

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111151.D
 Acq On : 6 Dec 2018 21:17
 Operator : JU/SJ
 Sample : J6204-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 21:55:02 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

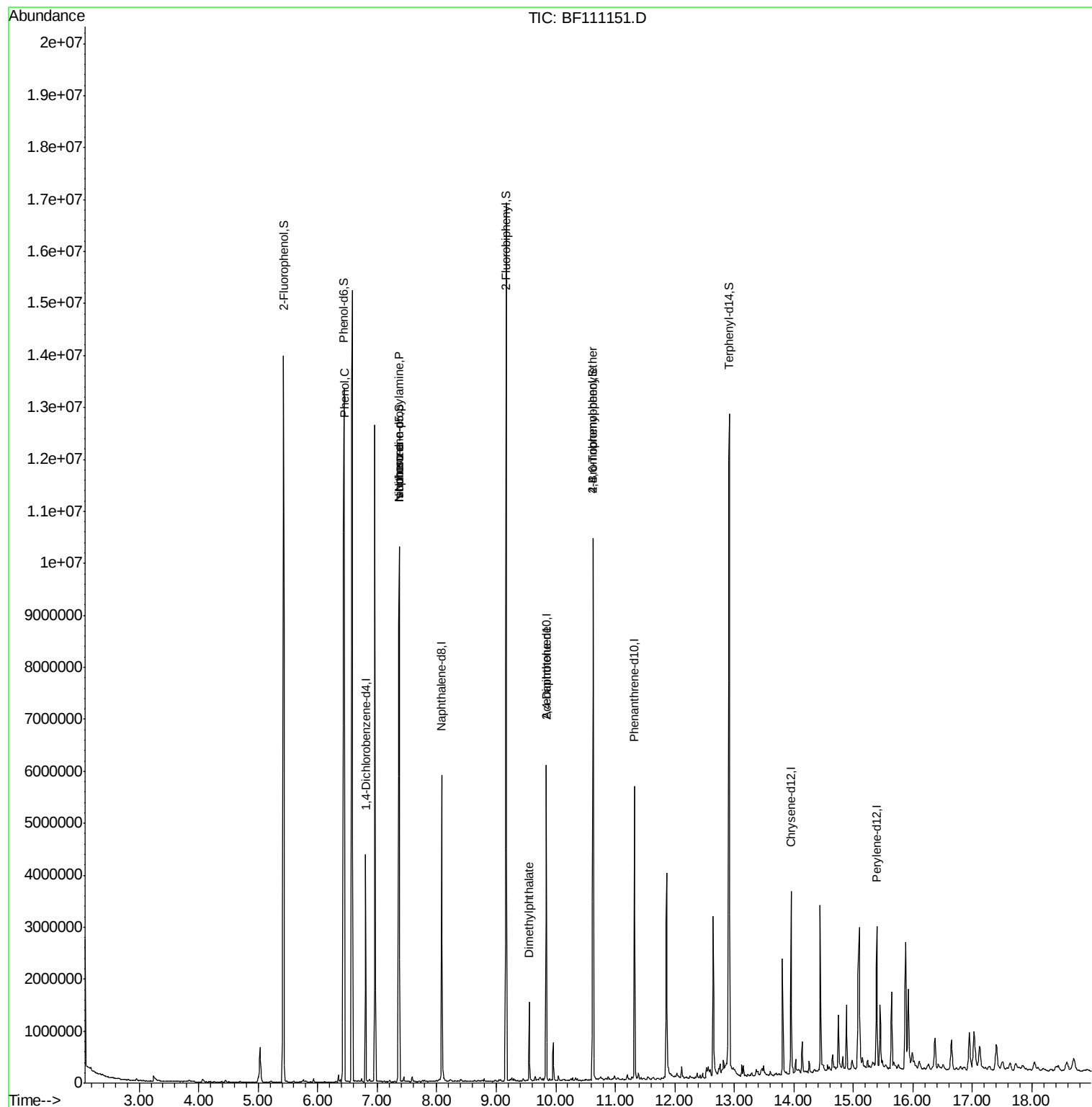
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	593116	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2290120	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1107895	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1814334	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1065118	20.00	ng	0.00
87) Perylene-d12	15.39	264	1158491	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	4210488	110.78	ng	0.01
7) Phenol-d6	6.44	99	5305418	108.36	ng	0.00
23) Nitrobenzene-d5	7.37	82	3449564	89.18	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1117427	126.89	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	5093579	85.12	ng	0.00
79) Terphenyl-d14	12.92	244	4361876	83.87	ng	0.01
Target Compounds						
9) Benzaldehyde	6.35	77	25228	Below Cal		Qvalue 92
10) Phenol	6.45	94	417233	7.815	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	492751	14.975	ng	# 72
25) Isophorone	7.37	82	3437297	48.419	ng	# 65
50) Dimethylphthalate	9.56	163	607438	7.878	ng	98
57) 2,4-Dinitrotoluene	9.84	165	142972	6.772	ng	# 23
67) 4-Bromophenyl-phenylether	10.63	248	77618	4.041	ng	# 1

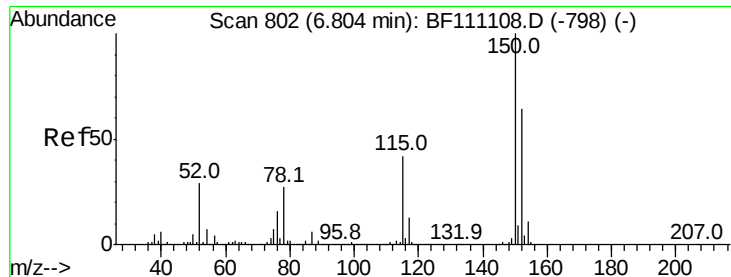
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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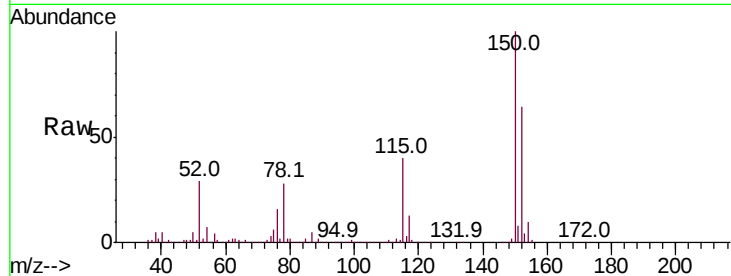


#1

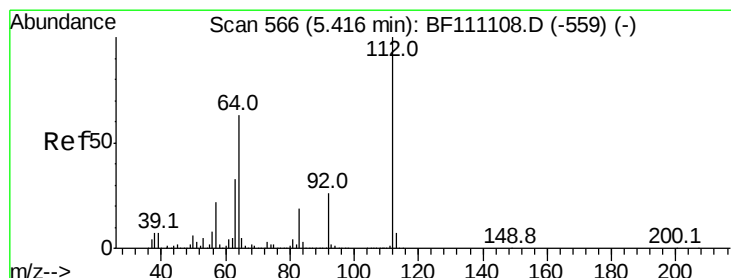
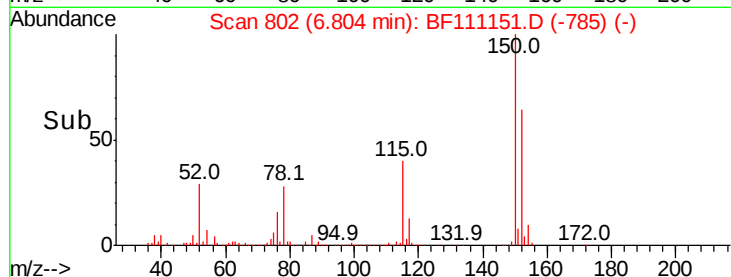
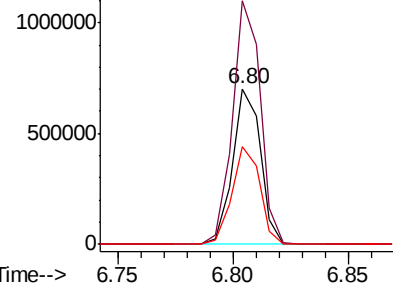
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111151.D
Acq: 6 Dec 2018 21:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 593116
Ion Ratio Lower Upper
152 100
150 156.6 124.6 187.0
115 63.1 52.2 78.2



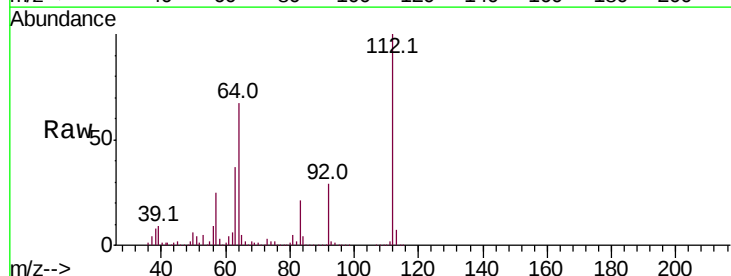
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



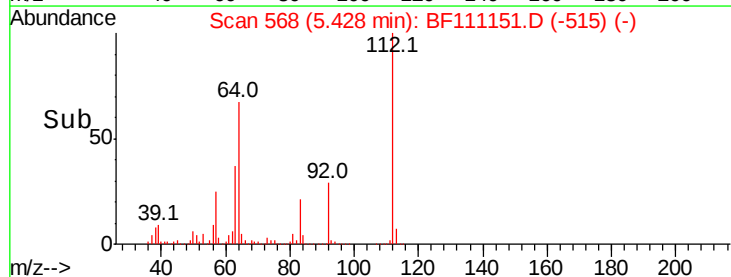
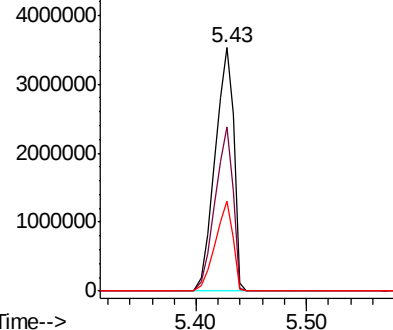
#5

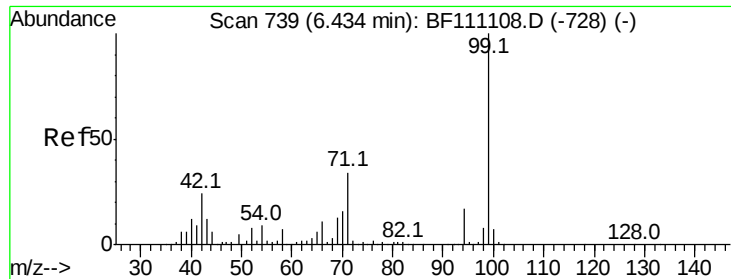
2-Fluorophenol
Concen: 110.776 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111151.D
Acq: 6 Dec 2018 21:17

Tgt Ion:112 Resp: 4210488
Ion Ratio Lower Upper
112 100
64 67.2 50.2 75.4
63 37.1 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: 108.357 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111151.D

Acq: 6 Dec 2018 21:17

Instrument :

BNA_F

ClientSampled :

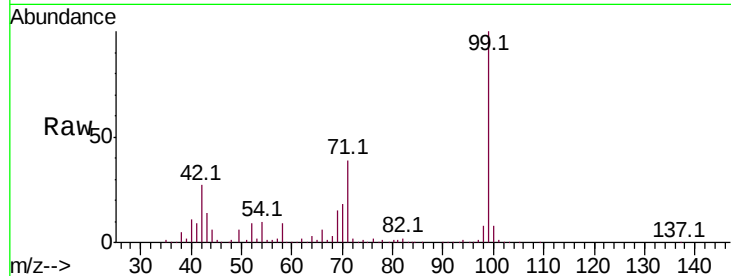
Tot Ion: 99 Resp: 5305418

Ion Ratio Lower Upper

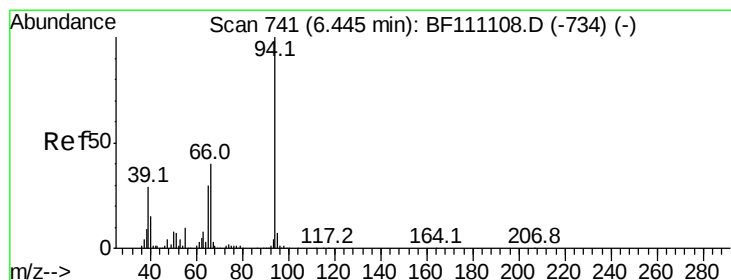
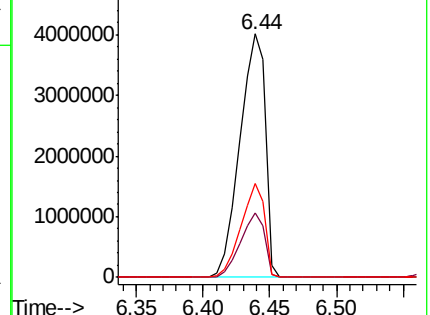
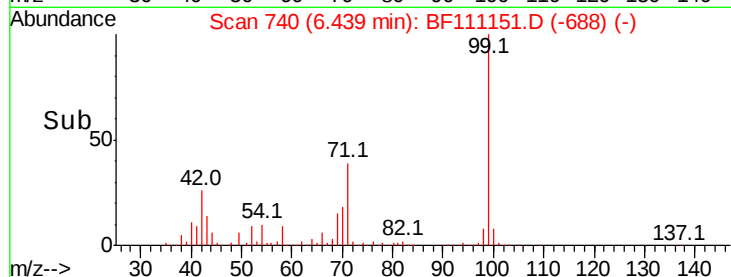
99 100

42 26.5 19.3 28.9

71 38.5 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: 7.815 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111151.D

Acq: 6 Dec 2018 21:17

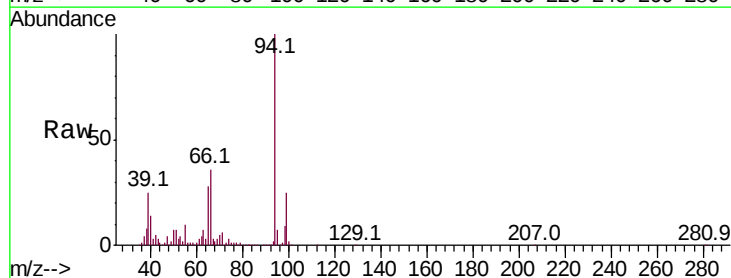
Tgt Ion: 94 Resp: 417233

Ion Ratio Lower Upper

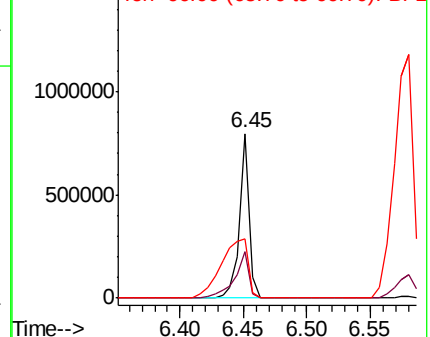
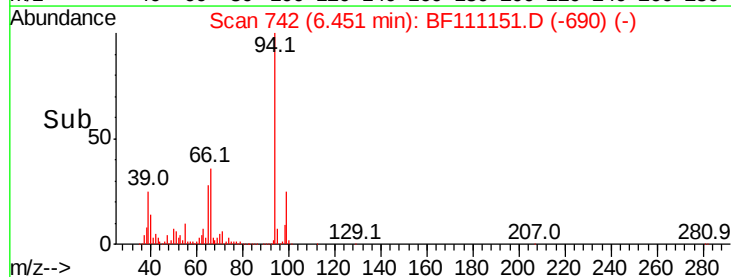
94 100

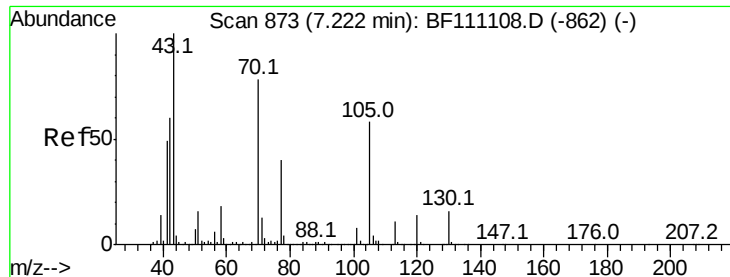
65 28.0 10.5 50.5

66 36.3 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

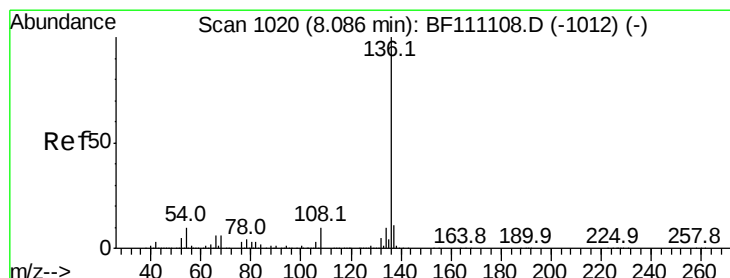
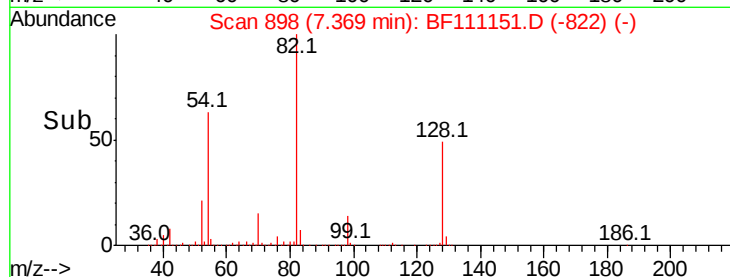
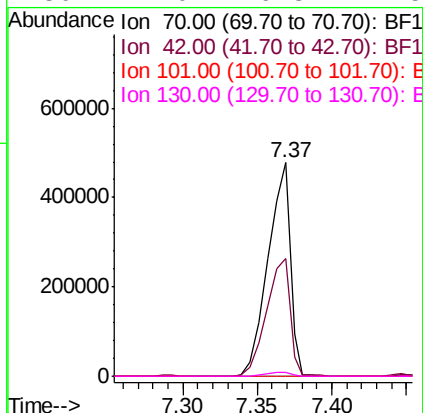
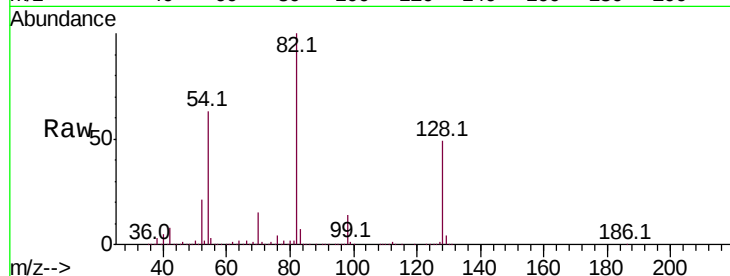




#19
n-Nitroso-di-n-propylamine
Concen: 14.975 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF111151.D
Acq: 6 Dec 2018 21:17

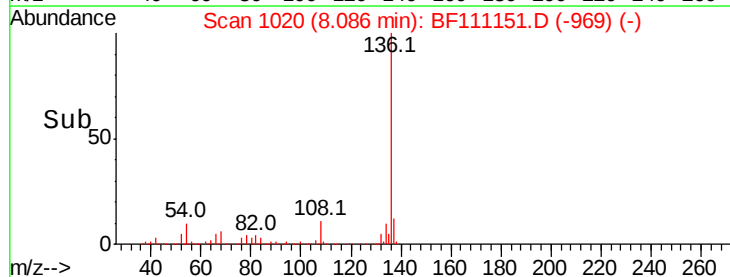
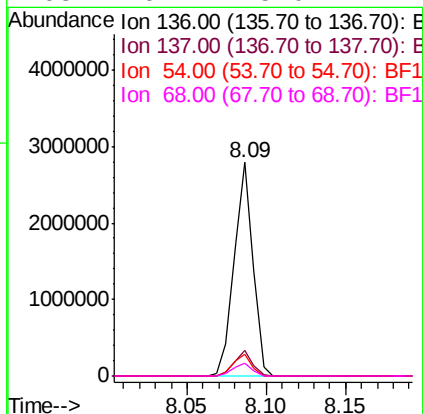
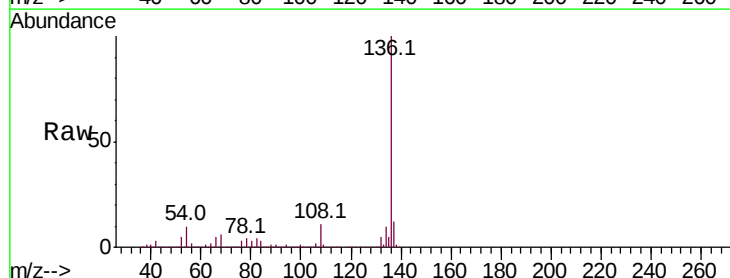
Instrument :
BNA_F
ClientSampleId :

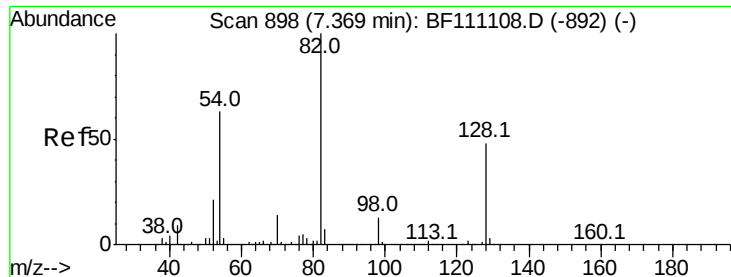
Tot Ion: 70 Resp: 492751
Ion Ratio Lower Upper
70 100
42 55.0 61.3 91.9#
101 0.0 7.7 11.5#
130 2.0 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111151.D
Acq: 6 Dec 2018 21:17

Tgt Ion: 136 Resp: 2290120
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.6
54 10.1 8.4 12.6
68 6.1 5.0 7.4



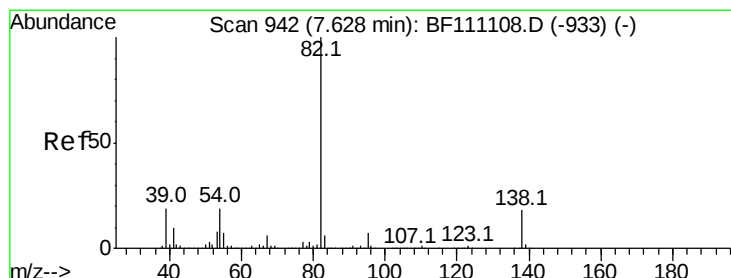
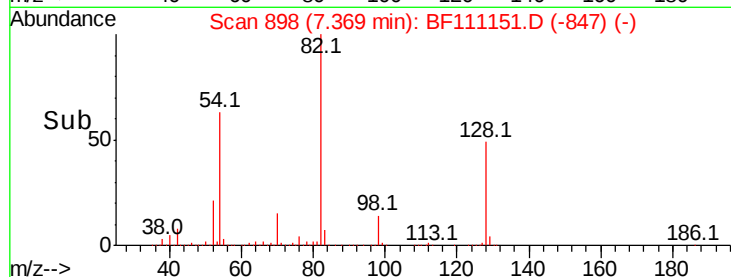
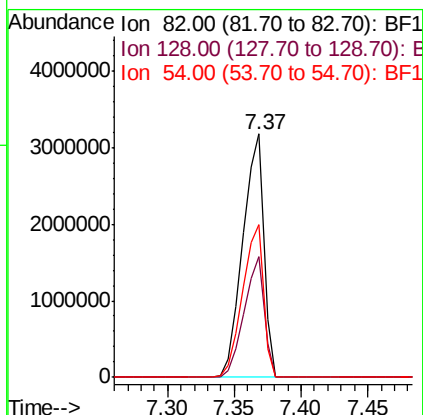
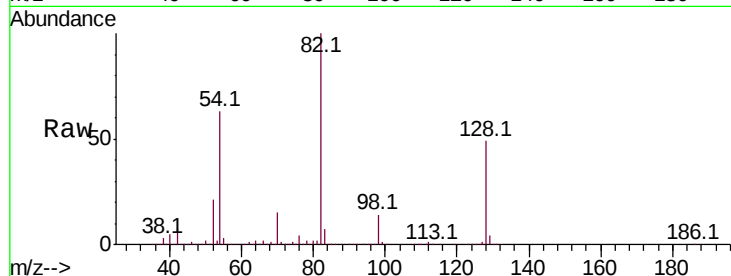


#23
 Nitrobenzene-d5
 Concen: 89.177 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF111151.D
 Acq: 6 Dec 2018 21:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 3449564

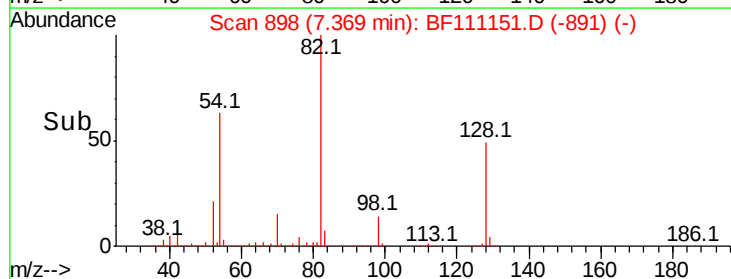
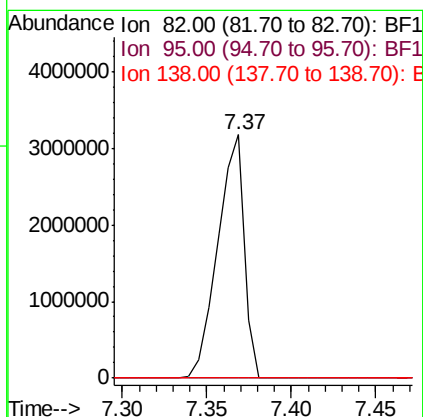
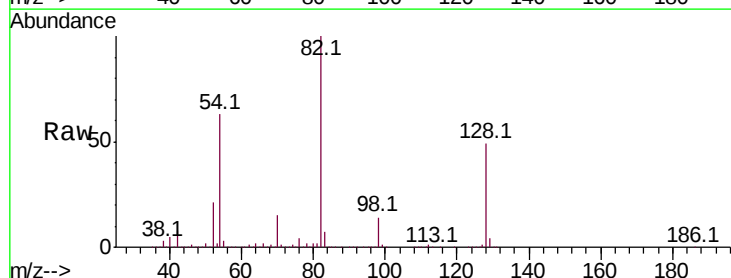
Ion	Ratio	Lower	Upper
82	100		
128	49.5	38.1	57.1
54	62.7	50.3	75.5

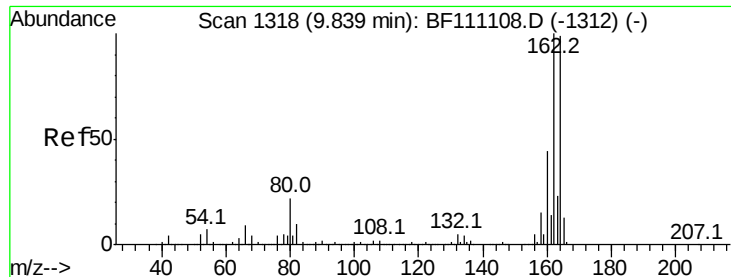


#25
 Isophorone
 Concen: 48.419 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.26 min
 Lab File: BF111151.D
 Acq: 6 Dec 2018 21:17

Tgt Ion: 82 Resp: 3437297

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#

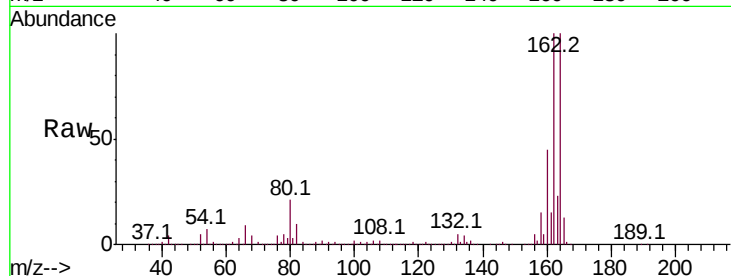




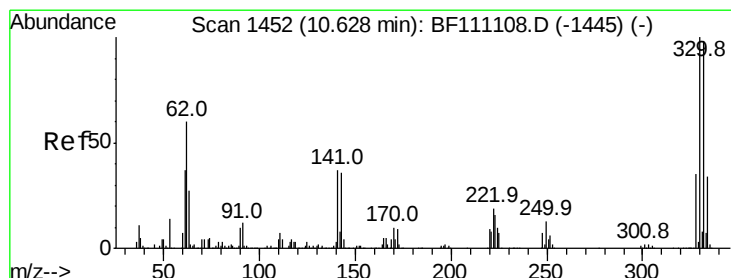
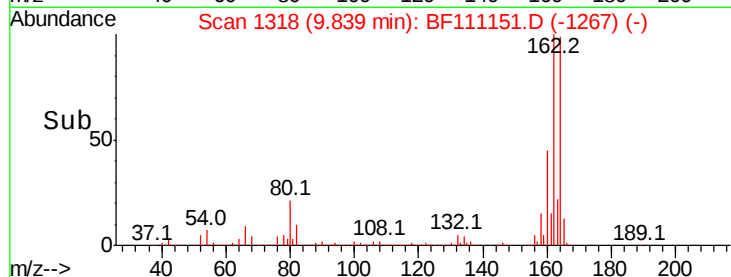
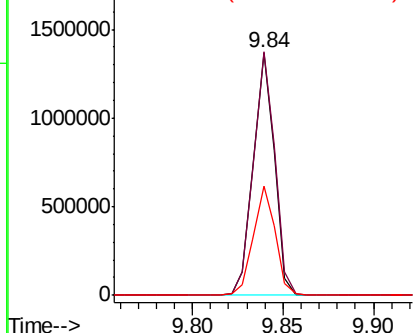
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111151.D
Acq: 6 Dec 2018 21:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 1107895
Ion Ratio Lower Upper
164 100
162 100.4 80.6 120.8
160 45.2 35.5 53.3

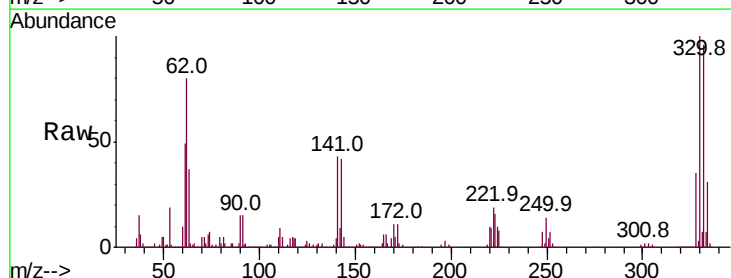


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

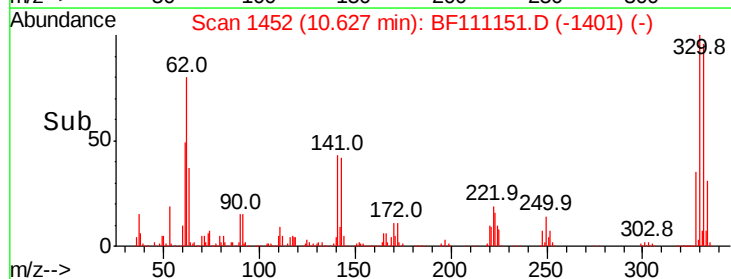
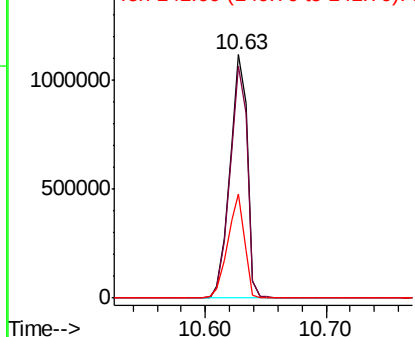


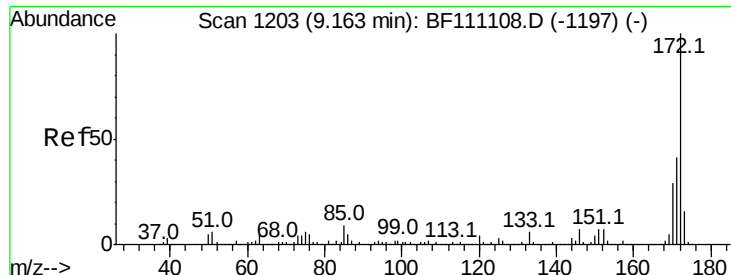
#42
2,4,6-Tribromophenol
Concen: 126.887 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111151.D
Acq: 6 Dec 2018 21:17

Tgt Ion:330 Resp: 1117427
Ion Ratio Lower Upper
330 100
332 95.5 77.2 115.8
141 41.2 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

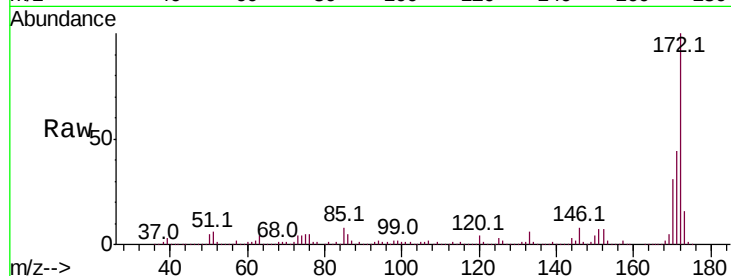




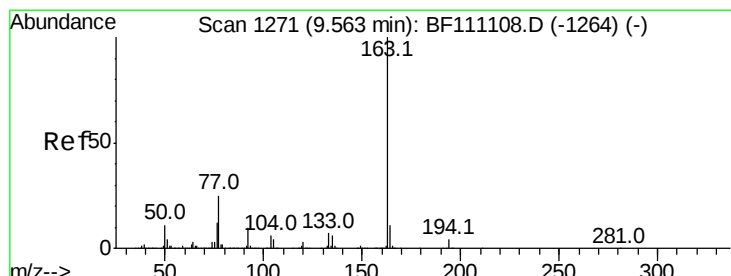
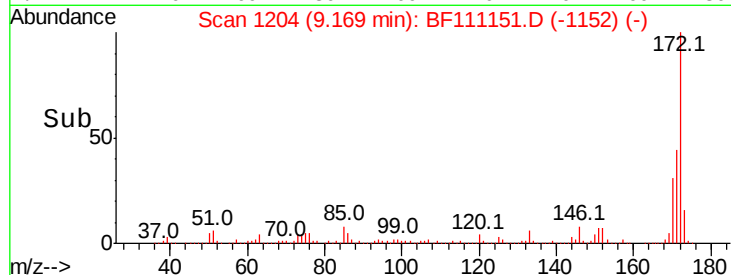
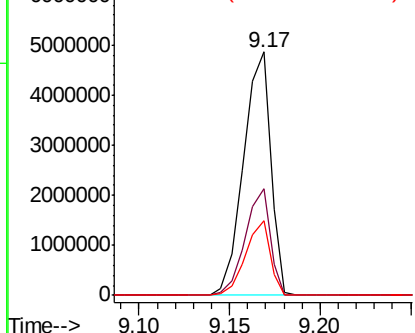
#45
2-Fluorobiphenyl
Concen: 85.124 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111151.D
Acq: 6 Dec 2018 21:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 5093579
Ion Ratio Lower Upper
172 100
171 43.6 33.2 49.8
170 30.6 22.9 34.3

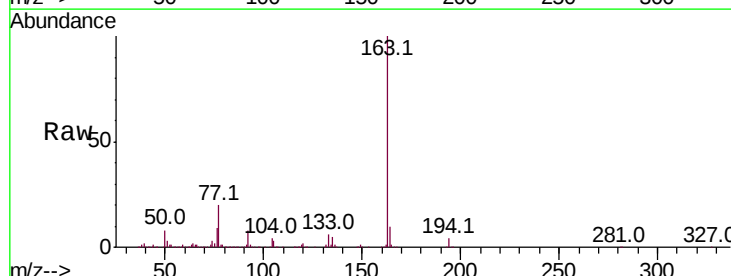


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

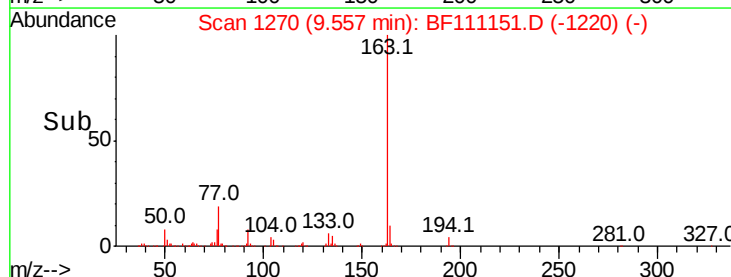
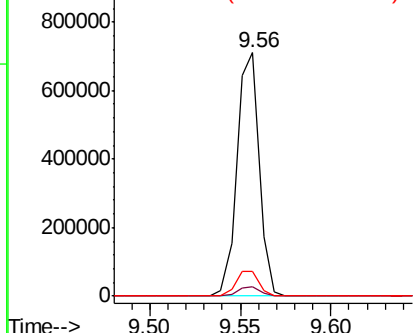


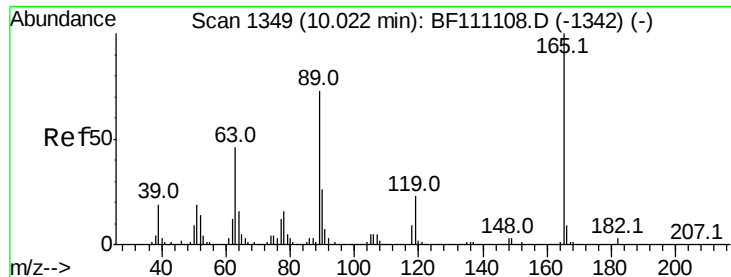
#50
Dimethylphthalate
Concen: 7.878 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF111151.D
Acq: 6 Dec 2018 21:17

Tgt Ion:163 Resp: 607438
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.2 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

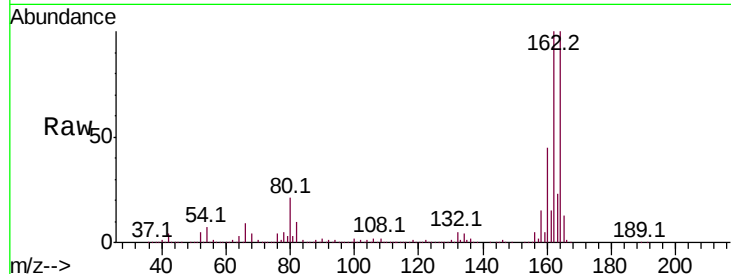




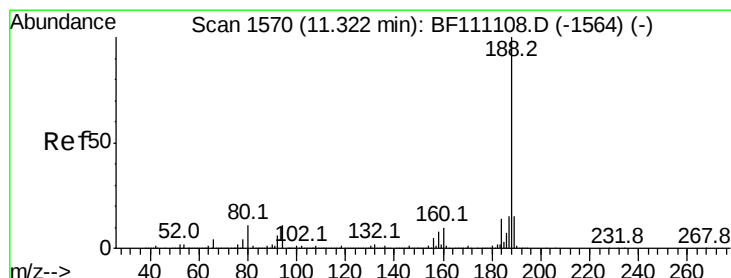
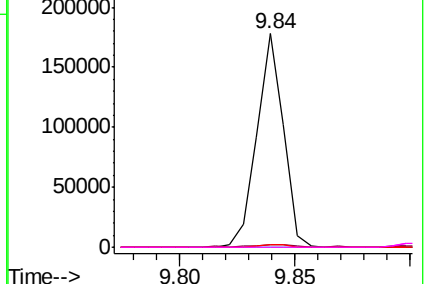
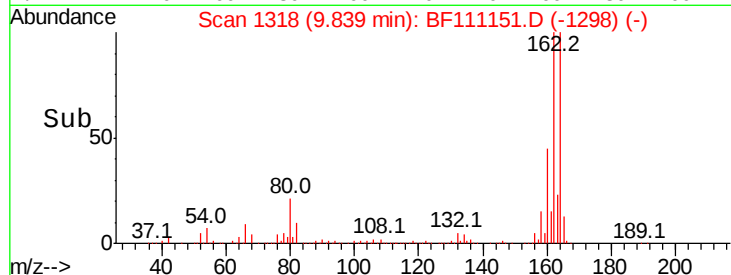
#57
 2,4-Dinitrotoluene
 Concen: 6.772 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.18 min
 Lab File: BF111151.D
 Acq: 6 Dec 2018 21:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 142972
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.7 55.1#
 89 1.1 58.4 87.6#
 182 0.0 2.1 3.1#

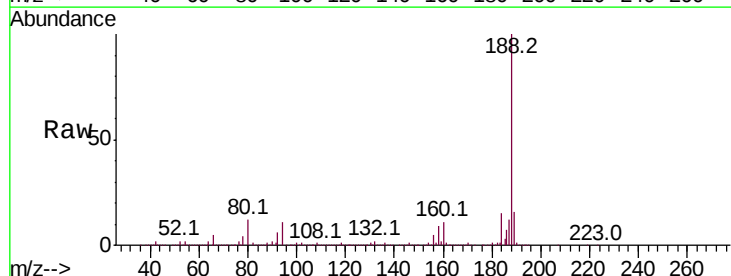


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

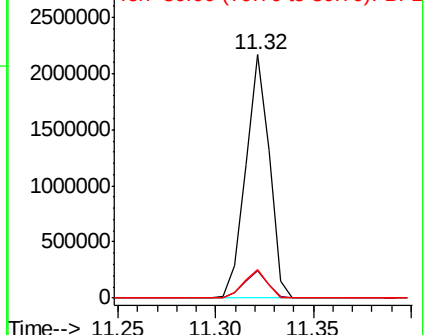
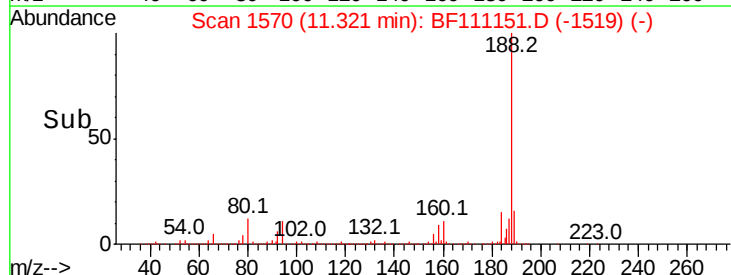


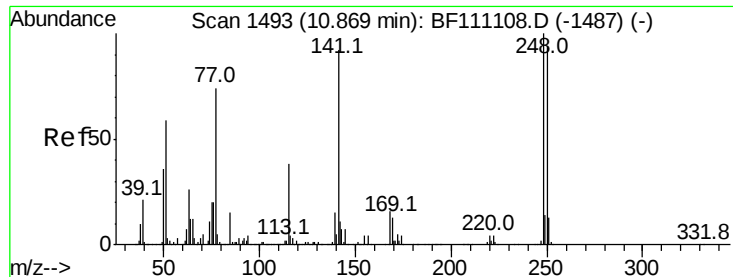
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF111151.D
 Acq: 6 Dec 2018 21:17

Tgt Ion:188 Resp: 1814334
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 11.9 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

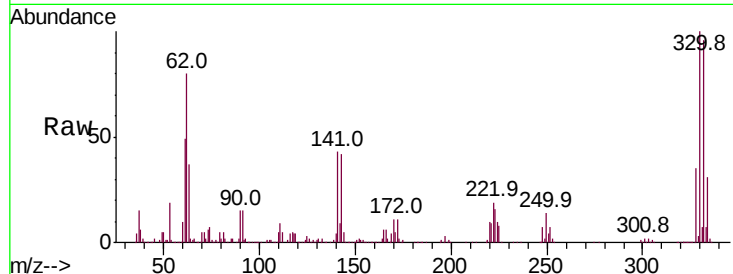




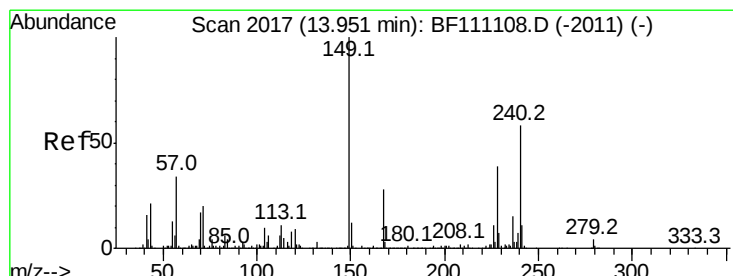
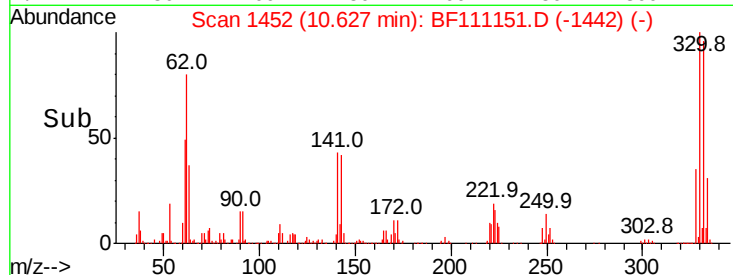
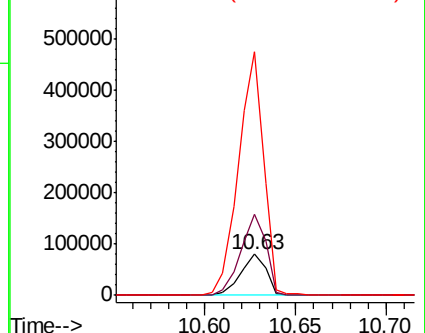
#67
4-Bromophenyl-phenylether
Concen: 4.041 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF111151.D
Acq: 6 Dec 2018 21:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 77618
Ion Ratio Lower Upper
248 100
250 197.7 75.4 113.0#
141 595.1 73.8 110.6#

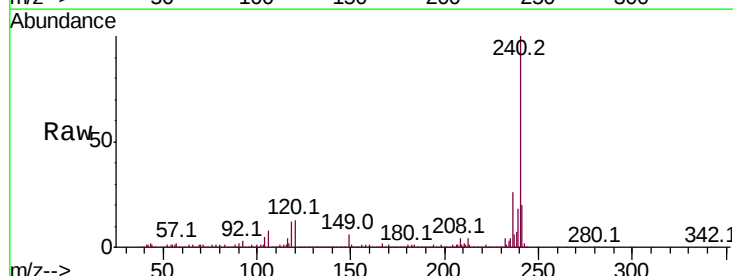


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

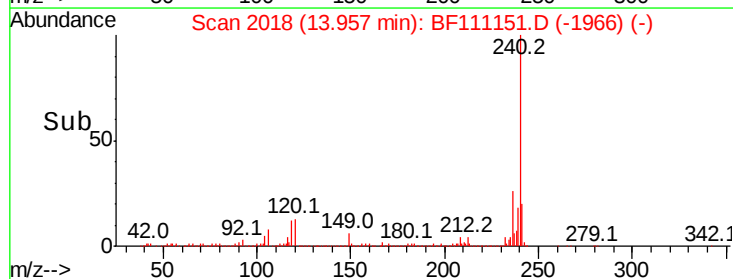
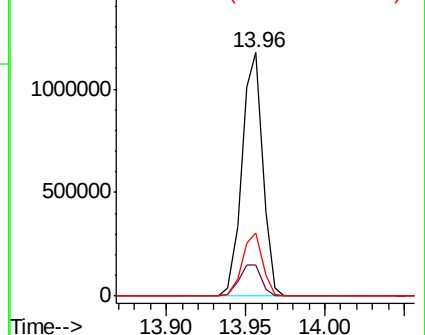


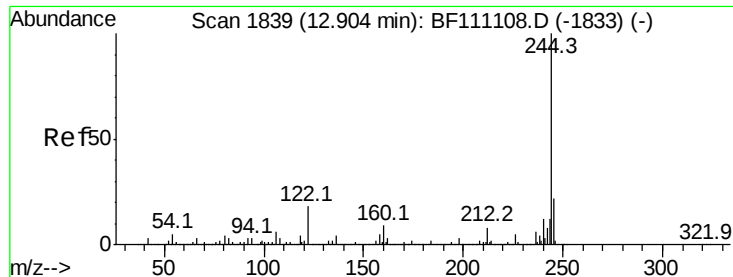
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111151.D
Acq: 6 Dec 2018 21:17

Tgt Ion:240 Resp: 1065118
Ion Ratio Lower Upper
240 100
120 12.6 12.8 19.2#
236 25.9 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

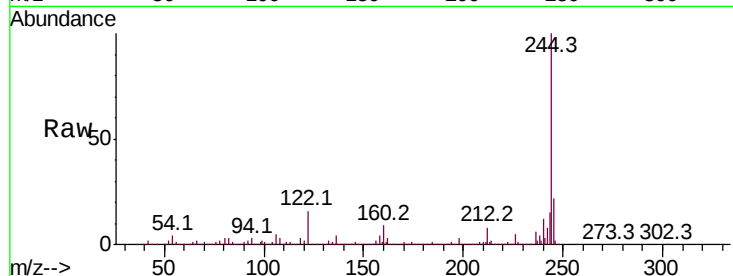




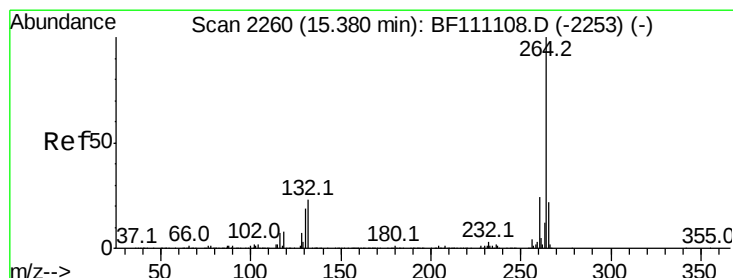
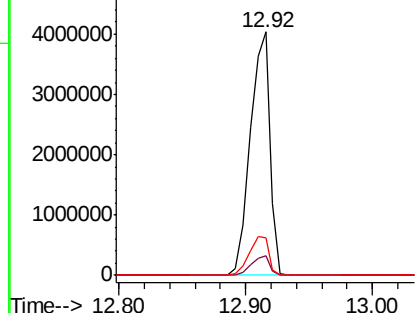
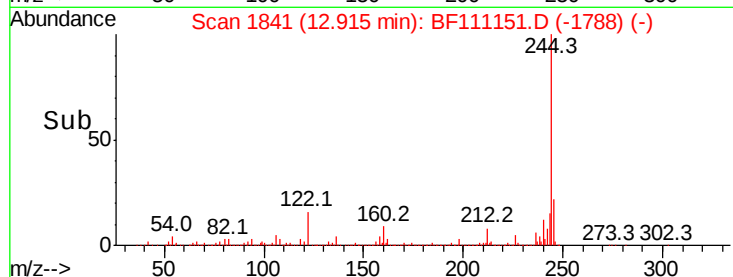
#79
 Terphenyl-d14
 Concen: 83.869 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF111151.D
 Acq: 6 Dec 2018 21:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 4361876
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 15.6 14.2 21.2

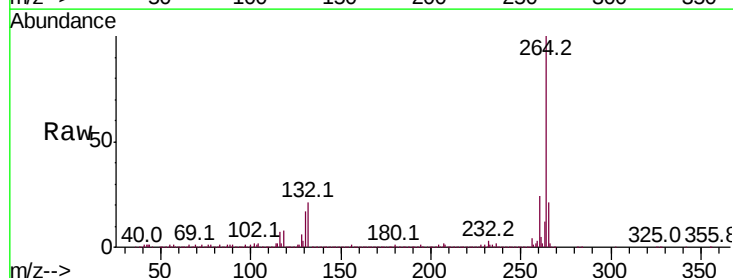


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: BF111151.D
 Acq: 6 Dec 2018 21:17

Tgt Ion:264 Resp: 1158491
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.0
 265 21.4 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

