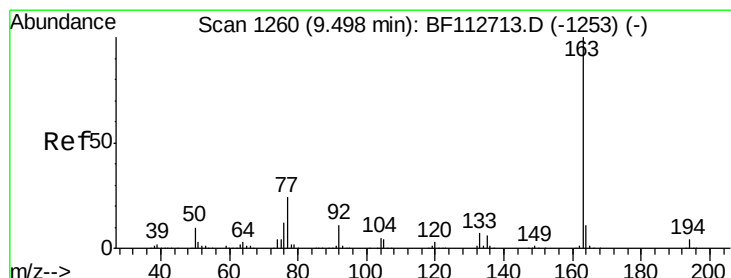
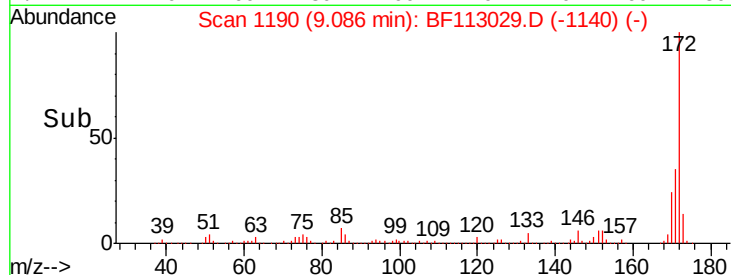
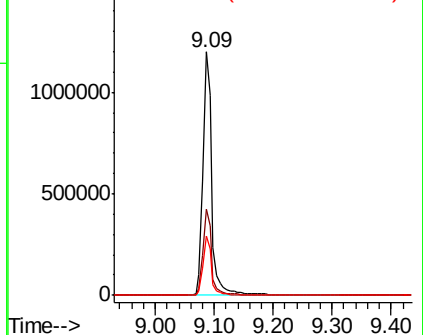
#45
2-Fluorobiphenyl
Concen: 61.012 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113029.D
Acq: 13 Mar 2019 10:18

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:172 Resp: 1236299
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.4
170 24.3 20.0 30.0

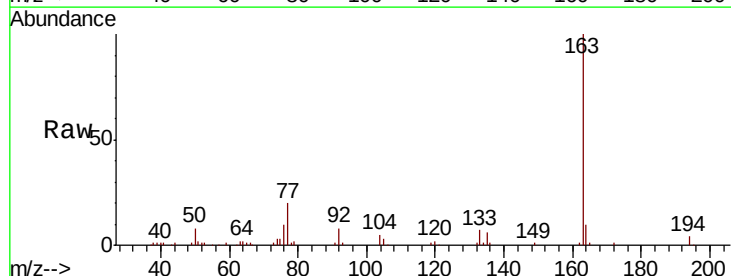


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

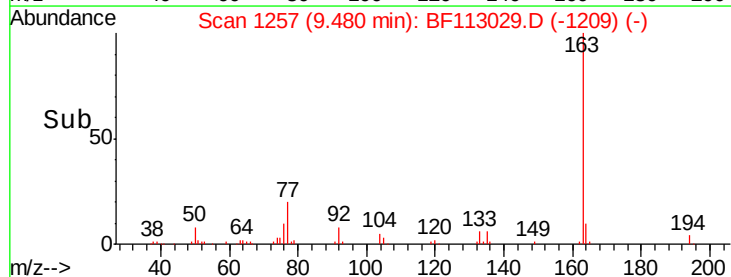
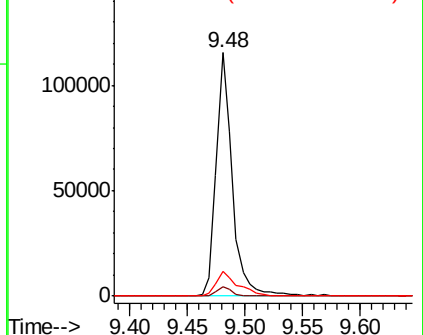


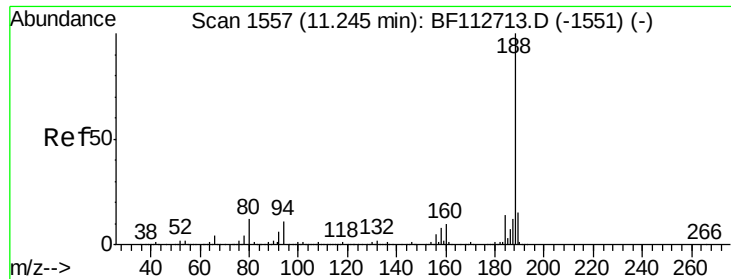
#50
Dimethylphthalate
Concen: 4.884 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF113029.D
Acq: 13 Mar 2019 10:18

Tgt Ion:163 Resp: 112221
Ion Ratio Lower Upper
163 100
194 3.7 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: BF113029.D

Acq: 13 Mar 2019 10:18

Instrument :

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ClientSampleId :

PST-027-B111-030619

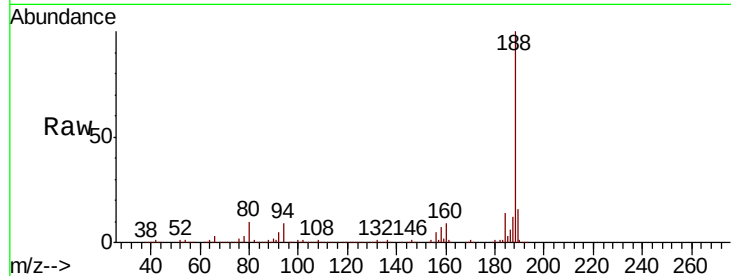
Tot Ion:188 Resp: 528808

Ion Ratio Lower Upper

188 100

94 9.3 9.0 13.4

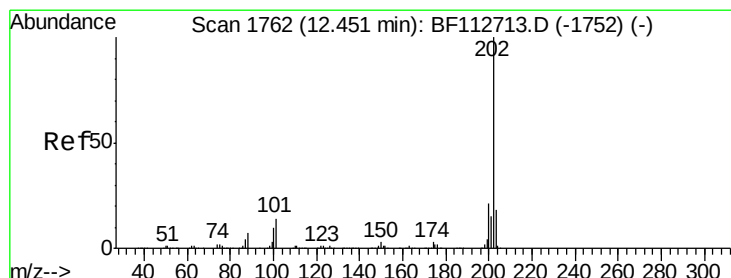
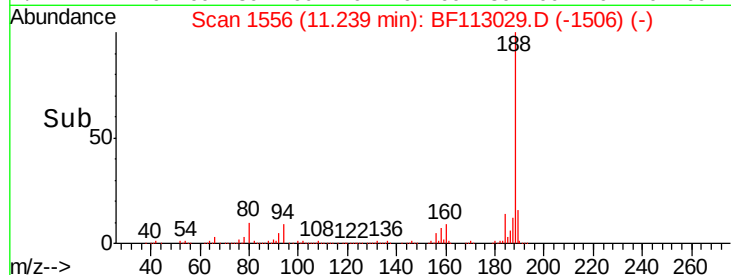
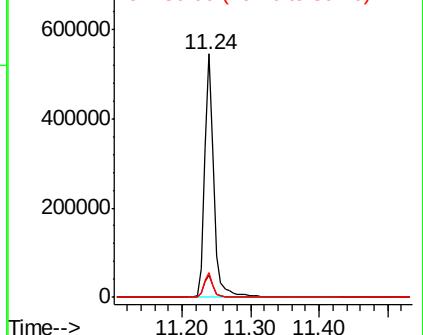
80 10.0 9.2 13.8



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



#75

Fluoranthene

Concen: 2.108 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF113029.D

Acq: 13 Mar 2019 10:18

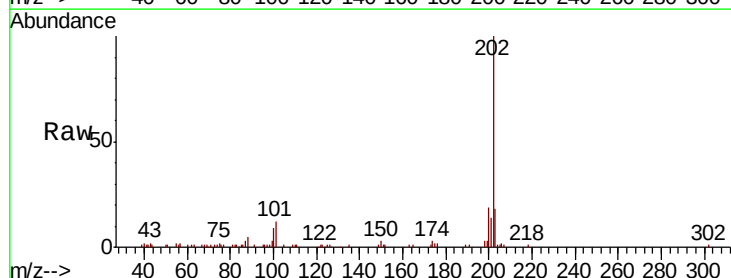
Tgt Ion:202 Resp: 59417

Ion Ratio Lower Upper

202 100

101 11.9 0.0 33.8

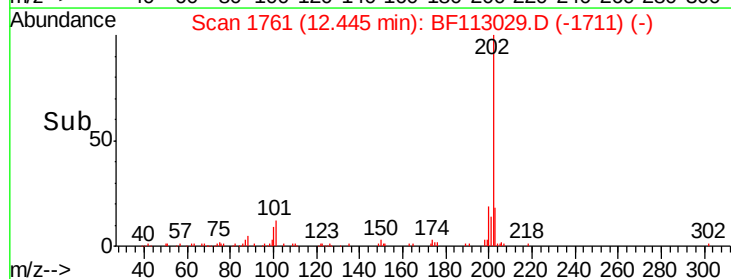
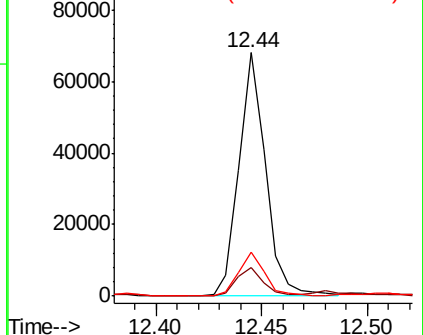
203 17.9 0.0 38.4

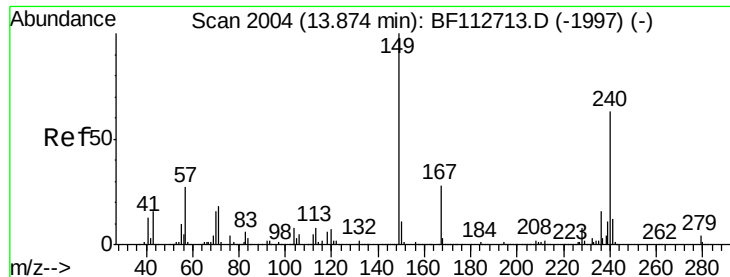


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

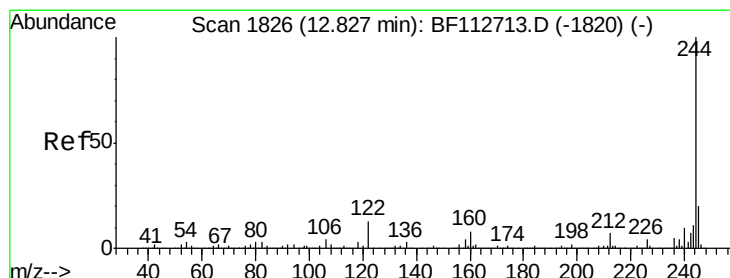
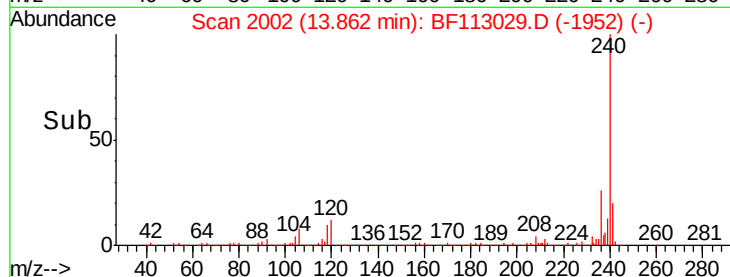
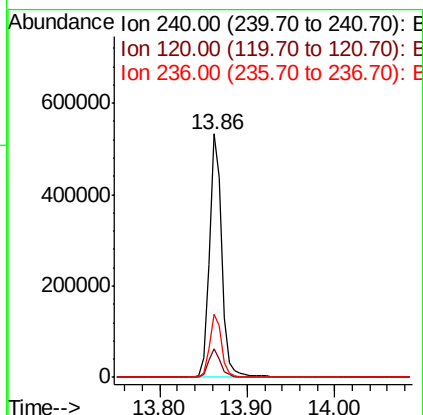
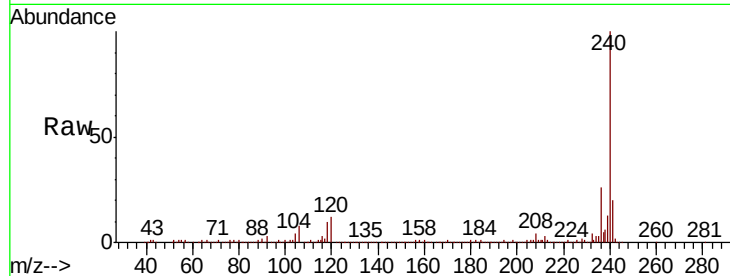




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF113029.D
 Acq: 13 Mar 2019 10:18

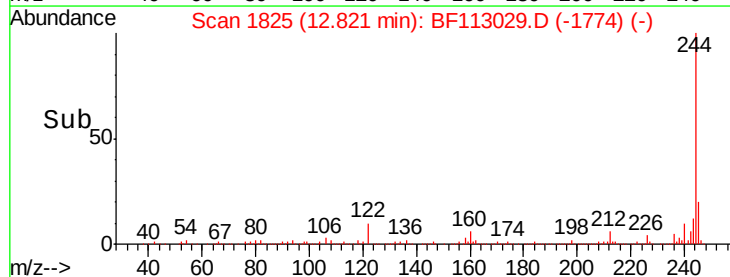
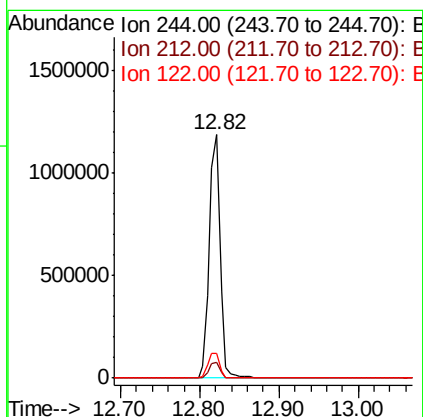
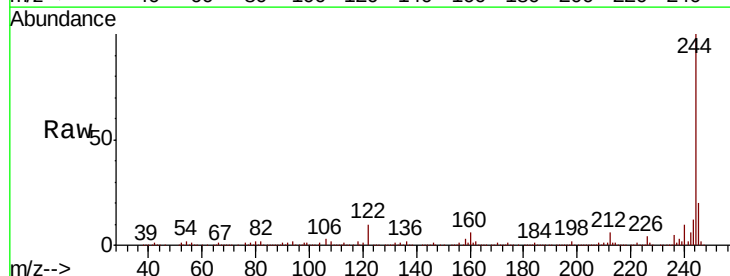
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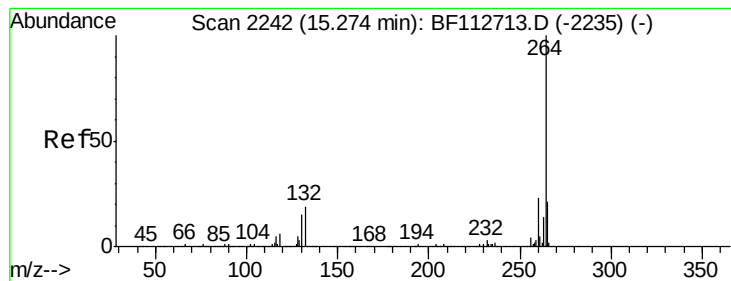
Tot Ion:240 Resp: 522609
 Ion Ratio Lower Upper
 240 100
 120 11.6 8.9 13.3
 236 25.7 20.7 31.1



#79
 Terphenyl-d14
 Concen: 42.507 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF113029.D
 Acq: 13 Mar 2019 10:18

Tgt Ion:244 Resp: 1145972
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 10.1 10.5 15.7#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113029.D
Acq: 13 Mar 2019 10:18

Instrument :
BNA_F
ClientSampleId :
PST-027-B111-030619

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.8	17.2	25.8

