

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
 Data File : BF111290.D
 Acq On : 11 Dec 2018 21:46
 Operator : JU/SJ
 Sample : J6157-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-4-DISSOLVED

Quant Time: Dec 12 01:05:22 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

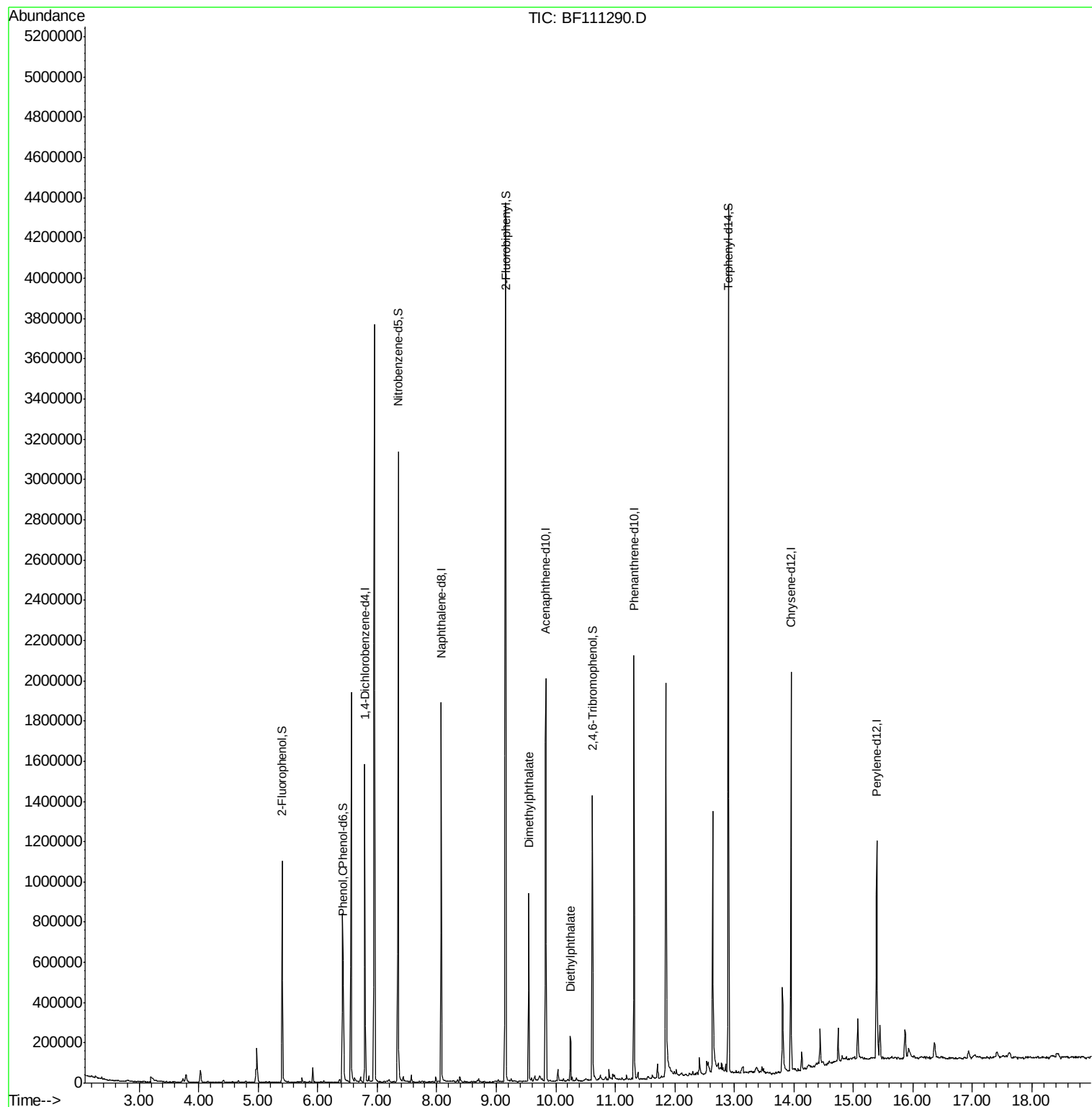
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	222058	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	803178	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	383335	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	699178	20.00	ng	0.00
76) Chrysene-d12	13.95	240	621519	20.00	ng	0.00
87) Perylene-d12	15.39	264	473136	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	284503	20.23	ng	0.00
7) Phenol-d6	6.42	99	243881	13.95	ng	-0.02
23) Nitrobenzene-d5	7.35	82	888898	62.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	141878	41.78	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1387714	56.66	ng	0.00
79) Terphenyl-d14	12.90	244	1364580	52.66	ng	0.00
Target Compounds						
10) Phenol	6.43	94	151924	7.435	ng	90
50) Dimethylphthalate	9.55	163	317347	11.220	ng	97
60) Diethylphthalate	10.25	149	73347	2.720	ng	94

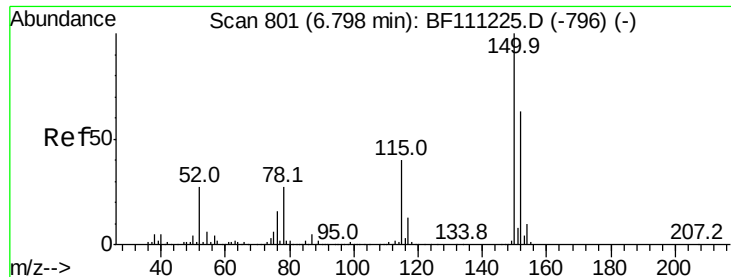
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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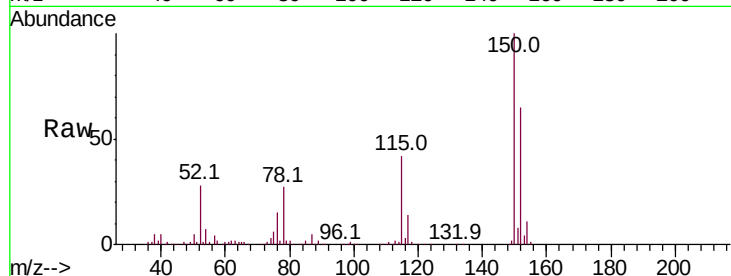


#1

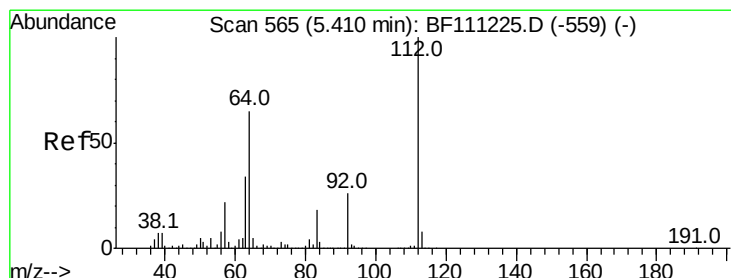
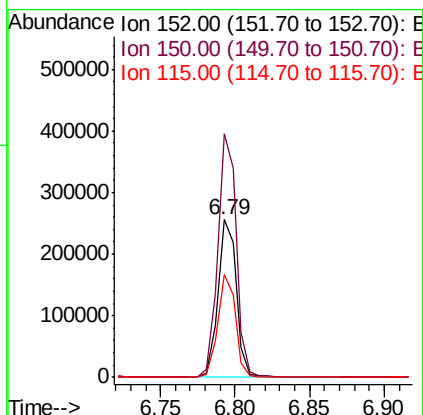
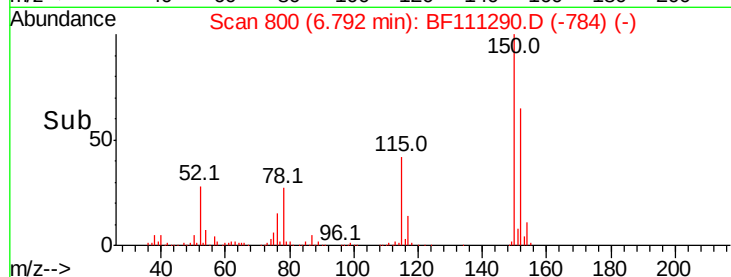
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF111290.D
Acq: 11 Dec 2018 21:46

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-4-DISSOLVED

Tot Ion:152 Resp: 222058
Ion Ratio Lower Upper
152 100
150 154.4 126.6 189.8
115 64.8 50.7 76.1



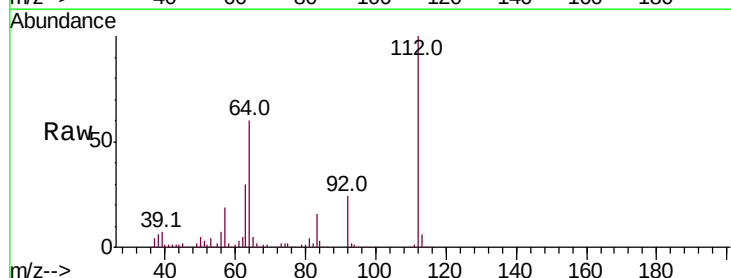
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



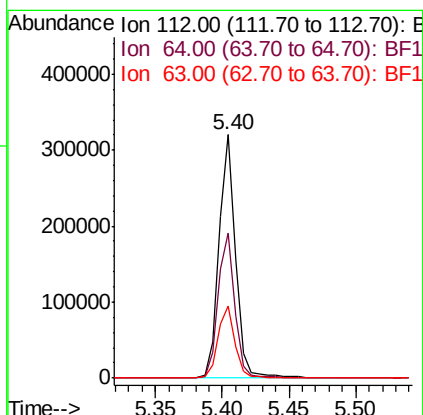
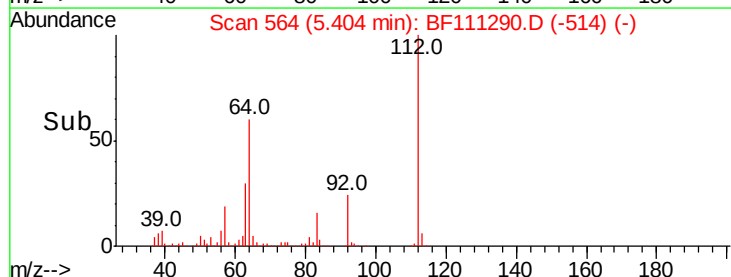
#5

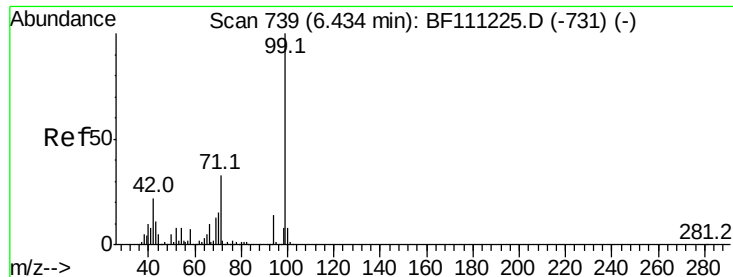
2-Fluorophenol
Concen: 20.231 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF111290.D
Acq: 11 Dec 2018 21:46

Tgt Ion:112 Resp: 284503
Ion Ratio Lower Upper
112 100
64 59.8 51.8 77.6
63 29.6 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: 13.955 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF111290.D

Acq: 11 Dec 2018 21:46

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-4-DISSOLVED

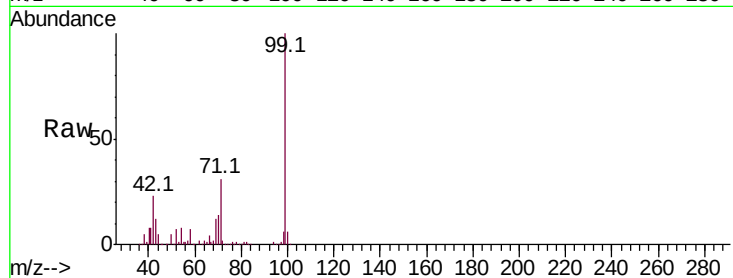
Tot Ion: 99 Resp: 243881

Ion Ratio Lower Upper

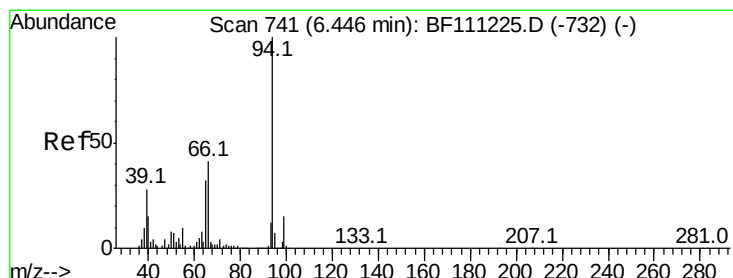
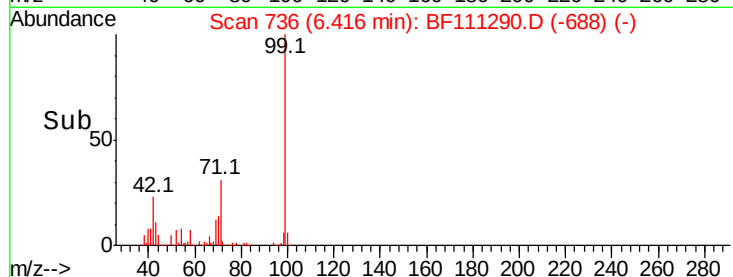
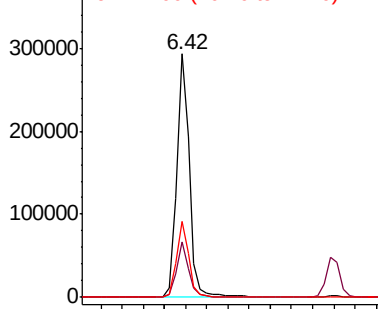
99 100

42 22.9 17.4 26.0

71 31.3 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: 7.435 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111290.D

Acq: 11 Dec 2018 21:46

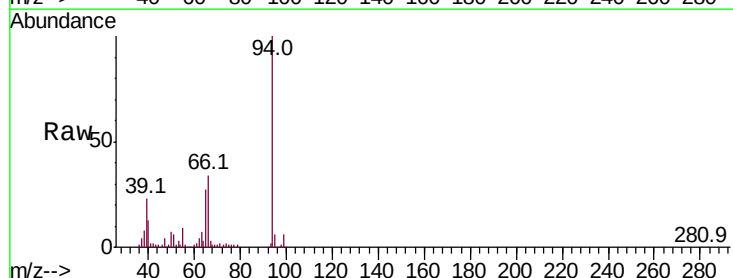
Tgt Ion: 94 Resp: 151924

Ion Ratio Lower Upper

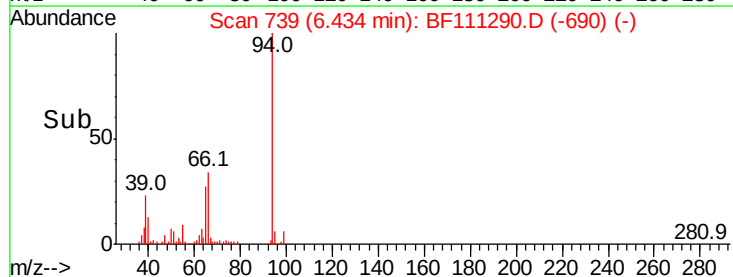
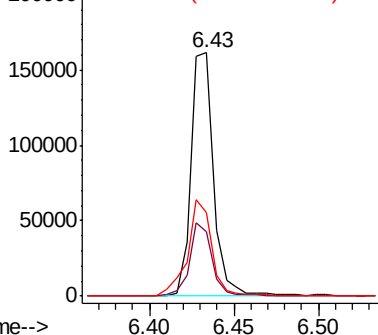
94 100

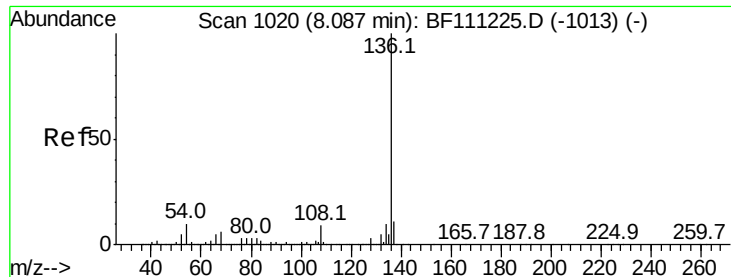
65 26.5 11.7 51.7

66 34.4 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

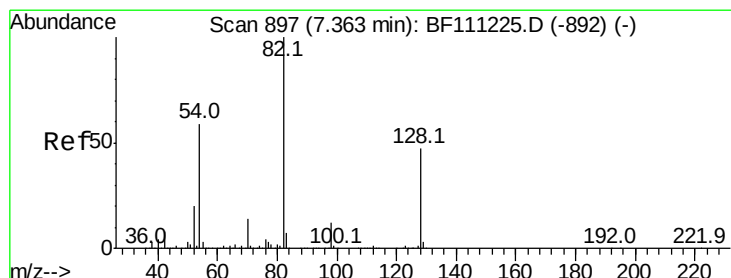
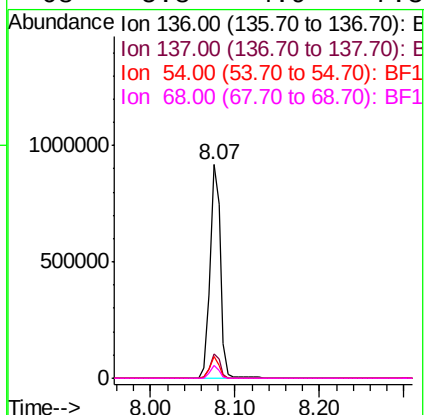
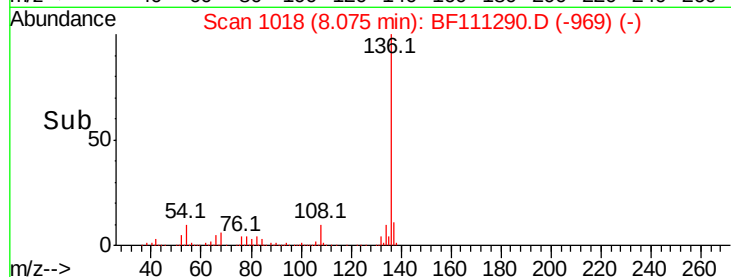
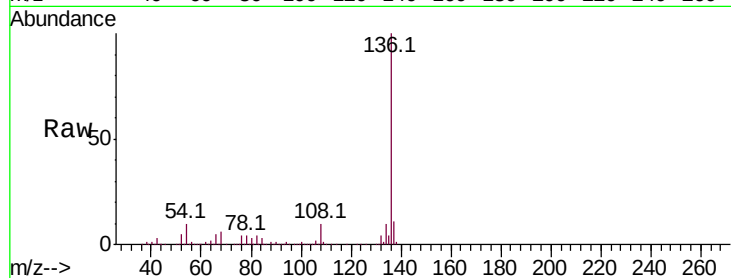




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111290.D
Acq: 11 Dec 2018 21:46

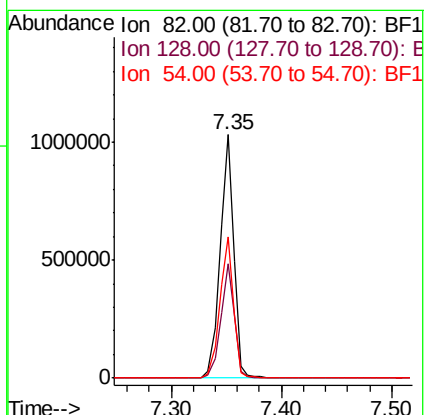
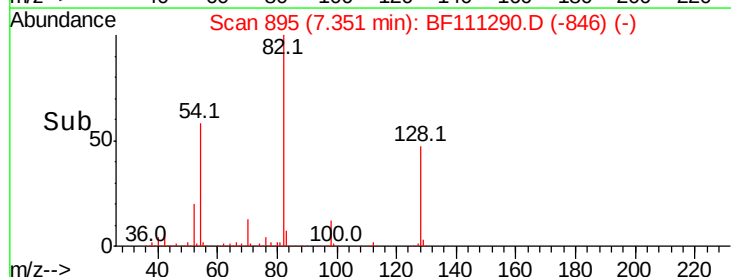
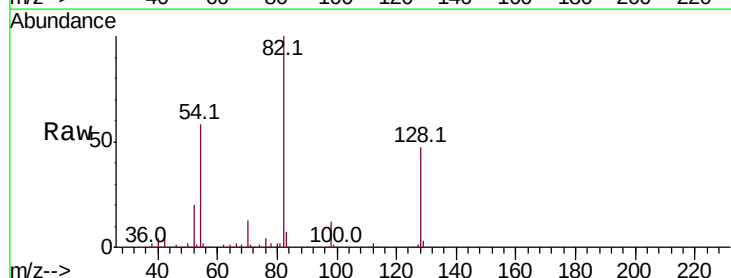
Instrument :
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ClientSampleId :
COMPOSITE-4-DISSOLVED

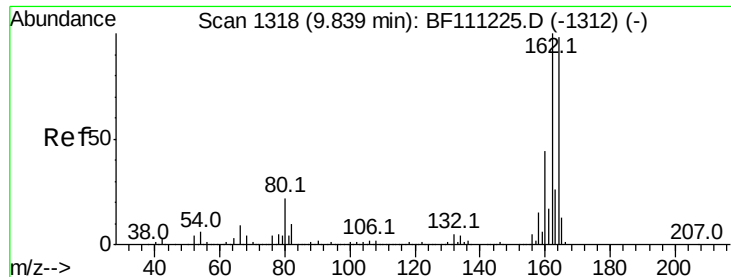
Tot Ion:	136	Resp:	803178
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	10.0	7.7	11.5
68	5.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 62.075 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111290.D
Acq: 11 Dec 2018 21:46

Tgt Ion:	82	Resp:	888898
Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.4	56.2
54	58.0	47.6	71.4

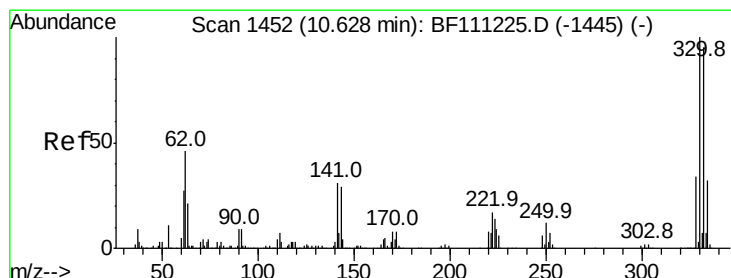
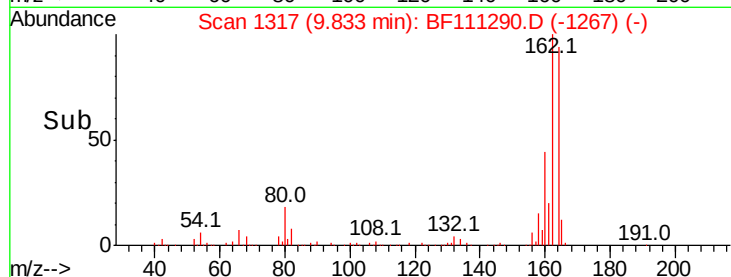
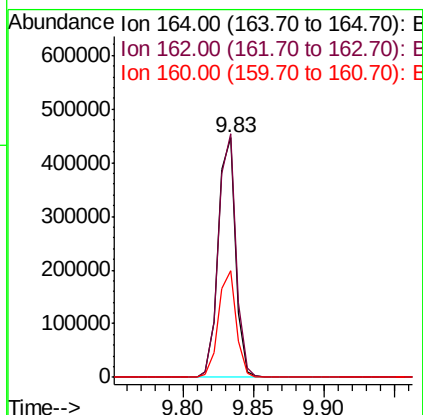
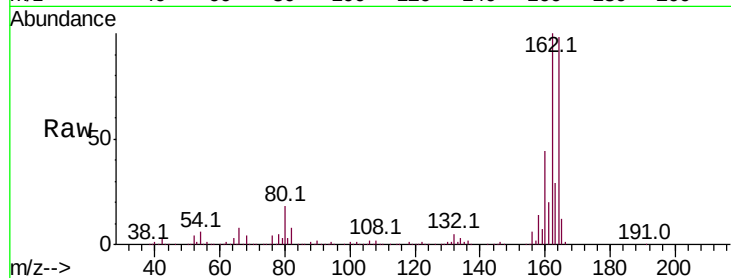




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF111290.D
 Acq: 11 Dec 2018 21:46

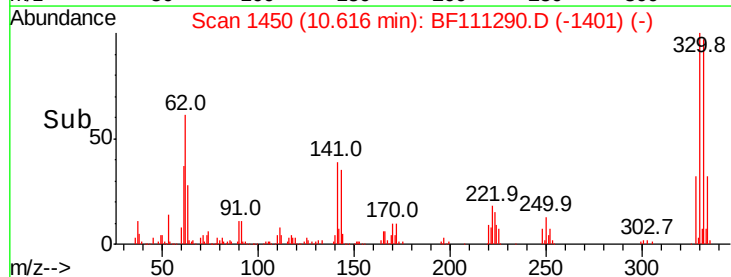
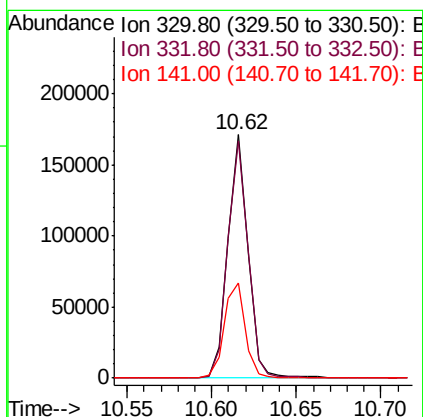
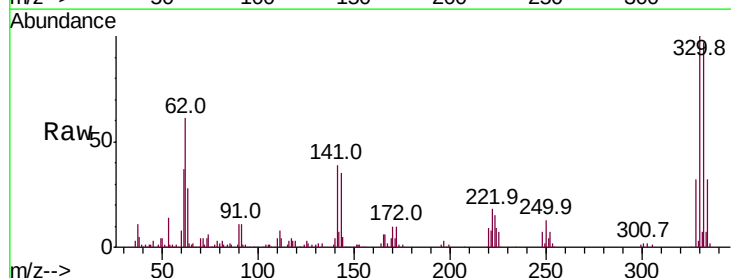
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-4-DISSOLVED

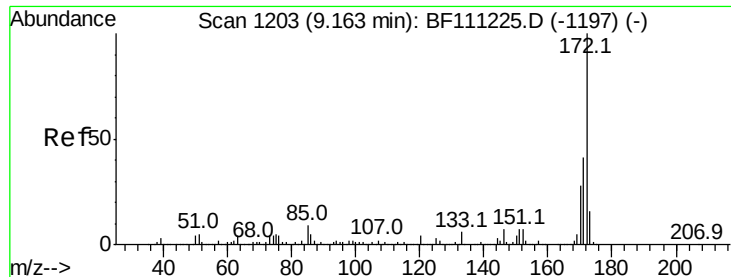
Tot Ion:164 Resp: 383335
 Ion Ratio Lower Upper
 164 100
 162 101.8 81.4 122.0
 160 44.6 35.7 53.5



#42
 2,4,6-Tribromophenol
 Concen: 41.783 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111290.D
 Acq: 11 Dec 2018 21:46

Tgt Ion:330 Resp: 141878
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.0 114.0
 141 41.3 31.0 46.6

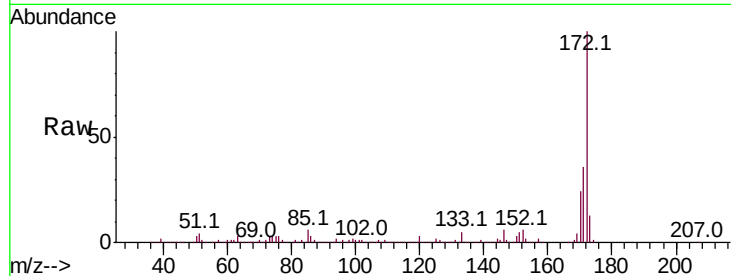




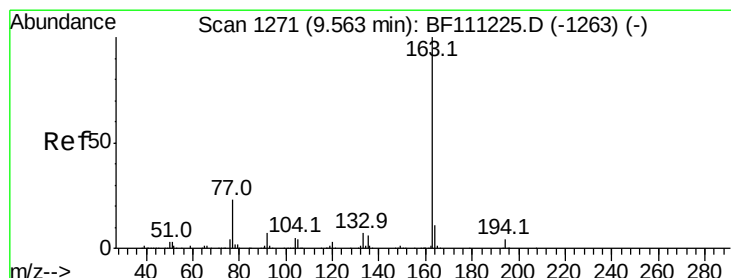
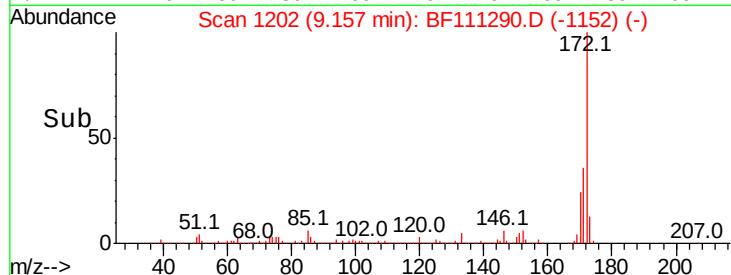
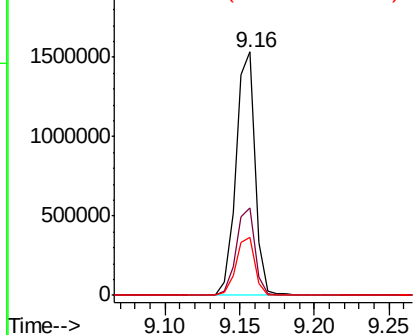
#45
2-Fluorobiphenyl
Concen: 56.660 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF111290.D
Acq: 11 Dec 2018 21:46

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-4-DISSOLVED

Tot Ion:172 Resp: 1387714
Ion Ratio Lower Upper
172 100
171 35.7 33.0 49.4
170 23.7 22.3 33.5

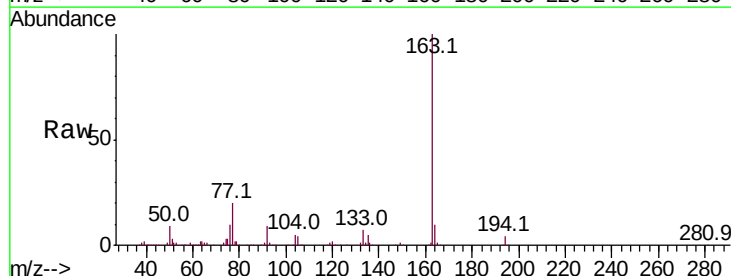


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

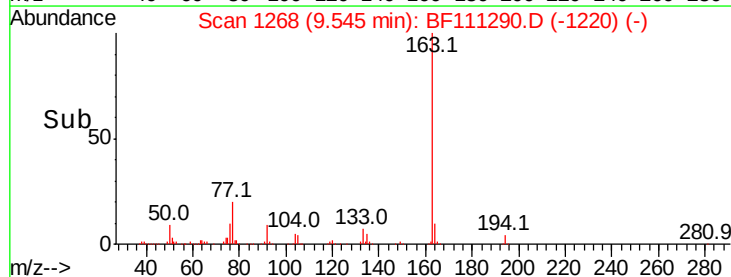
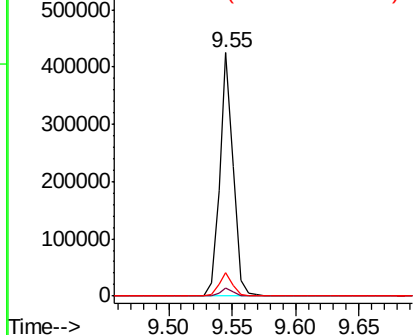


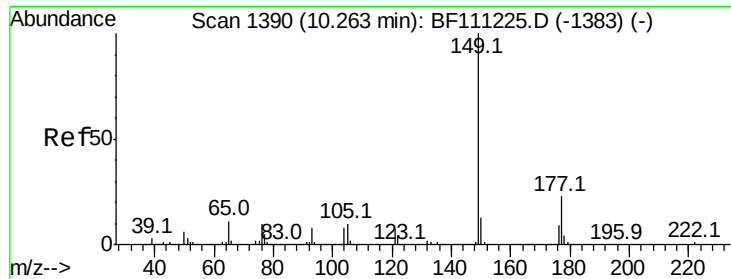
#50
Dimethylphthalate
Concen: 11.220 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111290.D
Acq: 11 Dec 2018 21:46

Tgt Ion:163 Resp: 317347
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 9.5 8.9 13.3



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

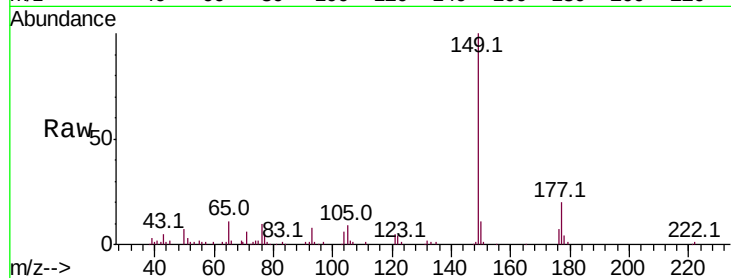




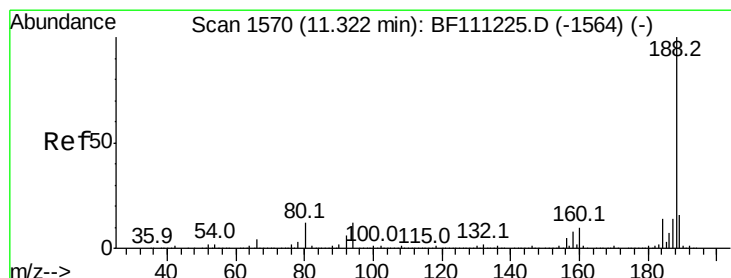
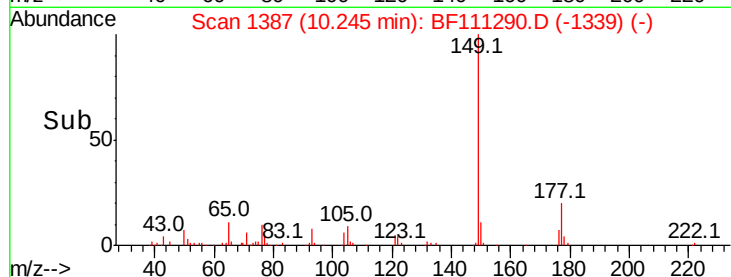
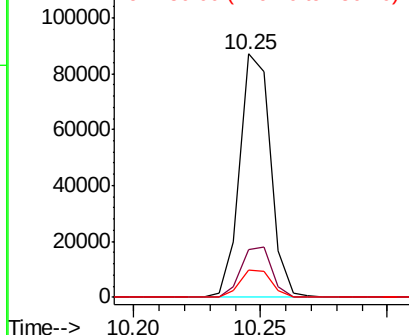
#60
Diethylphthalate
Concen: 2.720 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BF111290.D
Acq: 11 Dec 2018 21:46

Instrument :
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COMPOSITE-4-DISSOLVED

Tot Ion:149 Resp: 73347
Ion Ratio Lower Upper
149 100
177 19.5 18.3 27.5
150 11.2 10.6 15.8

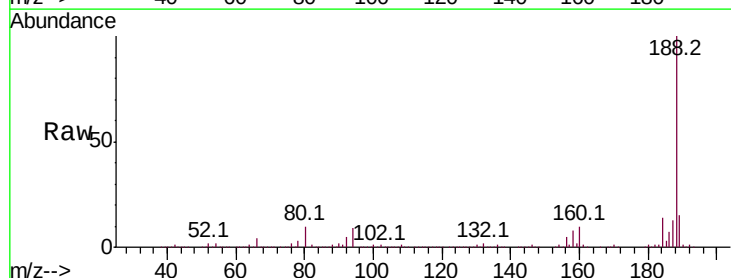


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

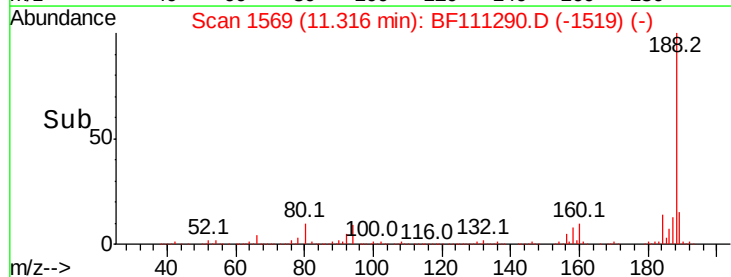
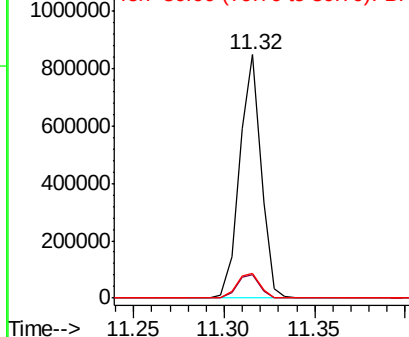


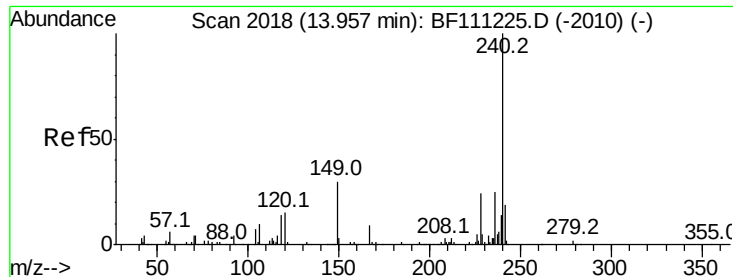
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF111290.D
Acq: 11 Dec 2018 21:46

Tgt Ion:188 Resp: 699178
Ion Ratio Lower Upper
188 100
94 9.4 9.6 14.4#
80 10.3 9.8 14.6



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

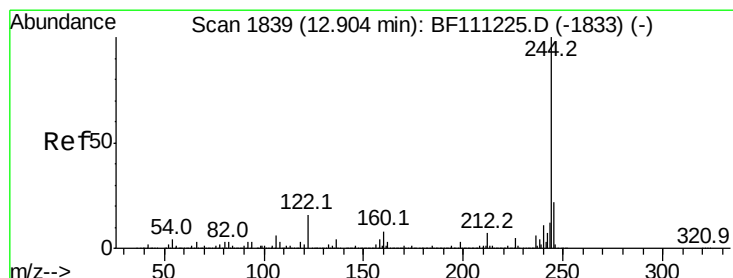
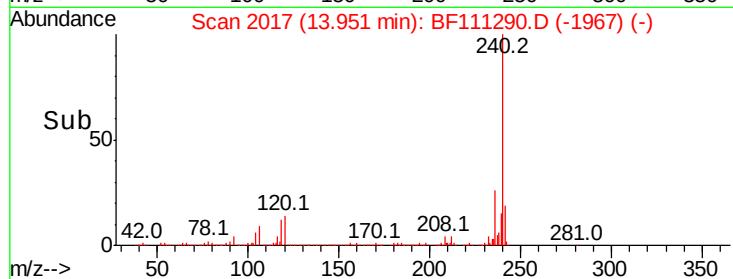
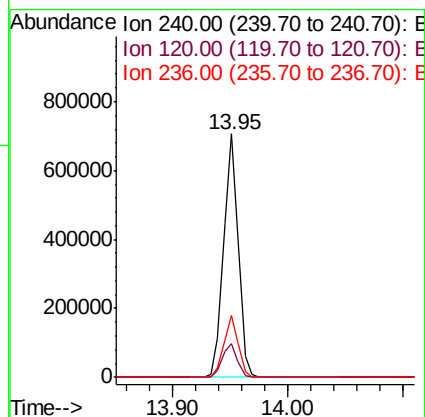
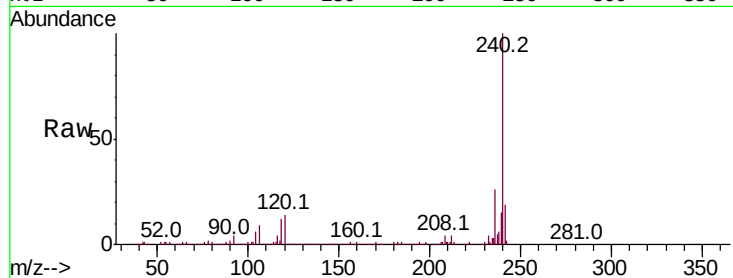




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF111290.D
 Acq: 11 Dec 2018 21:46

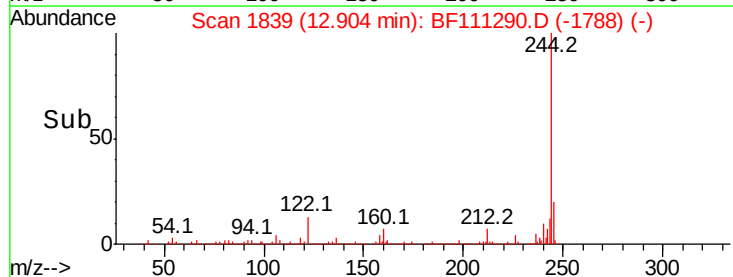
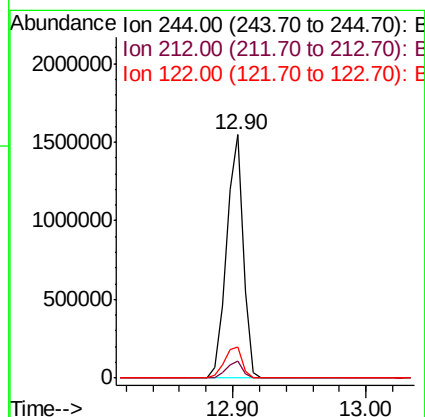
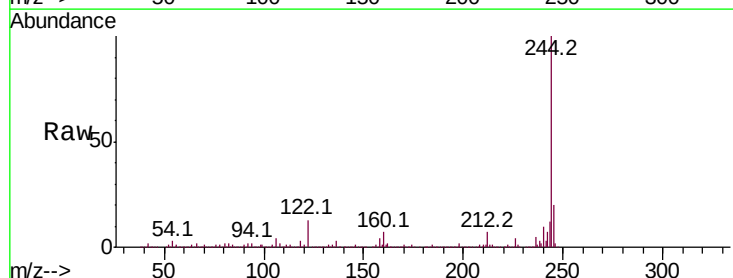
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 COMPOSITE-4-DISSOLVED

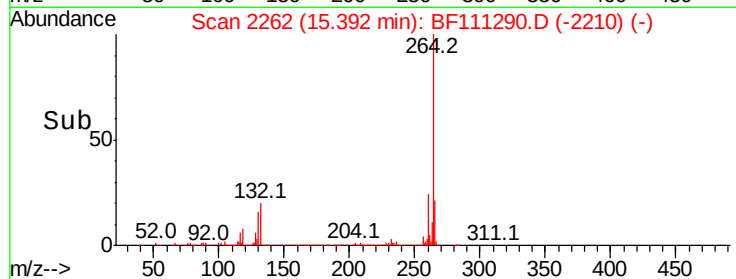
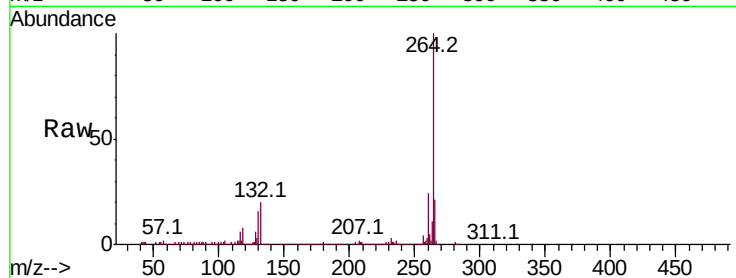
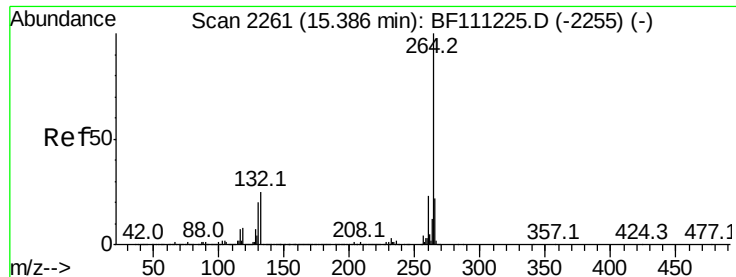
Tot Ion:240 Resp: 621519
 Ion Ratio Lower Upper
 240 100
 120 13.7 12.2 18.2
 236 25.6 20.2 30.2



#79
 Terphenyl-d14
 Concen: 52.663 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BF111290.D
 Acq: 11 Dec 2018 21:46

Tgt Ion:244 Resp: 1364580
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 13.0 13.1 19.7#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111290.D
Acq: 11 Dec 2018 21:46

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-4-DISSOLVED

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	21.5	17.7	26.5

