

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111367.D
 Acq On : 13 Dec 2018 13:34
 Operator : JU/SJ
 Sample : J6214-33
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 13 14:52:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

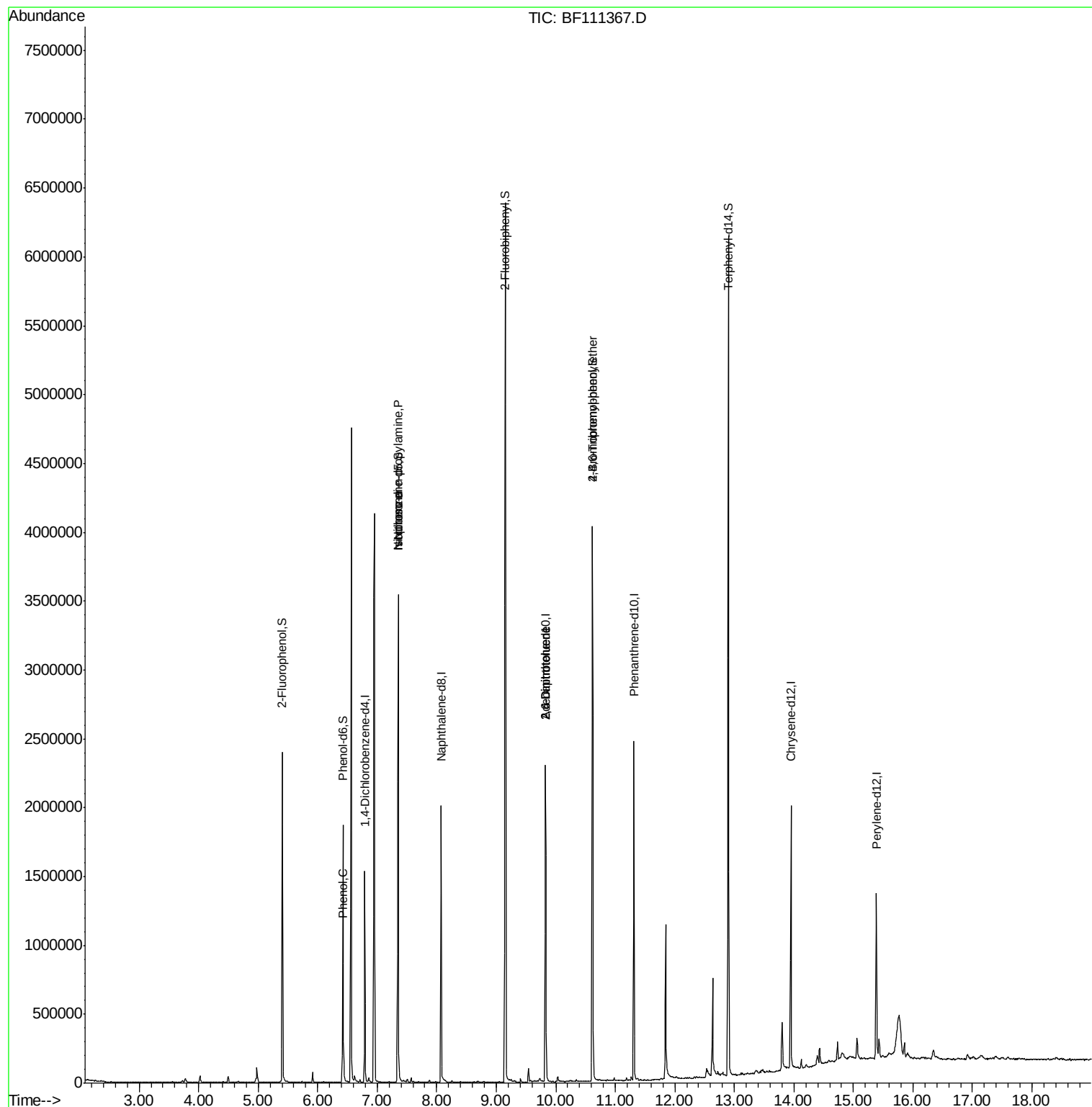
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	203165	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	858325	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	438735	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	844233	20.00	ng	0.00
76) Chrysene-d12	13.95	240	671497	20.00	ng	0.00
87) Perylene-d12	15.39	264	541169	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	655964	54.60	ng	0.00
7) Phenol-d6	6.42	99	526905	32.53	ng	-0.01
23) Nitrobenzene-d5	7.35	82	1111531	72.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	457346	118.25	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2012630	73.65	ng	0.00
79) Terphenyl-d14	12.90	244	2151834	70.53	ng	0.00
Target Compounds						
9) Benzaldehyde	6.42	77	1293	Below Cal	Qvalue	# 1
10) Phenol	6.43	94	44753	2.439 ng		95
19) n-Nitroso-di-n-propylamine	7.35	70	145615	13.528 ng	#	80
25) Isophorone	7.35	82	1097698	42.435 ng	#	64
51) 2,6-Dinitrotoluene	9.83	165	55849	7.986 ng	#	29
57) 2,4-Dinitrotoluene	9.83	165	55849	6.231 ng	#	25
67) 4-Bromophenyl-phenylether	10.62	248	30477	3.243 ng	#	1

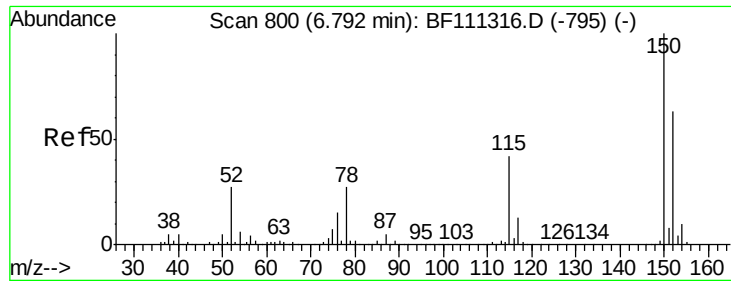
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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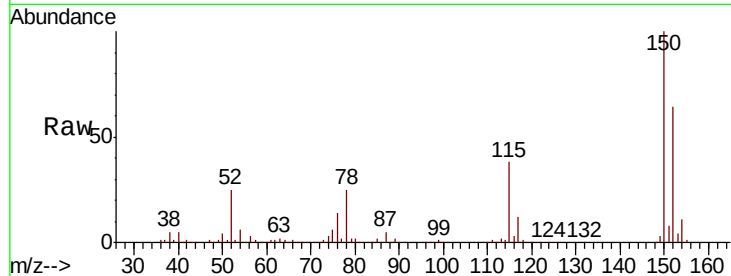


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111367.D
Acq: 13 Dec 2018 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.6	189.8
115	59.5	50.7	76.1

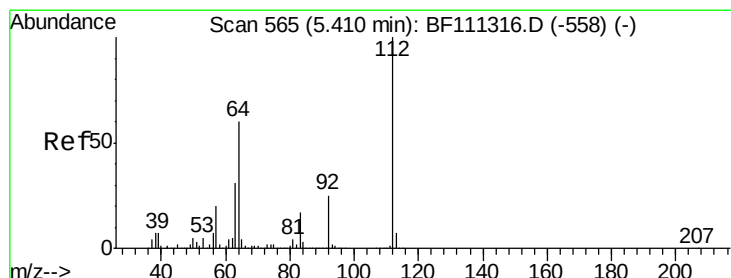
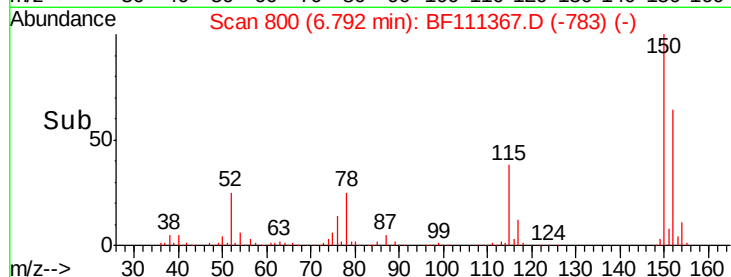
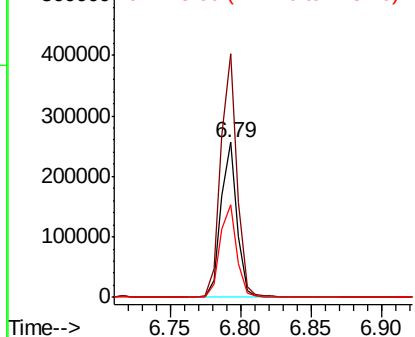


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

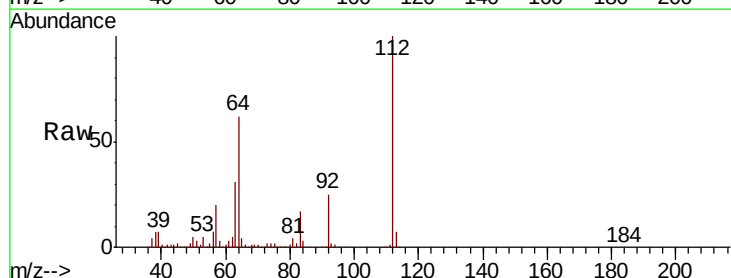
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 54.599 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF111367.D
Acq: 13 Dec 2018 13:34

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

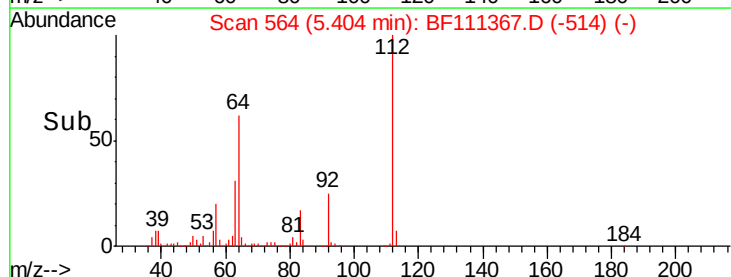
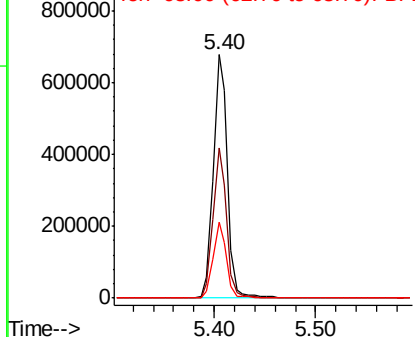


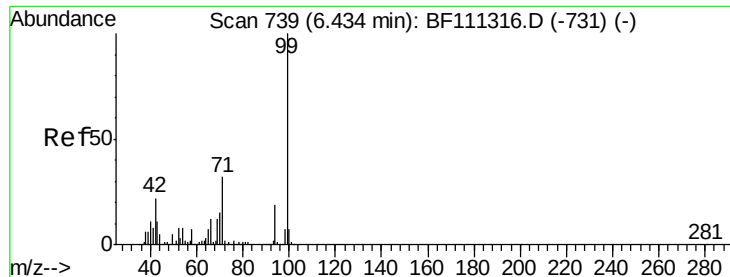
Abundance

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: 32.528 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111367.D

Acq: 13 Dec 2018 13:34

Instrument :

BNA_F

ClientSampleId :

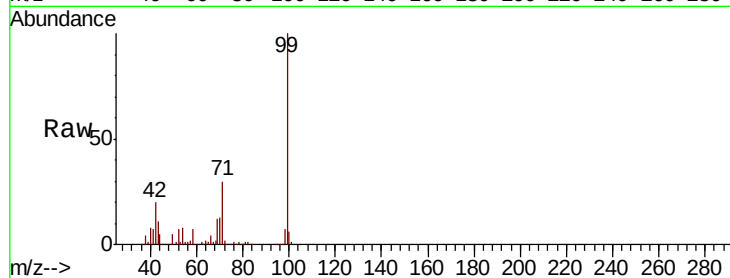
Tot Ion: 99 Resp: 526905

Ion Ratio Lower Upper

99 100

42 20.1 17.4 26.0

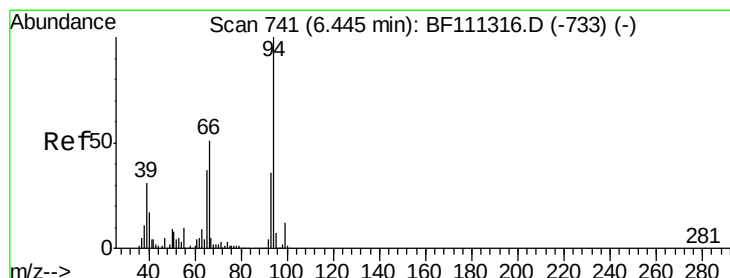
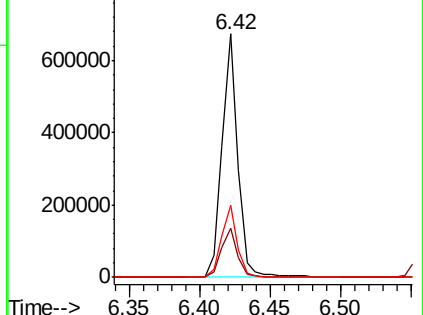
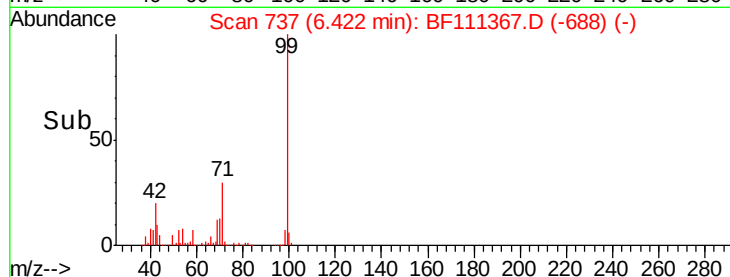
71 29.6 26.1 39.1



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: 2.439 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111367.D

Acq: 13 Dec 2018 13:34

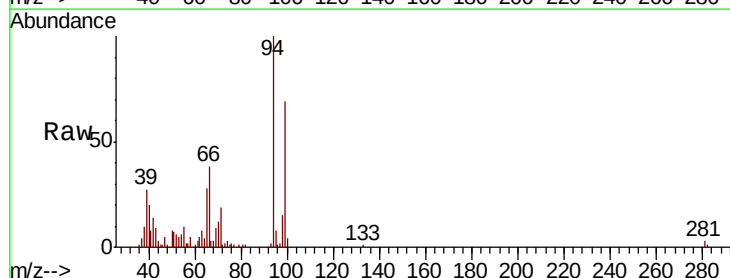
Tgt Ion: 94 Resp: 44753

Ion Ratio Lower Upper

94 100

65 28.4 11.7 51.7

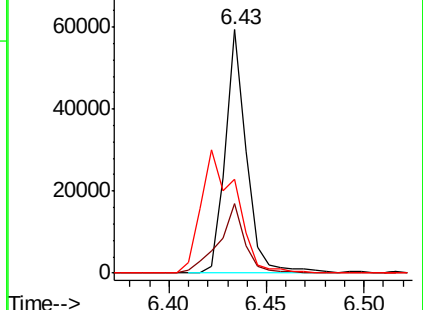
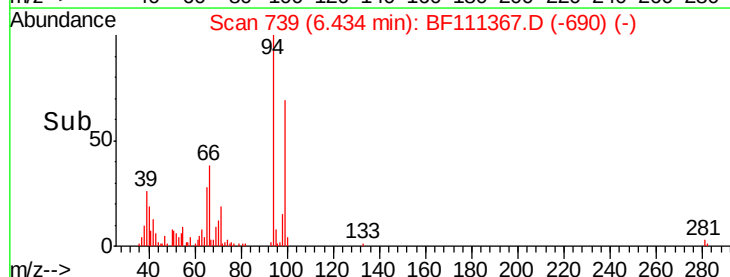
66 38.3 21.0 61.0

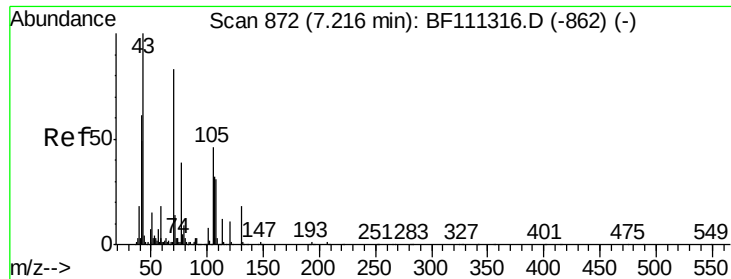


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

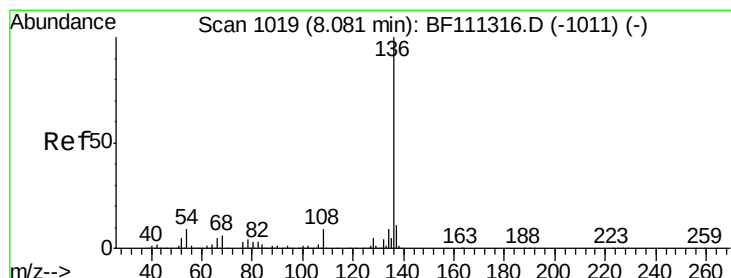
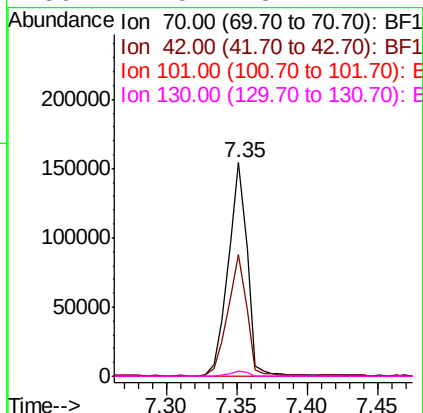
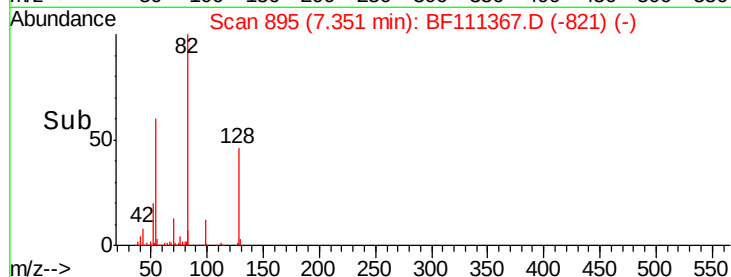
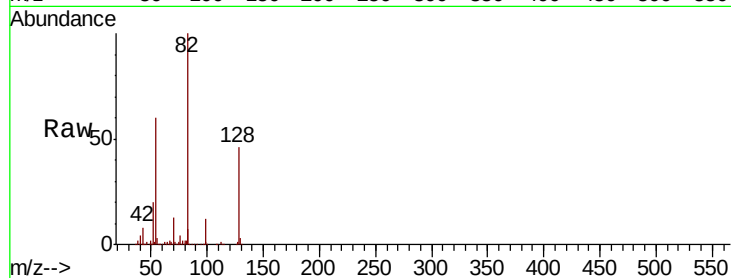




#19
n-Nitroso-di-n-propylamine
Concen: 13.528 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111367.D
Acq: 13 Dec 2018 13:34

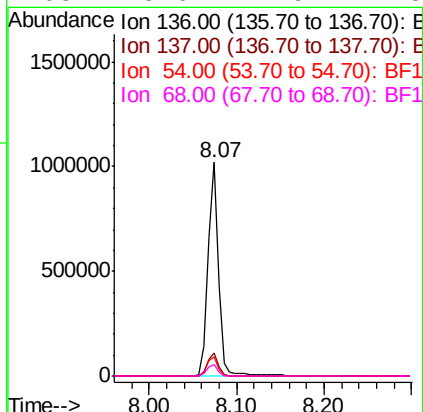
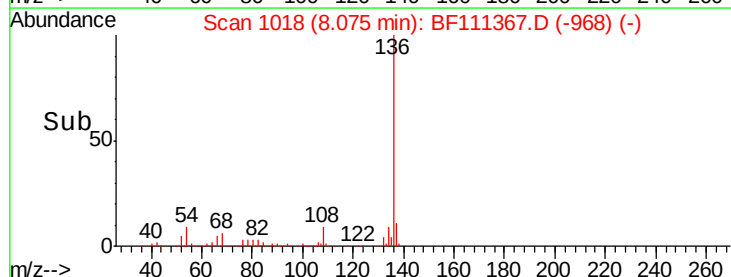
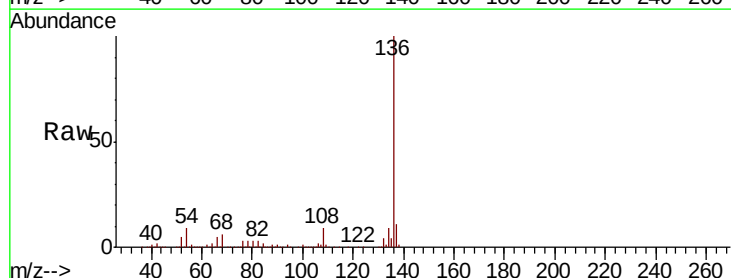
Instrument :
BNA_F
ClientSampleId :

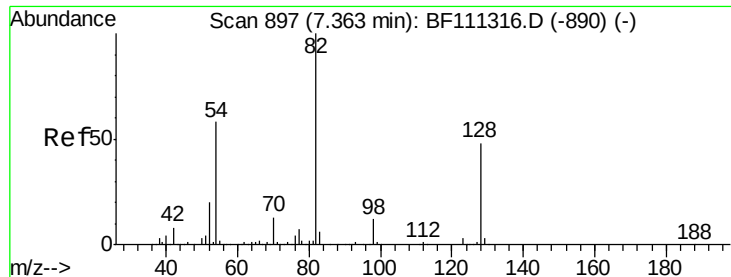
Tot Ion: 70 Resp: 145615
Ion Ratio Lower Upper
70 100
42 57.2 53.2 79.8
101 0.0 8.2 12.4#
130 2.5 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111367.D
Acq: 13 Dec 2018 13:34

Tgt Ion: 136 Resp: 858325
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 8.9 7.7 11.5
68 5.6 4.9 7.3

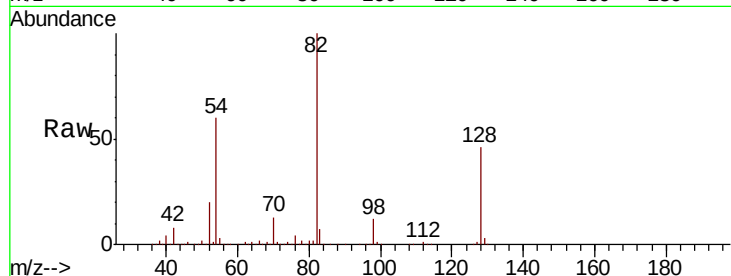




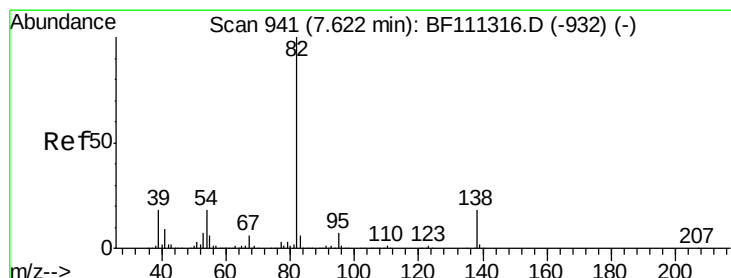
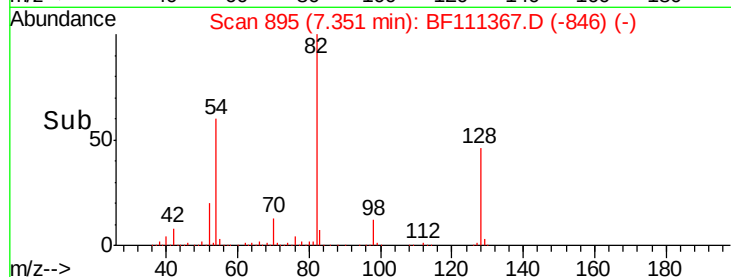
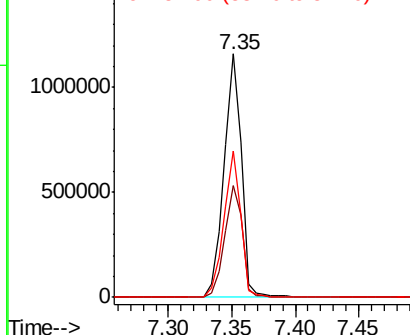
#23
Nitrobenzene-d5
Concen: 72.990 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111367.D
Acq: 13 Dec 2018 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1111531
Ion Ratio Lower Upper
82 100
128 45.8 37.4 56.2
54 59.9 47.6 71.4

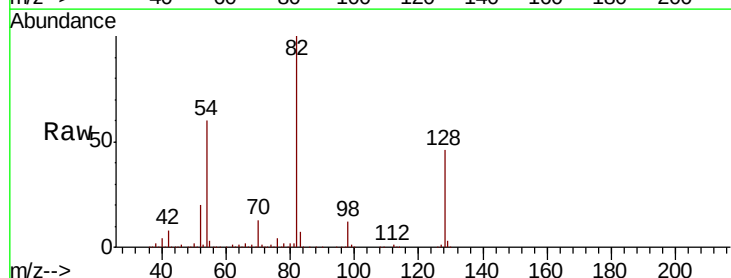


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

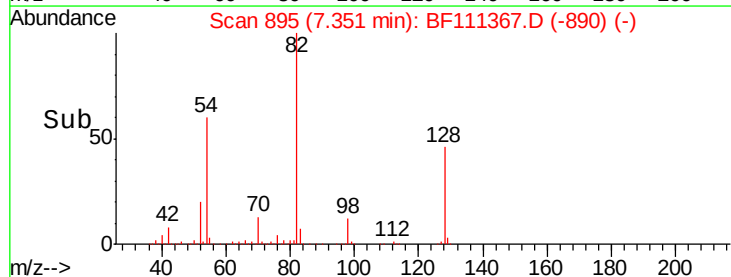
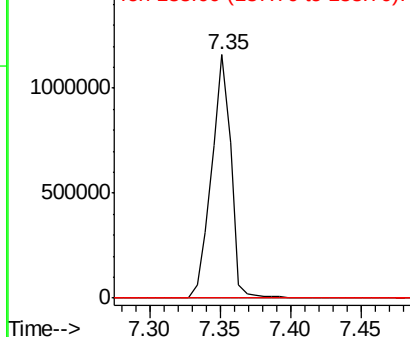


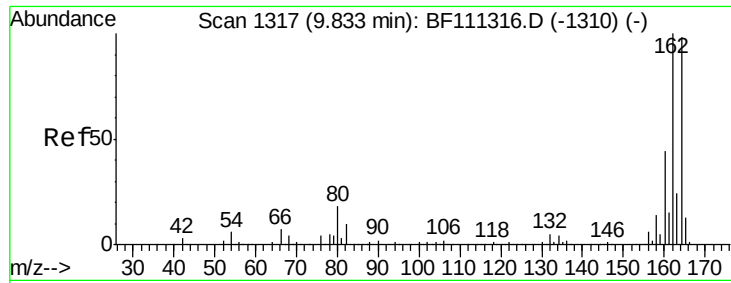
#25
Isophorone
Concen: 42.435 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.27 min
Lab File: BF111367.D
Acq: 13 Dec 2018 13:34

Tgt Ion: 82 Resp: 1097698
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

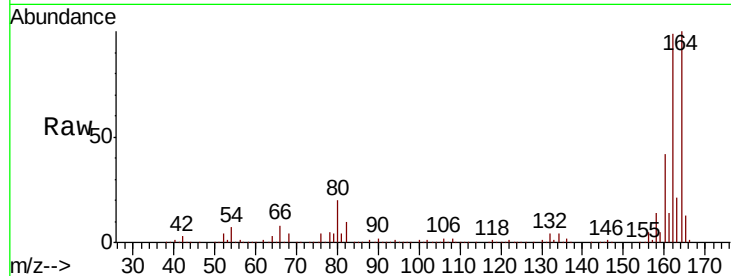




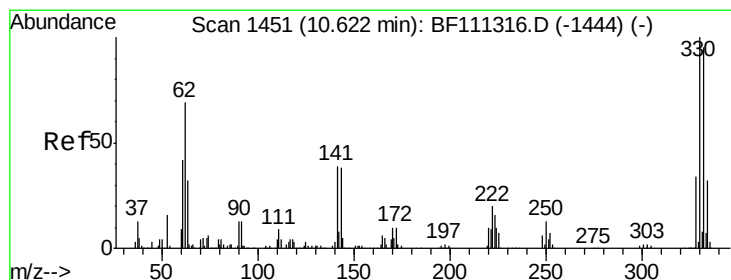
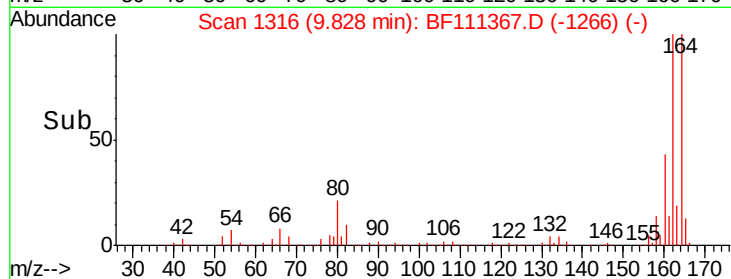
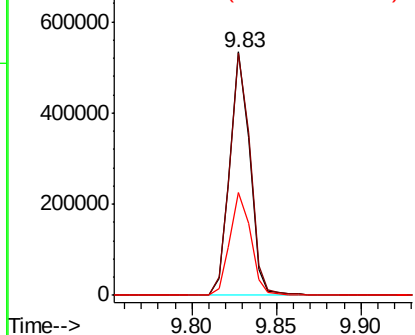
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111367.D
Acq: 13 Dec 2018 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 438735
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 42.4 35.7 53.5

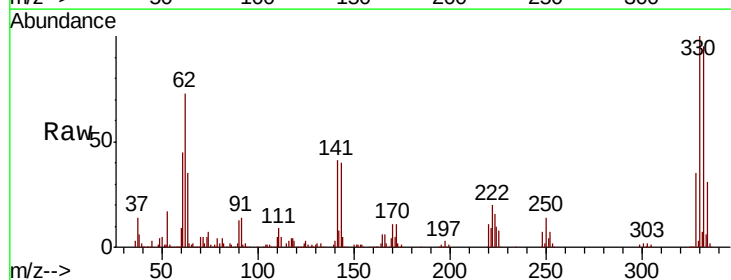


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

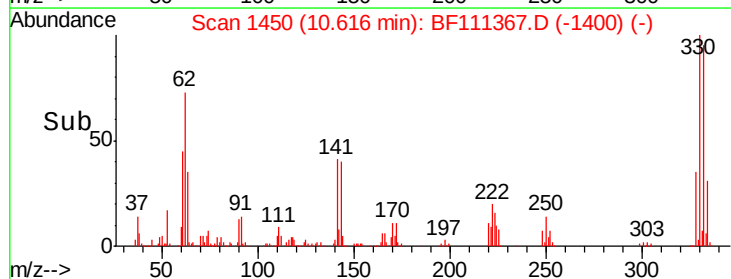
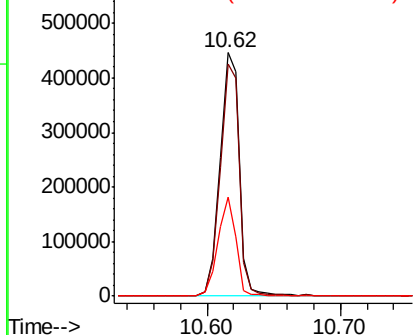


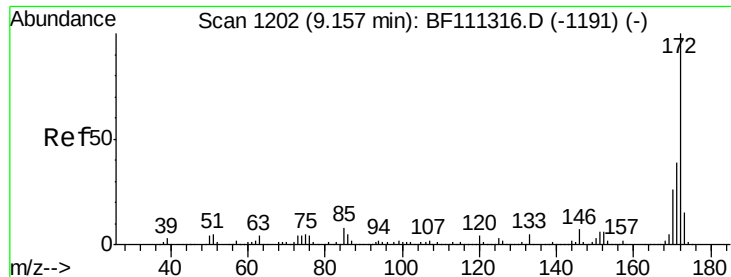
#42
2,4,6-Tribromophenol
Concen: 118.254 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111367.D
Acq: 13 Dec 2018 13:34

Tgt Ion:330 Resp: 457346
Ion Ratio Lower Upper
330 100
332 95.2 76.0 114.0
141 38.3 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

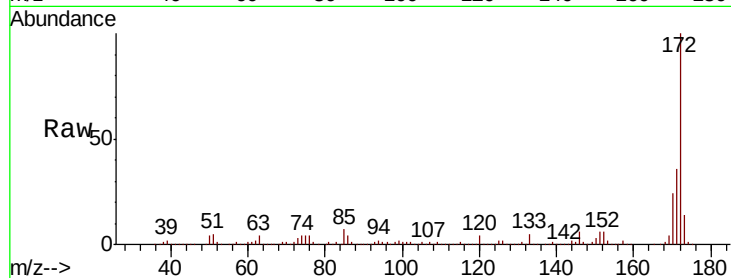




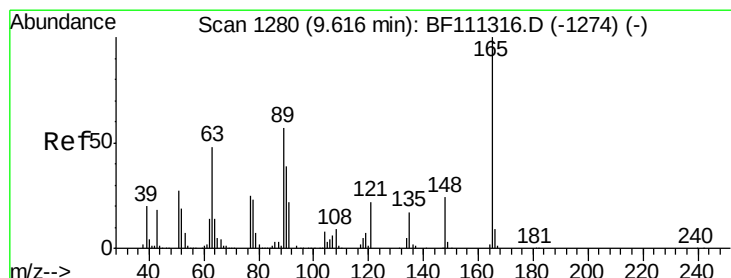
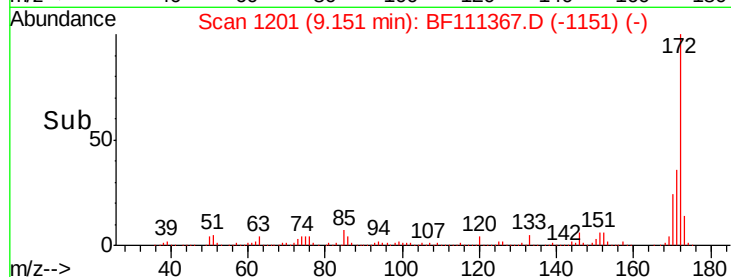
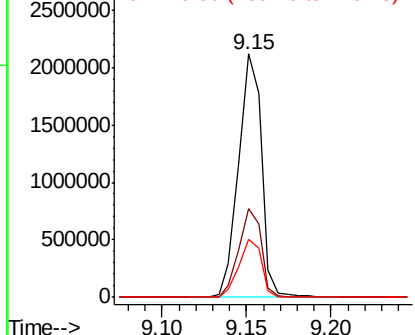
#45
2-Fluorobiphenyl
Concen: 73.649 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111367.D
Acq: 13 Dec 2018 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2012630
Ion Ratio Lower Upper
172 100
171 36.3 33.0 49.4
170 23.9 22.3 33.5

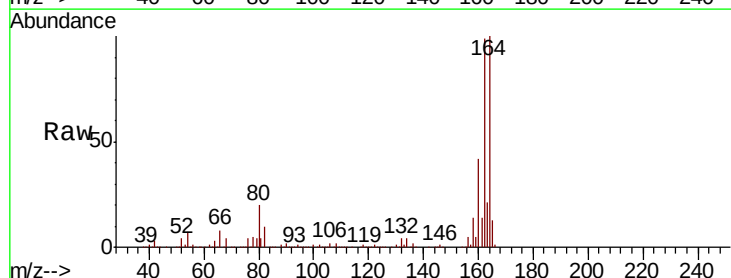


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

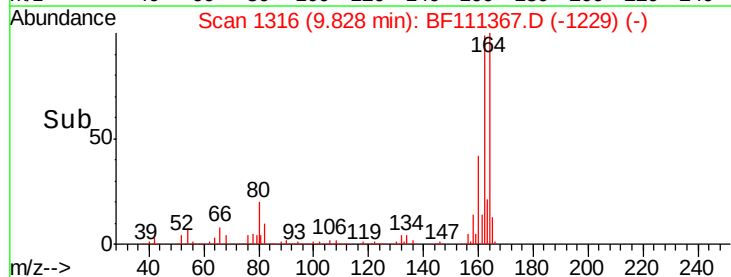
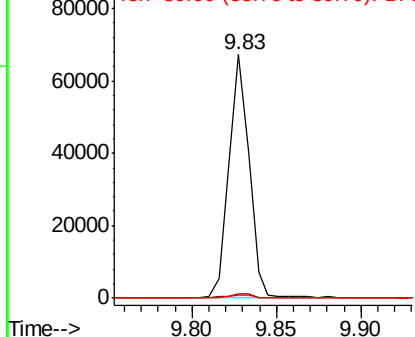


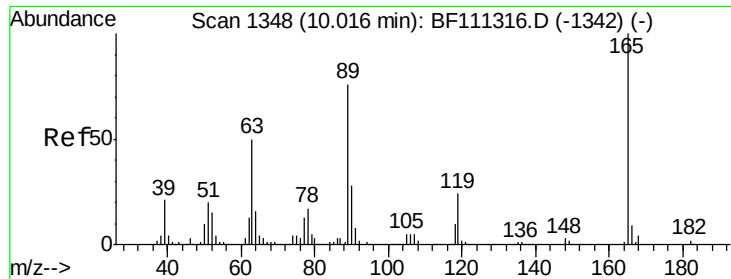
#51
2,6-Dinitrotoluene
Concen: 7.986 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.21 min
Lab File: BF111367.D
Acq: 13 Dec 2018 13:34

Tgt Ion:165 Resp: 55849
Ion Ratio Lower Upper
165 100
63 1.5 40.5 60.7#
89 1.2 40.0 60.0#



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





#57

2,4-Dinitrotoluene

Concen: 6.231 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.19 min

Lab File: BF111367.D

Acq: 13 Dec 2018 13:34

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 55849

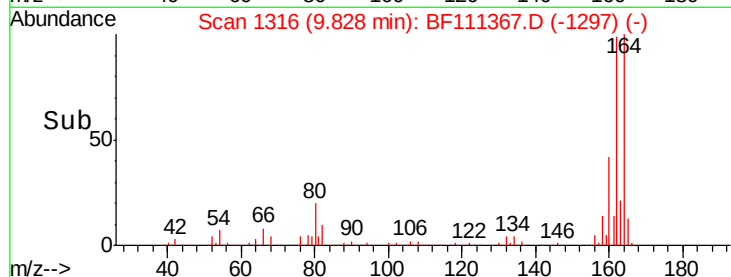
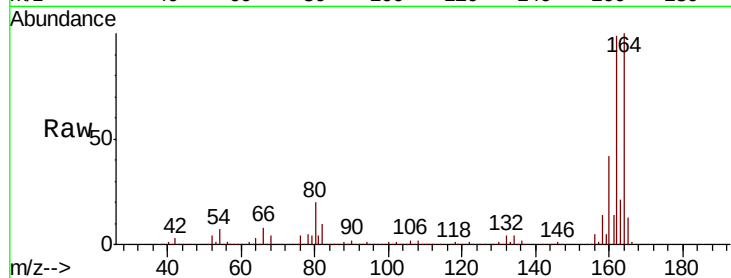
Ion Ratio Lower Upper

165 100

63 1.5 34.6 52.0#

89 1.2 56.2 84.4#

182 0.0 1.8 2.6#

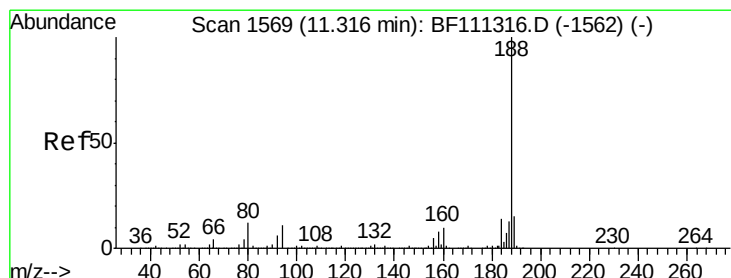
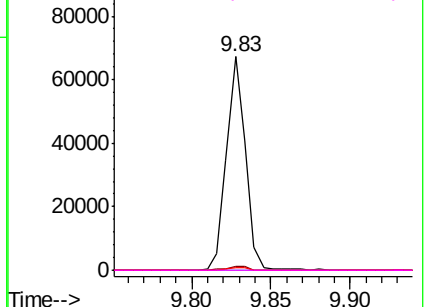


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111367.D

Acq: 13 Dec 2018 13:34

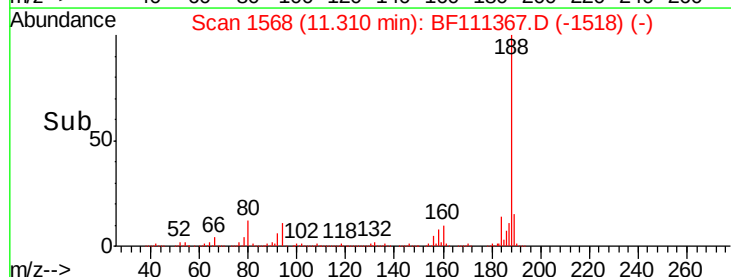
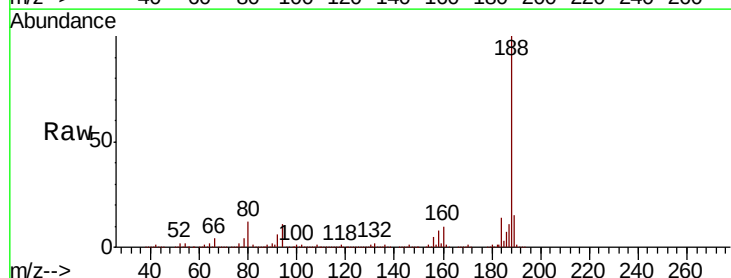
Tgt Ion:188 Resp: 844233

Ion Ratio Lower Upper

188 100

94 11.3 9.6 14.4

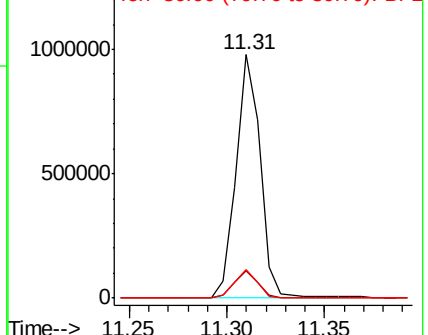
80 11.6 9.8 14.6

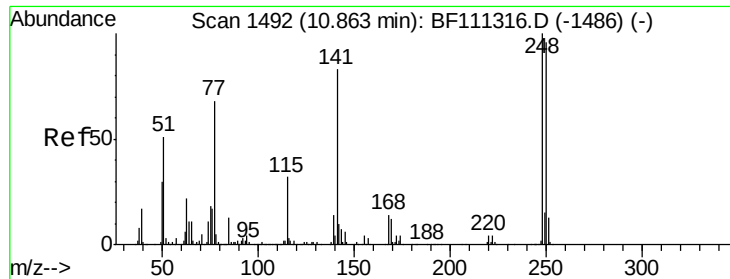


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

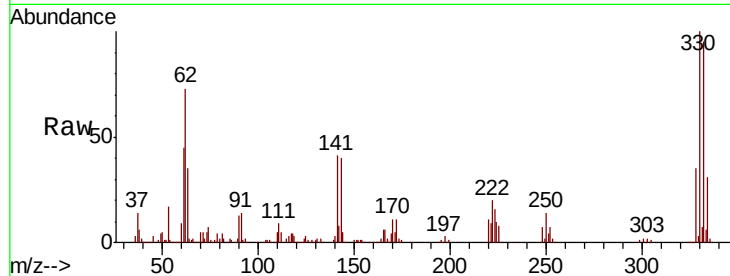




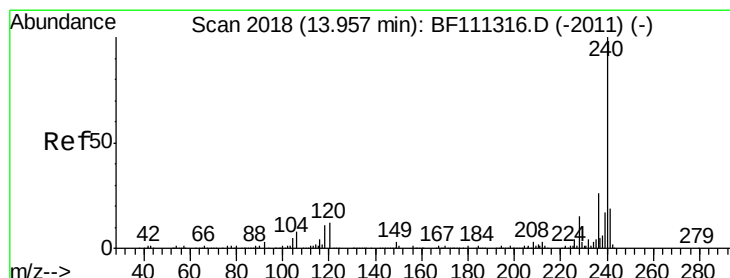
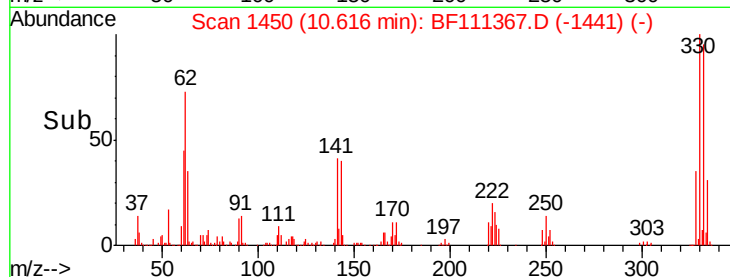
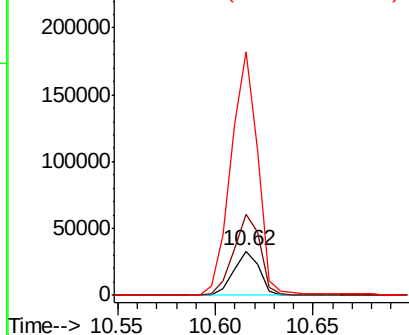
#67
 4-Bromophenyl-phenylether
 Concen: 3.243 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF111367.D
 Acq: 13 Dec 2018 13:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 30477
 Ion Ratio Lower Upper
 248 100
 250 182.5 77.0 115.4#
 141 548.6 63.0 94.6#

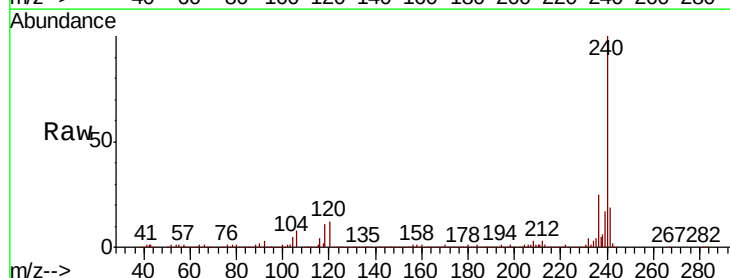


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

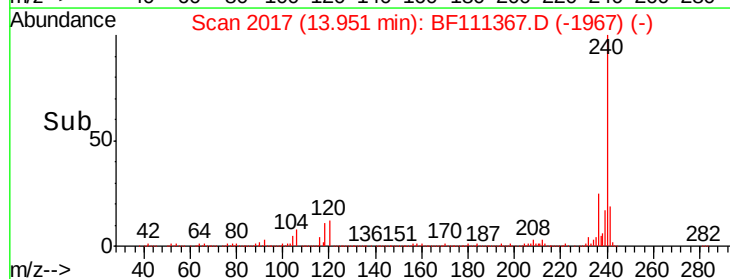
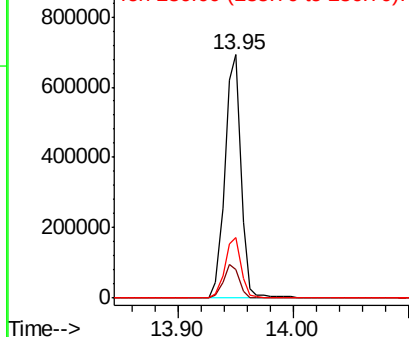


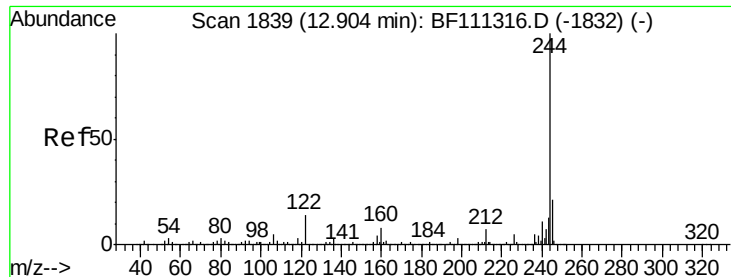
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF111367.D
 Acq: 13 Dec 2018 13:34

Tgt Ion:240 Resp: 671497
 Ion Ratio Lower Upper
 240 100
 120 11.7 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: 70.530 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF111367.D

Acq: 13 Dec 2018 13:34

Instrument :

BNA_F

ClientSampled :

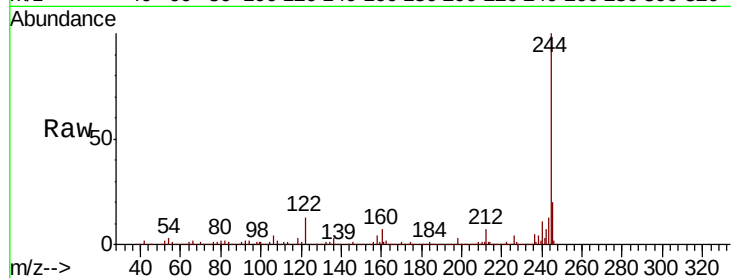
Tot Ion:244 Resp: 2151834

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

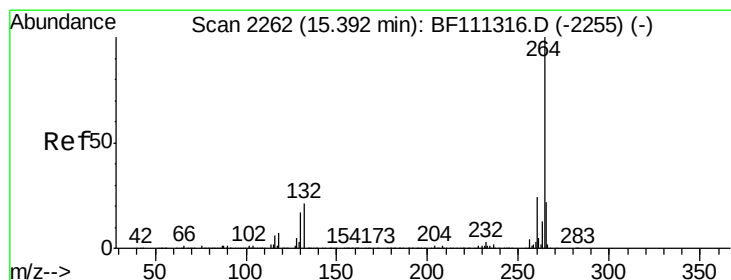
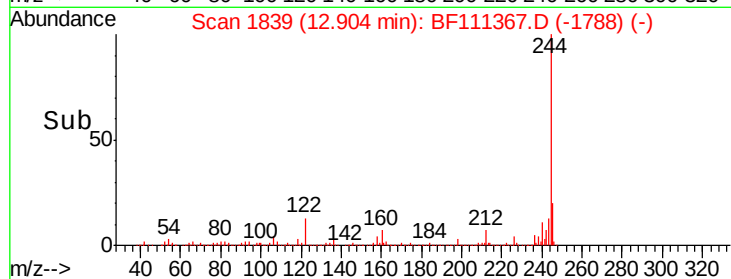
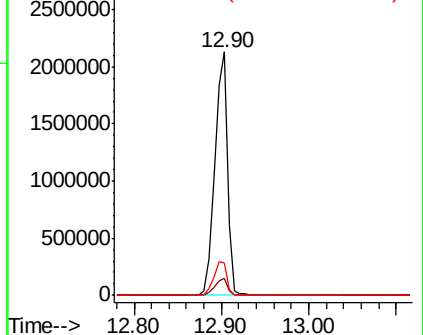
122 13.1 13.1 19.7



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: 15.39 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BF111367.D

Acq: 13 Dec 2018 13:34

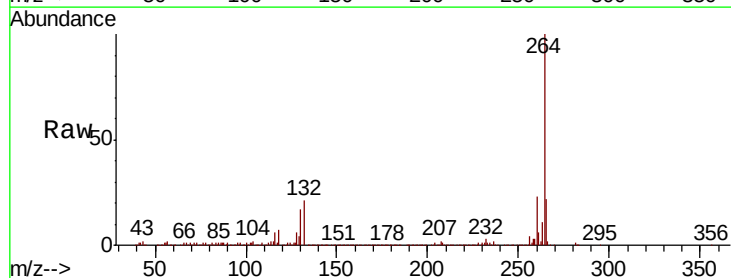
Tgt Ion:264 Resp: 541169

Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 21.9 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

