

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
 Data File : BF111285.D
 Acq On : 11 Dec 2018 19:02
 Operator : JU/SJ
 Sample : J6157-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-2-TOTAL

Quant Time: Dec 12 00:26:19 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

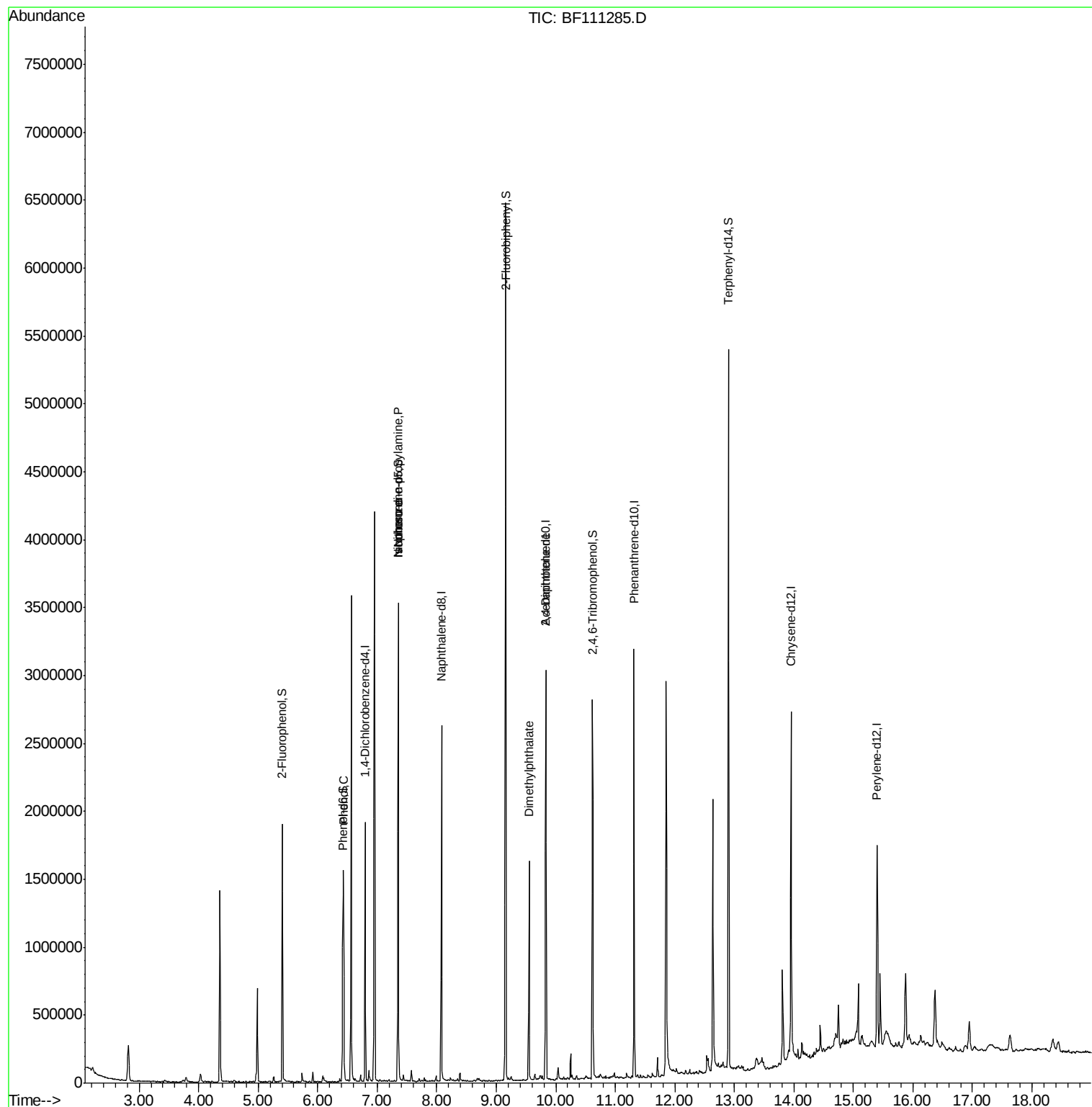
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	284221	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1184970	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	550420	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1020803	20.00	ng	0.00
76) Chrysene-d12	13.96	240	872045	20.00	ng	0.00
87) Perylene-d12	15.40	264	670142	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	493074	27.39	ng	0.00
7) Phenol-d6	6.42	99	398737	17.83	ng	-0.01
23) Nitrobenzene-d5	7.35	82	1066818	50.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	282528	57.95	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1820617	50.48	ng	0.00
79) Terphenyl-d14	12.90	244	1655999	45.55	ng	0.00
Target Compounds						
9) Benzaldehyde	6.34	77	941	Below Cal		Qvalue 87
10) Phenol	6.43	94	394076	15.067 ng		93
19) n-Nitroso-di-n-propylamine	7.35	70	141062	9.414 ng	#	80
25) Isophorone	7.35	82	1051668	29.227 ng	#	64
46) 1,1'-Biphenyl	9.26	154	4022	Below Cal		95
50) Dimethylphthalate	9.55	163	663955	16.348 ng		97
57) 2,4-Dinitrotoluene	9.83	165	71462	6.463 ng	#	25

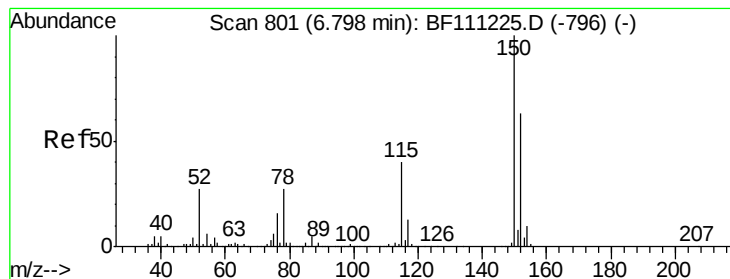
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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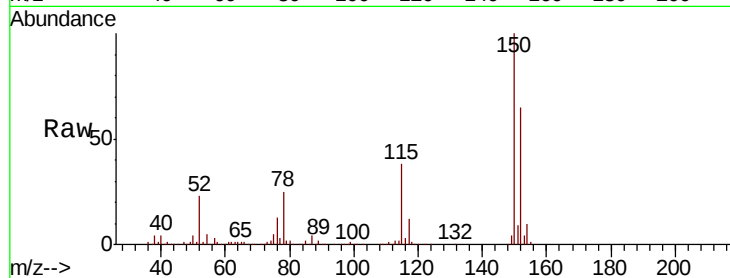


#1

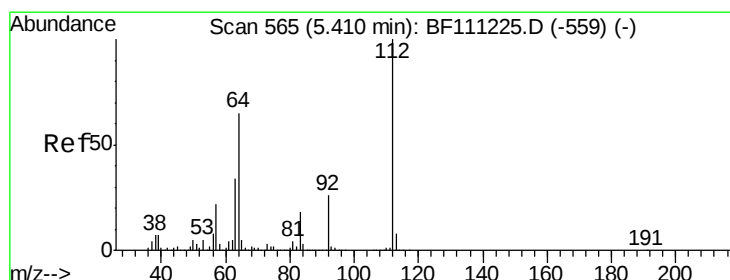
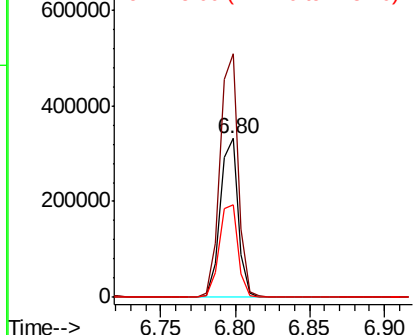
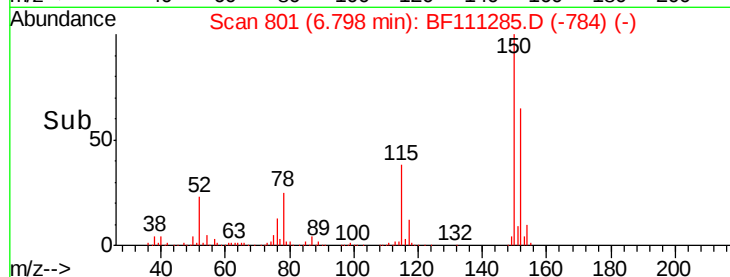
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111285.D
Acq: 11 Dec 2018 19:02

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-2-TOTAL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.6	189.8
115	57.9	50.7	76.1



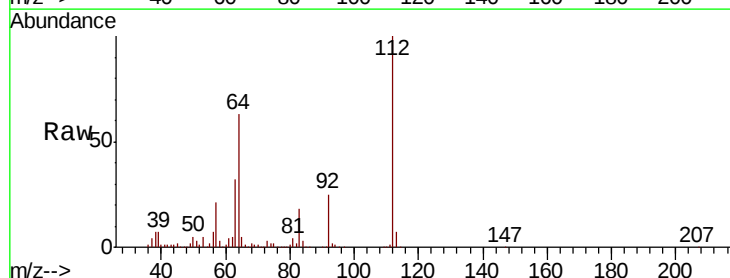
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



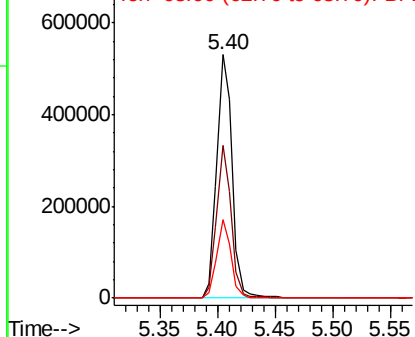
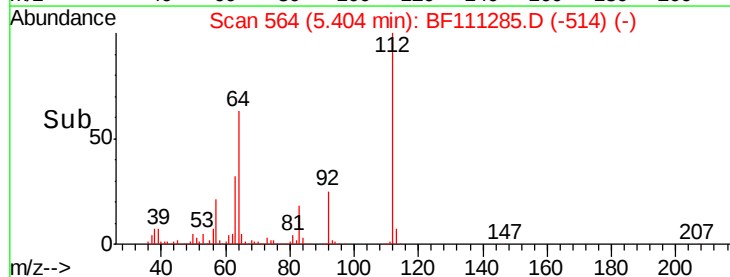
#5

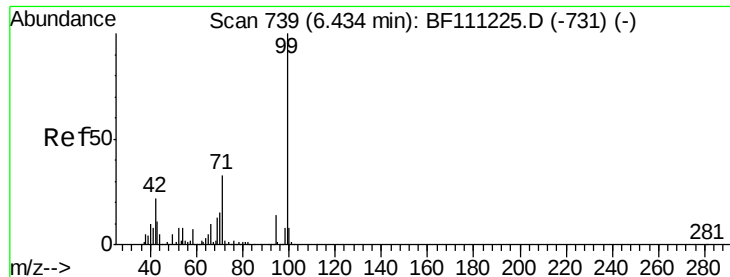
2-Fluorophenol
Concen: 27.394 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF111285.D
Acq: 11 Dec 2018 19:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	51.8	77.6
63	32.0	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: 17.826 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111285.D

Acq: 11 Dec 2018 19:02

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-2-TOTAL

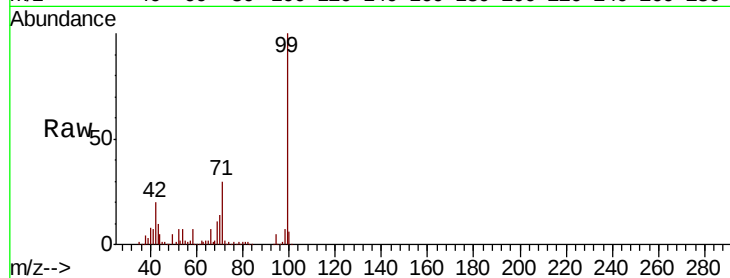
Tgt Ion: 99 Resp: 398737

Ion Ratio Lower Upper

99 100

42 19.7 17.4 26.0

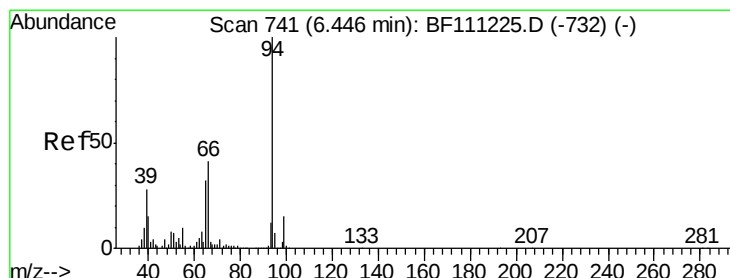
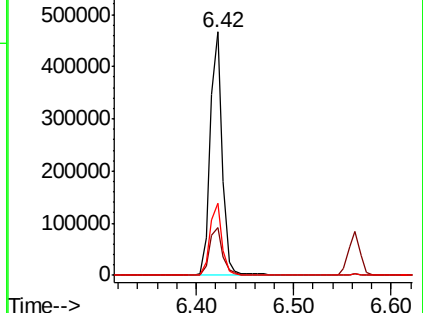
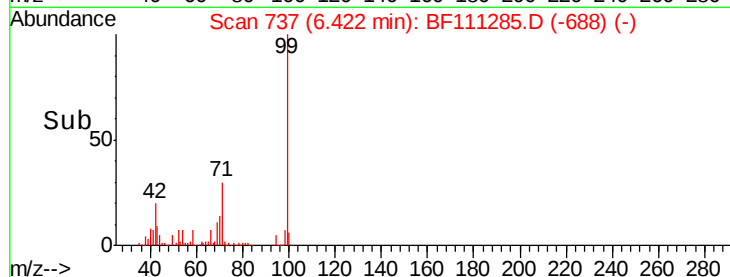
71 29.9 26.1 39.1



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: 15.067 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111285.D

Acq: 11 Dec 2018 19:02

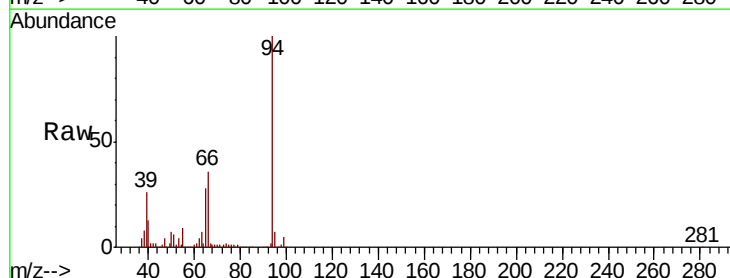
Tgt Ion: 94 Resp: 394076

Ion Ratio Lower Upper

94 100

65 28.4 11.7 51.7

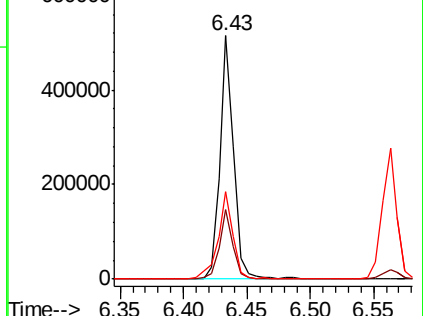
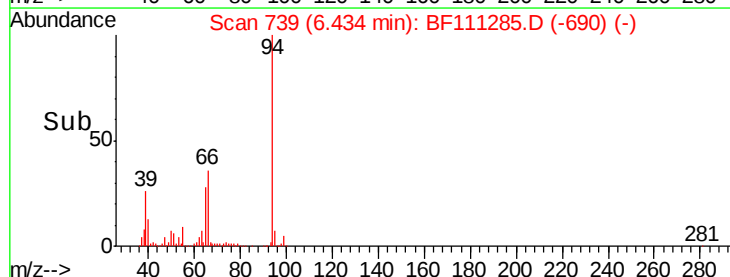
66 36.0 21.0 61.0

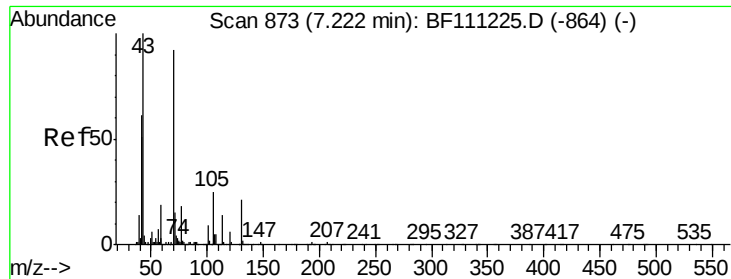


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

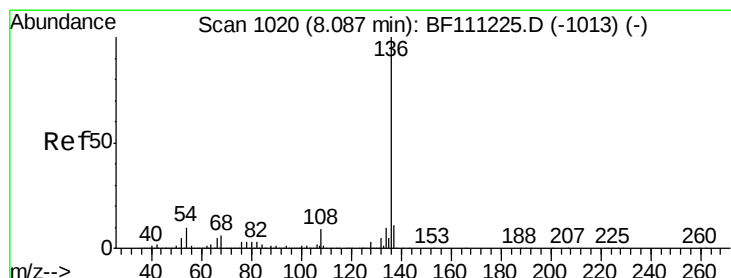
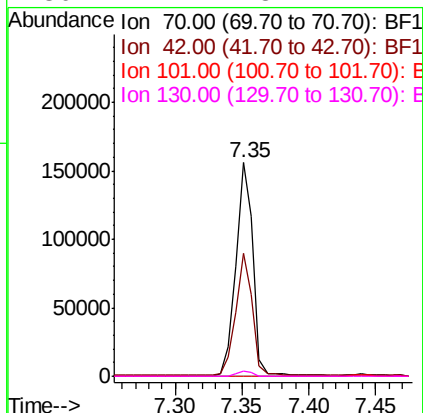
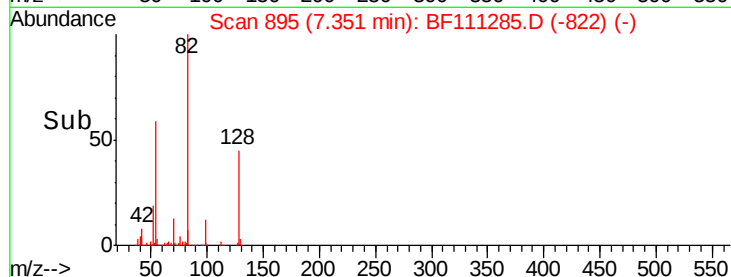
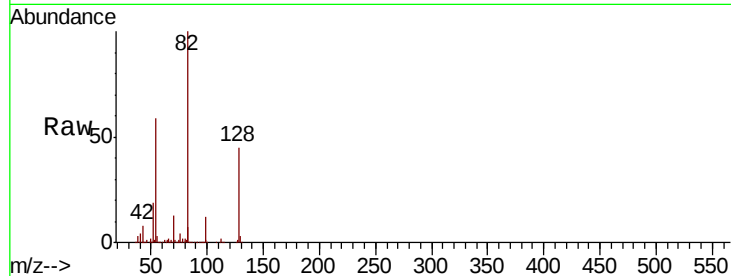




#19
n-Nitroso-di-n-propylamine
Concen: 9.414 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.13 min
Lab File: BF111285.D
Acq: 11 Dec 2018 19:02

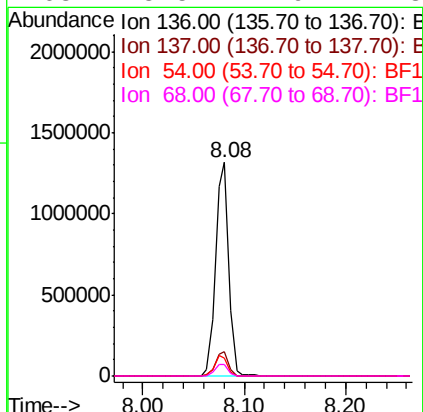
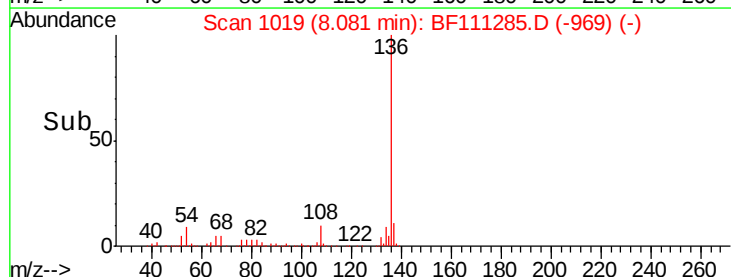
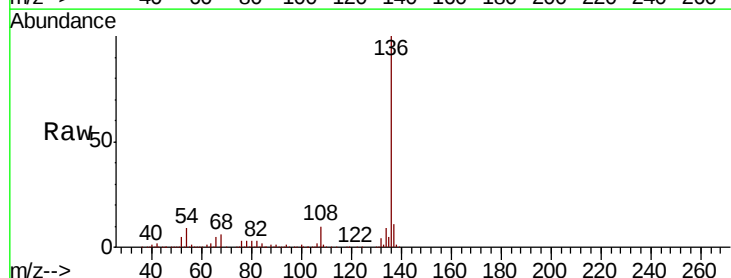
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-2-TOTAL

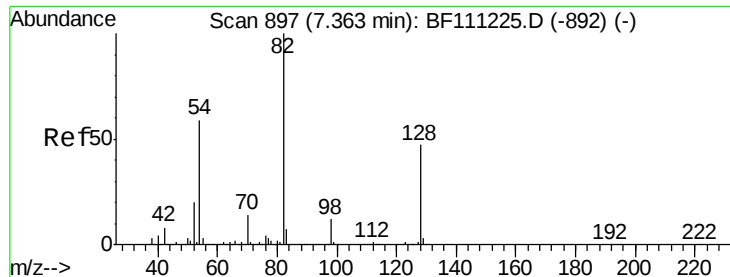
Tgt Ion: 70 Resp: 141062
Ion Ratio Lower Upper
70 100
42 57.4 53.2 79.8
101 0.0 8.2 12.4#
130 2.2 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF111285.D
Acq: 11 Dec 2018 19:02

Tgt Ion: 136 Resp: 1184970
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 8.7 7.7 11.5
68 5.5 4.9 7.3

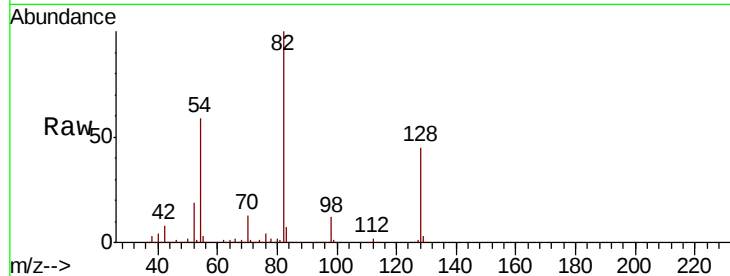




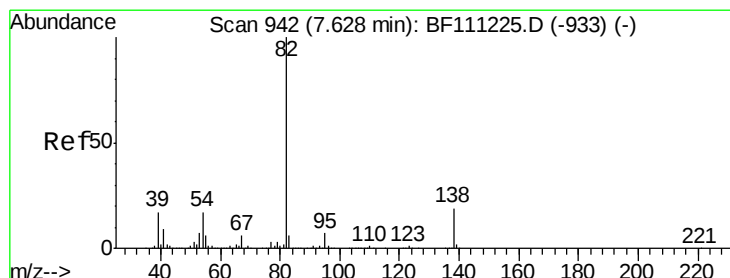
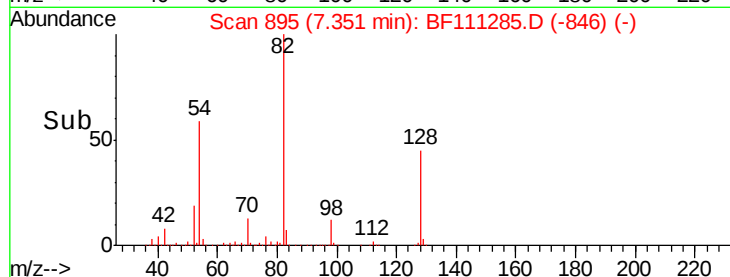
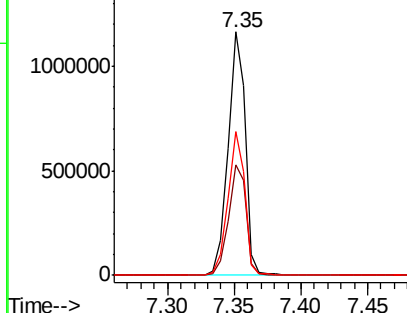
#23
Nitrobenzene-d5
Concen: 50.496 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111285.D
Acq: 11 Dec 2018 19:02

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-2-TOTAL

Tgt Ion: 82 Resp: 1066818
Ion Ratio Lower Upper
82 100
128 45.2 37.4 56.2
54 59.3 47.6 71.4

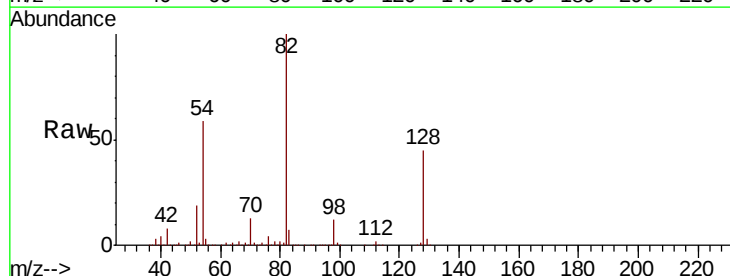


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

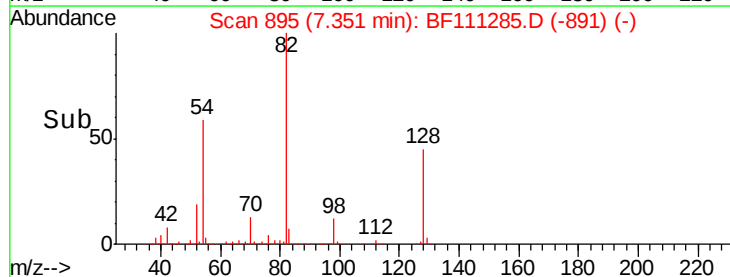
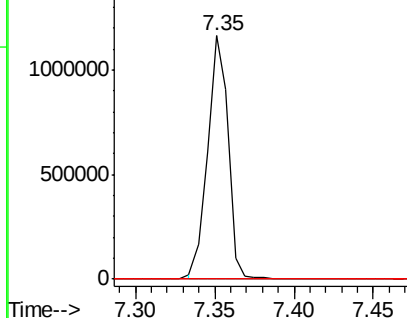


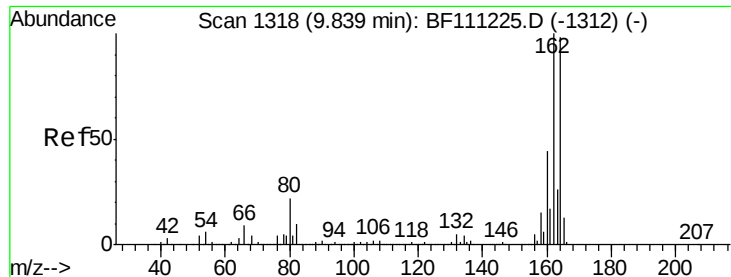
#25
Isophorone
Concen: 29.227 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.28 min
Lab File: BF111285.D
Acq: 11 Dec 2018 19:02

Tgt Ion: 82 Resp: 1051668
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

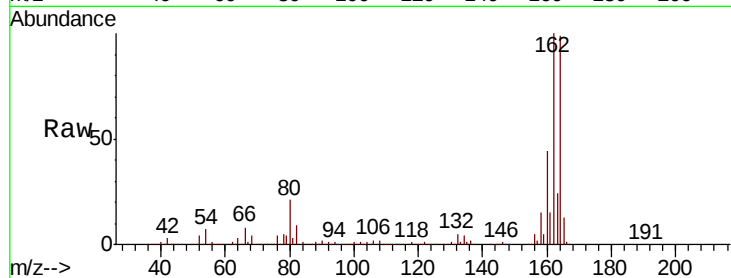




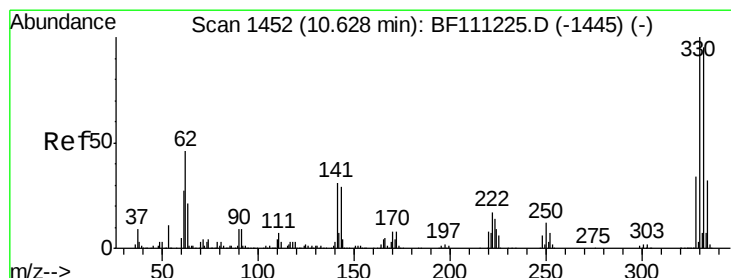
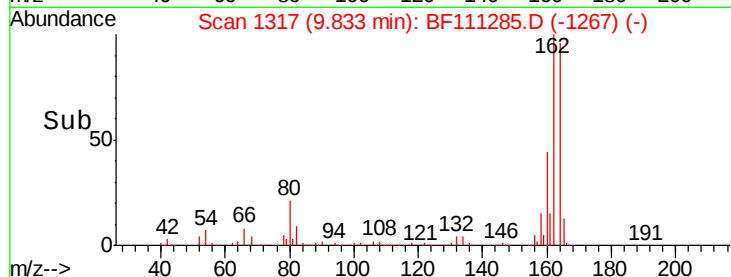
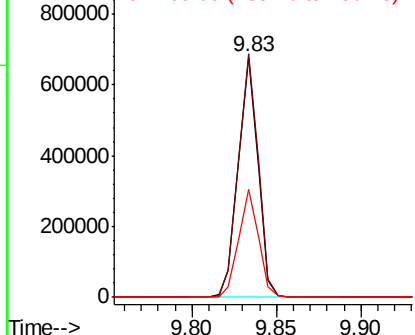
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111285.D
Acq: 11 Dec 2018 19:02

Instrument :
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ClientSampleId :
COMPOSITE-2-TOTAL

Tgt Ion:164 Resp: 550420
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.0
160 44.8 35.7 53.5

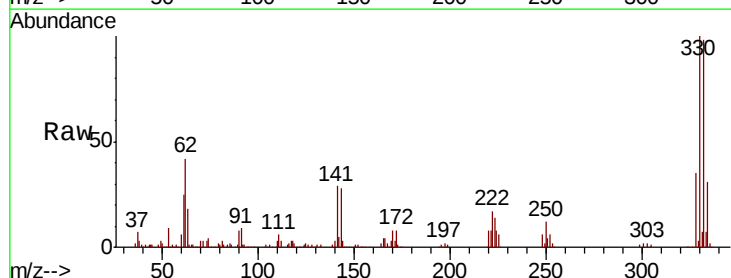


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

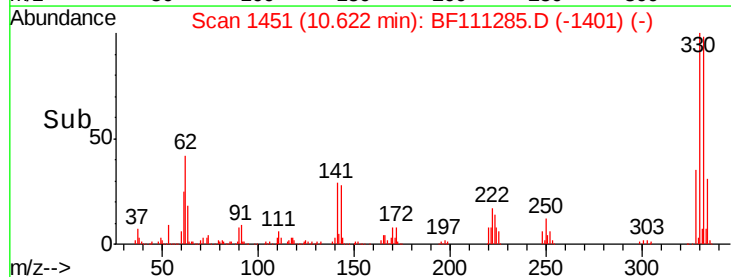
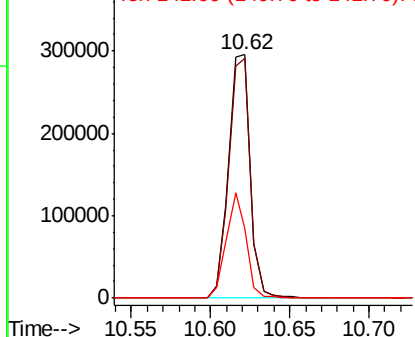


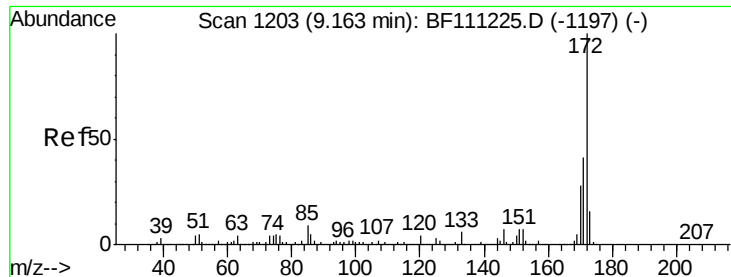
#42
2,4,6-Tribromophenol
Concen: 57.946 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111285.D
Acq: 11 Dec 2018 19:02

Tgt Ion:330 Resp: 282528
Ion Ratio Lower Upper
330 100
332 97.6 76.0 114.0
141 38.9 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

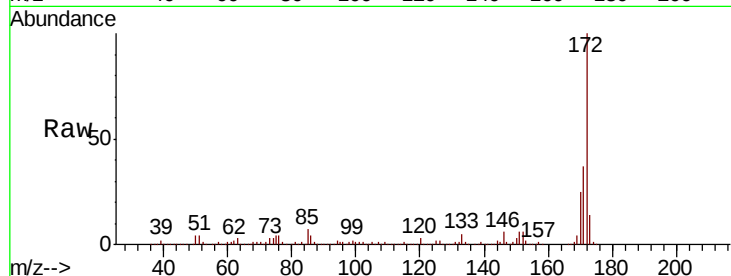




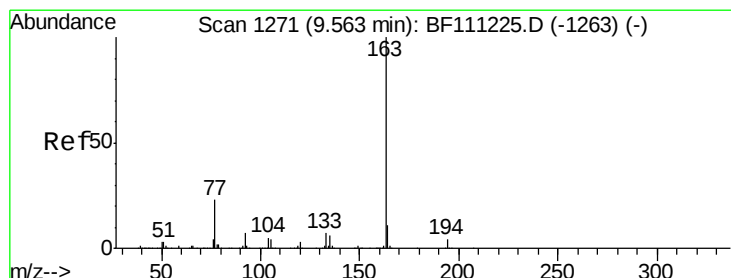
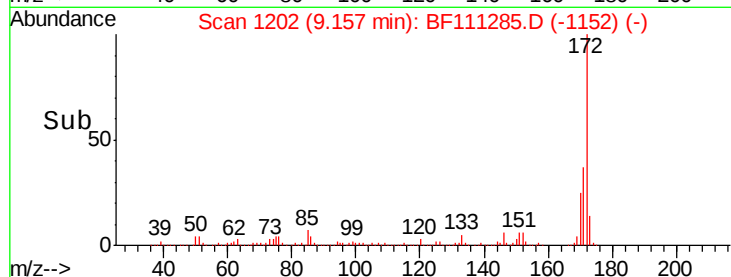
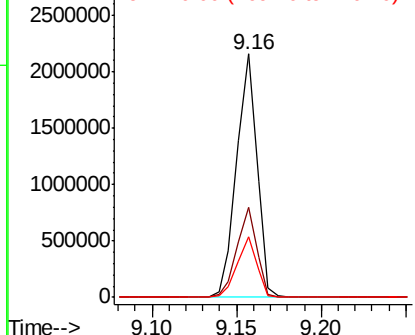
#45
2-Fluorobiphenyl
Concen: 50.482 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF111285.D
Acq: 11 Dec 2018 19:02

Instrument :
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ClientSampleId :
COMPOSITE-2-TOTAL

Tgt Ion:172 Resp: 1820617
Ion Ratio Lower Upper
172 100
171 37.0 33.0 49.4
170 25.0 22.3 33.5

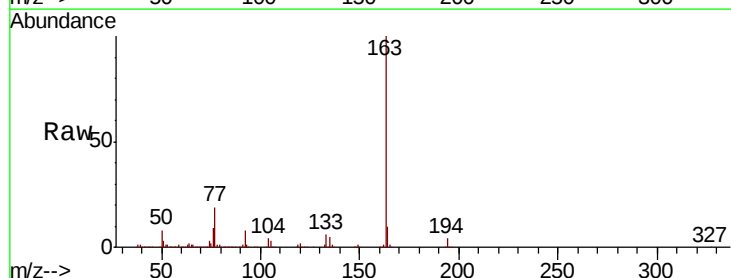


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

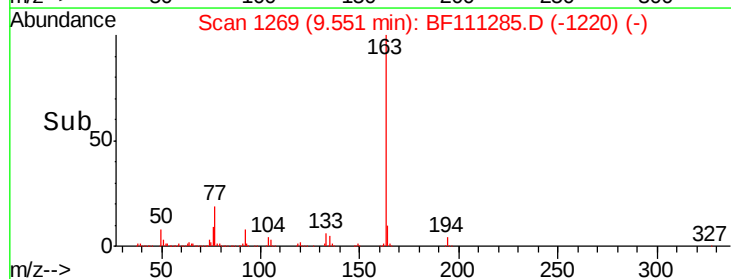
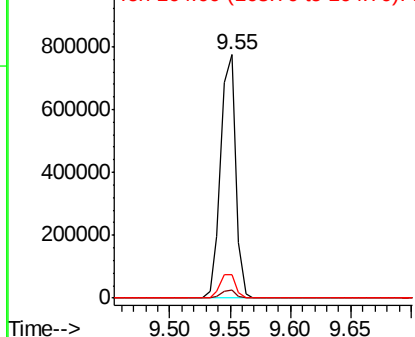


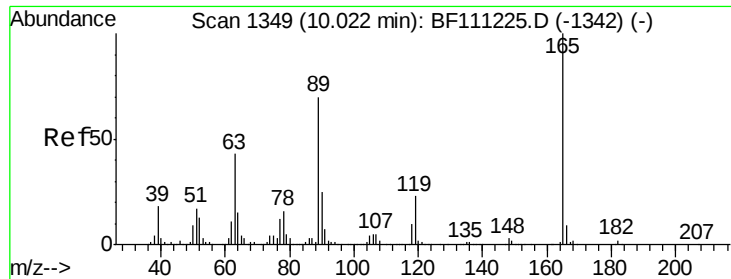
#50
Dimethylphthalate
Concen: 16.348 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111285.D
Acq: 11 Dec 2018 19:02

Tgt Ion:163 Resp: 663955
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 9.7 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

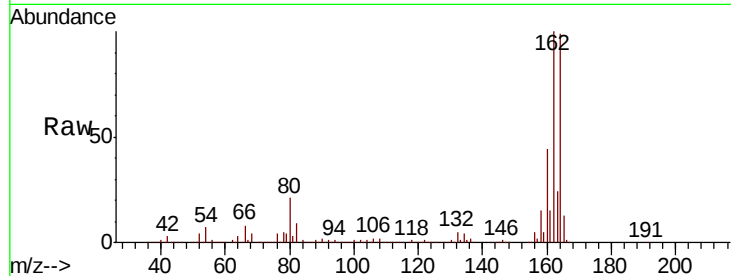




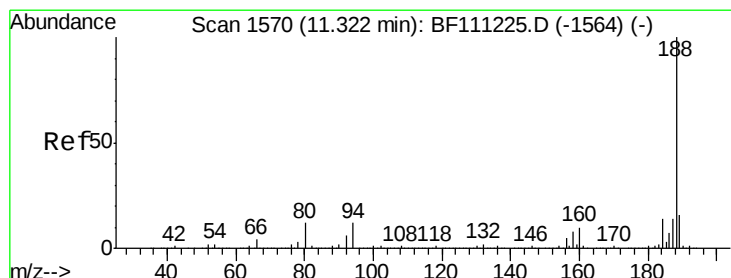
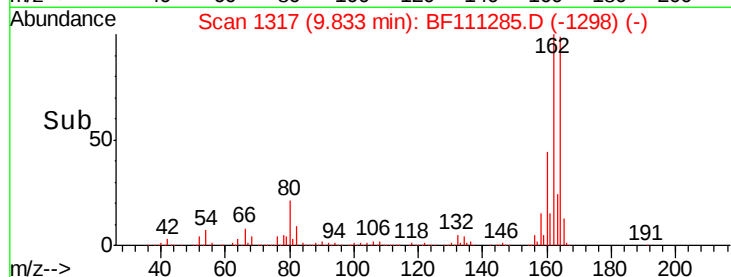
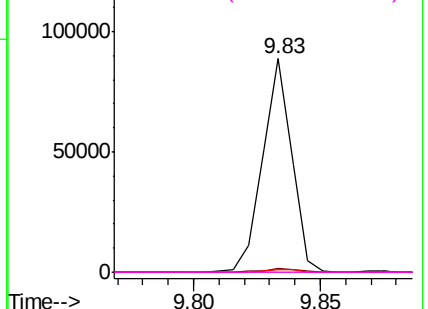
#57
 2,4-Dinitrotoluene
 Concen: 6.463 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.19 min
 Lab File: BF111285.D
 Acq: 11 Dec 2018 19:02

Instrument :
 BNA_F
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 COMPOSITE-2-TOTAL

Tgt Ion:	165	Resp:	71462
Ion Ratio	Lower	Upper	
165	100		
63	1.8	34.6	52.0#
89	1.3	56.2	84.4#
182	0.0	1.8	2.6#

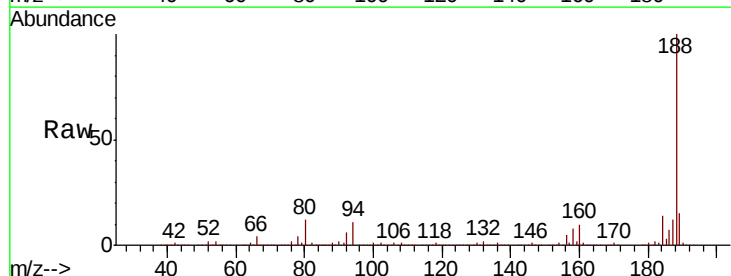


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

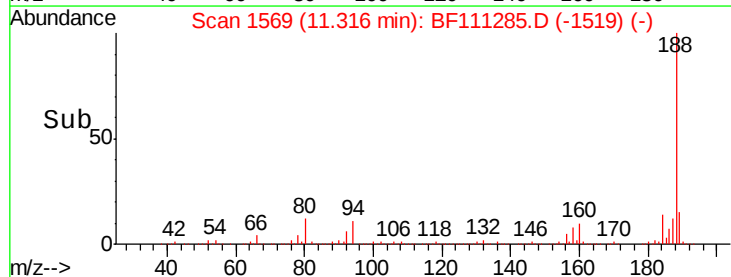
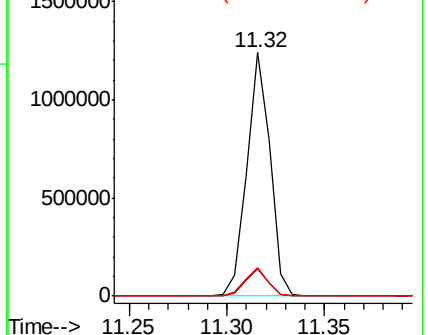


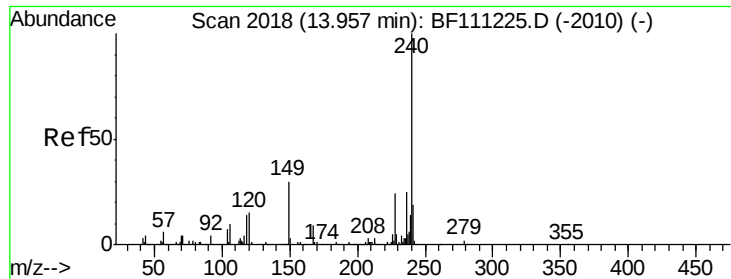
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF111285.D
 Acq: 11 Dec 2018 19:02

Tgt Ion:	188	Resp:	1020803
Ion Ratio	Lower	Upper	
188	100		
94	11.4	9.6	14.4
80	11.9	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: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF111285.D

Acq: 11 Dec 2018 19:02

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-2-TOTAL

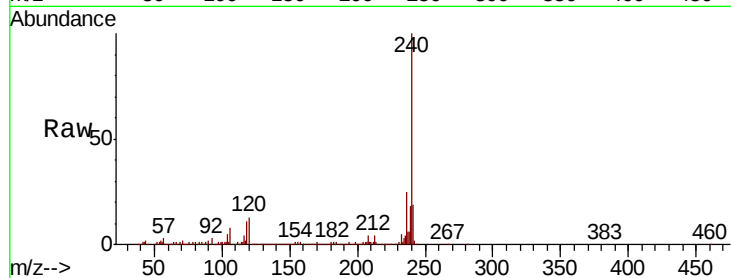
Tgt Ion:240 Resp: 872045

Ion Ratio Lower Upper

240 100

120 12.7 12.2 18.2

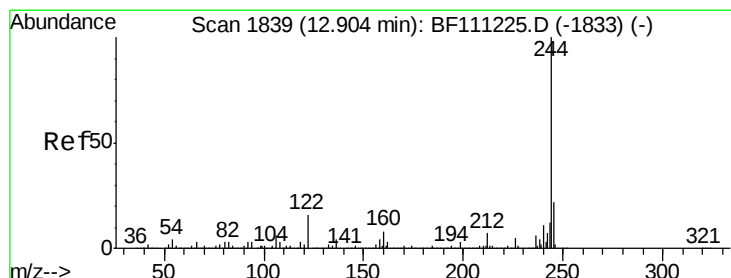
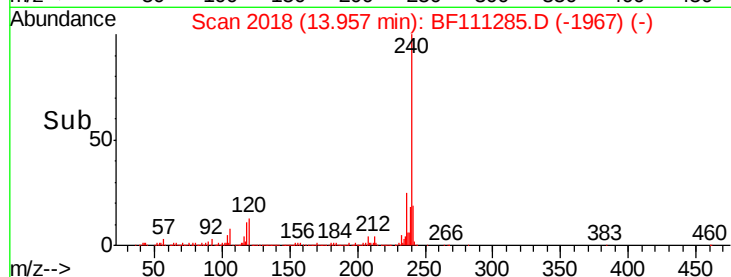
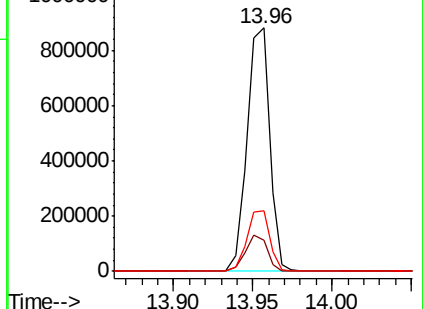
236 25.1 20.2 30.2



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: 45.550 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF111285.D

Acq: 11 Dec 2018 19:02

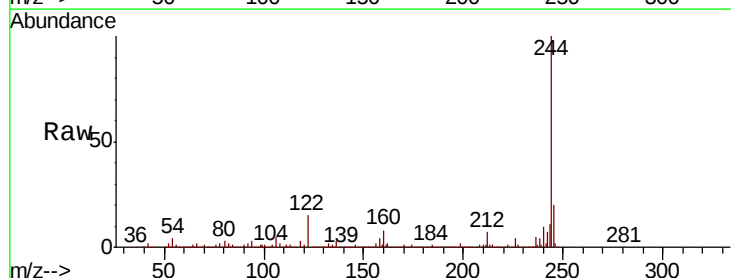
Tgt Ion:244 Resp: 1655999

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

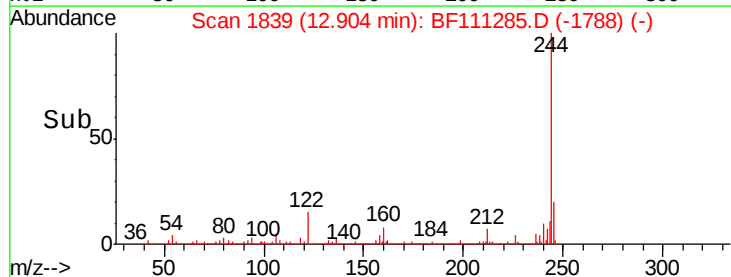
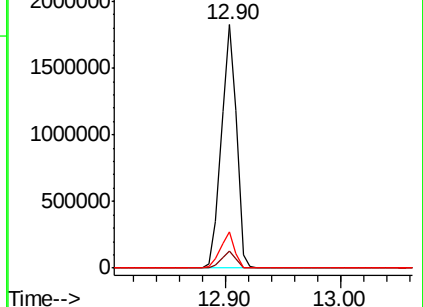
122 14.7 13.1 19.7

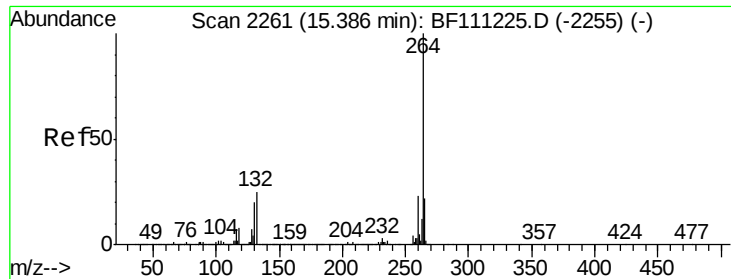


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.02 min
Lab File: BF111285.D
Acq: 11 Dec 2018 19:02

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-2-TOTAL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	21.7	17.7	26.5

