

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120518\
 Data File : BF111124.D
 Acq On : 5 Dec 2018 23:06
 Operator : JU/SJ
 Sample : J6192-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-120318

Quant Time: Dec 06 01:09:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	484010	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1894939	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	839966	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1253318	20.00	ng	0.00
76) Chrysene-d12	13.95	240	894119	20.00	ng	0.00
87) Perylene-d12	15.39	264	634694	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	3226477	104.02	ng	0.00
7) Phenol-d6	6.43	99	4121585	103.15	ng	0.00
23) Nitrobenzene-d5	7.36	82	2575243	80.46	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	667433	99.96	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3568680	77.35	ng	0.00
79) Terphenyl-d14	12.91	244	2424898	55.54	ng	0.00

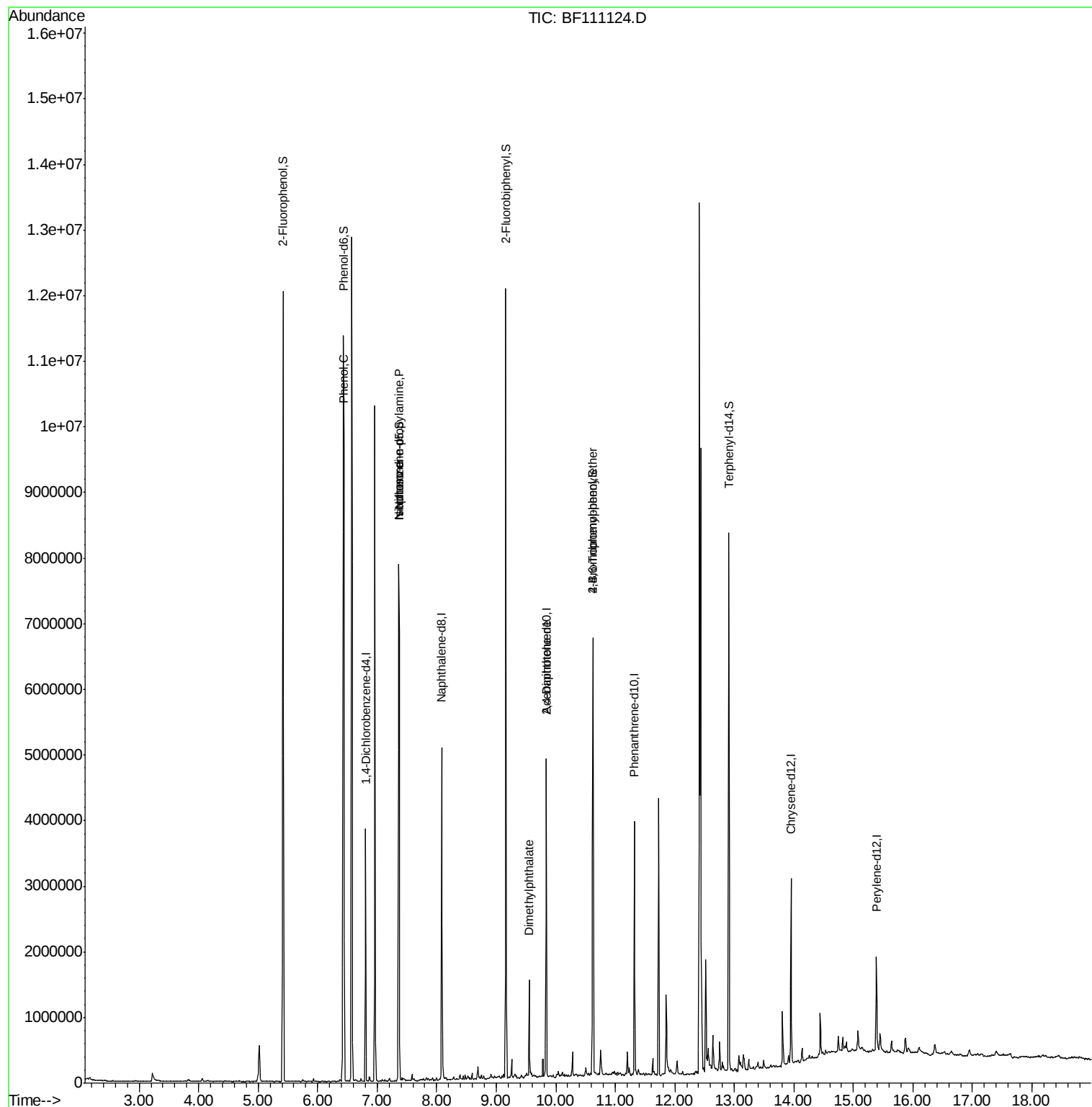
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	10345	Below Cal		# 3
10) Phenol	6.45	94	287255	6.594	ng	96
19) n-Nitroso-di-n-propylamine	7.36	70	352843	13.141	ng	# 76
25) Isophorone	7.36	82	2567445	43.708	ng	# 65
50) Dimethylphthalate	9.56	163	552541	9.452	ng	97
57) 2,4-Dinitrotoluene	9.84	165	110032	6.874	ng	# 23
67) 4-Bromophenyl-phenylether	10.62	248	45925	3.462	ng	# 1
77) Benzidine	12.43	184	1119	Below Cal		# 1

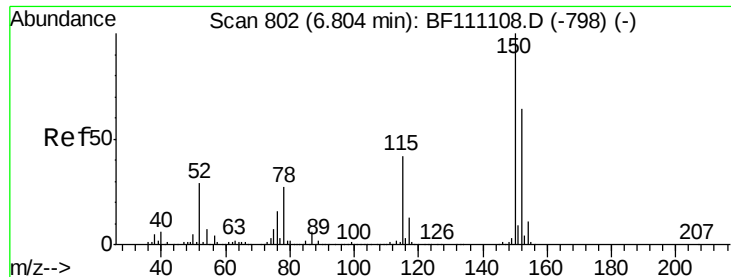
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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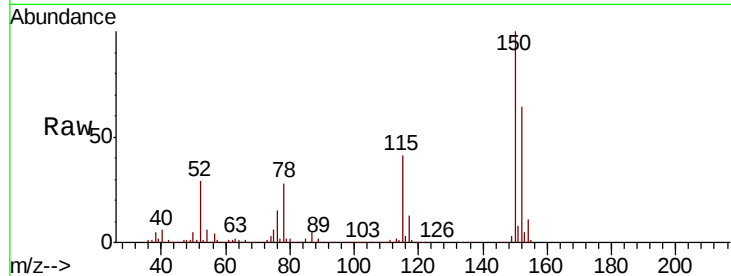


#1

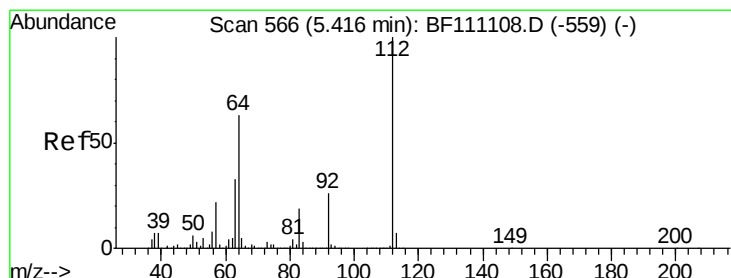
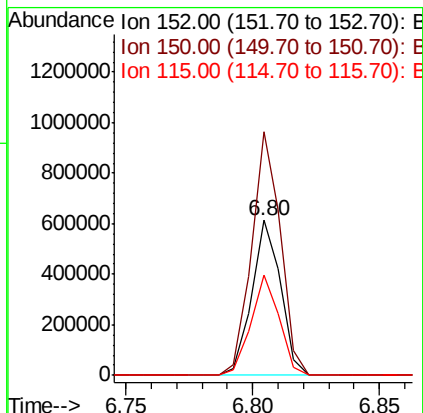
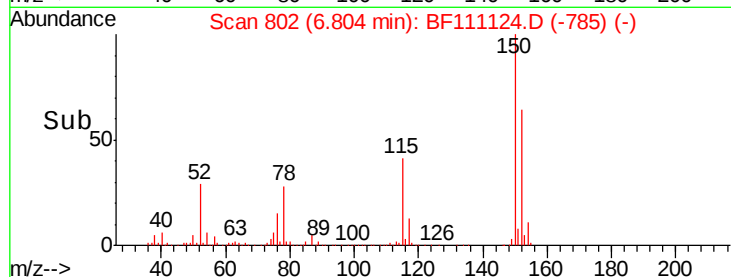
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111124.D
Acq: 5 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
HD-02-120318

Tgt Ion:152 Resp: 484010
Ion Ratio Lower Upper
152 100
150 157.3 124.6 187.0
115 64.5 52.2 78.2



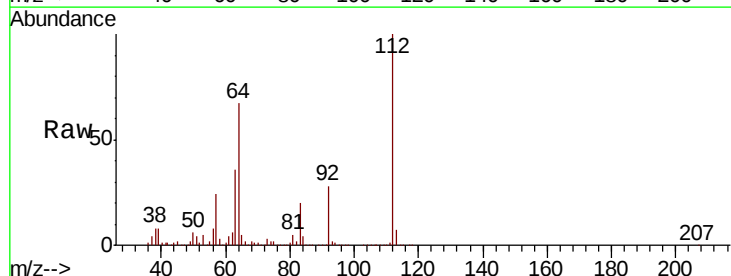
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



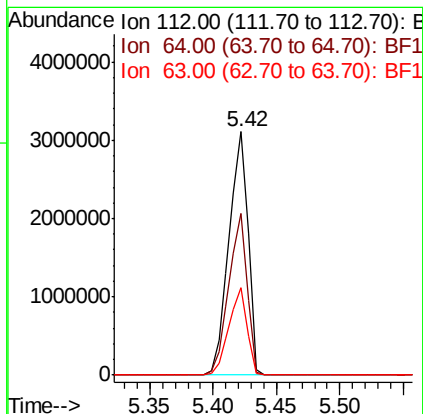
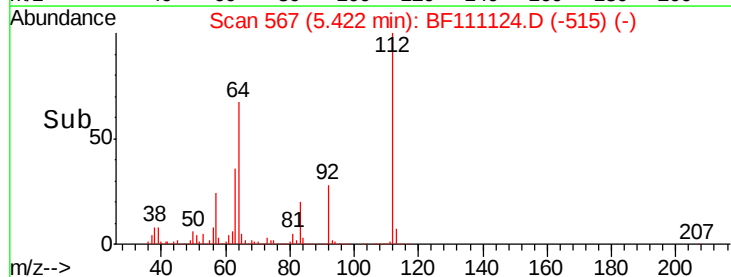
#5

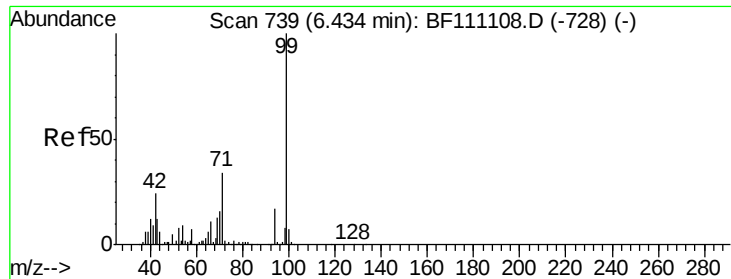
2-Fluorophenol
Concen: 104.022 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111124.D
Acq: 5 Dec 2018 23:06

Tgt Ion:112 Resp: 3226477
Ion Ratio Lower Upper
112 100
64 66.6 50.2 75.4
63 35.9 26.6 39.8



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: 103.154 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111124.D

Acq: 5 Dec 2018 23:06

Instrument :

BNA_F

ClientSampleId :

HD-02-120318

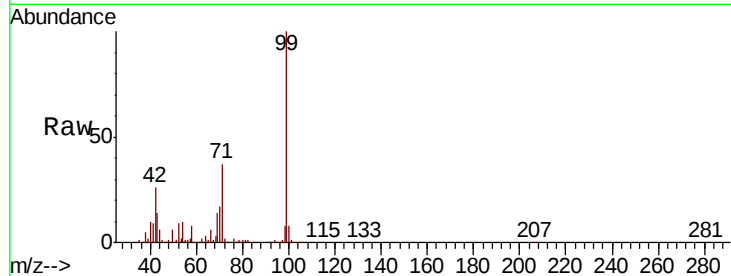
Tgt Ion: 99 Resp: 4121585

Ion Ratio Lower Upper

99 100

42 26.4 19.3 28.9

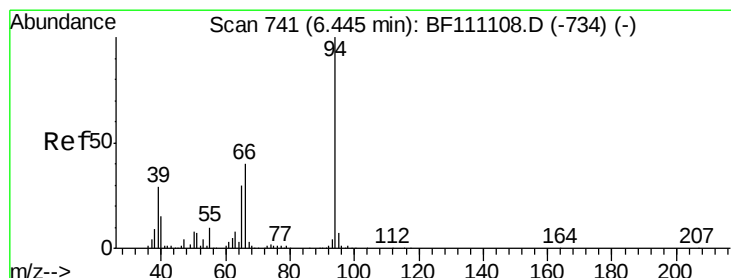
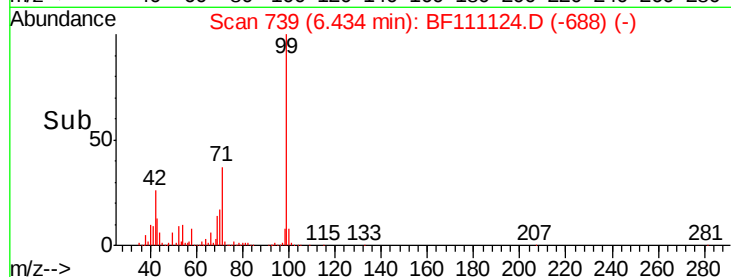
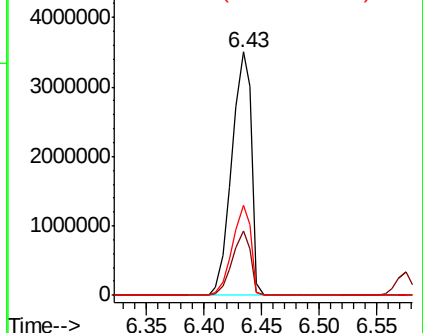
71 37.1 27.4 41.2



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: 6.594 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111124.D

Acq: 5 Dec 2018 23:06

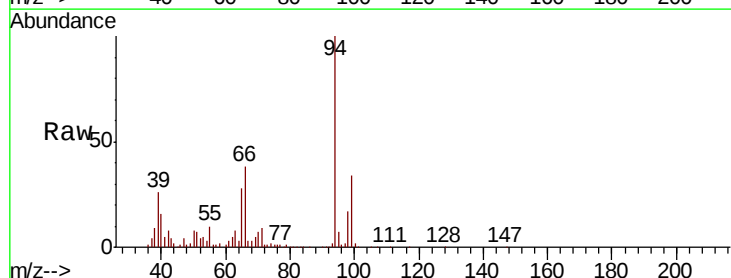
Tgt Ion: 94 Resp: 287255

Ion Ratio Lower Upper

94 100

65 28.0 10.5 50.5

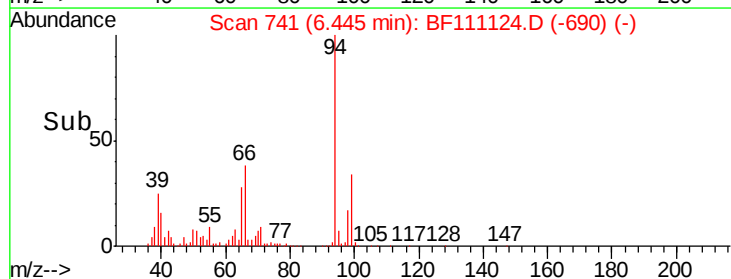
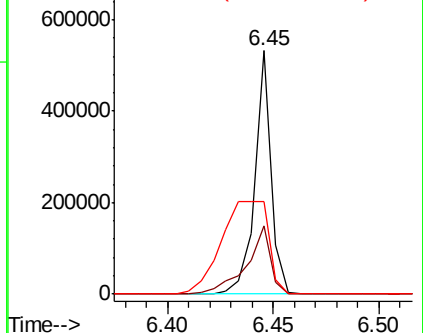
66 38.0 19.8 59.8

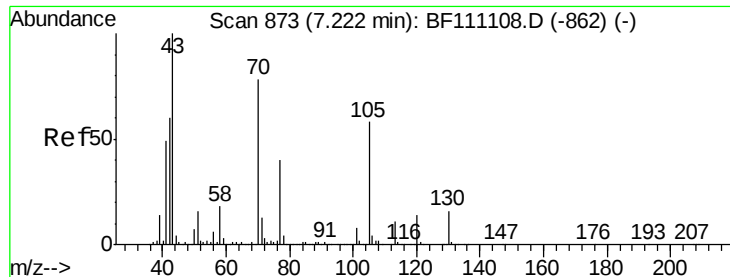


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

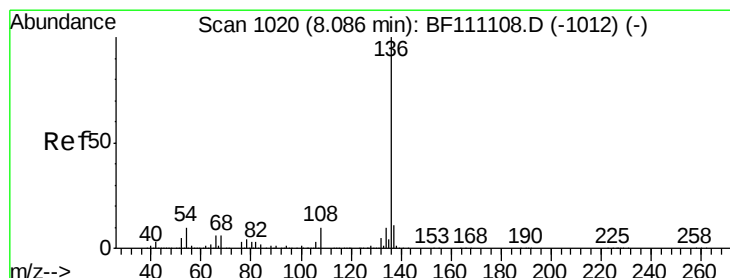
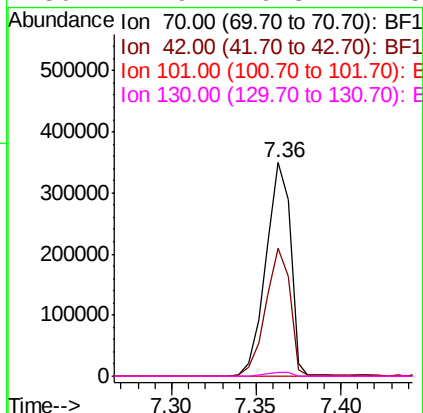
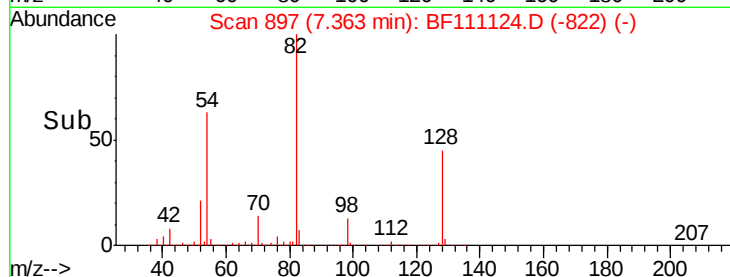
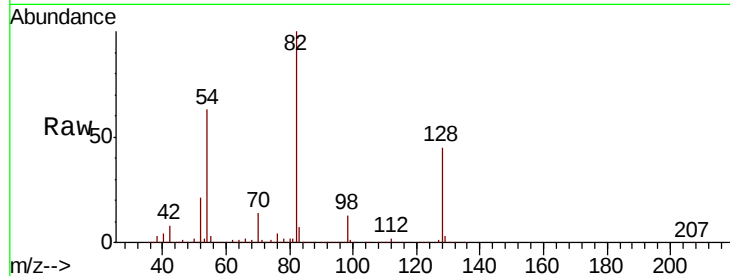




#19
n-Nitroso-di-n-propylamine
Concen: 13.141 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111124.D
Acq: 5 Dec 2018 23:06

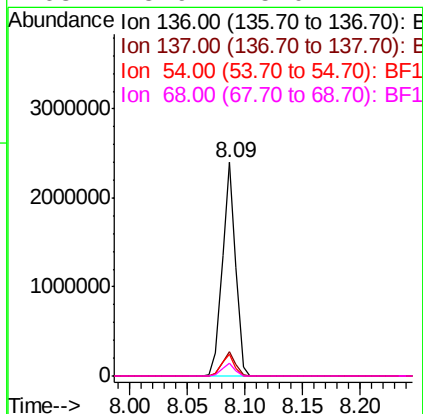
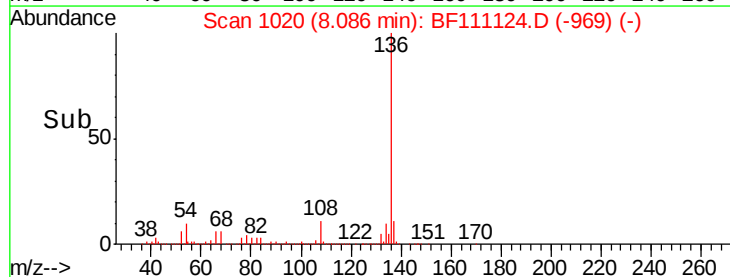
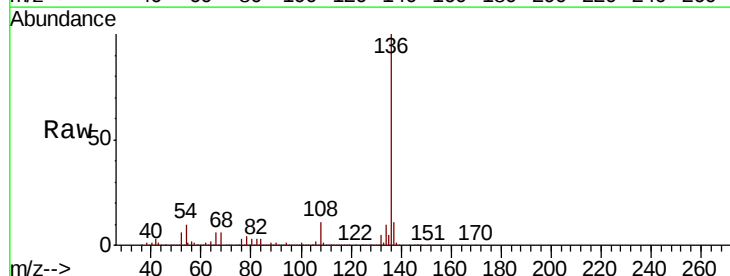
Instrument :
BNA_F
ClientSampleId :
HD-02-120318

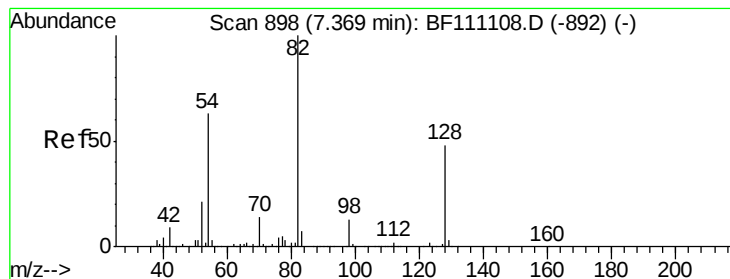
Tgt Ion: 70 Resp: 352843
Ion Ratio Lower Upper
70 100
42 60.2 61.3 91.9#
101 0.0 7.7 11.5#
130 1.9 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111124.D
Acq: 5 Dec 2018 23:06

Tgt Ion: 136 Resp: 1894939
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 10.2 8.4 12.6
68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 80.458 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF111124.D

Acq: 5 Dec 2018 23:06

Instrument :

BNA_F

ClientSampleId :

HD-02-120318

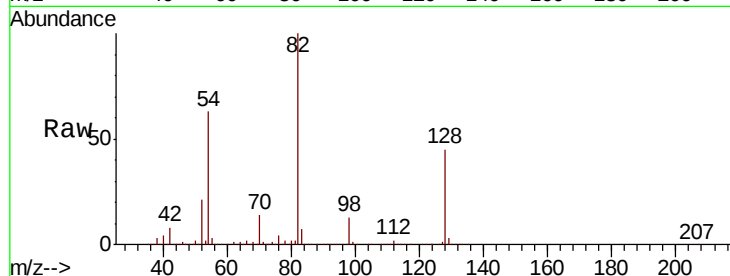
Tgt Ion: 82 Resp: 2575243

Ion Ratio Lower Upper

82 100

128 45.4 38.1 57.1

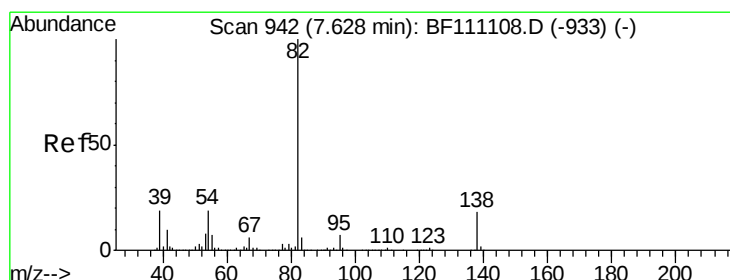
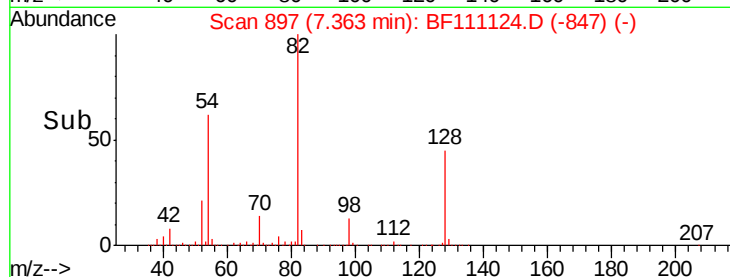
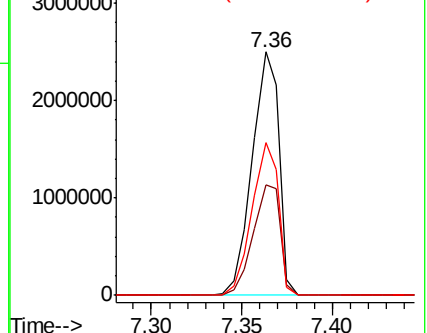
54 62.5 50.3 75.5



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: 43.708 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF111124.D

Acq: 5 Dec 2018 23:06

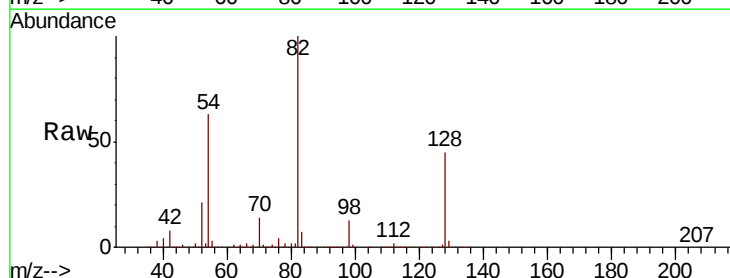
Tgt Ion: 82 Resp: 2567445

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

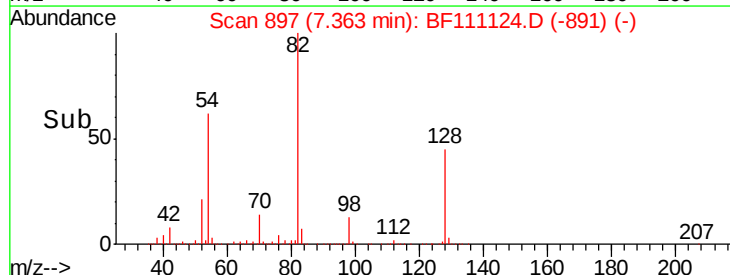
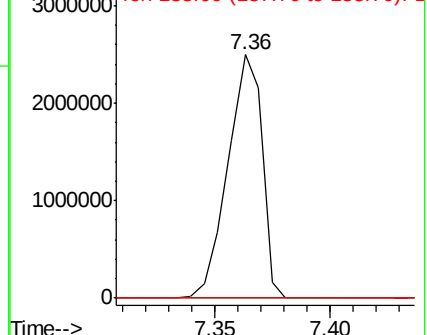
138 0.0 14.6 22.0#

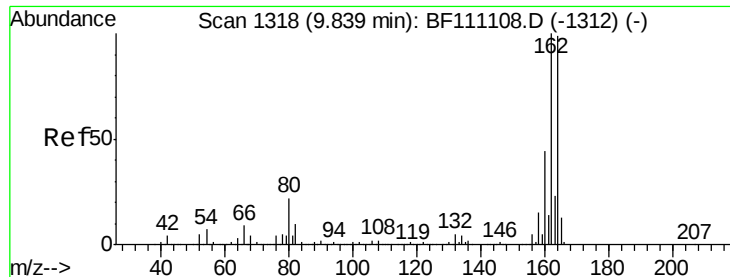


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

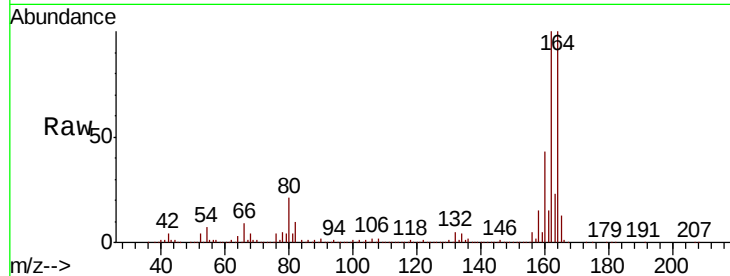




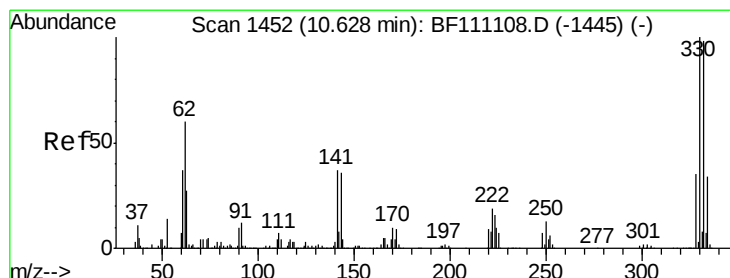
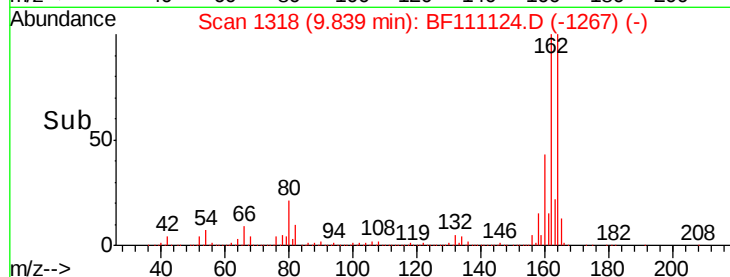
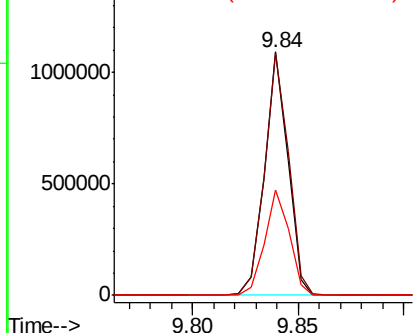
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF111124.D
 Acq: 5 Dec 2018 23:06

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-120318

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.6	120.8
160	43.2	35.5	53.3

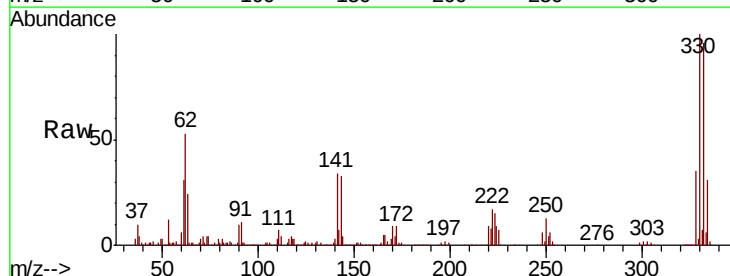


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

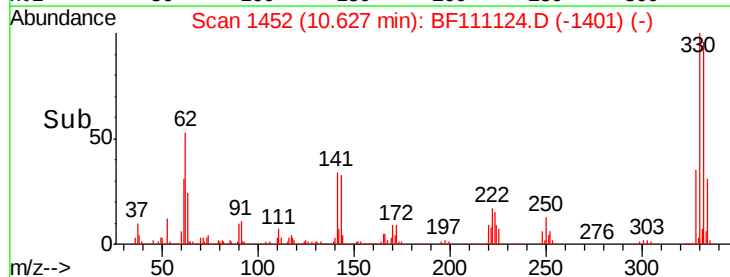
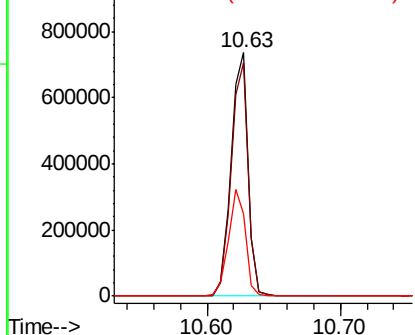


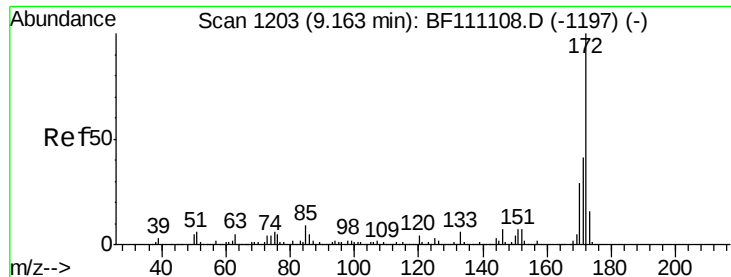
#42
 2,4,6-Tribromophenol
 Concen: 99.963 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF111124.D
 Acq: 5 Dec 2018 23:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.2	115.8
141	43.8	36.1	54.1



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

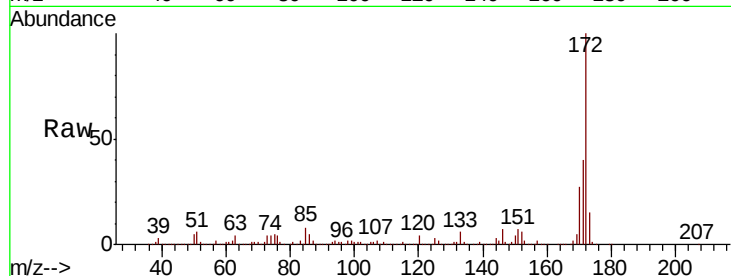




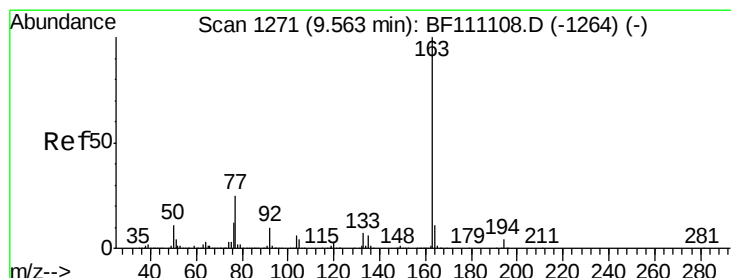
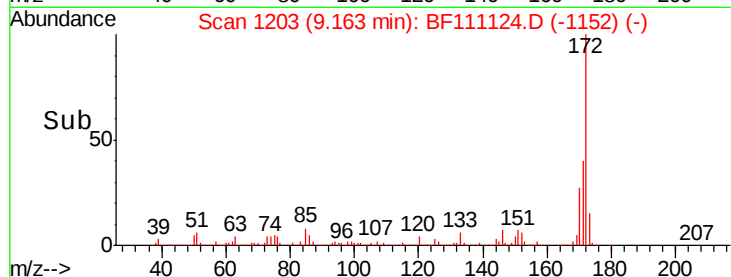
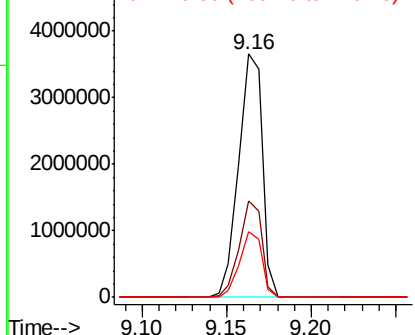
#45
2-Fluorobiphenyl
Concen: 77.351 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111124.D
Acq: 5 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
HD-02-120318

Tgt Ion:172 Resp: 3568680
Ion Ratio Lower Upper
172 100
171 39.6 33.2 49.8
170 27.0 22.9 34.3

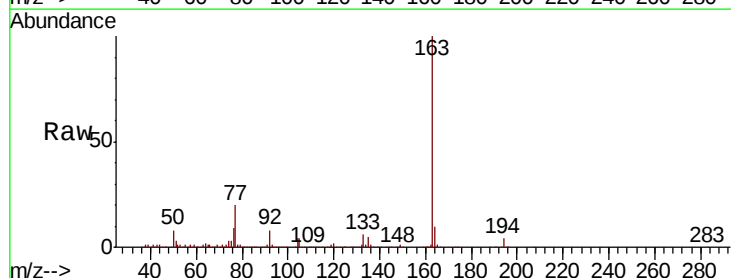


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

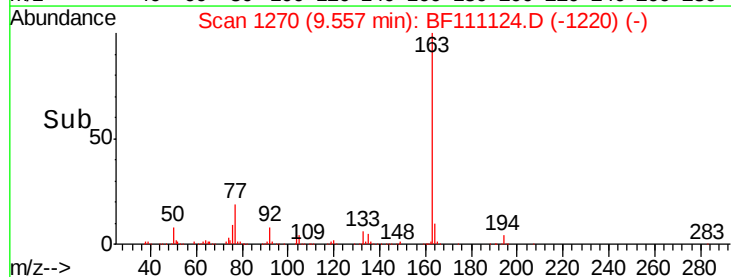
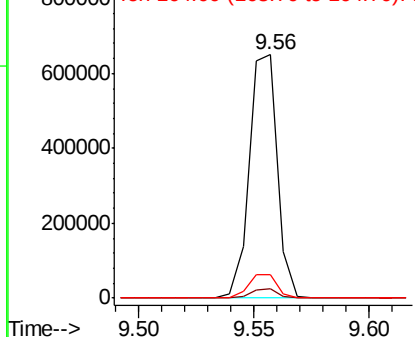


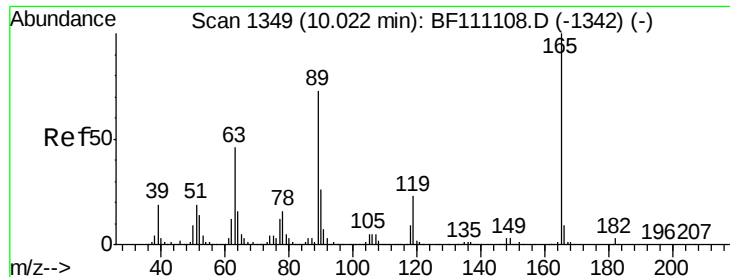
#50
Dimethylphthalate
Concen: 9.452 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF111124.D
Acq: 5 Dec 2018 23:06

Tgt Ion:163 Resp: 552541
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.8 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

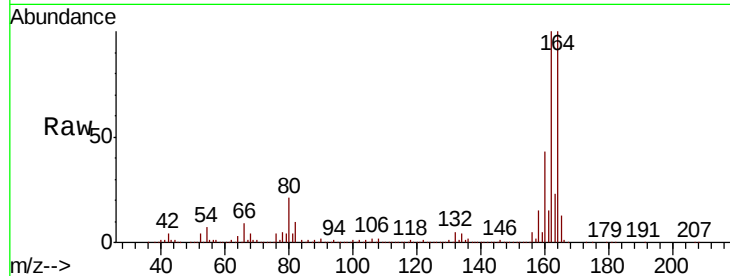




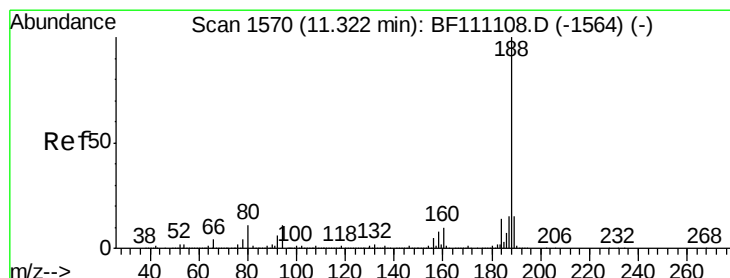
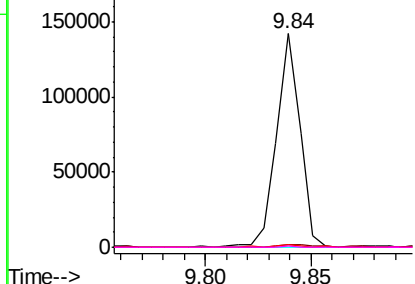
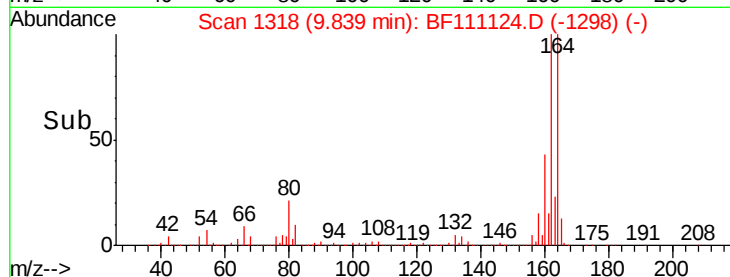
#57
2,4-Dinitrotoluene
Concen: 6.874 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF111124.D
Acq: 5 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
HD-02-120318

Tgt Ion:165 Resp: 110032
Ion Ratio Lower Upper
165 100
63 1.0 36.7 55.1#
89 1.2 58.4 87.6#
182 0.5 2.1 3.1#

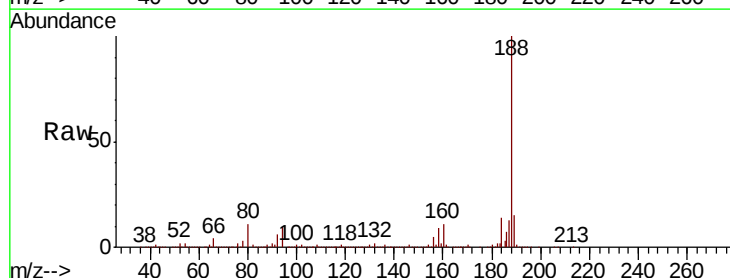


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

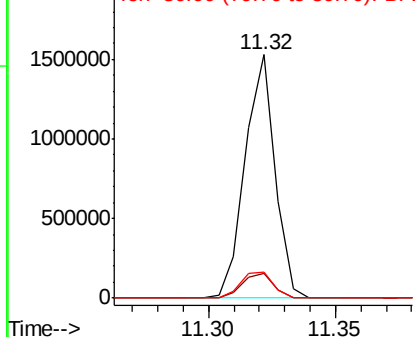
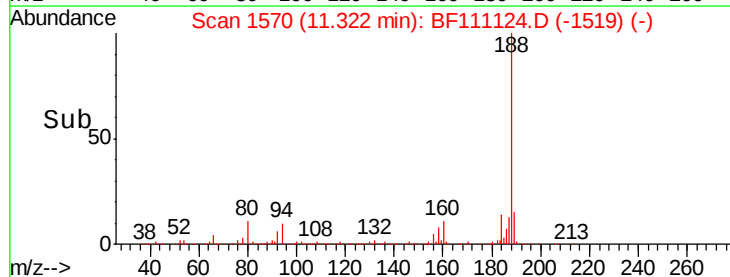


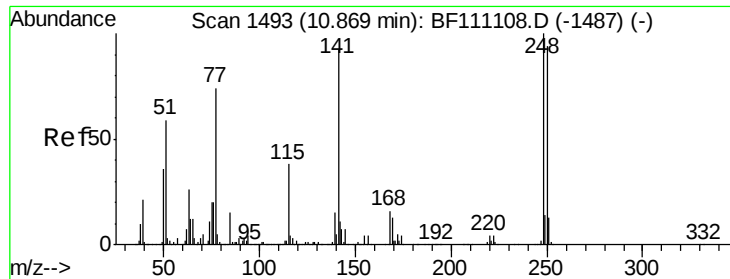
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111124.D
Acq: 5 Dec 2018 23:06

Tgt Ion:188 Resp: 1253318
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.6 9.0 13.6



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

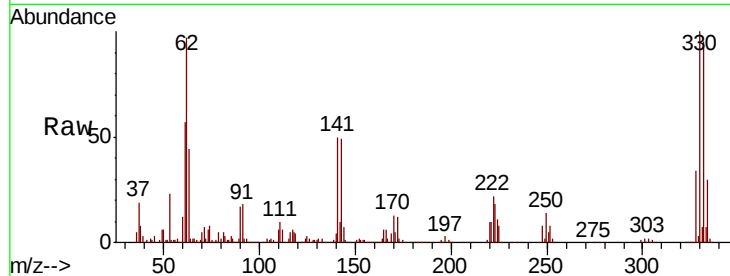




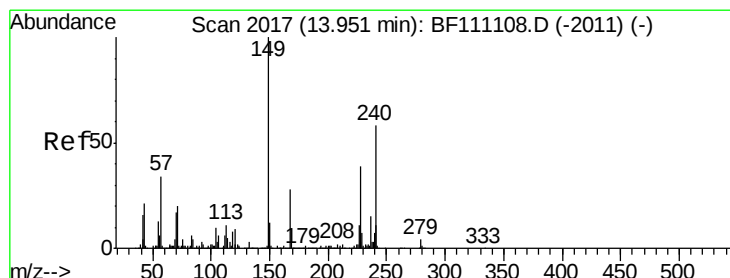
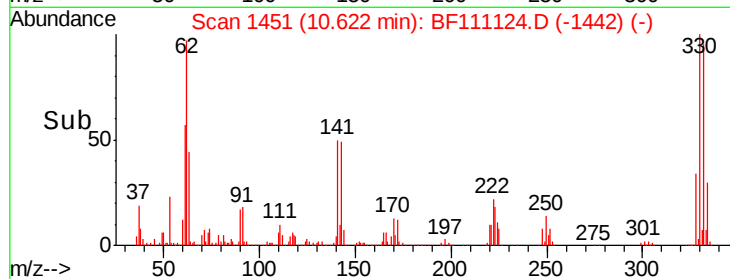
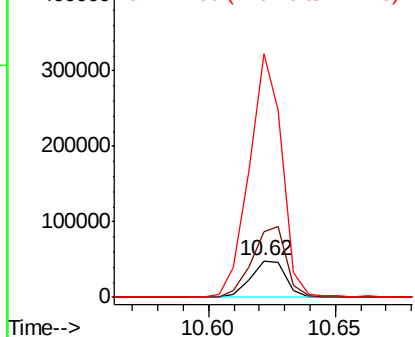
#67
4-Bromophenyl-phenylether
Concen: 3.462 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF111124.D
Acq: 5 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
HD-02-120318

Tgt Ion:248 Resp: 45925
Ion Ratio Lower Upper
248 100
250 182.5 75.4 113.0#
141 670.3 73.8 110.6#

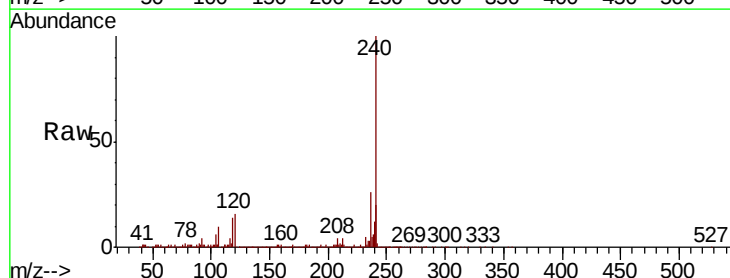


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

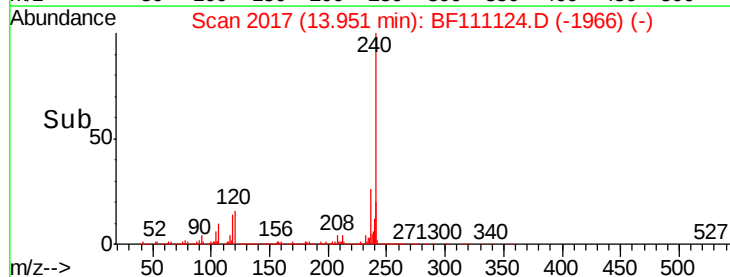
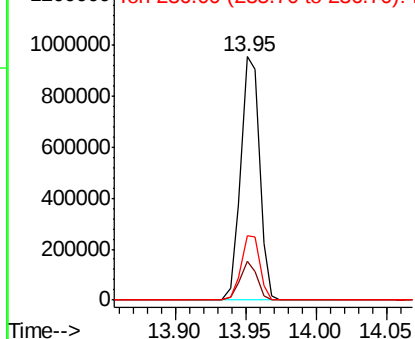


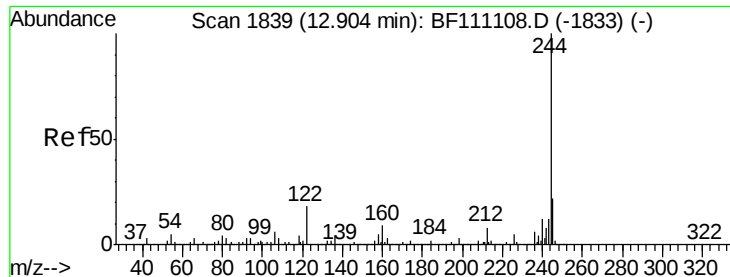
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF111124.D
Acq: 5 Dec 2018 23:06

Tgt Ion:240 Resp: 894119
Ion Ratio Lower Upper
240 100
120 15.8 12.8 19.2
236 26.4 21.1 31.7



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: 55.543 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111124.D

Acq: 5 Dec 2018 23:06

Instrument :

BNA_F

ClientSampleId :

HD-02-120318

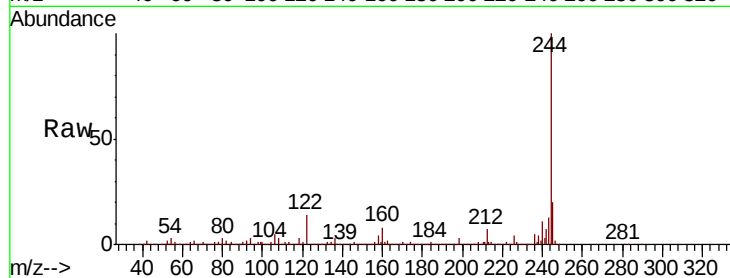
Tgt Ion:244 Resp: 2424898

Ion Ratio Lower Upper

244 100

212 6.8 6.6 9.8

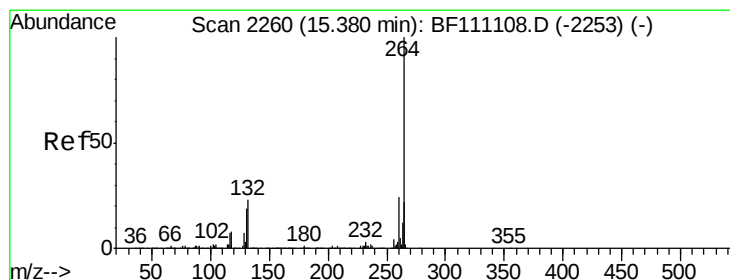
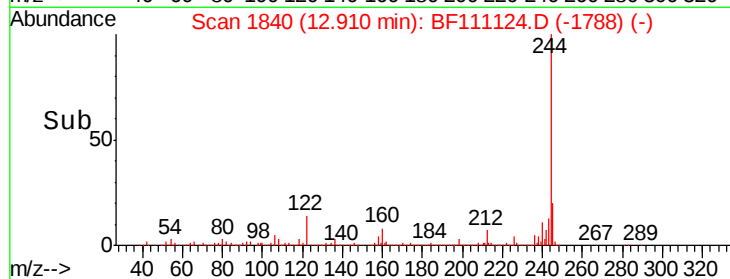
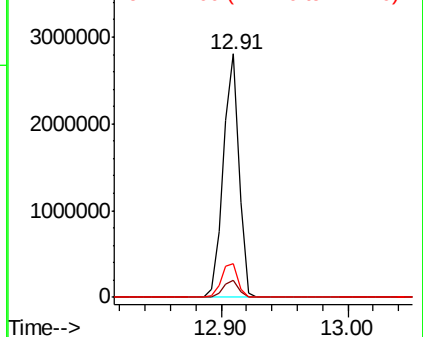
122 13.9 14.2 21.2#



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# 2262

Delta R.T. 0.01 min

Lab File: BF111124.D

Acq: 5 Dec 2018 23:06

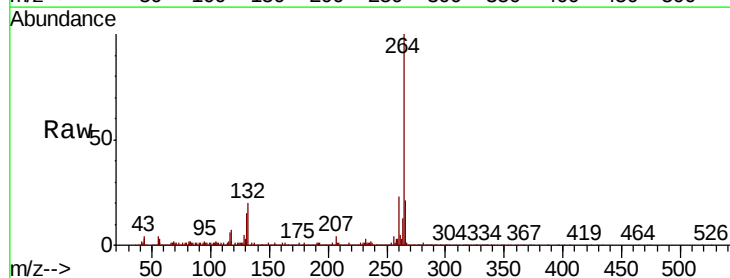
Tgt Ion:264 Resp: 634694

Ion Ratio Lower Upper

264 100

260 22.8 19.4 29.0

265 20.7 17.4 26.0



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

