

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
 Data File : BF111291.D
 Acq On : 11 Dec 2018 22:18
 Operator : JU/SJ
 Sample : J6157-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-5-TOTAL

Quant Time: Dec 12 00:27:15 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

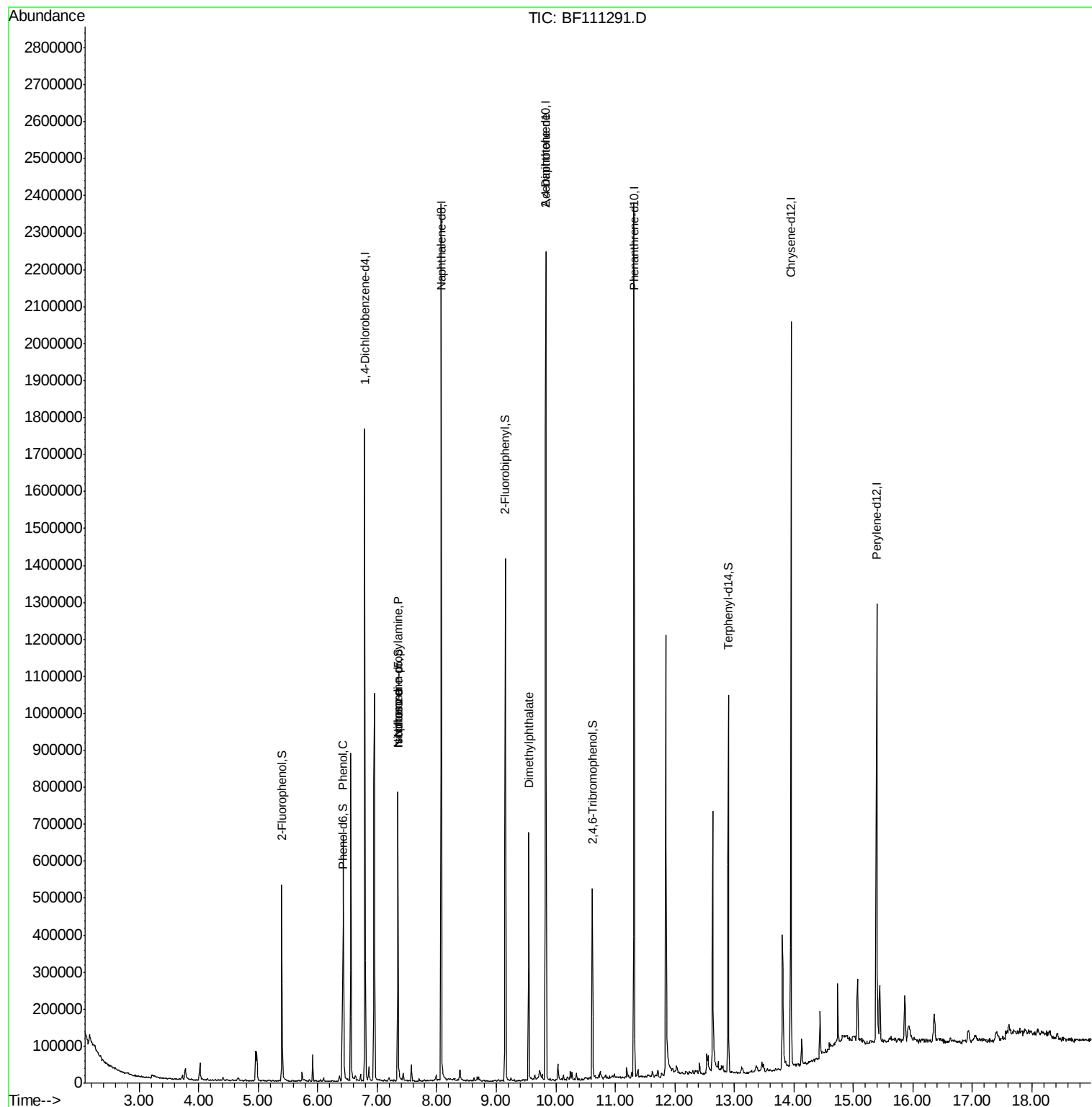
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	259001	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1054673	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	418678	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	770041	20.00	ng	0.00
76) Chrysene-d12	13.95	240	600083	20.00	ng	0.00
87) Perylene-d12	15.39	264	525103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	137144	8.36	ng	-0.01
7) Phenol-d6	6.42	99	128364	6.30	ng	-0.02
23) Nitrobenzene-d5	7.35	82	240114	12.77	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	56290	15.18	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	388476	9.74	ng	-0.01
79) Terphenyl-d14	12.90	244	300394	12.01	ng	0.00
Target Compounds						
9) Benzaldehyde	6.33	77	196	Below Cal	Qvalue	# 1
10) Phenol	6.43	94	183711	7.708 ng		93
19) n-Nitroso-di-n-propylamine	7.35	70	31243	2.288 ng	#	84
25) Isophorone	7.35	82	237010	7.400 ng	#	64
46) 1,1'-Biphenyl	9.25	154	645	Below Cal		79
50) Dimethylphthalate	9.55	163	224973	7.282 ng		98
57) 2,4-Dinitrotoluene	9.83	165	54782	6.514 ng	#	25

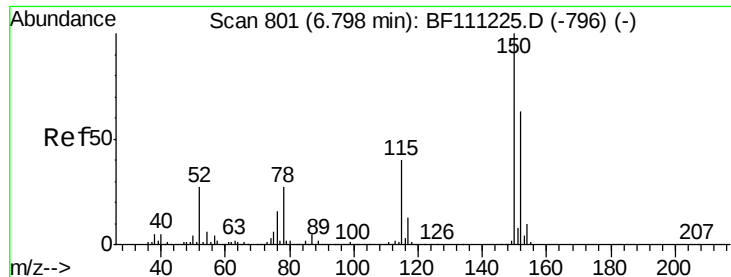
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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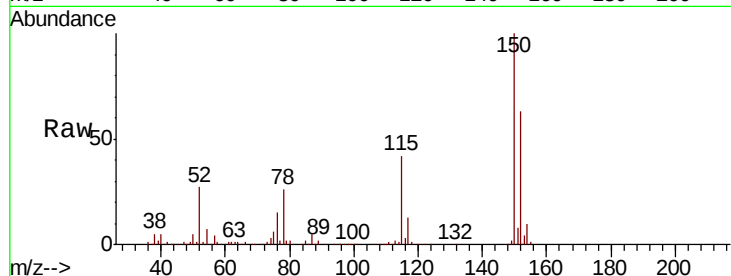


#1

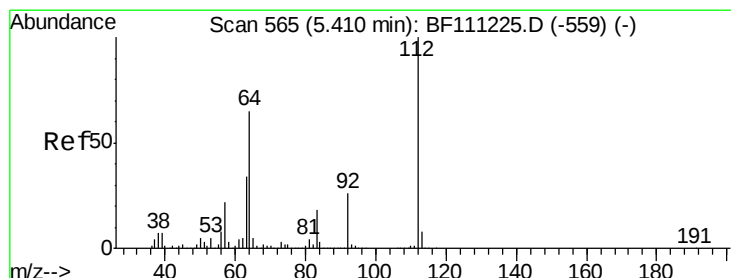
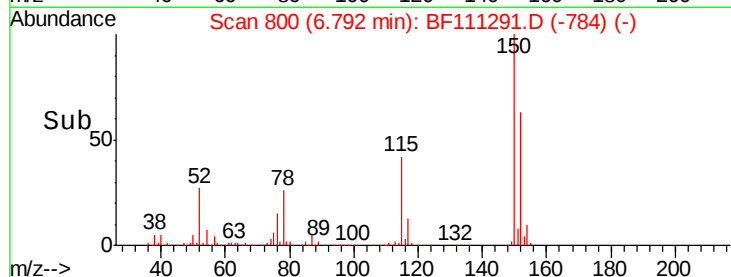
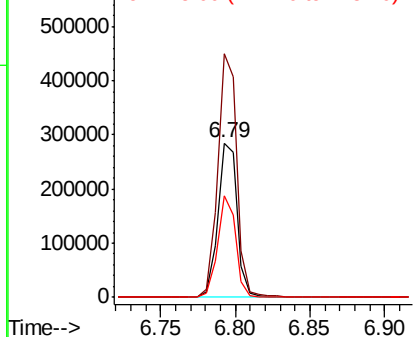
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF111291.D
Acq: 11 Dec 2018 22:18

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-5-TOTAL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.6	189.8
115	65.9	50.7	76.1



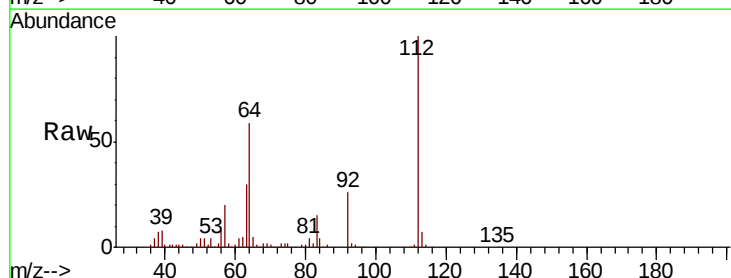
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



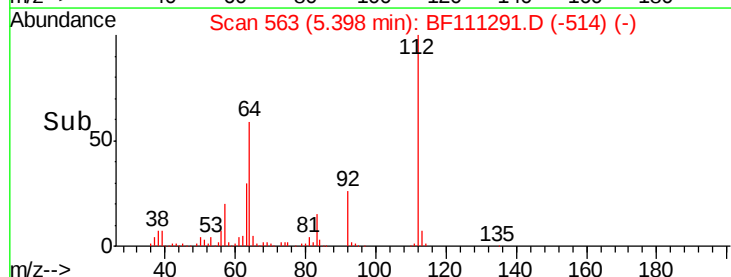
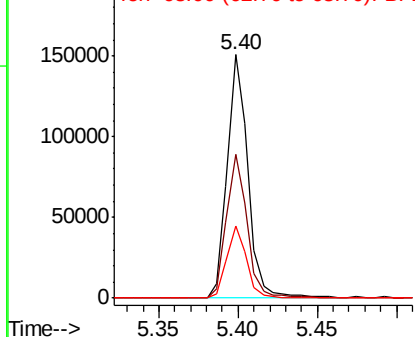
#5

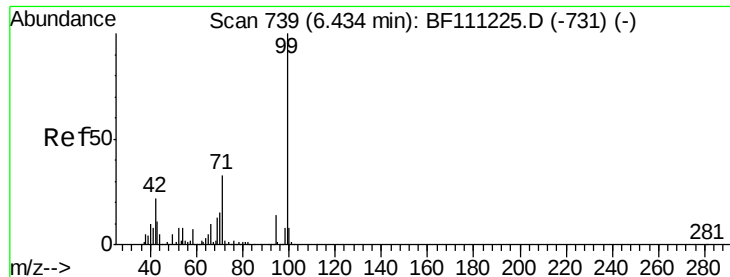
2-Fluorophenol
Concen: 8.361 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF111291.D
Acq: 11 Dec 2018 22:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	51.8	77.6
63	29.8	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: 6.297 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF111291.D

Acq: 11 Dec 2018 22:18

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-5-TOTAL

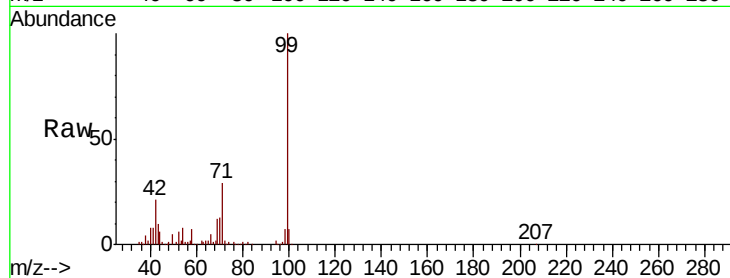
Tgt Ion: 99 Resp: 128364

Ion Ratio Lower Upper

99 100

42 20.5 17.4 26.0

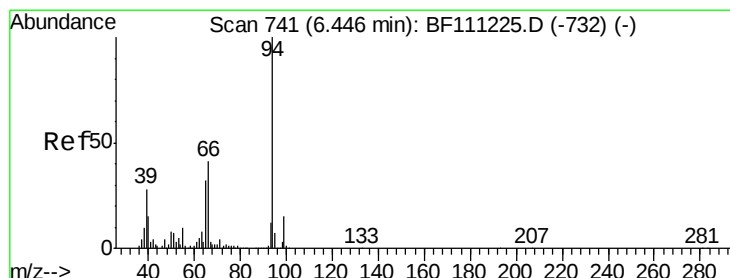
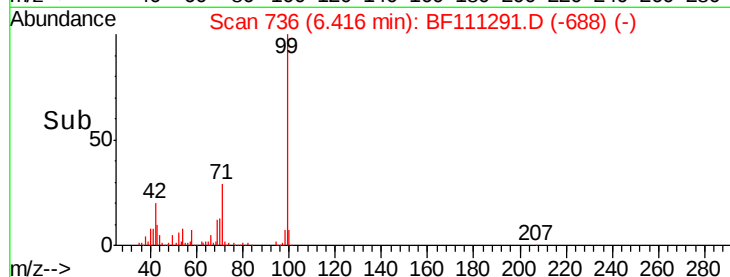
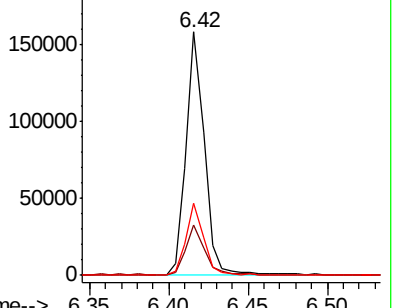
71 29.5 26.1 39.1



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: 7.708 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF111291.D

Acq: 11 Dec 2018 22:18

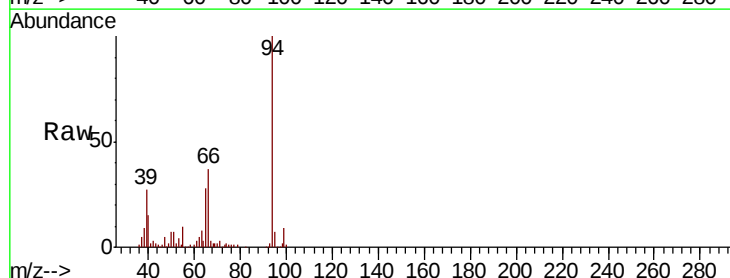
Tgt Ion: 94 Resp: 183711

Ion Ratio Lower Upper

94 100

65 28.1 11.7 51.7

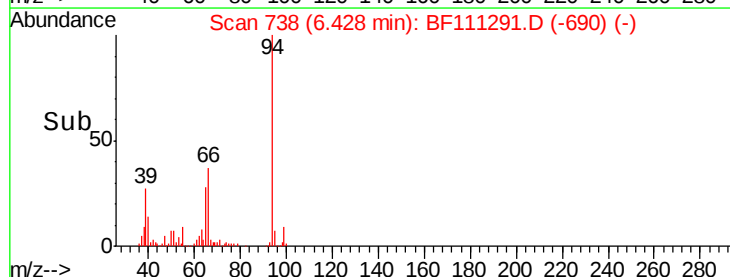
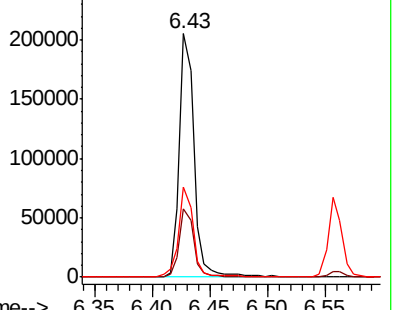
66 36.8 21.0 61.0

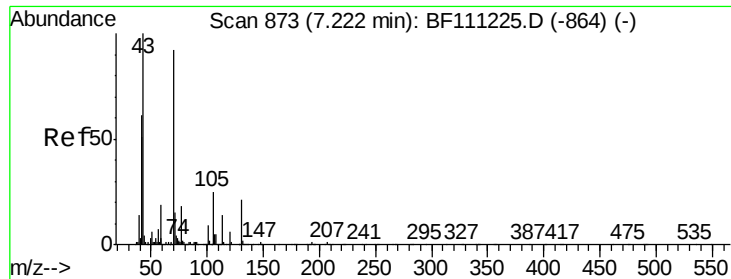


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

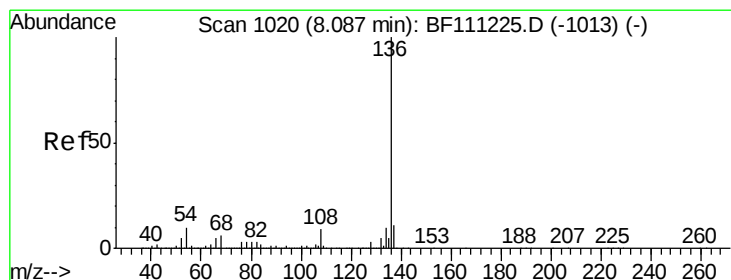
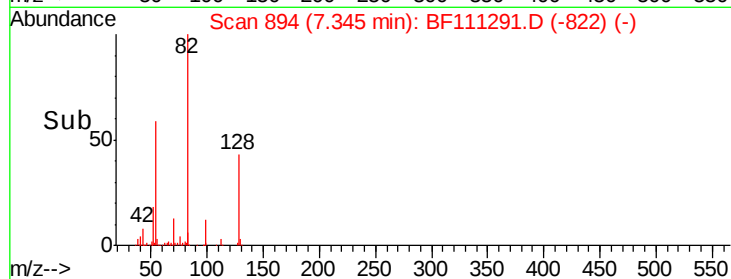
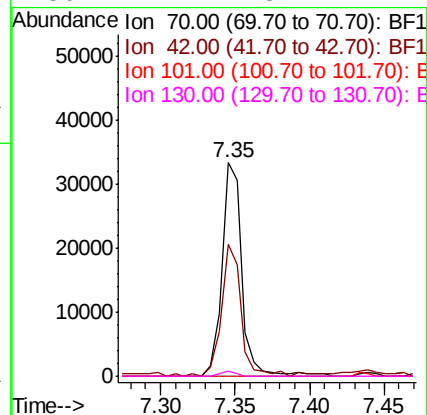
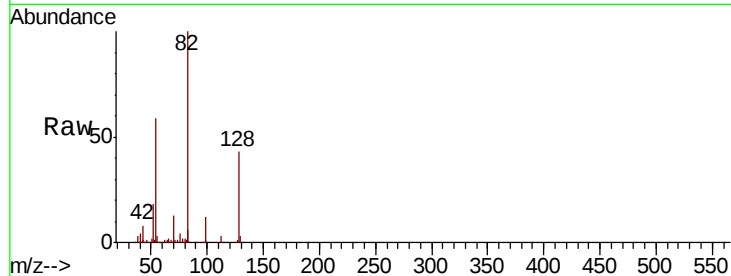




#19
n-Nitroso-di-n-propylamine
Concen: 2.288 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.12 min
Lab File: BF111291.D
Acq: 11 Dec 2018 22:18

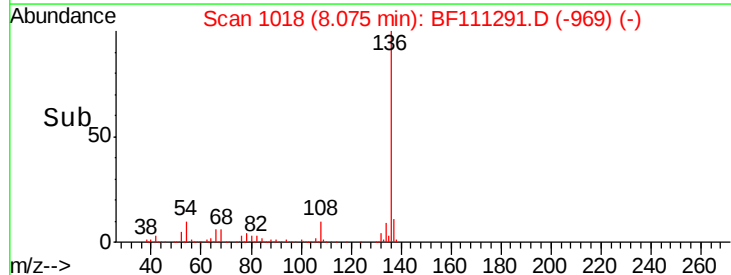
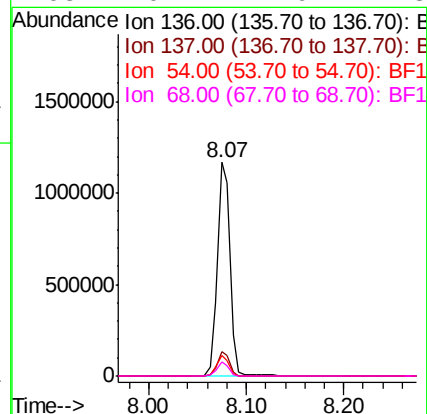
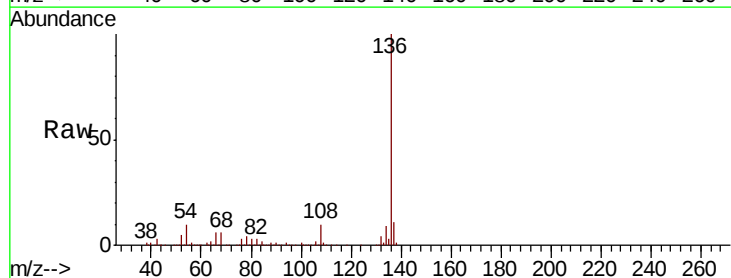
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-5-TOTAL

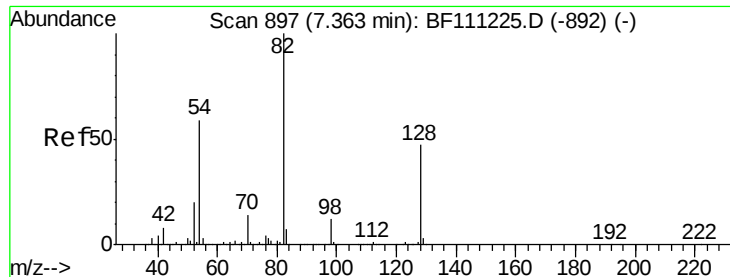
Tgt Ion: 70 Resp: 31243
Ion Ratio Lower Upper
70 100
42 61.8 53.2 79.8
101 0.0 8.2 12.4#
130 2.4 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111291.D
Acq: 11 Dec 2018 22:18

Tgt Ion: 136 Resp: 1054673
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 9.7 7.7 11.5
68 6.4 4.9 7.3

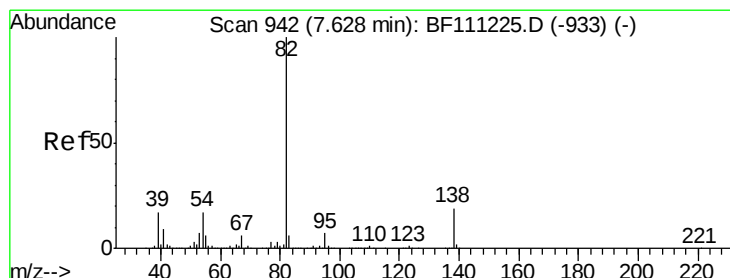
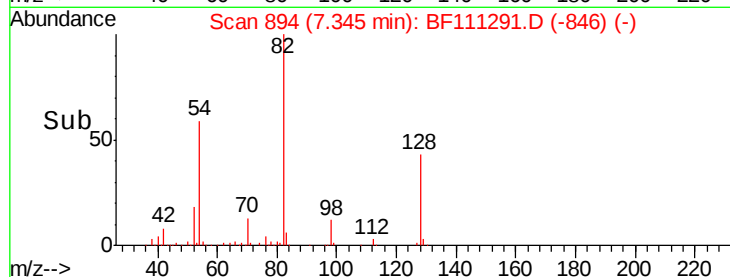
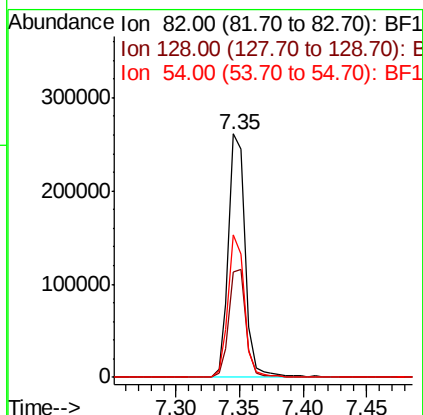
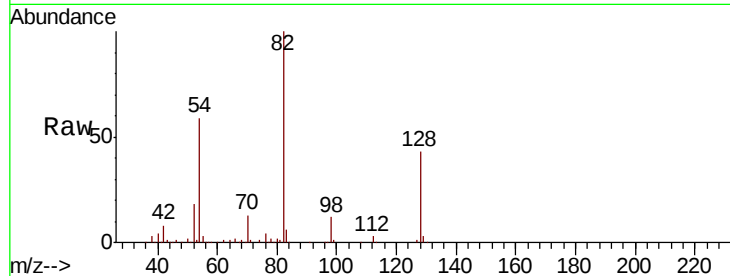




#23
Nitrobenzene-d5
Concen: 12.770 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF111291.D
Acq: 11 Dec 2018 22:18

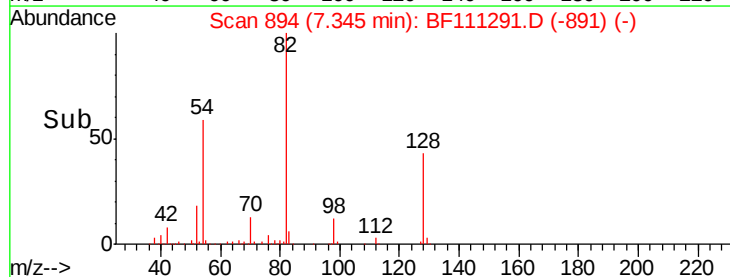
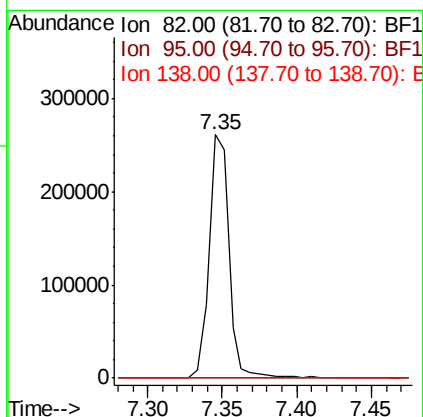
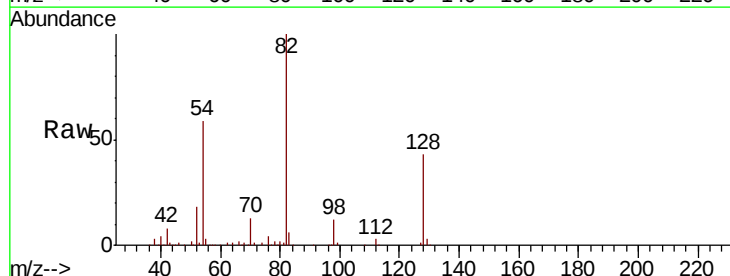
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-5-TOTAL

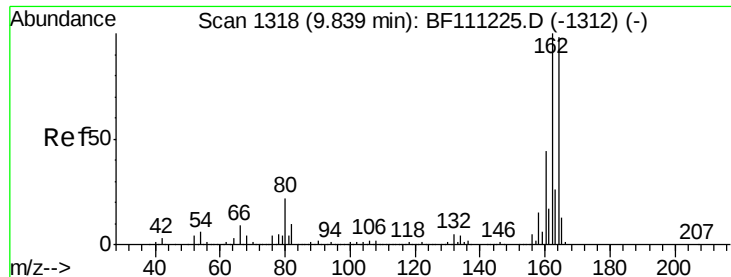
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.0	37.4	56.2
54	58.6	47.6	71.4



#25
Isophorone
Concen: 7.400 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.28 min
Lab File: BF111291.D
Acq: 11 Dec 2018 22:18

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

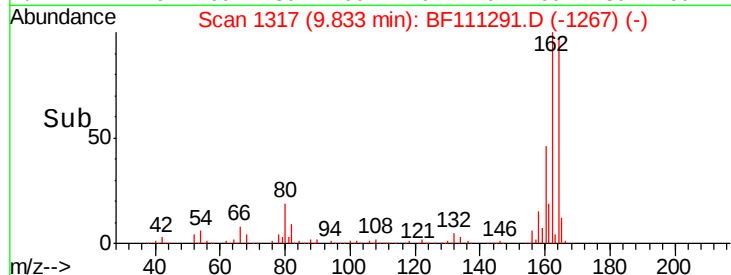
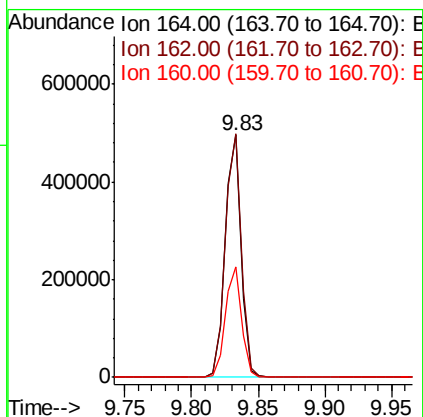
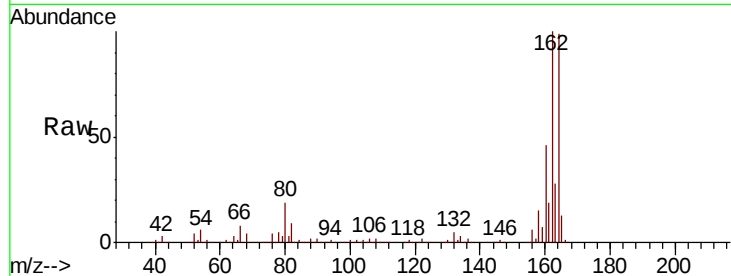




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111291.D
Acq: 11 Dec 2018 22:18

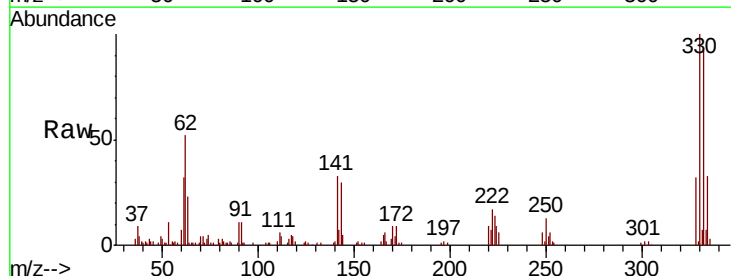
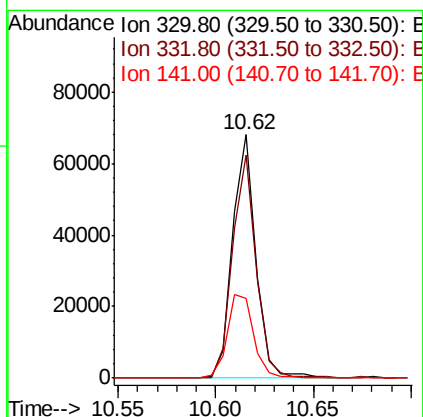
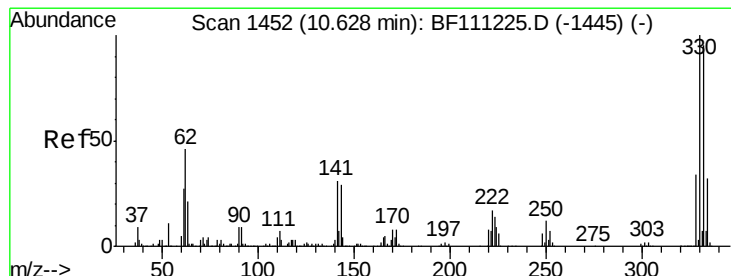
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-5-TOTAL

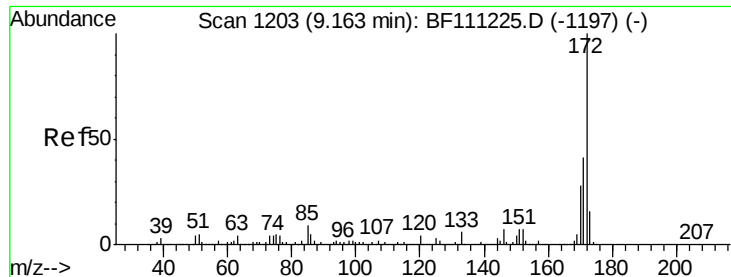
Tgt Ion:164 Resp: 418678
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 46.0 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 15.178 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111291.D
Acq: 11 Dec 2018 22:18

Tgt Ion:330 Resp: 56290
Ion Ratio Lower Upper
330 100
332 93.0 76.0 114.0
141 38.9 31.0 46.6

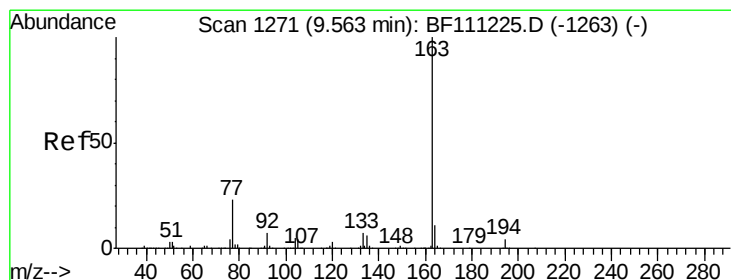
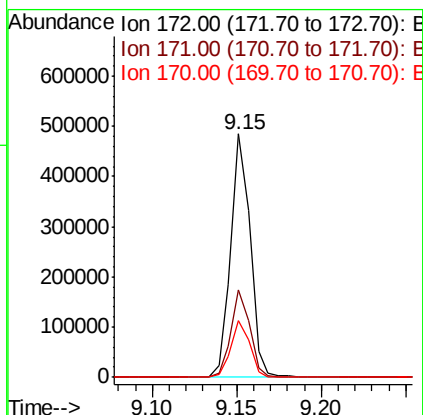
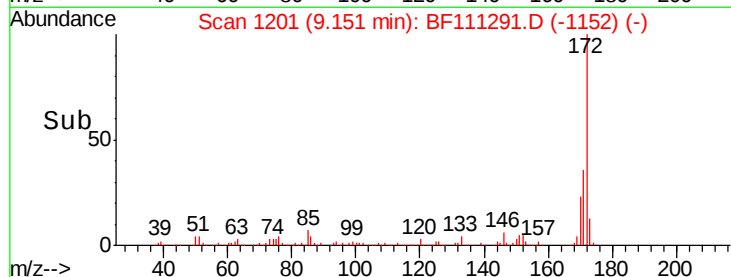
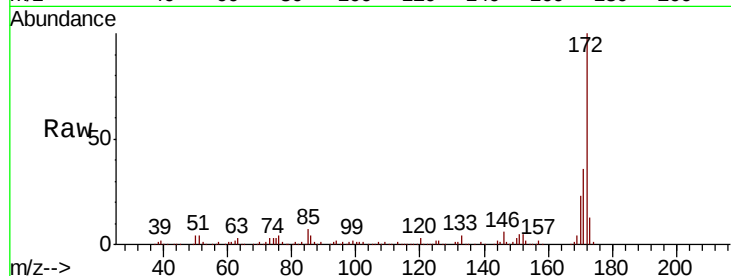




#45
2-Fluorobiphenyl
Concen: 9.744 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111291.D
Acq: 11 Dec 2018 22:18

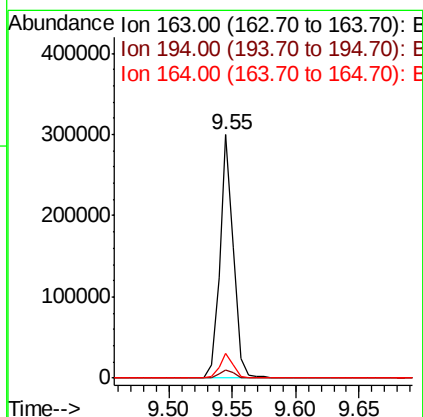
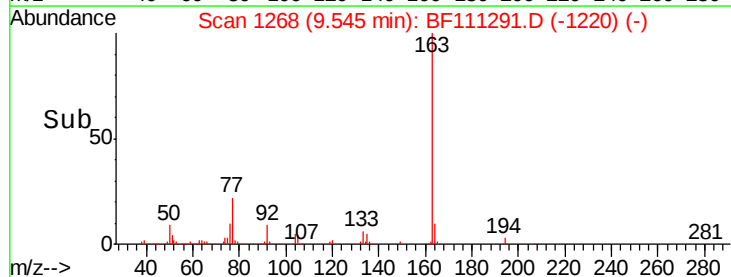
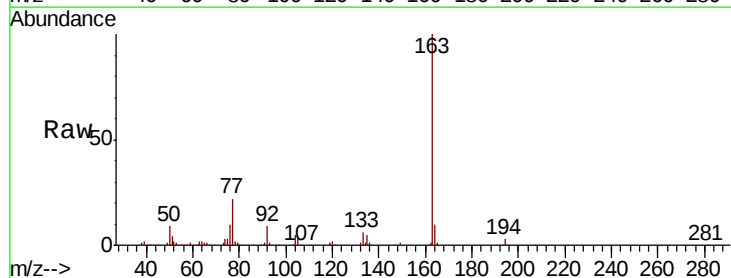
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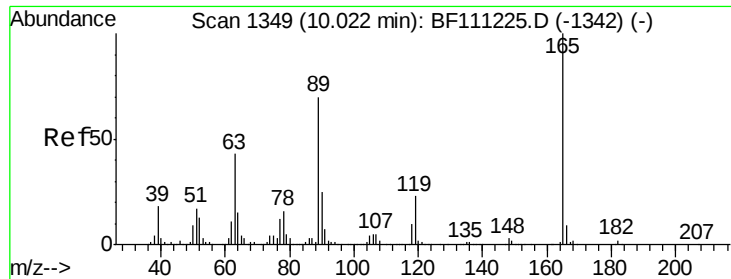
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	33.0	49.4
170	23.1	22.3	33.5



#50
Dimethylphthalate
Concen: 7.282 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111291.D
Acq: 11 Dec 2018 22:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.6
164	10.2	8.9	13.3

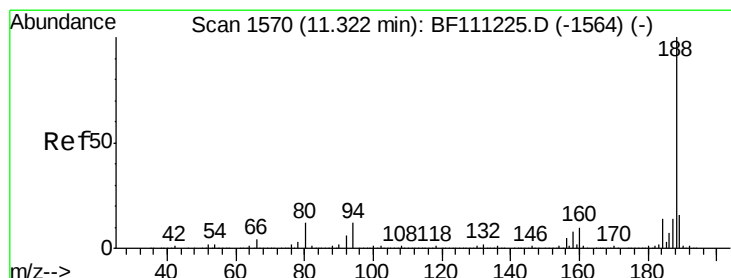
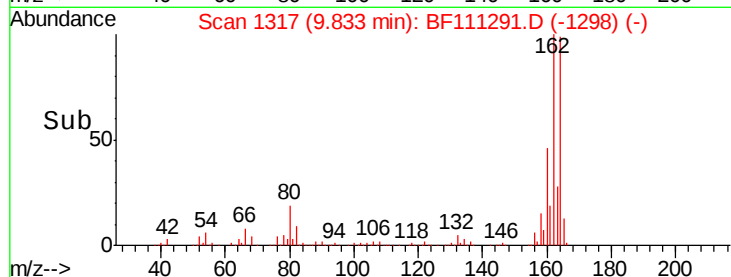
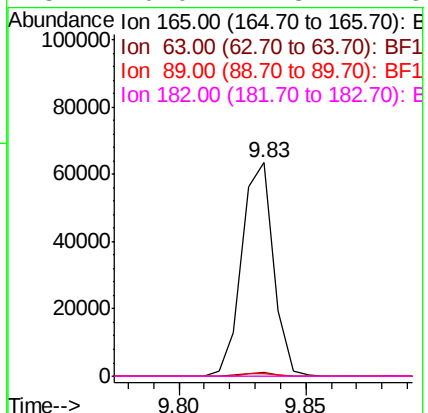
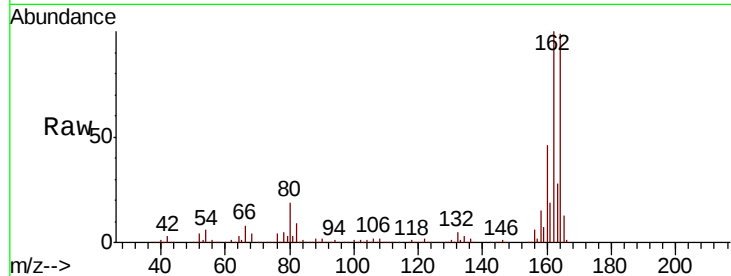




#57
 2,4-Dinitrotoluene
 Concen: 6.514 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.19 min
 Lab File: BF111291.D
 Acq: 11 Dec 2018 22:18

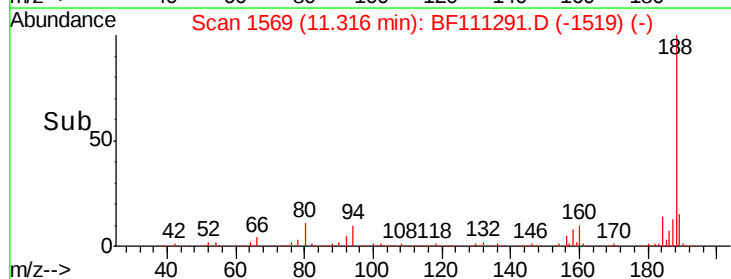
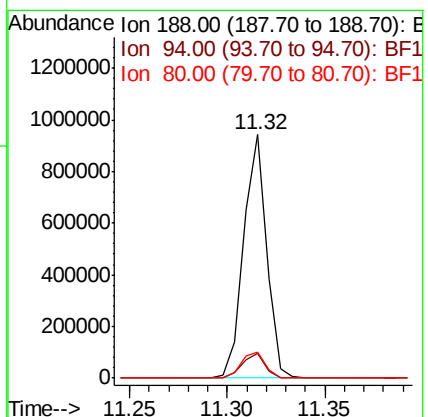
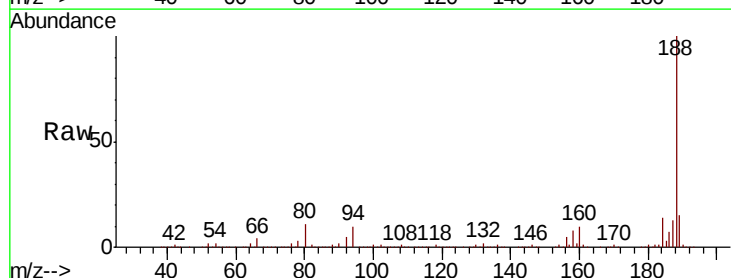
Instrument :
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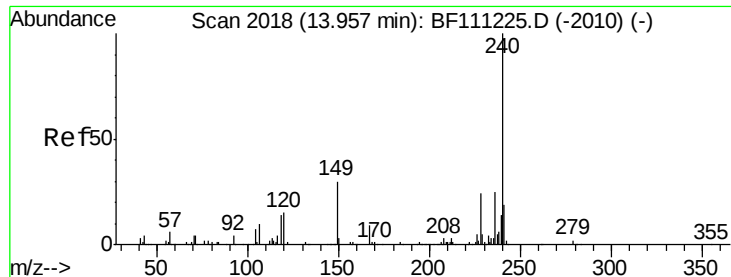
Tgt Ion:	165	Resp:	54782
Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.6	52.0#
89	1.5	56.2	84.4#
182	0.0	1.8	2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF111291.D
 Acq: 11 Dec 2018 22:18

Tgt Ion:	188	Resp:	770041
Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.6	14.4
80	10.8	9.8	14.6

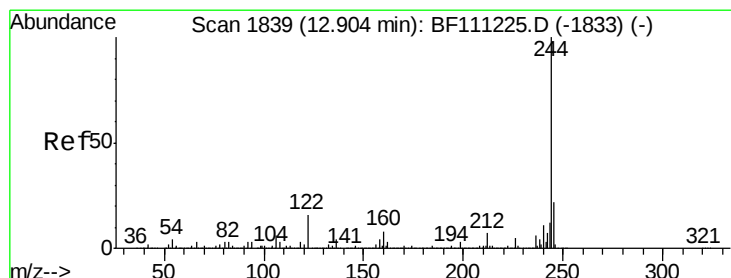
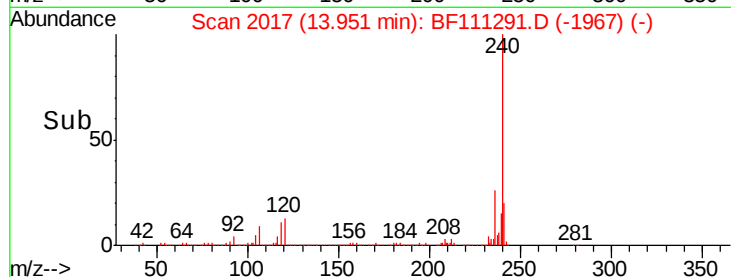
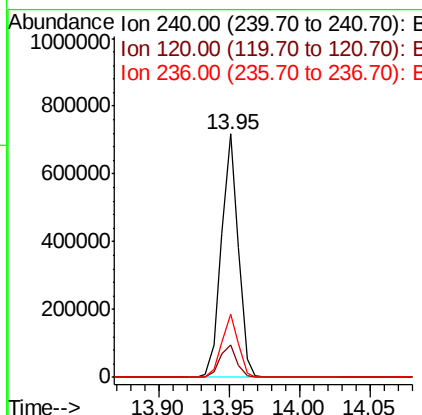
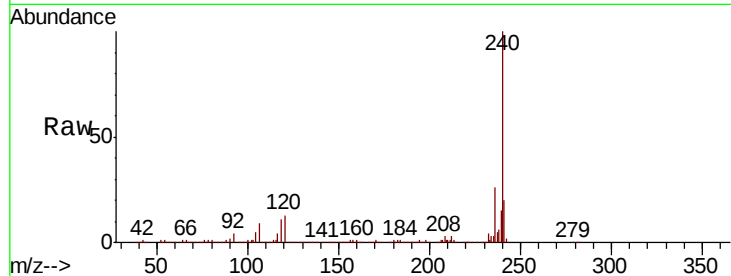




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111291.D
Acq: 11 Dec 2018 22:18

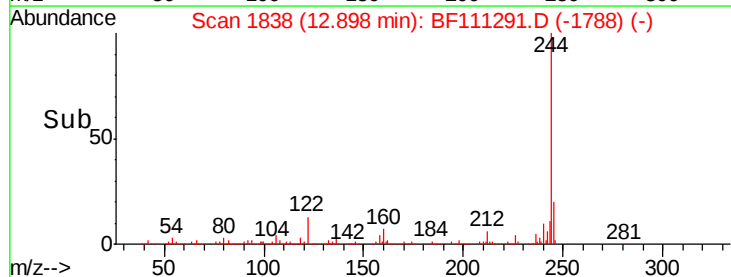
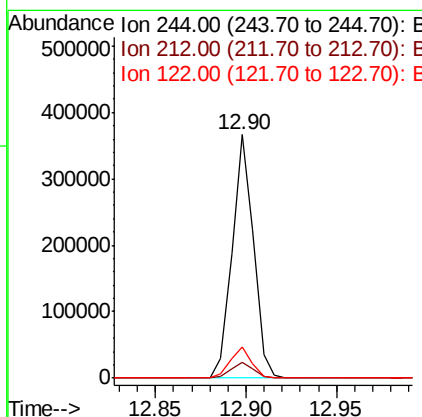
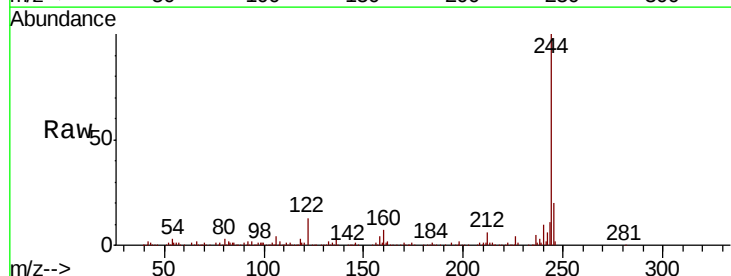
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-5-TOTAL

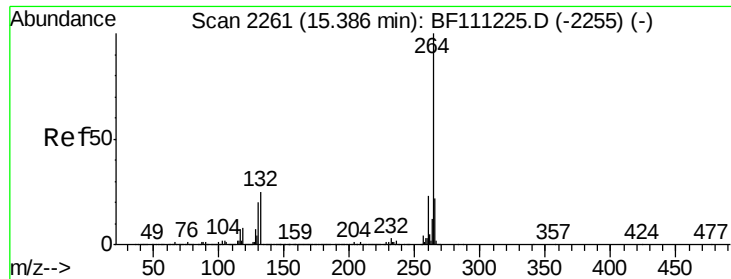
Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.3	12.2	18.2
236	25.9	20.2	30.2



#79
Terphenyl-d14
Concen: 12.007 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF111291.D
Acq: 11 Dec 2018 22:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	12.7	13.1	19.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111291.D
Acq: 11 Dec 2018 22:18

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-5-TOTAL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.3	27.5
265	20.5	17.7	26.5

