

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
 Data File : BF111294.D
 Acq On : 11 Dec 2018 23:44
 Operator : JU/SJ
 Sample : J6157-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-6-DISSOLVED

Quant Time: Dec 12 01:11:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

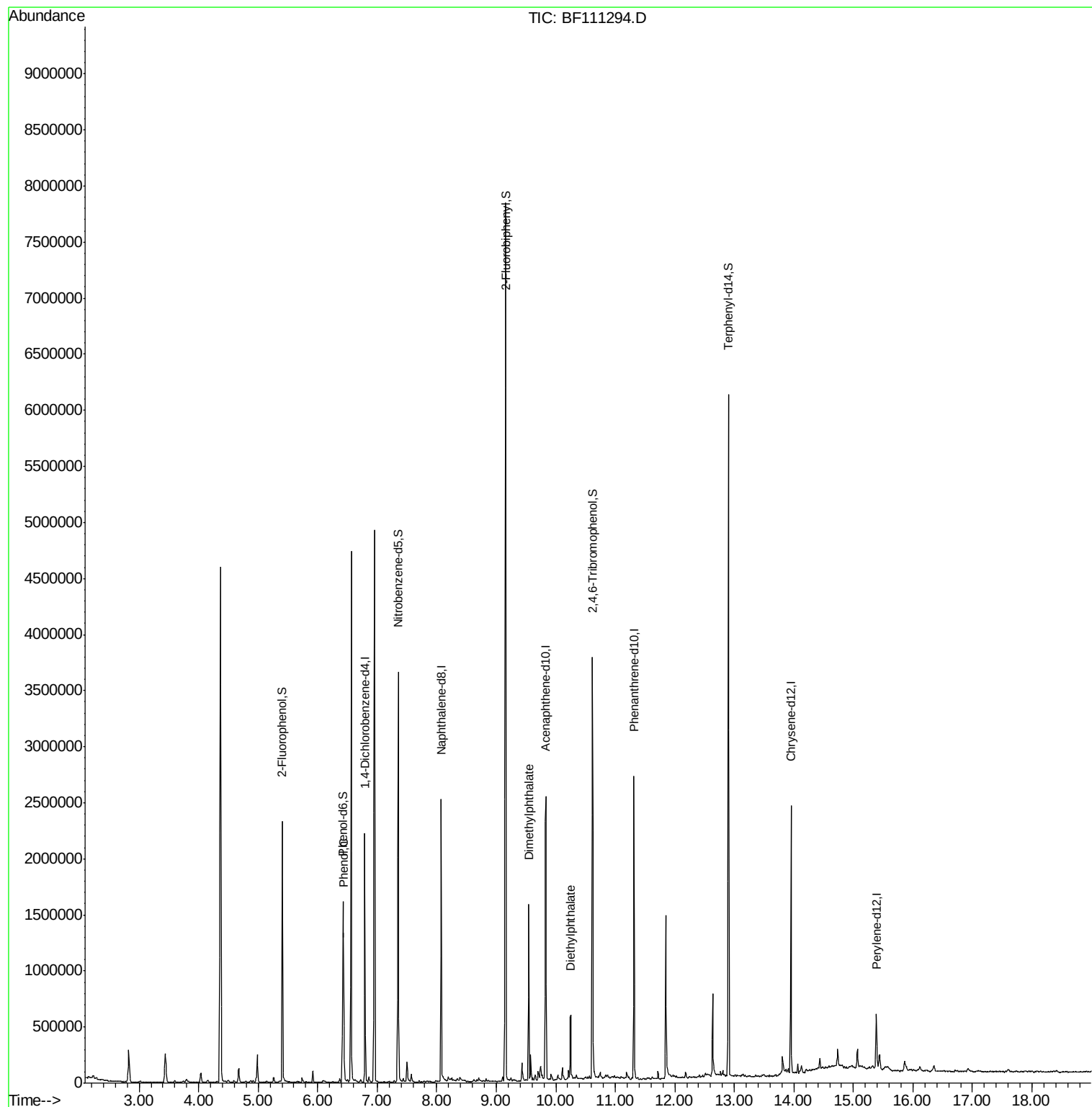
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	317271	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1088004	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	460622	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	903139	20.00	ng	0.00
76) Chrysene-d12	13.95	240	714541	20.00	ng	0.00
87) Perylene-d12	15.39	264	129796	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	607985	30.26	ng	0.00
7) Phenol-d6	6.42	99	485700	19.45	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1236190	63.73	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	391535	95.96	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	2352609	90.57	ng	0.00
79) Terphenyl-d14	12.90	244	1934852	64.95	ng	0.00
Target Compounds						
10) Phenol	6.43	94	344379	11.795	ng	91
50) Dimethylphthalate	9.55	163	529671	15.584	ng	99
60) Diethylphthalate	10.25	149	200819	6.198	ng	98

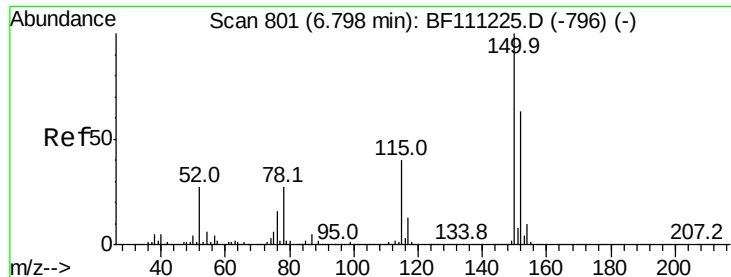
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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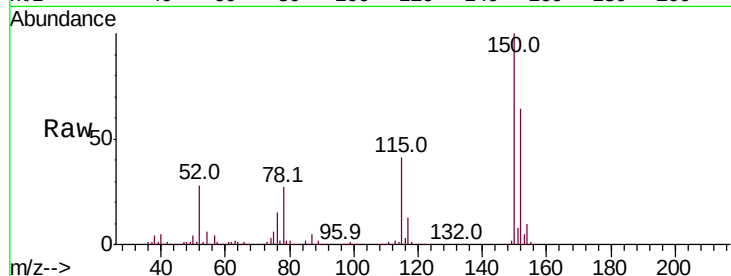


#1

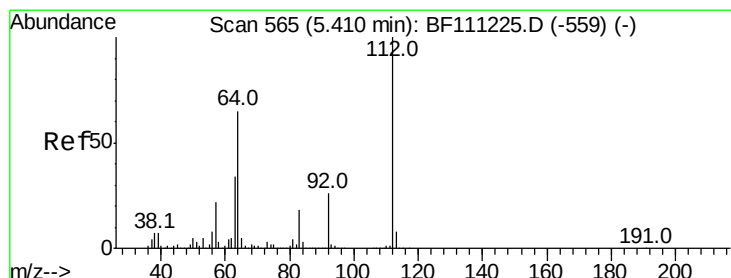
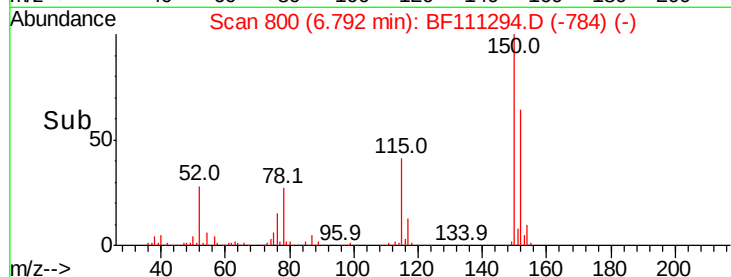
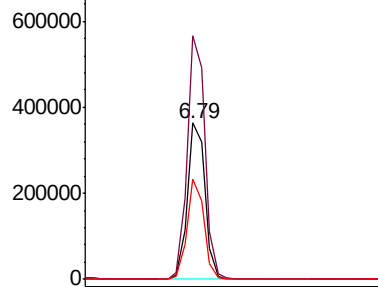
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF111294.D
Acq: 11 Dec 2018 23:44

Instrument :
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COMPOSITE-6-DISSOLVED

Tot Ion:152 Resp: 317271
Ion Ratio Lower Upper
152 100
150 155.7 126.6 189.8
115 64.0 50.7 76.1



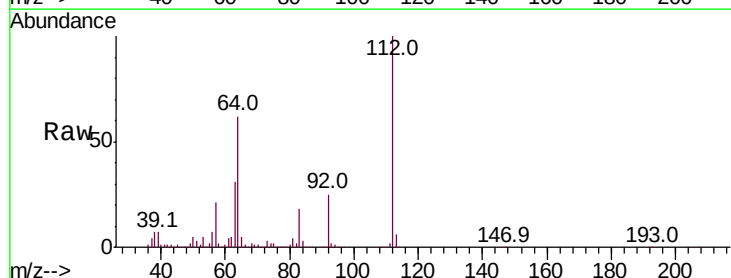
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



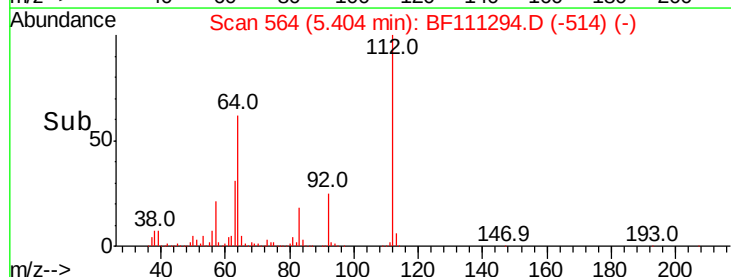
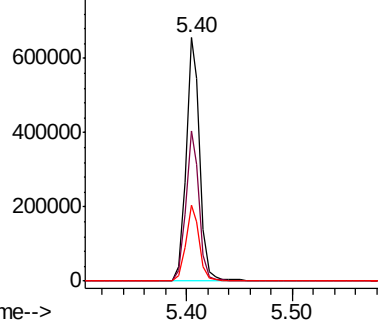
#5

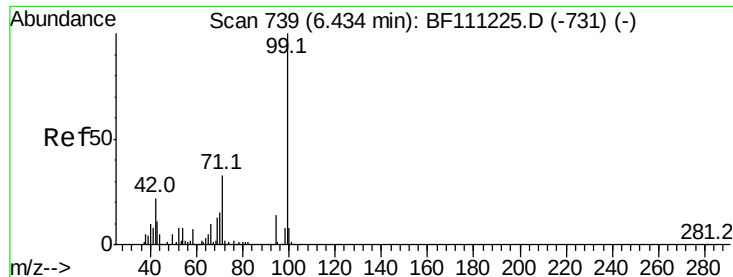
2-Fluorophenol
Concen: 30.260 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF111294.D
Acq: 11 Dec 2018 23:44

Tgt Ion:112 Resp: 607985
Ion Ratio Lower Upper
112 100
64 61.6 51.8 77.6
63 31.0 26.8 40.2



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: 19.452 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111294.D

Acq: 11 Dec 2018 23:44

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-6-DISSOLVED

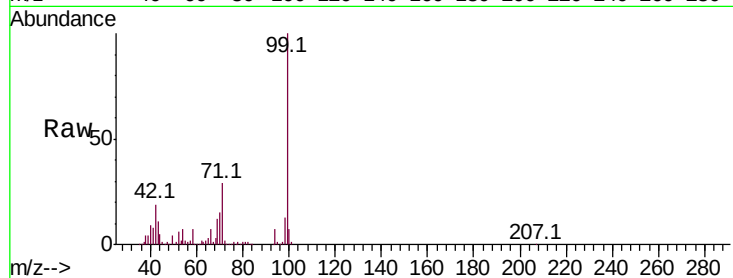
Tot Ion: 99 Resp: 485700

Ion Ratio Lower Upper

99 100

42 19.5 17.4 26.0

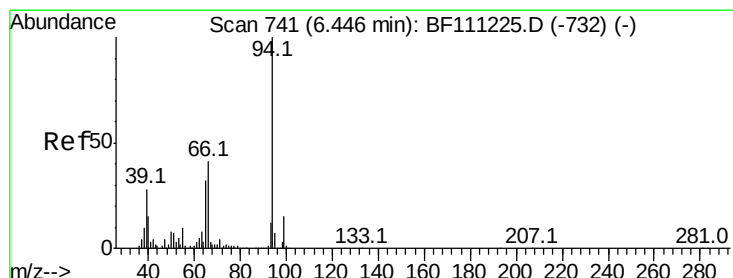
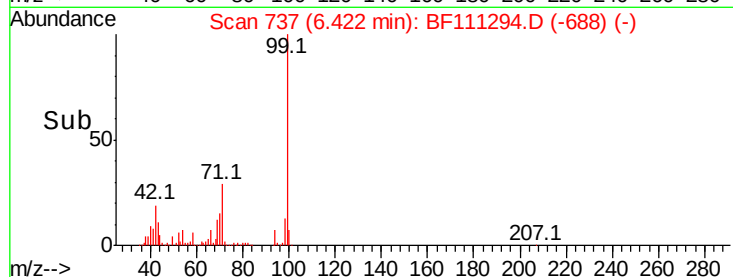
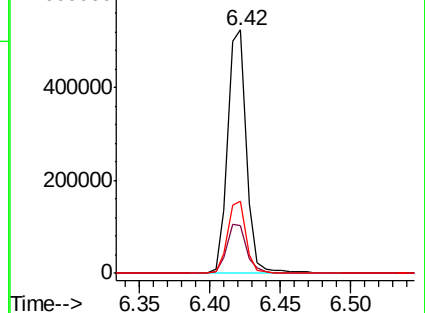
71 29.4 26.1 39.1



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: 11.795 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111294.D

Acq: 11 Dec 2018 23:44

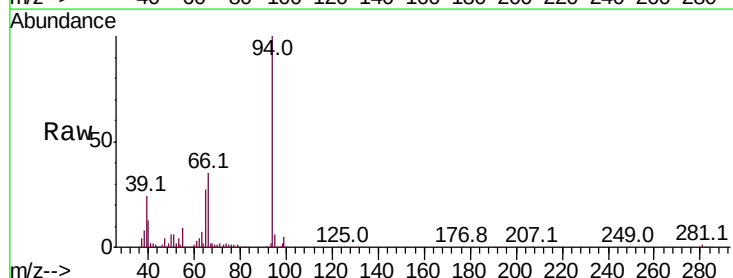
Tgt Ion: 94 Resp: 344379

Ion Ratio Lower Upper

94 100

65 27.0 11.7 51.7

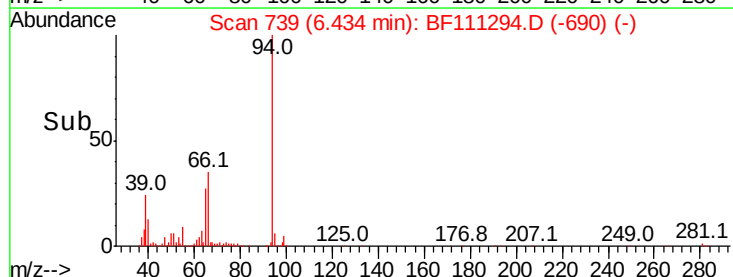
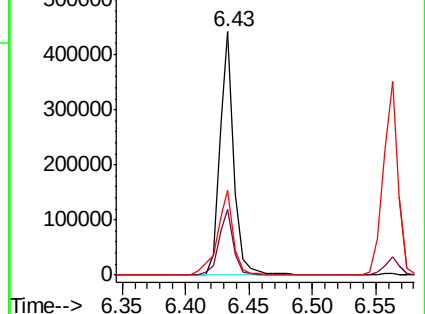
66 34.7 21.0 61.0

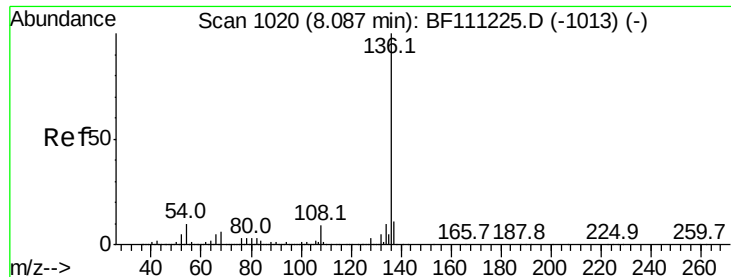


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

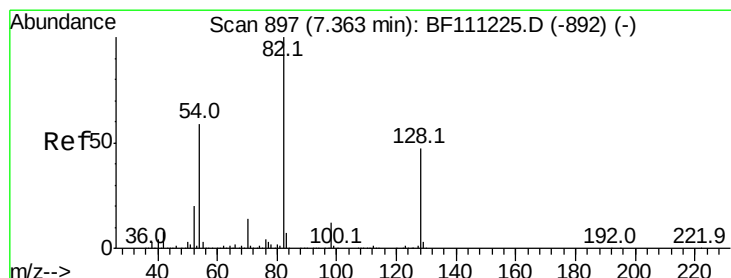
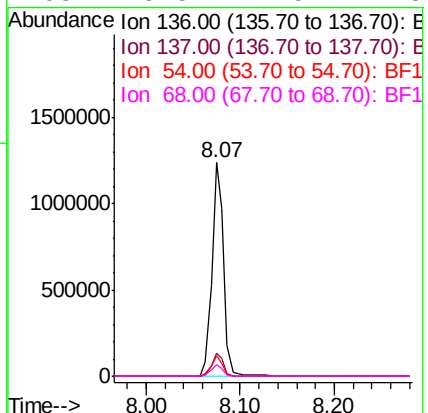
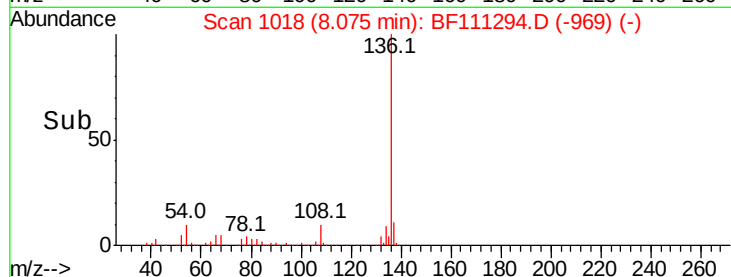
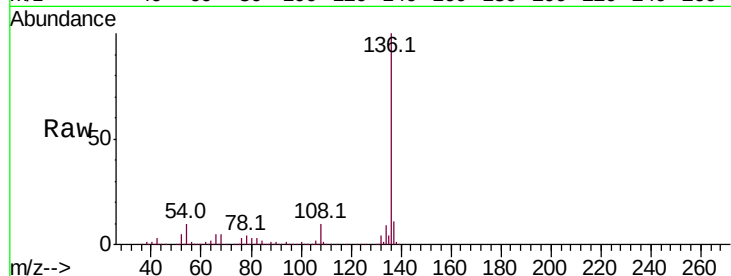




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111294.D
Acq: 11 Dec 2018 23:44

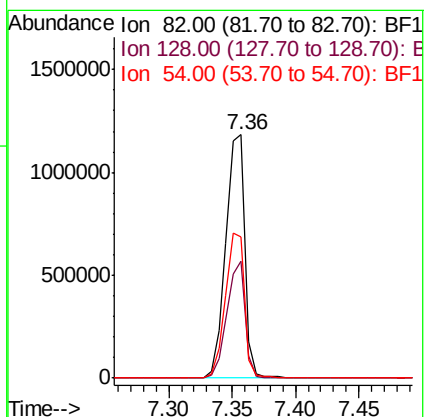
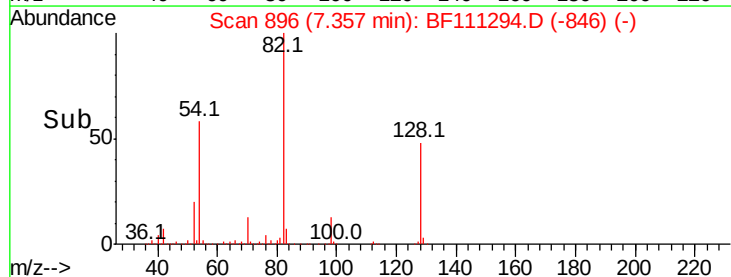
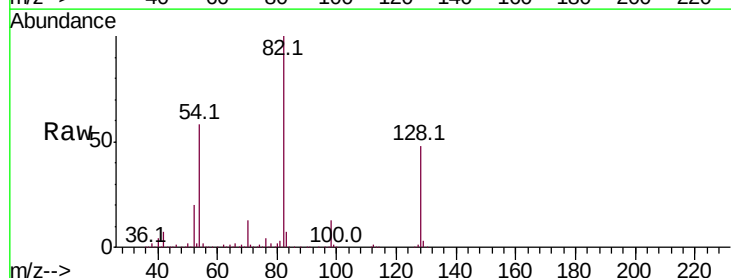
Instrument :
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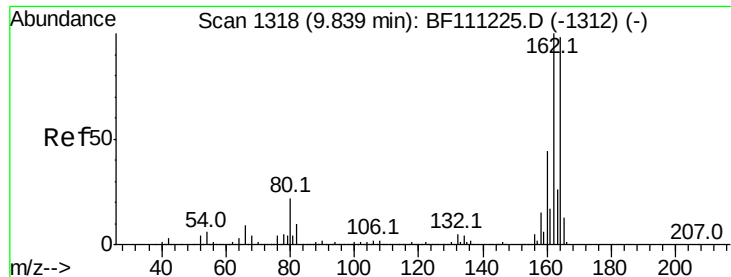
Tot Ion:136 Resp: 1088004
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.6 7.7 11.5
68 5.5 4.9 7.3



#23
Nitrobenzene-d5
Concen: 63.728 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111294.D
Acq: 11 Dec 2018 23:44

Tgt Ion: 82 Resp: 1236190
Ion Ratio Lower Upper
82 100
128 48.0 37.4 56.2
54 58.3 47.6 71.4

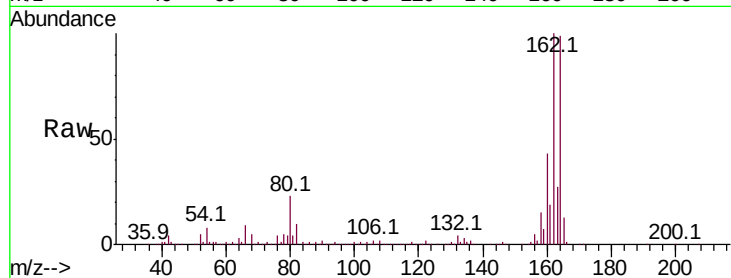




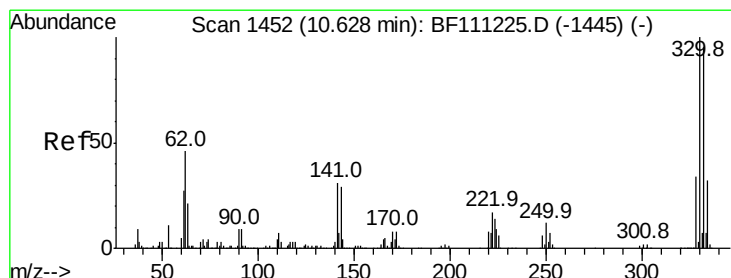
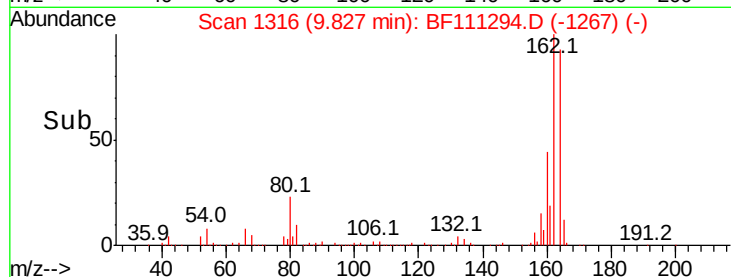
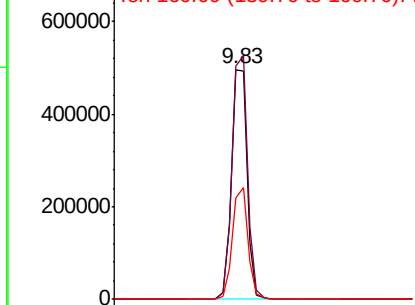
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111294.D
Acq: 11 Dec 2018 23:44

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-6-DISSOLVED

Tot Ion:164 Resp: 460622
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 44.0 35.7 53.5

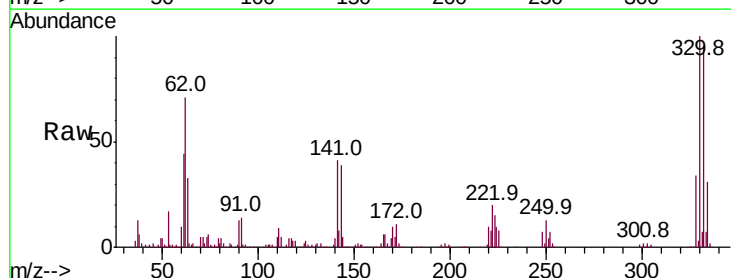


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

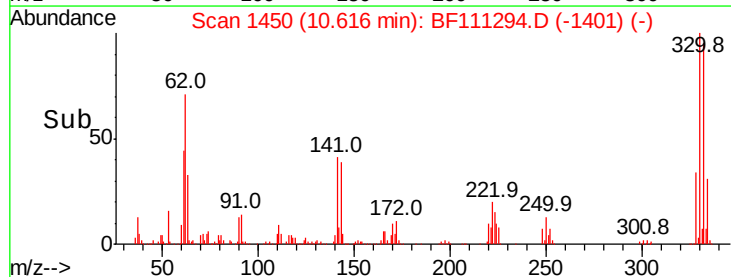
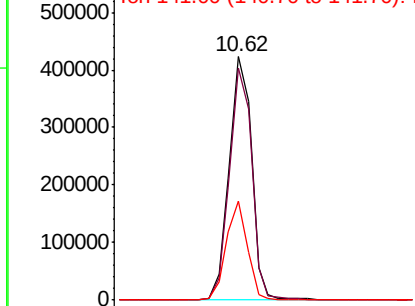


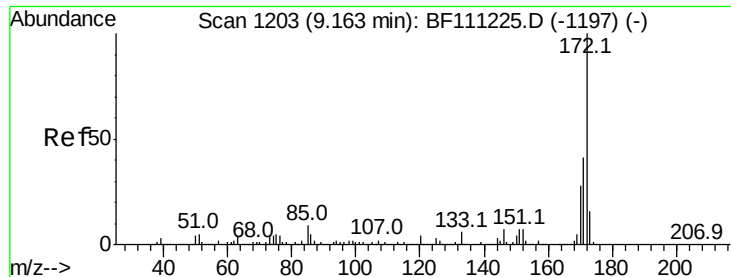
#42
2,4,6-Tribromophenol
Concen: 95.959 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111294.D
Acq: 11 Dec 2018 23:44

Tgt Ion:330 Resp: 391535
Ion Ratio Lower Upper
330 100
332 95.6 76.0 114.0
141 38.5 31.0 46.6



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

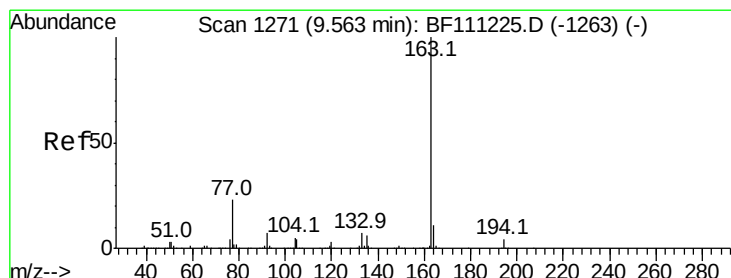
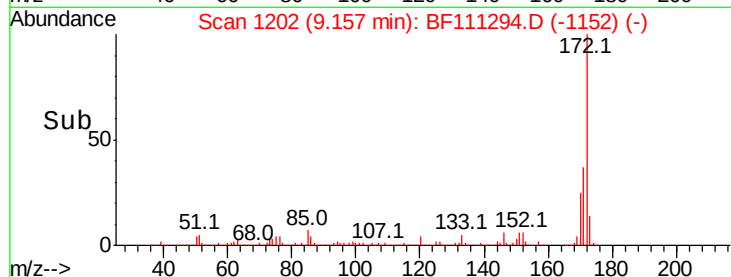
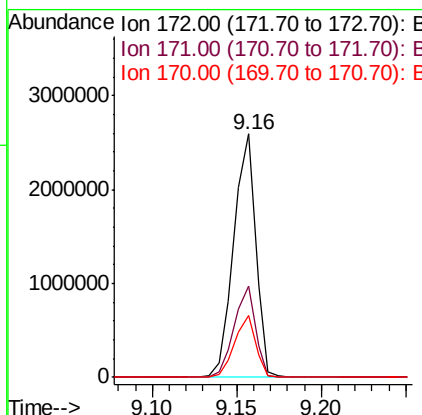
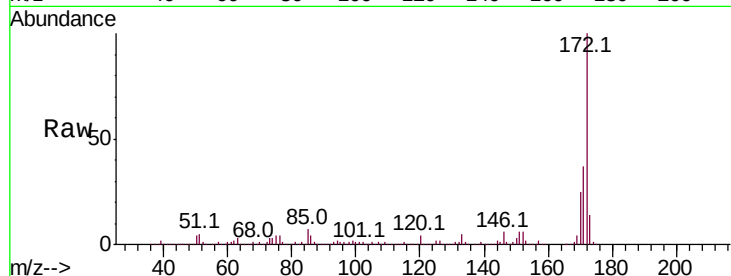




#45
2-Fluorobiphenyl
Concen: 90.567 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF111294.D
Acq: 11 Dec 2018 23:44

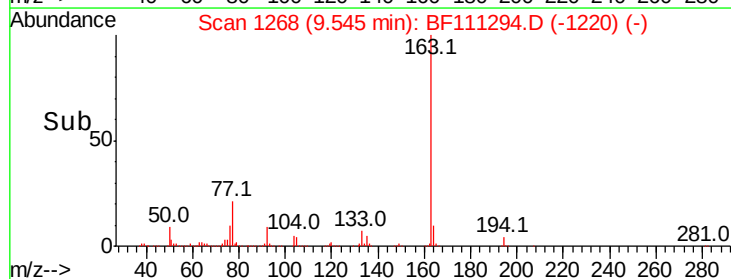
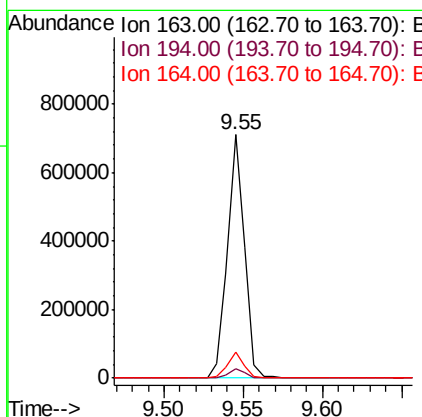
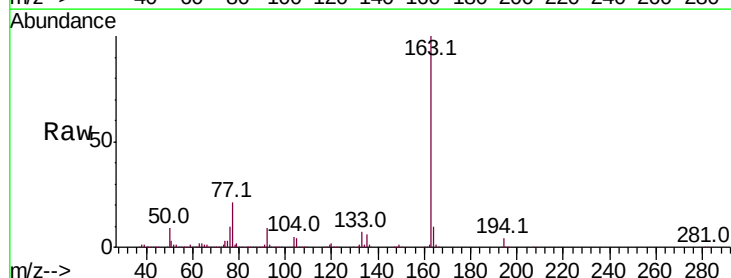
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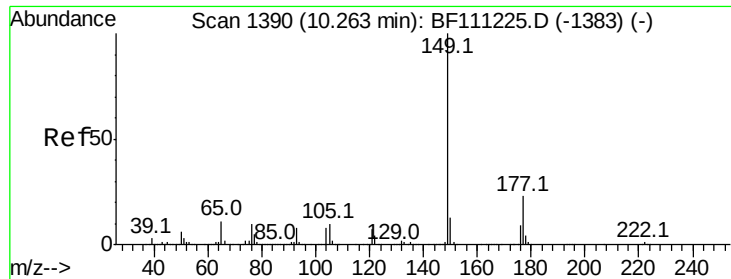
Tot Ion:172 Resp: 2352609
Ion Ratio Lower Upper
172 100
171 37.4 33.0 49.4
170 25.4 22.3 33.5



#50
Dimethylphthalate
Concen: 15.584 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111294.D
Acq: 11 Dec 2018 23:44

Tgt Ion:163 Resp: 529671
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.4 8.9 13.3

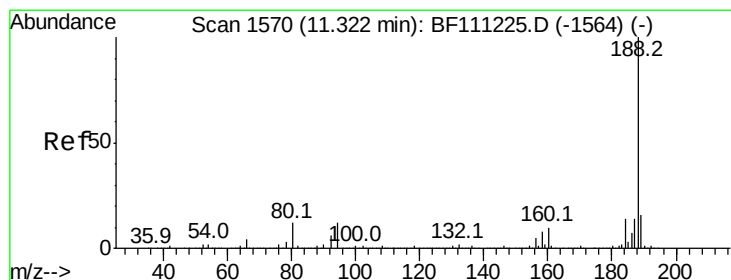
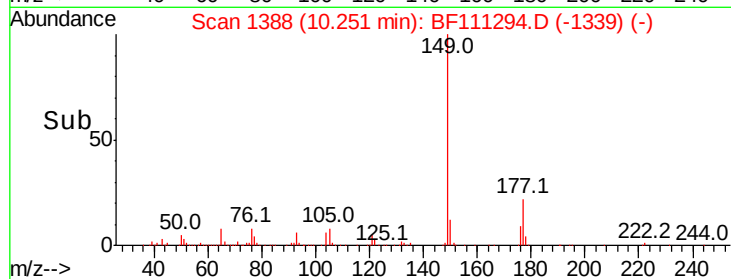
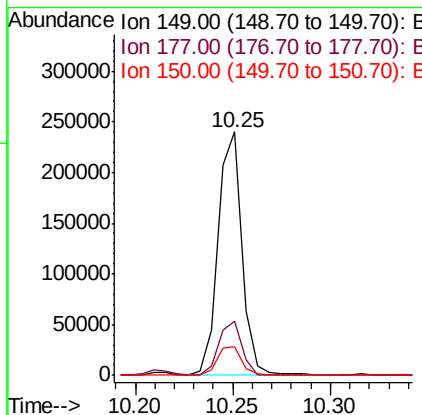
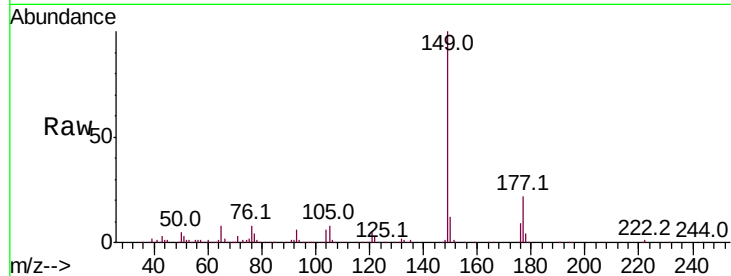




#60
Diethylphthalate
Concen: 6.198 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF111294.D
Acq: 11 Dec 2018 23:44

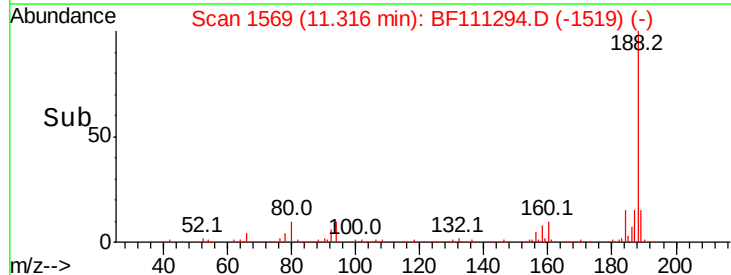
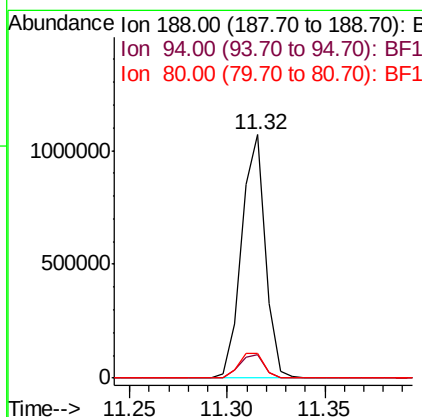
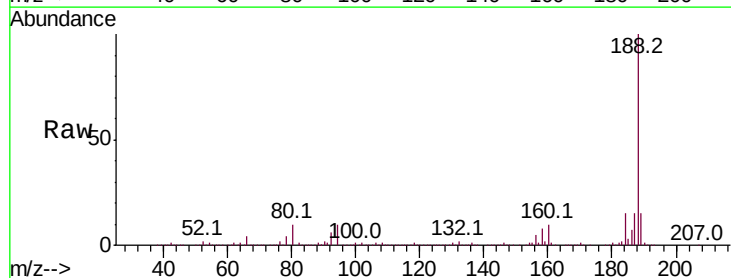
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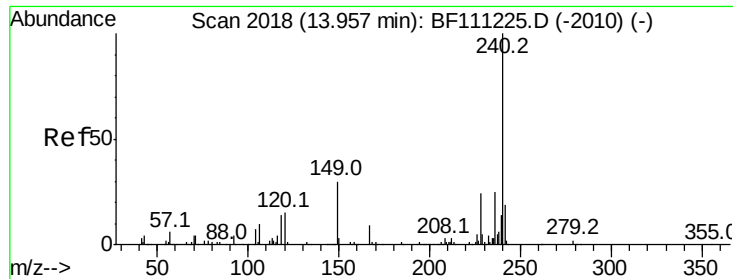
Tot Ion:149 Resp: 200819
Ion Ratio Lower Upper
149 100
177 22.1 18.3 27.5
150 11.7 10.6 15.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF111294.D
Acq: 11 Dec 2018 23:44

Tgt Ion:188 Resp: 903139
Ion Ratio Lower Upper
188 100
94 9.8 9.6 14.4
80 10.2 9.8 14.6

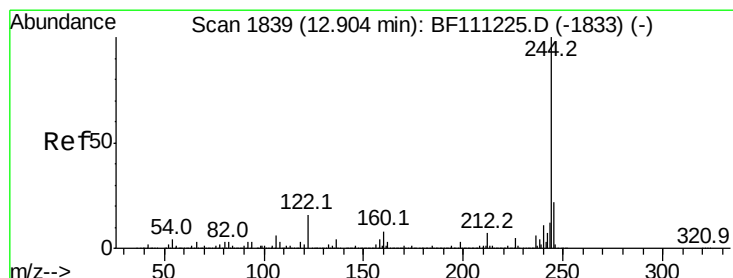
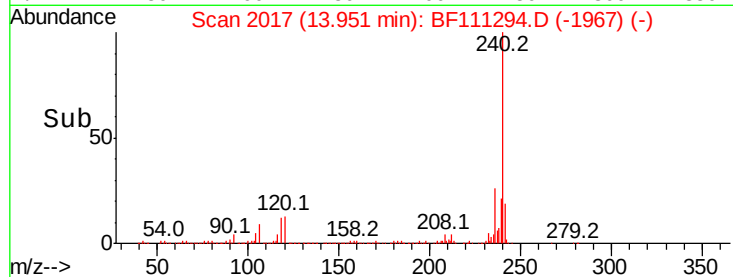
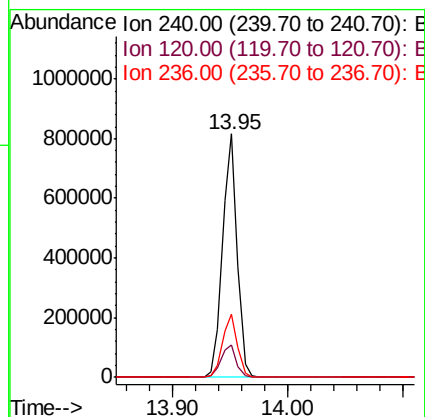
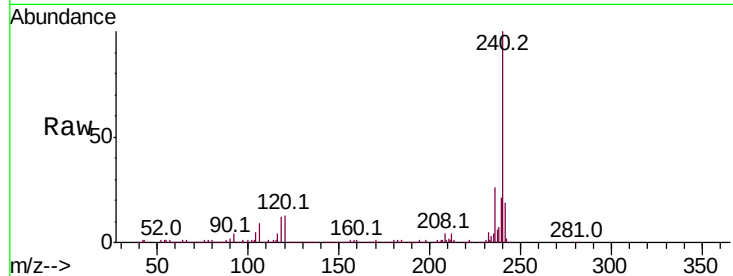




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF111294.D
 Acq: 11 Dec 2018 23:44

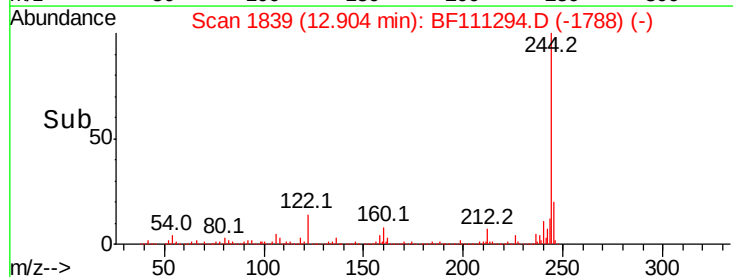
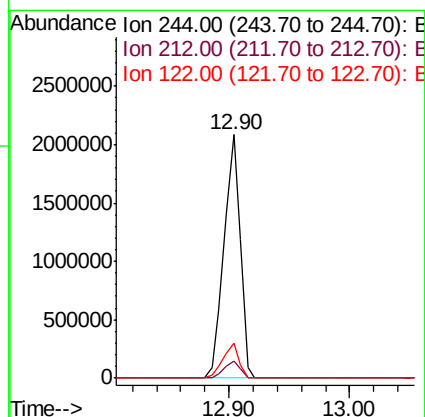
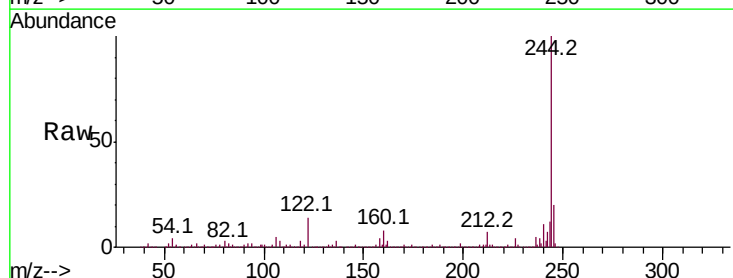
Instrument :
 BNA_F
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 COMPOSITE-6-DISSOLVED

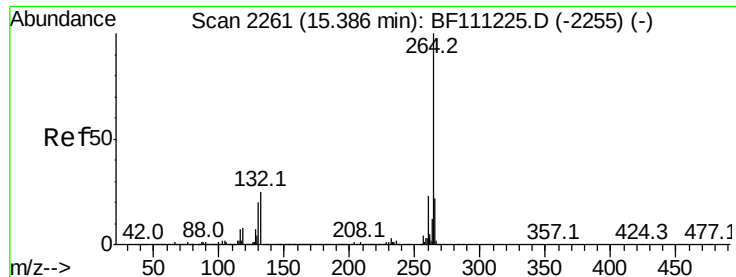
Tot Ion:240 Resp: 714541
 Ion Ratio Lower Upper
 240 100
 120 13.5 12.2 18.2
 236 25.9 20.2 30.2



#79
 Terphenyl-d14
 Concen: 64.951 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BF111294.D
 Acq: 11 Dec 2018 23:44

Tgt Ion:244 Resp: 1934852
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 14.2 13.1 19.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF111294.D
Acq: 11 Dec 2018 23:44

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-6-DISSOLVED

Tot Ion:	264	Resp:	129796
Ion Ratio	Lower	Upper	
264	100		
260	33.9	18.3	27.5#
265	19.4	17.7	26.5

