

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
 Data File : BF111289.D
 Acq On : 11 Dec 2018 21:14
 Operator : JU/SJ
 Sample : J6157-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-4-TOTAL

Quant Time: Dec 12 00:26:59 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

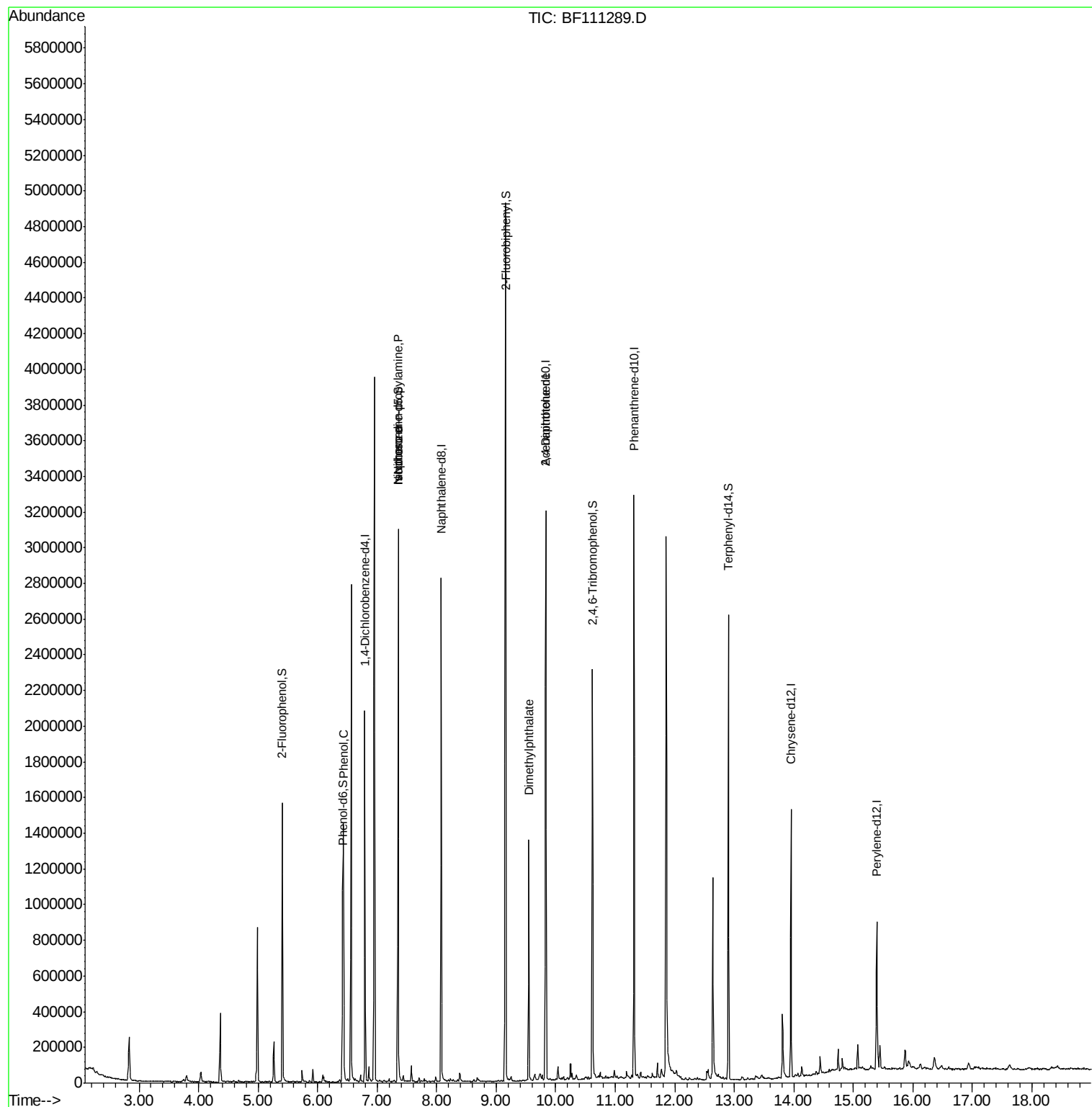
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	292194	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1223106	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	589435	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1089121	20.00	ng	0.00
76) Chrysene-d12	13.95	240	461965	20.00	ng	0.00
87) Perylene-d12	15.39	264	365022	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	396256	21.41	ng	0.00
7) Phenol-d6	6.42	99	336675	14.64	ng	-0.02
23) Nitrobenzene-d5	7.35	82	910114	41.74	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	220676	42.26	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1565041	38.32	ng	0.00
79) Terphenyl-d14	12.90	244	777438	40.37	ng	0.00
Target Compounds						
9) Benzaldehyde	6.34	77	590	Below Cal		Qvalue
10) Phenol	6.43	94	395462	14.707 ng	#	76
19) n-Nitroso-di-n-propylamine	7.35	70	119486	7.756 ng	#	79
25) Isophorone	7.35	82	902590	24.301 ng	#	64
46) 1,1'-Biphenyl	9.25	154	3253	Below Cal		94
50) Dimethylphthalate	9.55	163	479464	11.024 ng		99
57) 2,4-Dinitrotoluene	9.83	165	75327	6.362 ng	#	25

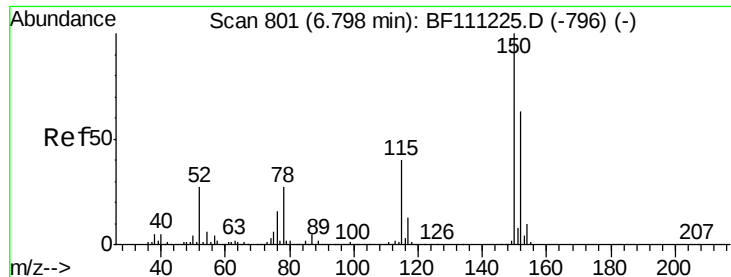
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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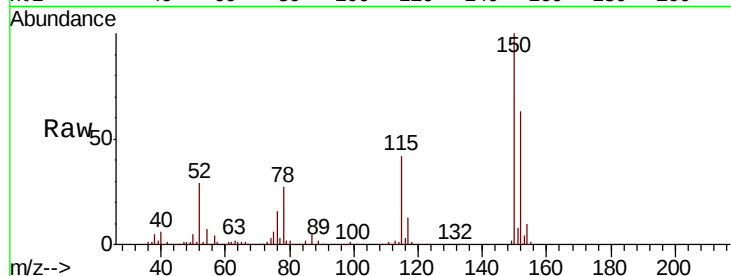


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF111289.D
Acq: 11 Dec 2018 21:14

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-4-TOTAL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.6	189.8
115	66.4	50.7	76.1

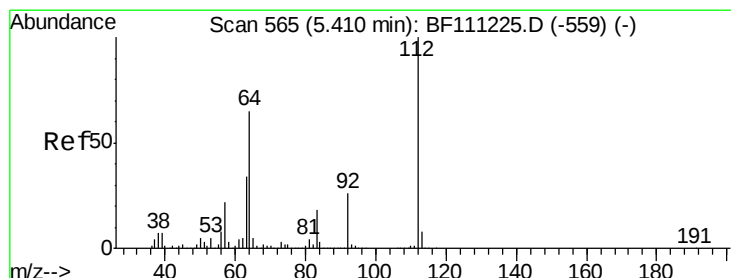
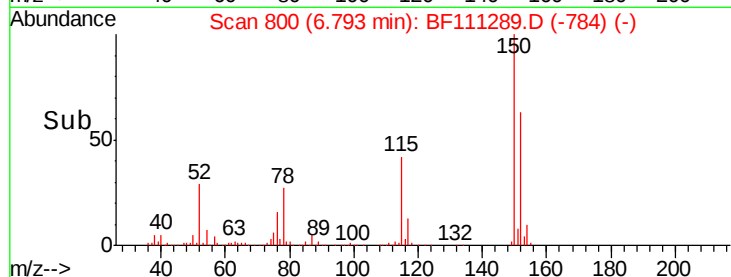
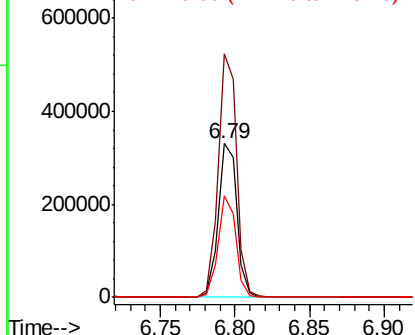


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

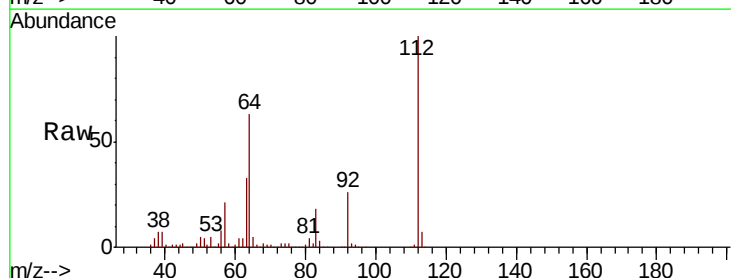
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 21.414 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF111289.D
Acq: 11 Dec 2018 21:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	51.8	77.6
63	32.6	26.8	40.2

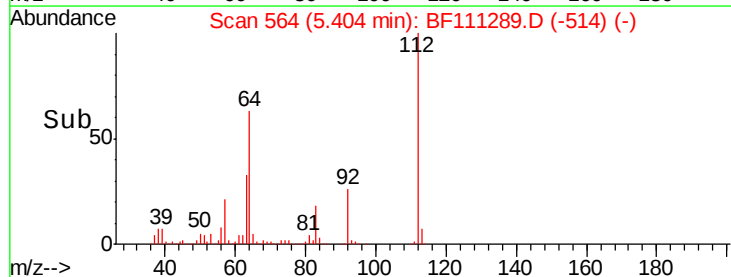
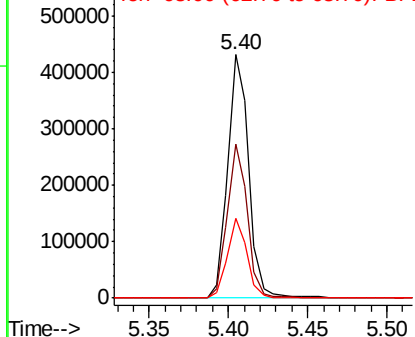


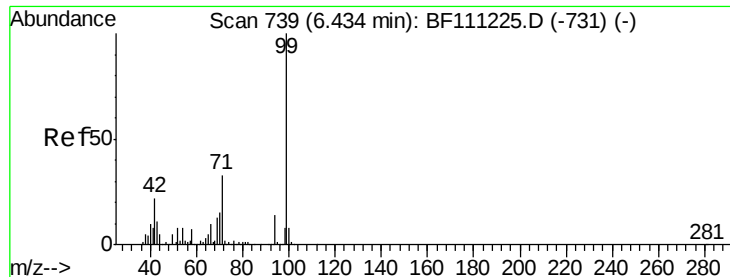
Abundance

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: 14.641 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF111289.D

Acq: 11 Dec 2018 21:14

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-4-TOTAL

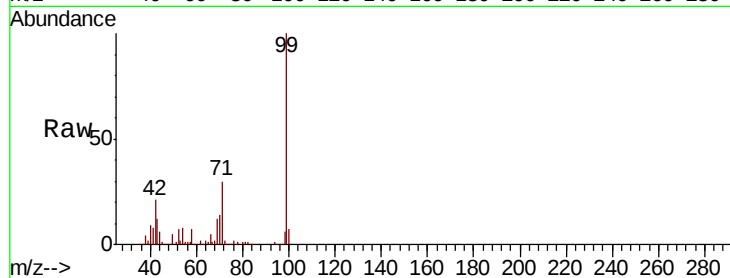
Tgt Ion: 99 Resp: 336675

Ion Ratio Lower Upper

99 100

42 21.1 17.4 26.0

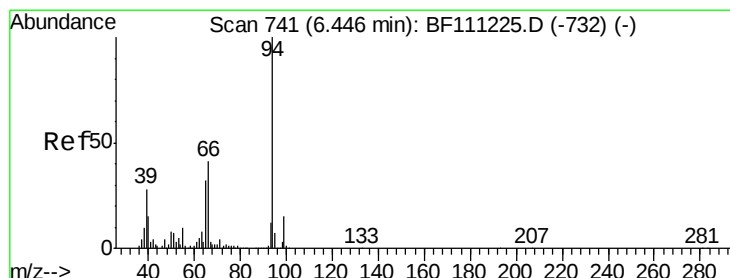
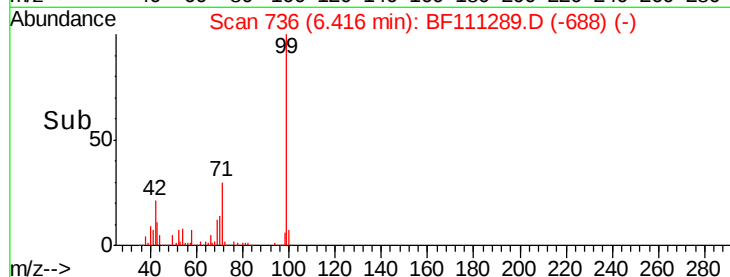
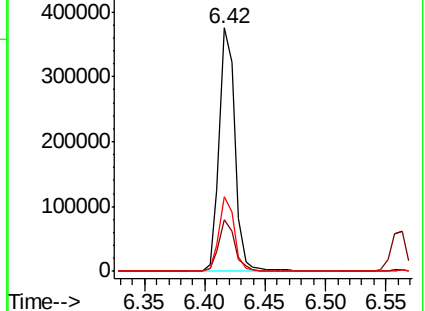
71 30.4 26.1 39.1



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: 14.707 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111289.D

Acq: 11 Dec 2018 21:14

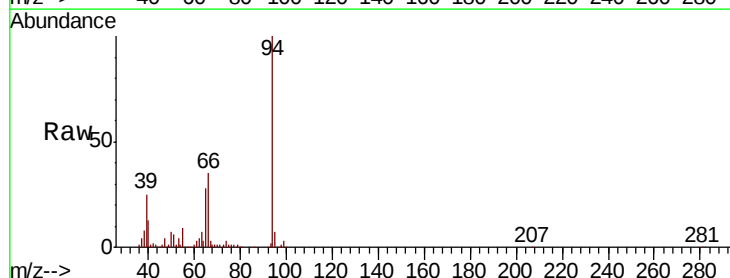
Tgt Ion: 94 Resp: 395462

Ion Ratio Lower Upper

94 100

65 28.3 11.7 51.7

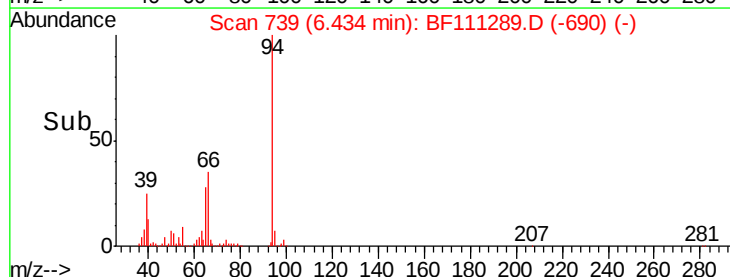
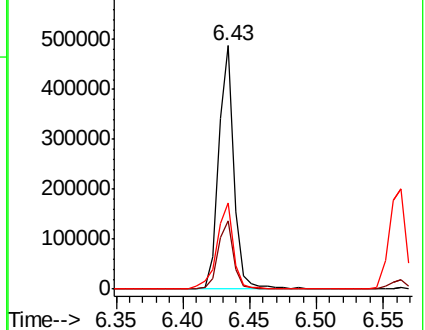
66 35.4 21.0 61.0

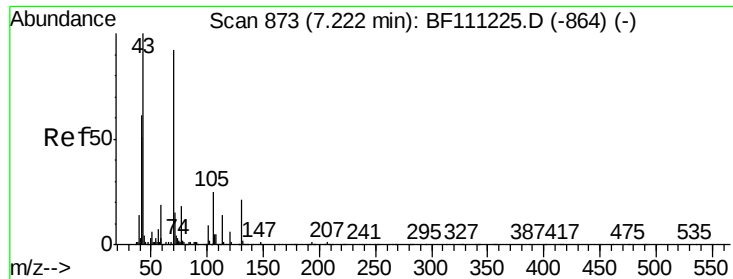


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

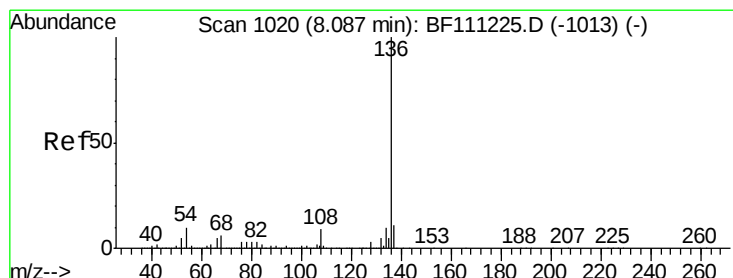
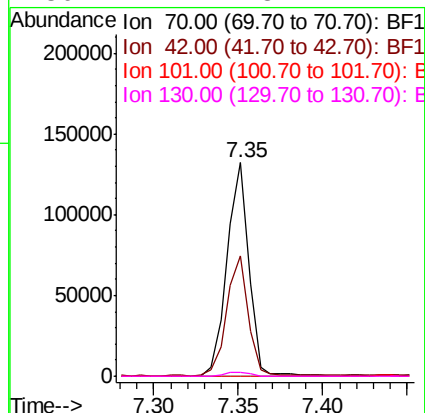
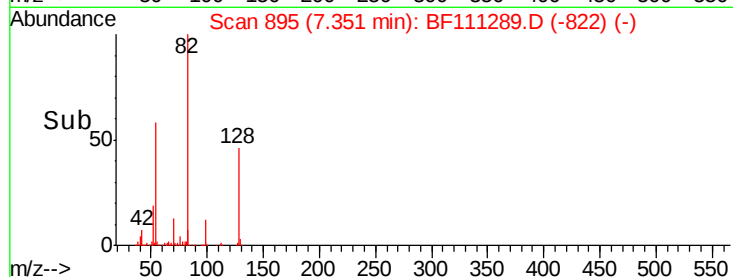
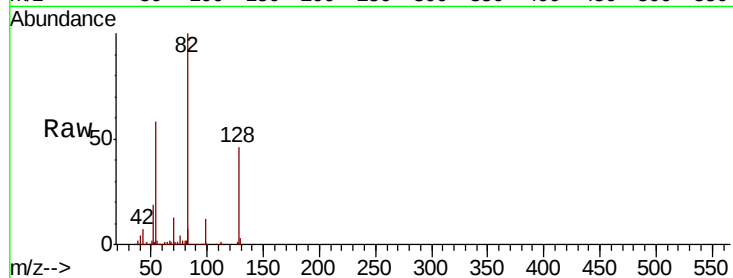




#19
n-Nitroso-di-n-propylamine
Concen: 7.756 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.13 min
Lab File: BF111289.D
Acq: 11 Dec 2018 21:14

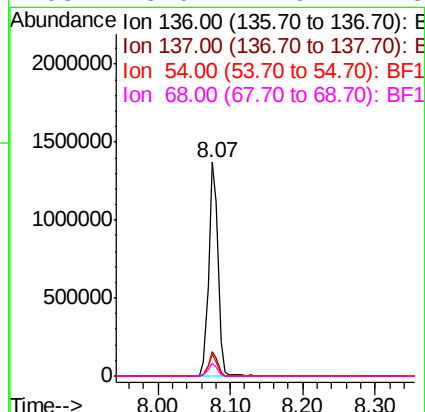
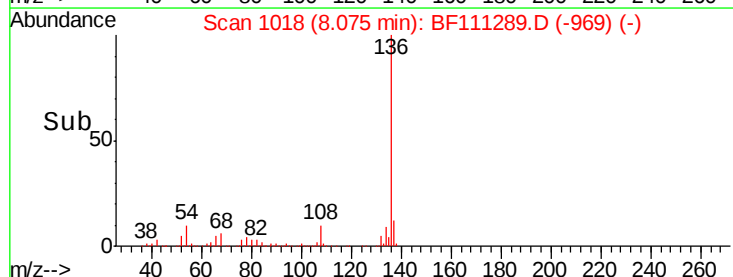
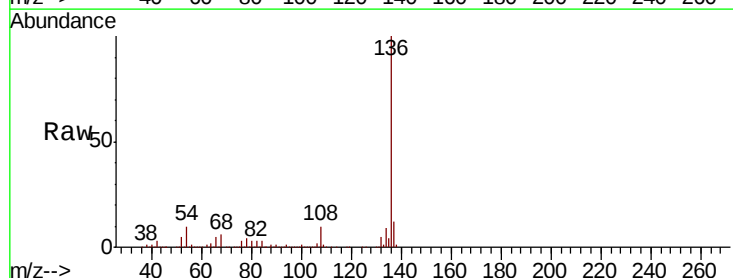
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-4-TOTAL

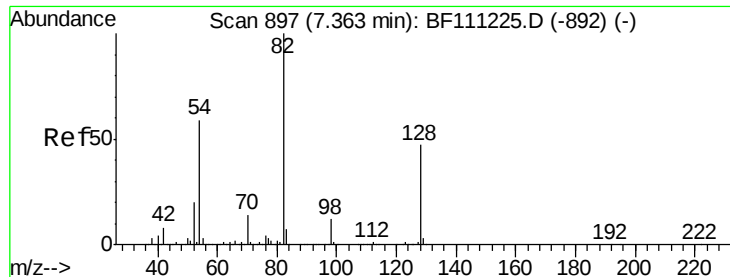
Tgt Ion:	70	Resp:	119486
Ion	Ratio	Lower	Upper
70	100		
42	56.1	53.2	79.8
101	0.0	8.2	12.4#
130	2.1	18.1	27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111289.D
Acq: 11 Dec 2018 21:14

Tgt Ion:	136	Resp:	1223106
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	10.0	7.7	11.5
68	5.9	4.9	7.3

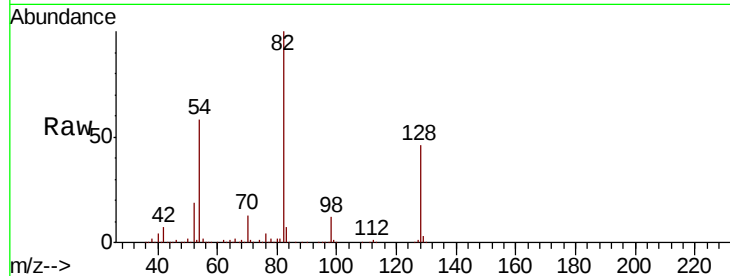




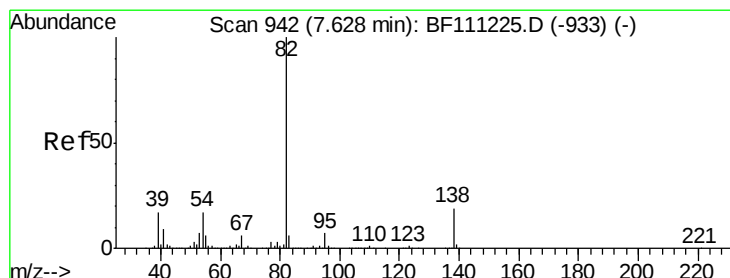
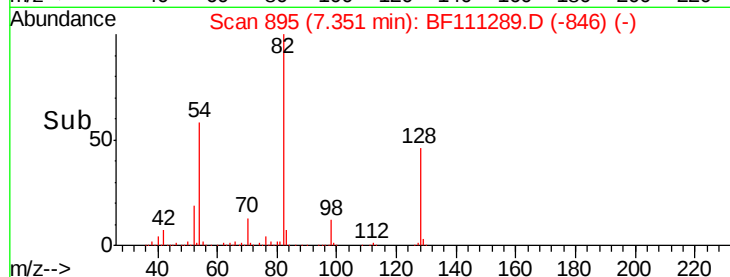
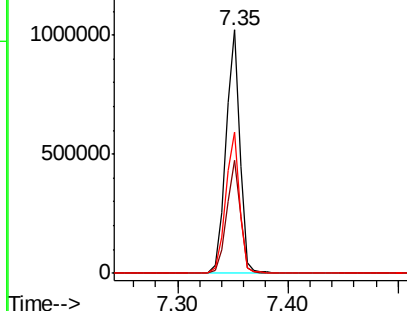
#23
 Nitrobenzene-d5
 Concen: 41.736 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111289.D
 Acq: 11 Dec 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-4-TOTAL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.4	56.2
54	58.2	47.6	71.4

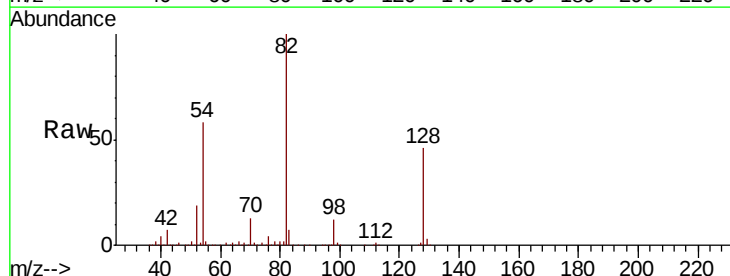


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

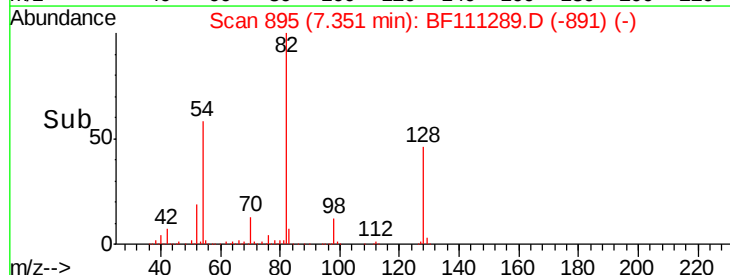
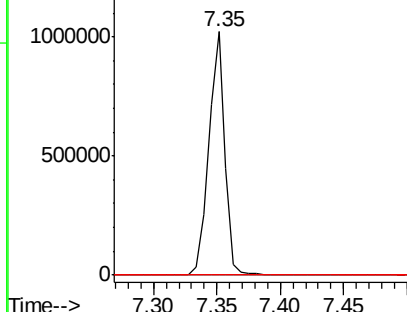


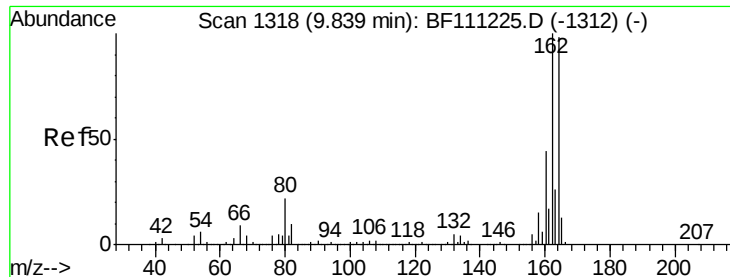
#25
 Isophorone
 Concen: 24.301 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.28 min
 Lab File: BF111289.D
 Acq: 11 Dec 2018 21:14

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.1	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

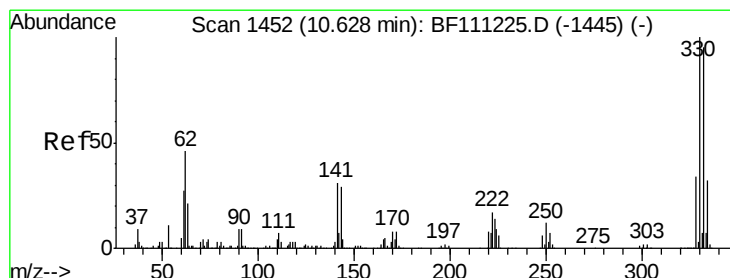
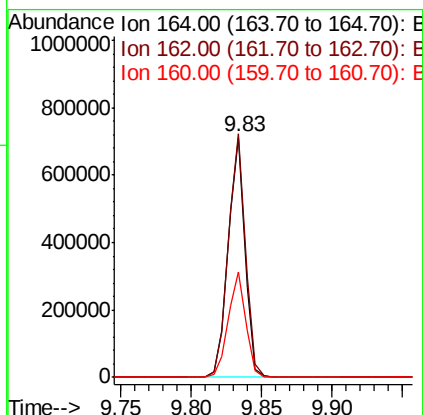
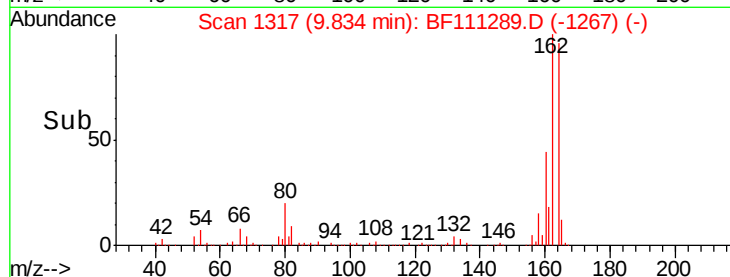
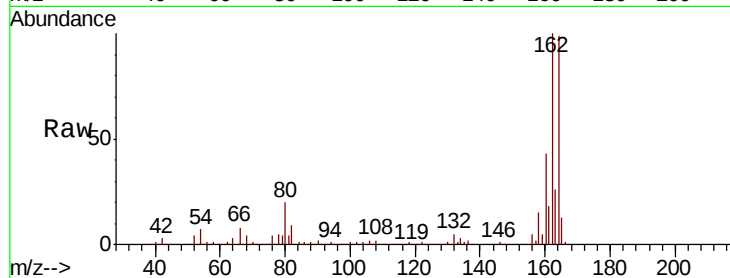




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111289.D
Acq: 11 Dec 2018 21:14

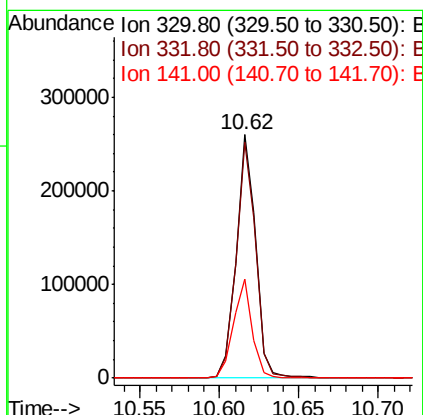
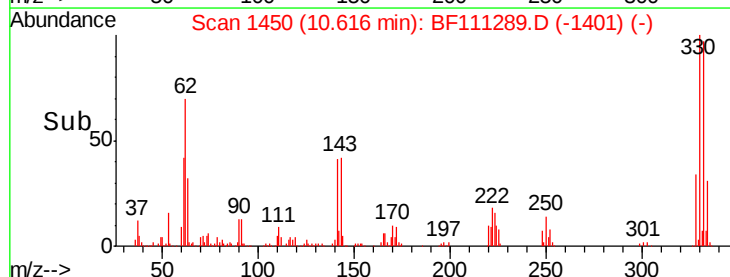
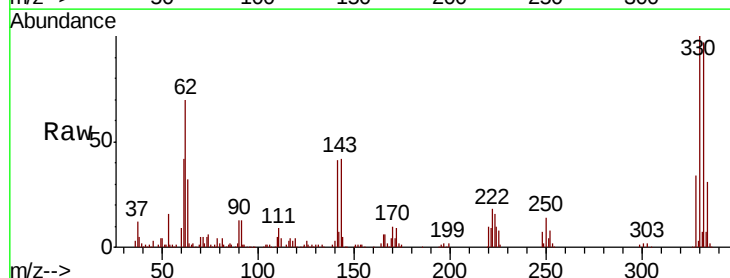
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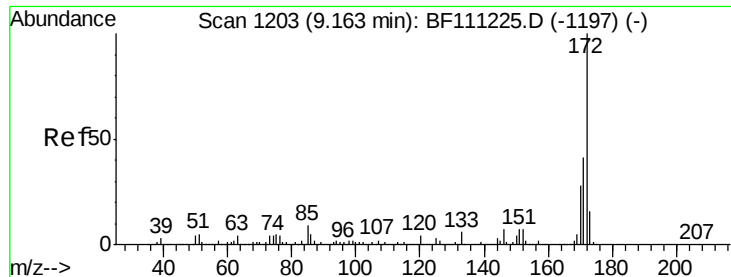
Tgt Ion:164 Resp: 589435
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.0
160 44.0 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 42.265 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111289.D
Acq: 11 Dec 2018 21:14

Tgt Ion:330 Resp: 220676
Ion Ratio Lower Upper
330 100
332 97.8 76.0 114.0
141 39.3 31.0 46.6

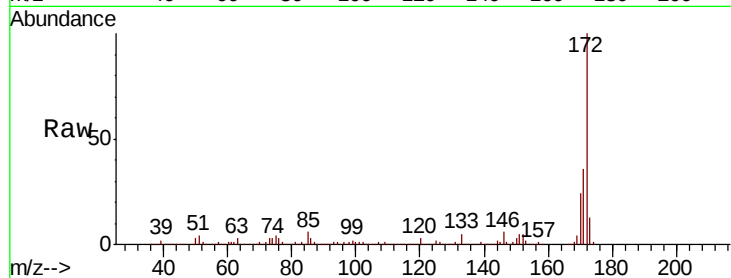




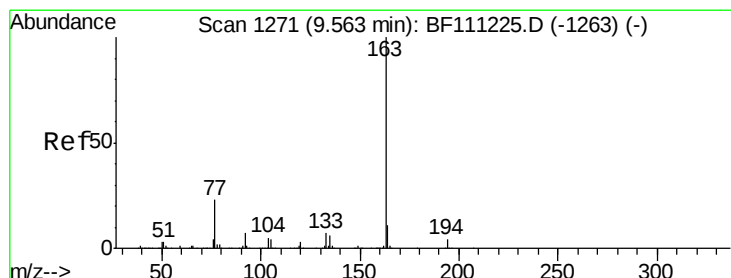
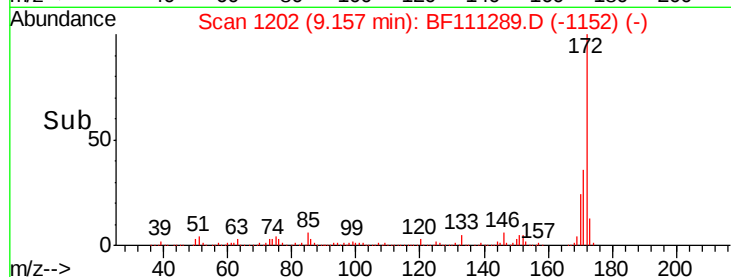
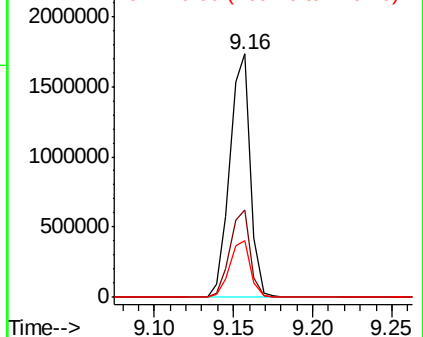
#45
2-Fluorobiphenyl
Concen: 38.317 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF111289.D
Acq: 11 Dec 2018 21:14

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-4-TOTAL

Tgt Ion:172 Resp: 1565041
Ion Ratio Lower Upper
172 100
171 36.0 33.0 49.4
170 23.5 22.3 33.5

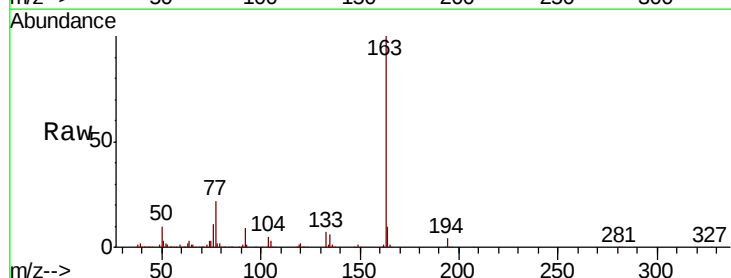


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

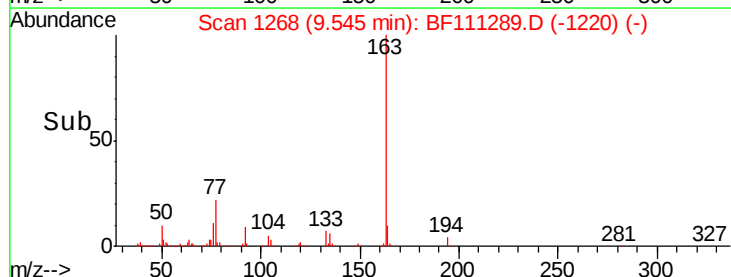
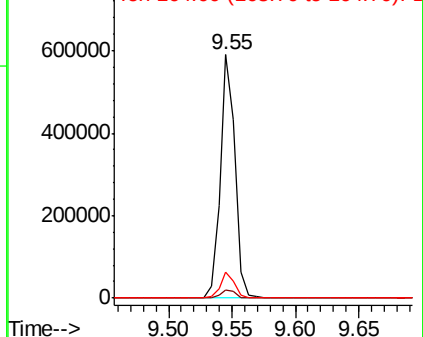


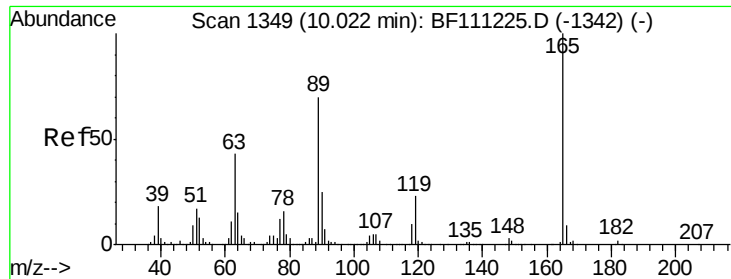
#50
Dimethylphthalate
Concen: 11.024 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111289.D
Acq: 11 Dec 2018 21:14

Tgt Ion:163 Resp: 479464
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.5 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

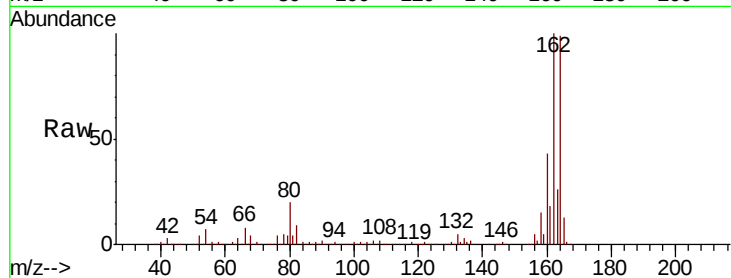




#57
 2,4-Dinitrotoluene
 Concen: 6.362 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.19 min
 Lab File: BF111289.D
 Acq: 11 Dec 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-4-TOTAL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.6	52.0#
89	1.7	56.2	84.4#
182	0.0	1.8	2.6#

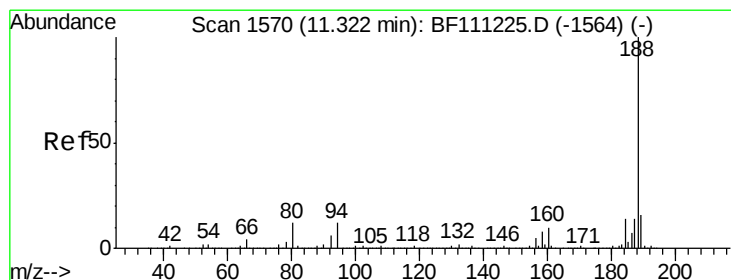
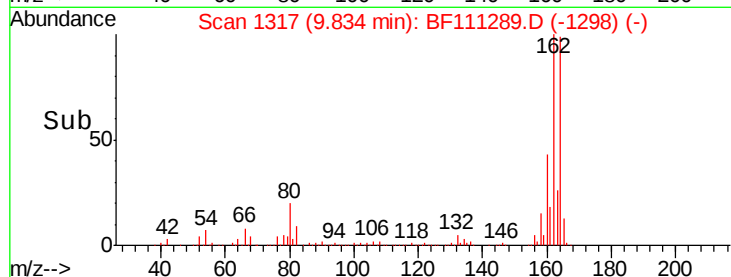
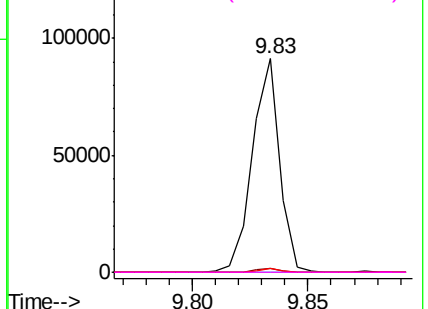


Abundance Ion 165.00 (164.70 to 165.70): E

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



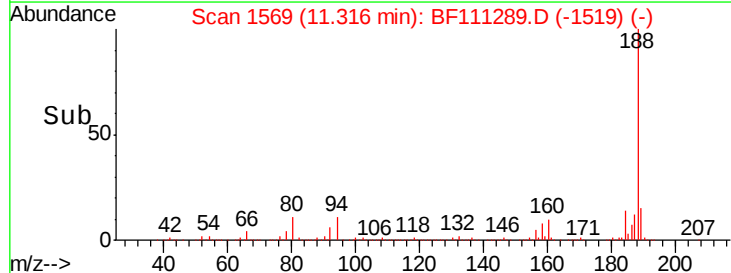
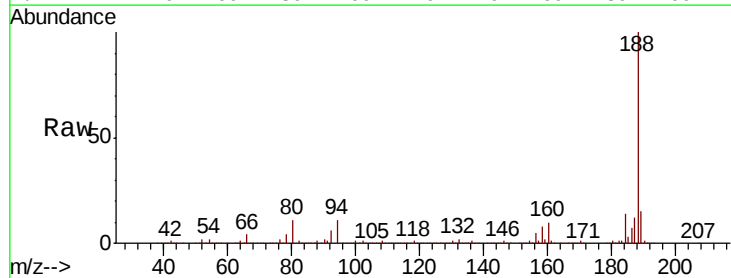
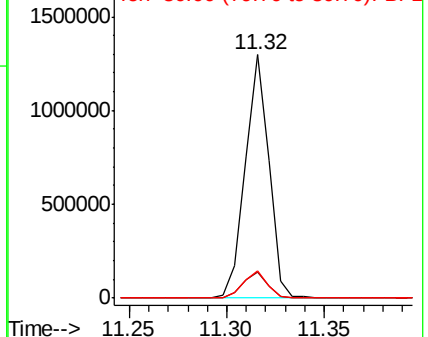
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF111289.D
 Acq: 11 Dec 2018 21:14

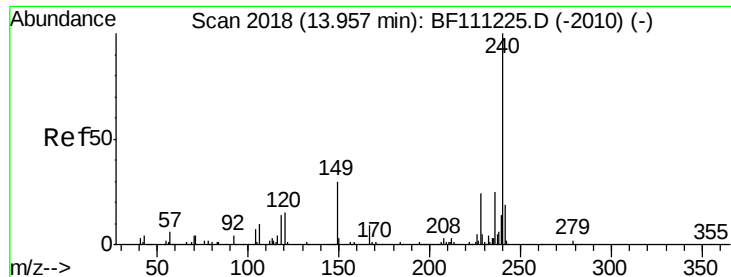
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.6	14.4
80	11.1	9.8	14.6

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

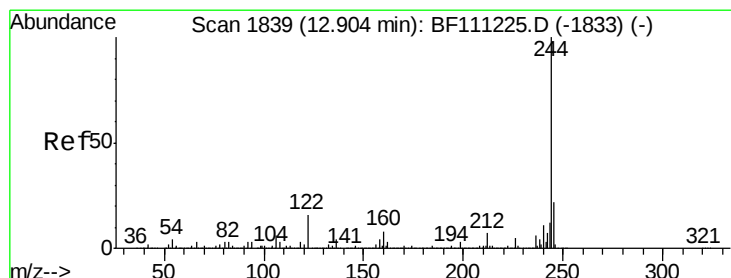
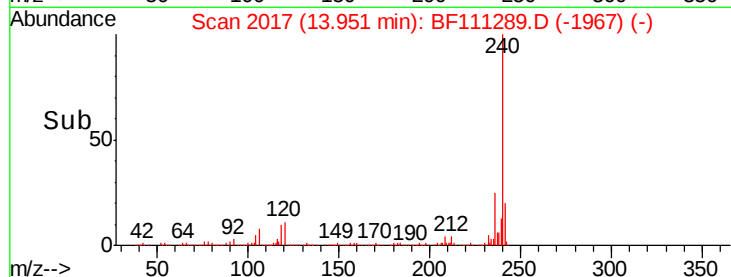
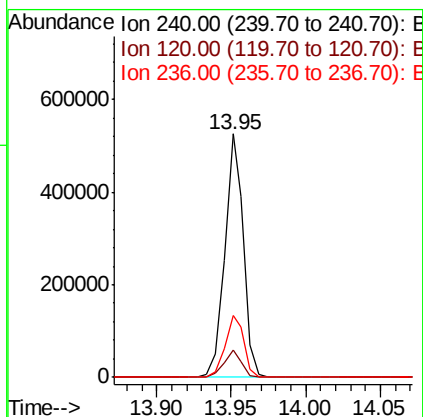
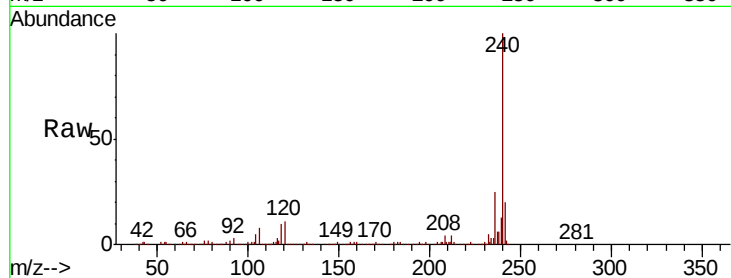




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111289.D
Acq: 11 Dec 2018 21:14

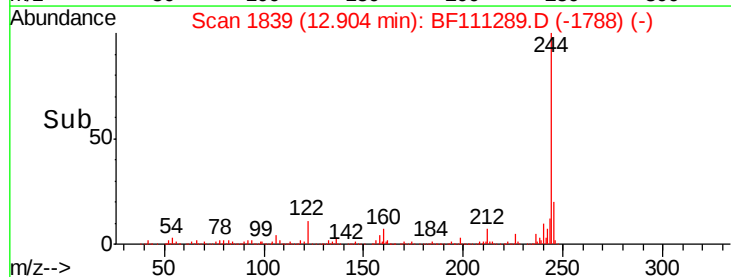
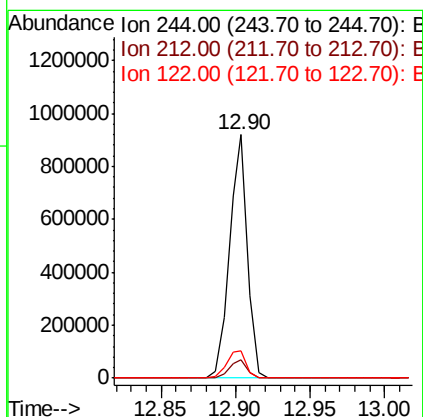
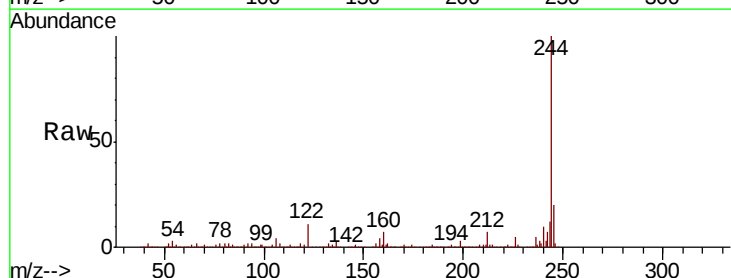
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-4-TOTAL

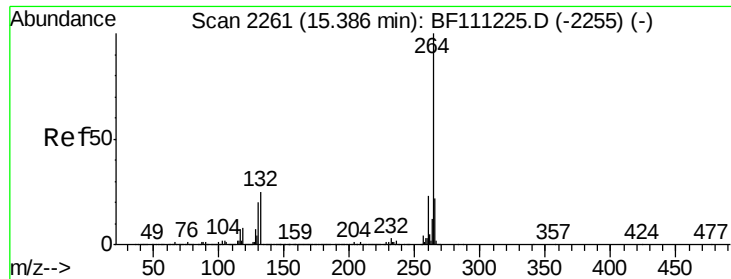
Tgt Ion:240 Resp: 461965
Ion Ratio Lower Upper
240 100
120 11.2 12.2 18.2#
236 25.2 20.2 30.2



#79
Terphenyl-d14
Concen: 40.367 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BF111289.D
Acq: 11 Dec 2018 21:14

Tgt Ion:244 Resp: 777438
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 11.2 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: BF111289.D
Acq: 11 Dec 2018 21:14

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-4-TOTAL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	21.9	17.7	26.5

