

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121517\
 Data File : BF101466.D
 Acq On : 16 Dec 2017 2:36
 Operator : SJ/JU
 Sample : I6882-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 16 04:07:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 17:36:17 2017
 Response via : Initial Calibration

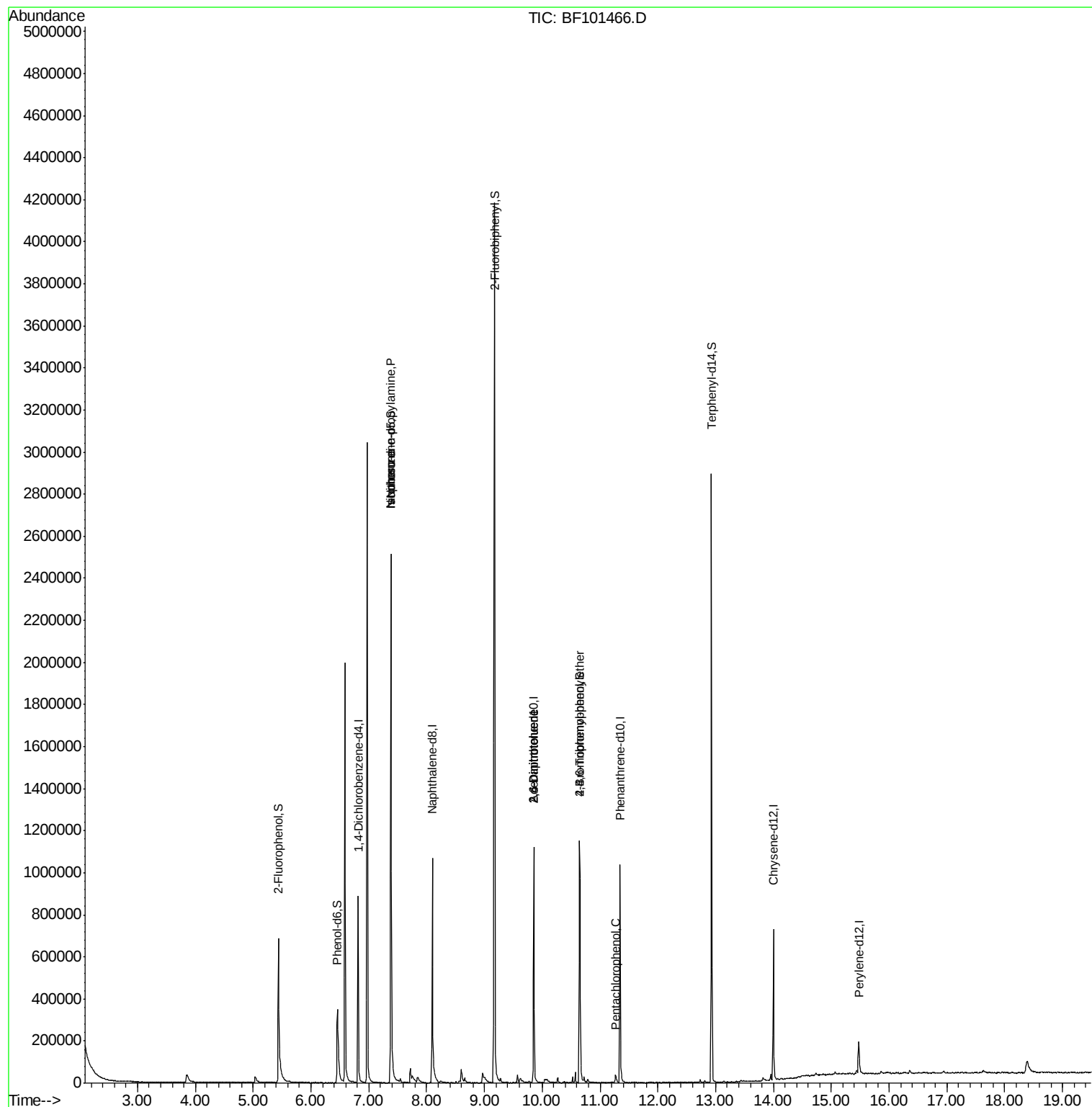
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	144950	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	576362	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	240284	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	392962	20.00	ng	0.00
75) Chrysene-d12	14.00	240	278611	20.00	ng	0.00
86) Perylene-d12	15.47	264	89799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	309636	31.82	ng	0.00
7) Phenol-d6	6.46	99	197373	16.30	ng	0.00
23) Nitrobenzene-d5	7.39	82	915534	88.42	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	163007	70.40	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1480247	95.56	ng	0.00
78) Terphenyl-d14	12.93	244	1086769	94.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	120903	15.202	ng	# 83
25) Isophorone	7.39	82	915528	44.078	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	30558	7.779	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	30558	6.905	ng	# 23
66) 4-Bromophenyl-phenylether	10.65	248	10276	2.327	ng	# 1
69) Pentachlorophenol	11.27	266	547	6.833	ng	# 34

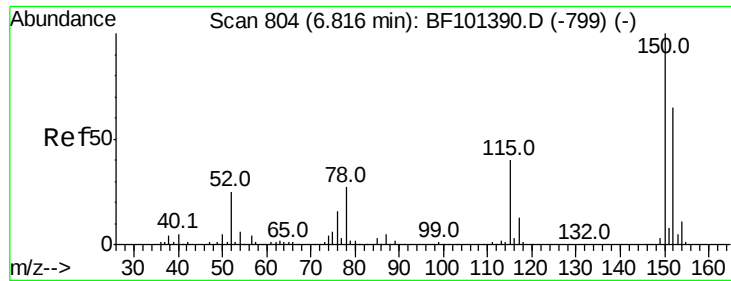
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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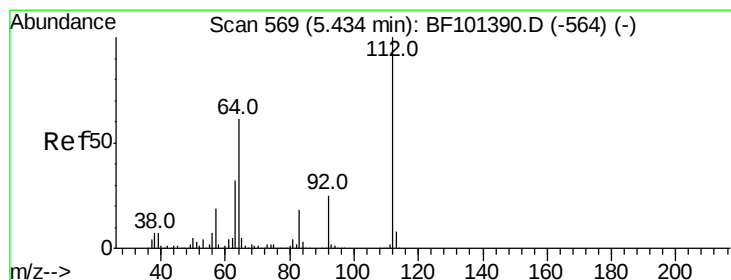
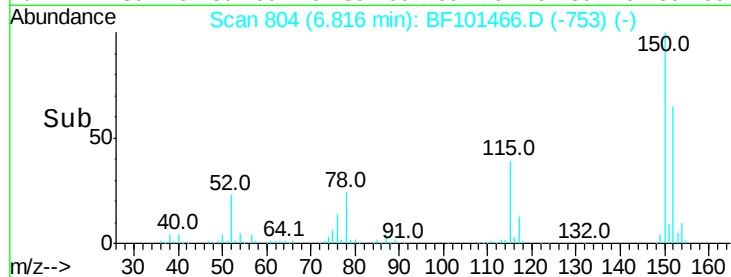
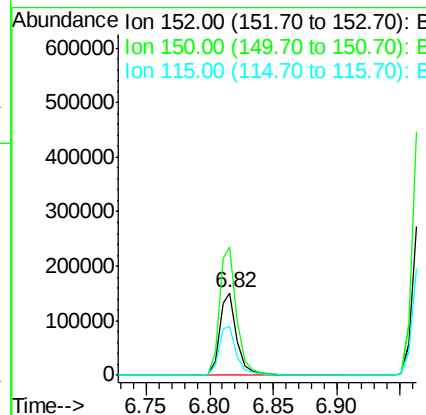
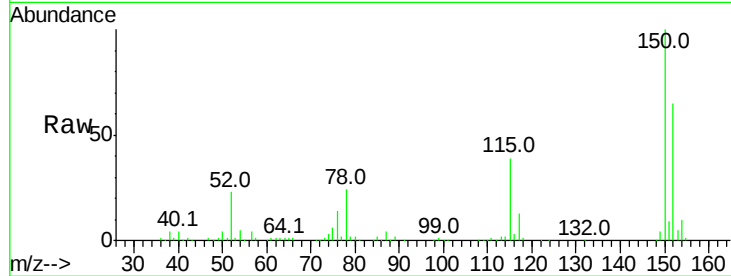


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF101466.D
Acq: 16 Dec 2017 2:36

Instrument :
BNA_F
ClientSampled :

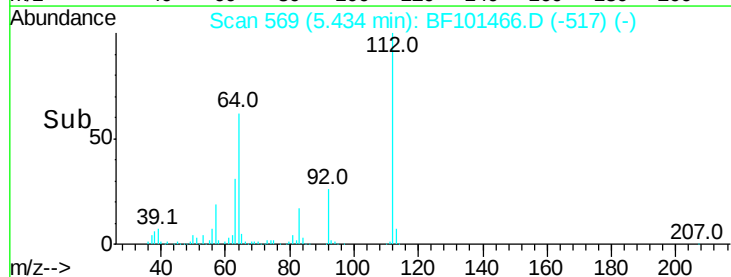
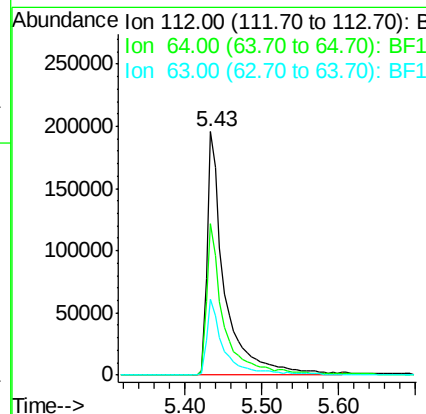
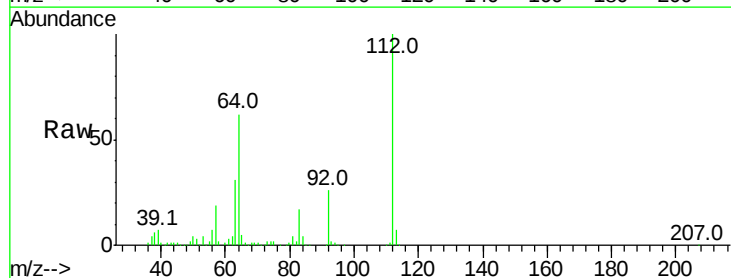
Tot Ion:152 Resp: 144950
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 59.8 50.1 75.1

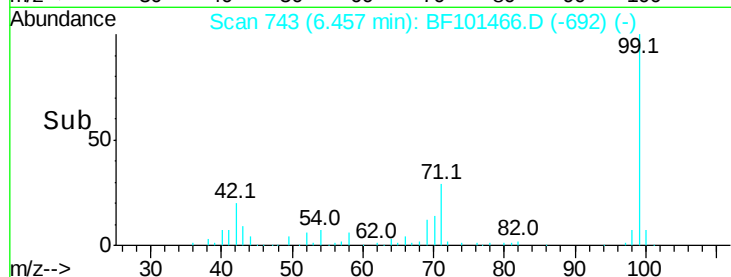
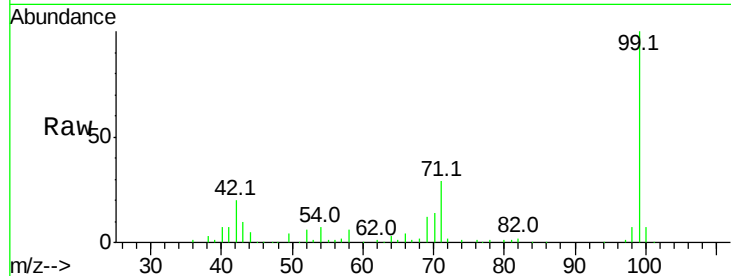
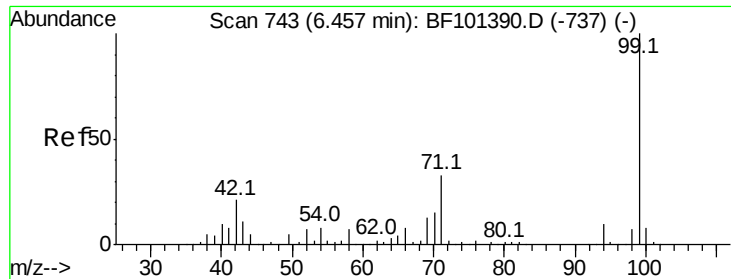


#5

2-Fluorophenol
Concen: 31.820 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101466.D
Acq: 16 Dec 2017 2:36

Tgt Ion:112 Resp: 309636
Ion Ratio Lower Upper
112 100
64 62.4 47.9 71.9
63 31.4 23.7 35.5





#7

Phenol-d6

Concen: 16.298 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF101466.D

Acq: 16 Dec 2017 2:36

Instrument :

BNA_F

ClientSampleId :

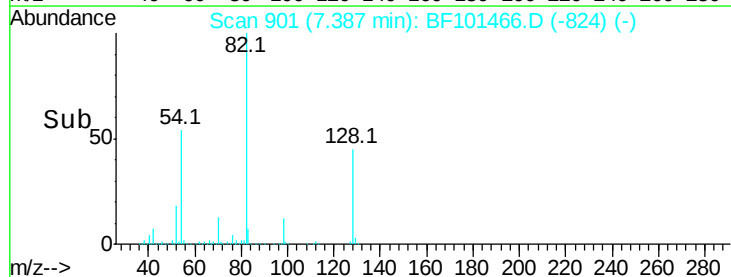
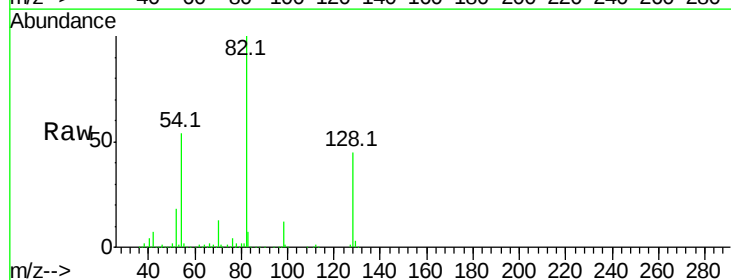
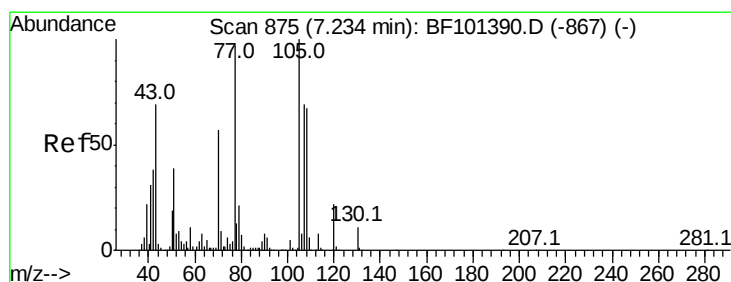
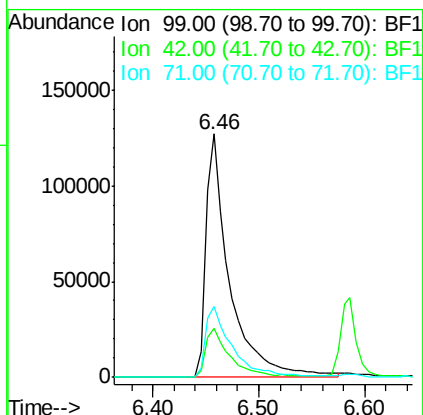
Tot Ion: 99 Resp: 197373

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 29.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.202 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.15 min

Lab File: BF101466.D

Acq: 16 Dec 2017 2:36

Tgt Ion: 70 Resp: 120903

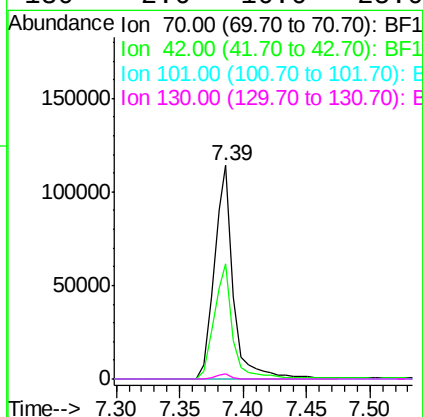
Ion Ratio Lower Upper

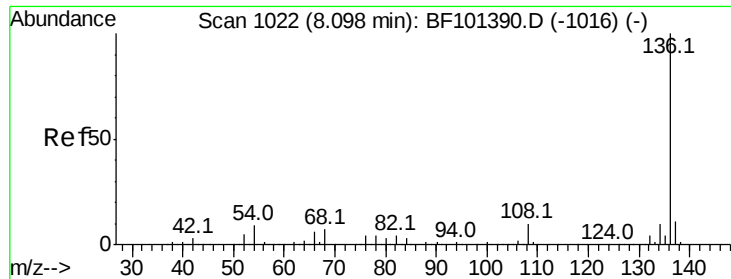
70 100

42 53.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

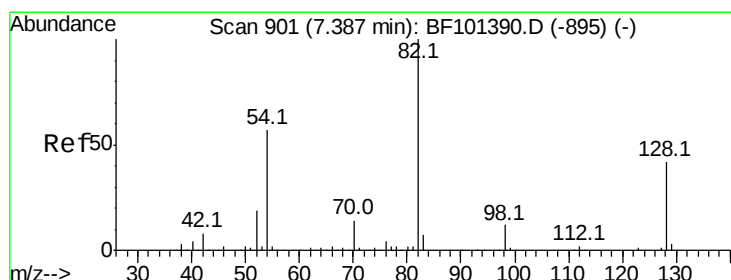
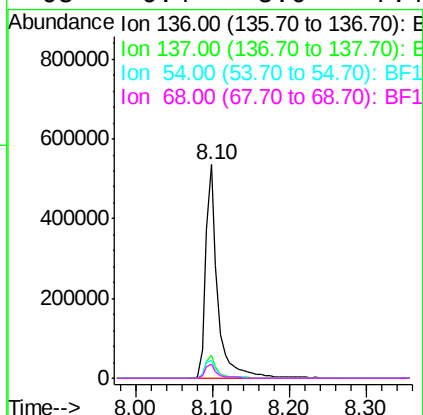
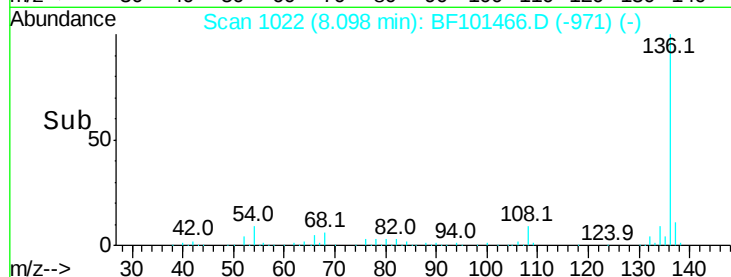
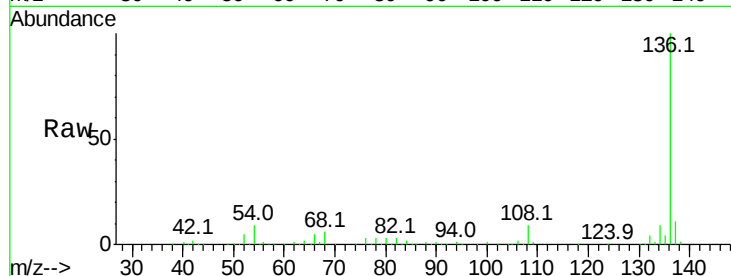




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF101466.D
Acq: 16 Dec 2017 2:36

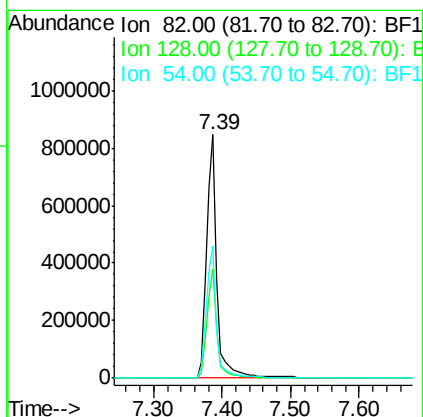
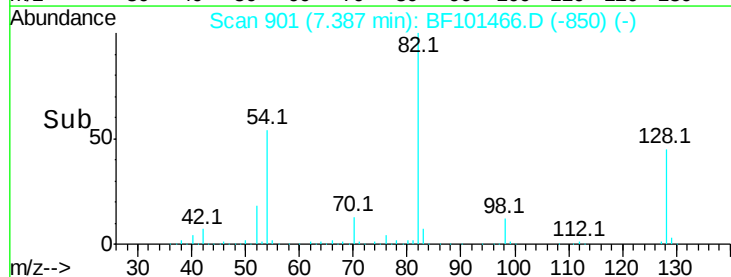
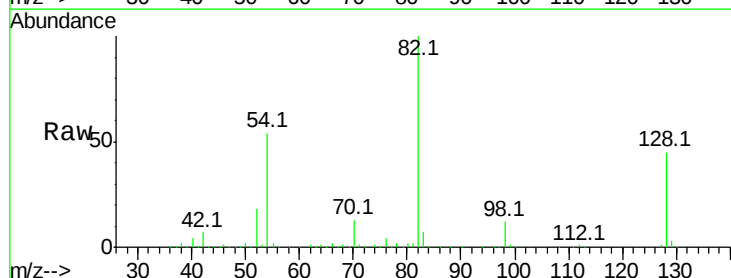
Instrument :
BNA_F
ClientSampleId :

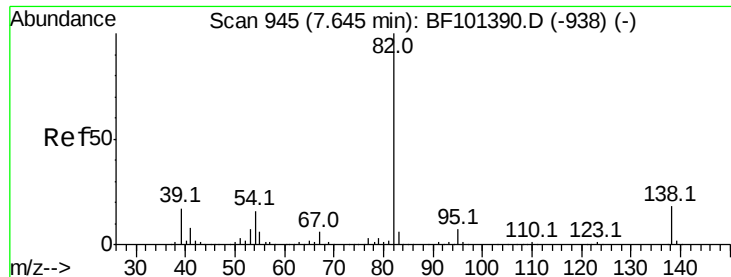
Tot Ion:	136	Resp:	576362
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.7	6.6	9.8
68	6.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 88.423 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF101466.D
Acq: 16 Dec 2017 2:36

Tgt Ion:	82	Resp:	915534
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	54.3	41.4	62.2





#25

Isophorone

Concen: 44.078 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.25 min

Lab File: BF101466.D

Acq: 16 Dec 2017 2:36

Instrument :

BNA_F

ClientSampleId :

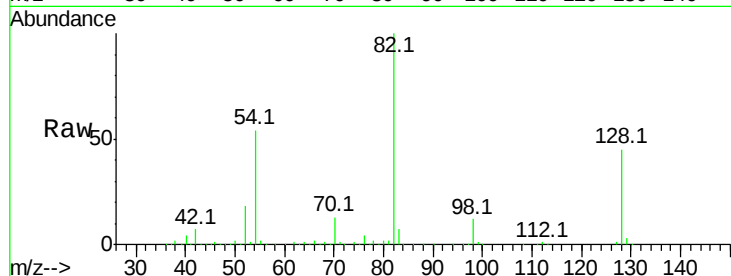
Tot Ion: 82 Resp: 91528

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

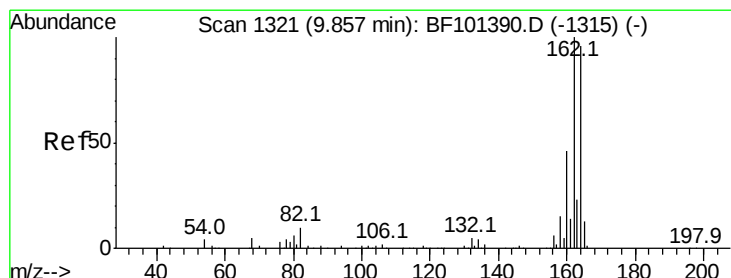
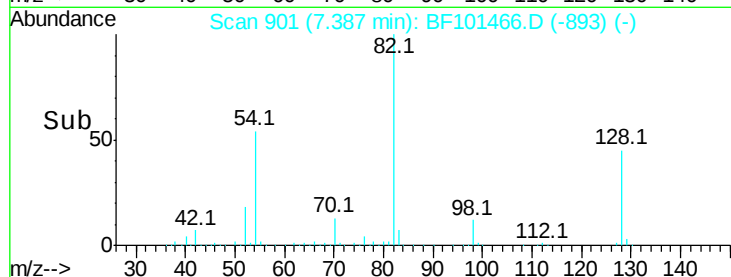
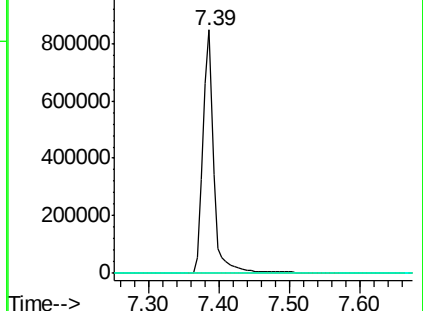
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF101466.D

Acq: 16 Dec 2017 2:36

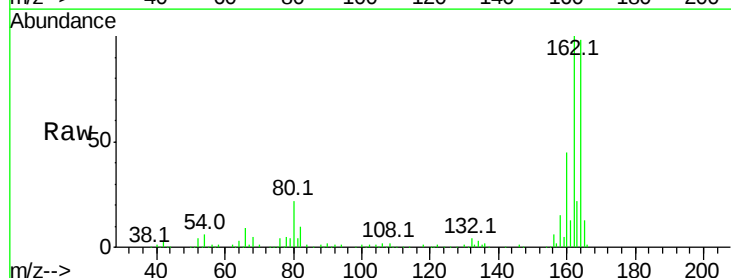
Tgt Ion:164 Resp: 240284

Ion Ratio Lower Upper

164 100

162 102.0 86.1 129.1

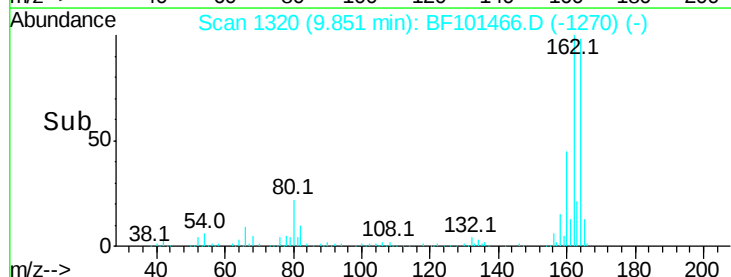
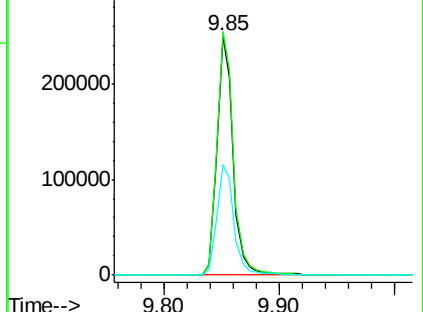
160 46.4 38.3 57.5

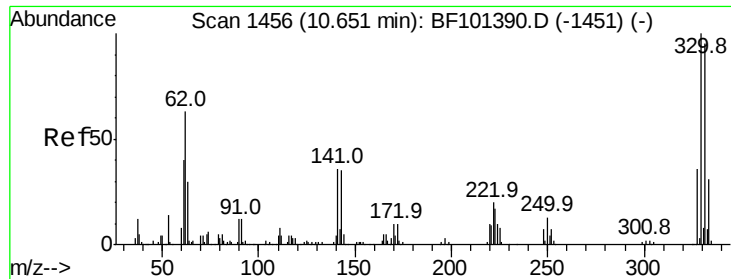


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

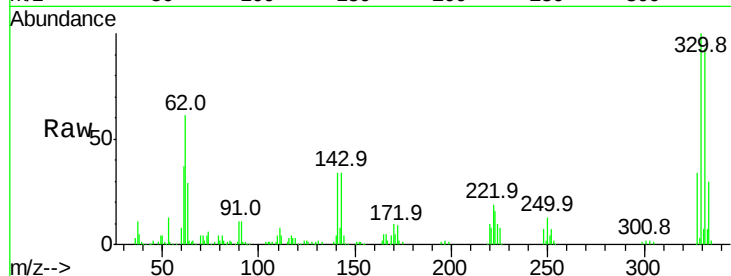




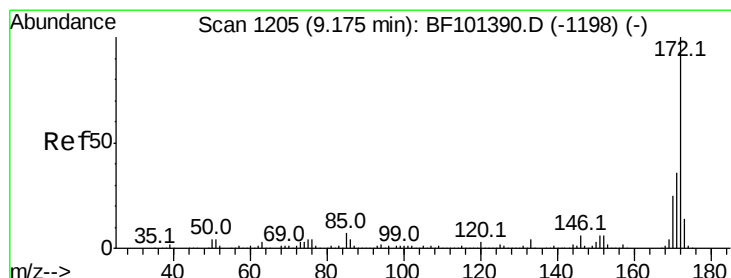
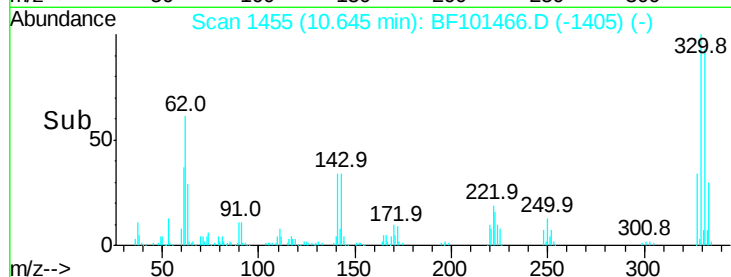
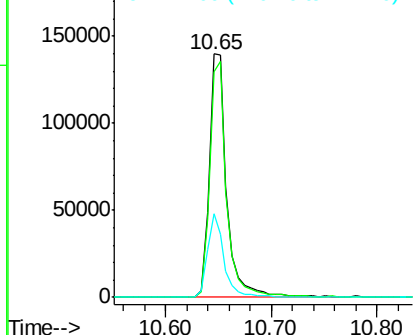
#41
 2,4,6-Tribromophenol
 Concen: 70.404 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF101466.D
 Acq: 16 Dec 2017 2:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	32.7	29.9	44.9

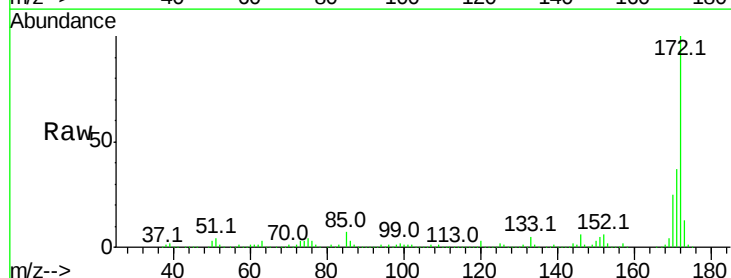


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

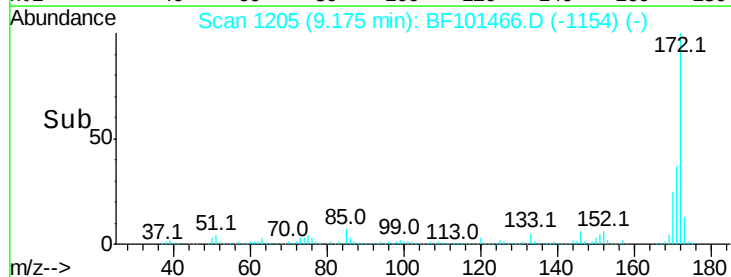
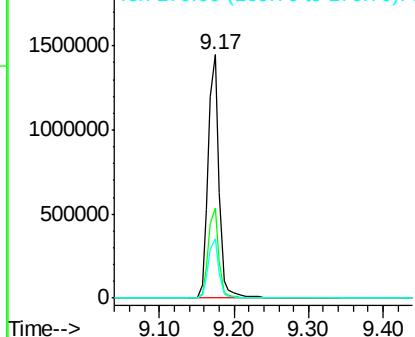


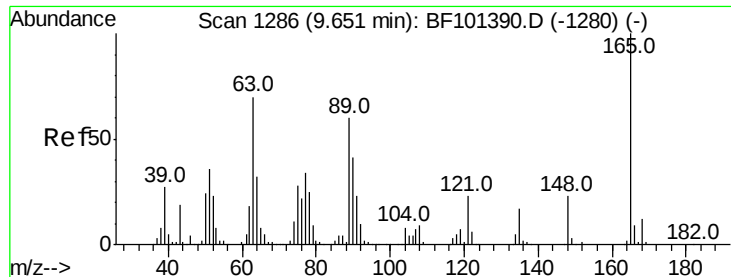
#44
 2-Fluorobiphenyl
 Concen: 95.563 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF101466.D
 Acq: 16 Dec 2017 2:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.5	19.6	29.4



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

2,6-Dinitrotoluene

Concen: 7.779 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.20 min

Lab File: BF101466.D

Acq: 16 Dec 2017 2:36

Instrument :

BNA_F

ClientSampleId :

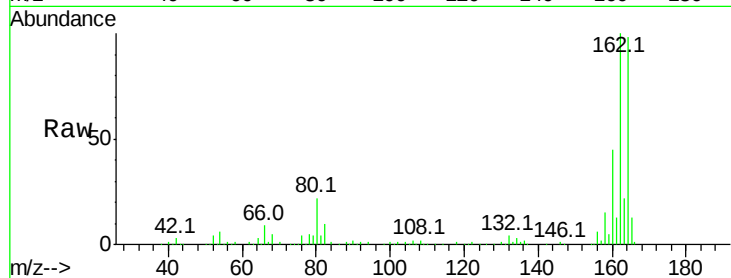
Tot Ion:165 Resp: 30558

Ion Ratio Lower Upper

165 100

63 1.1 44.7 67.1#

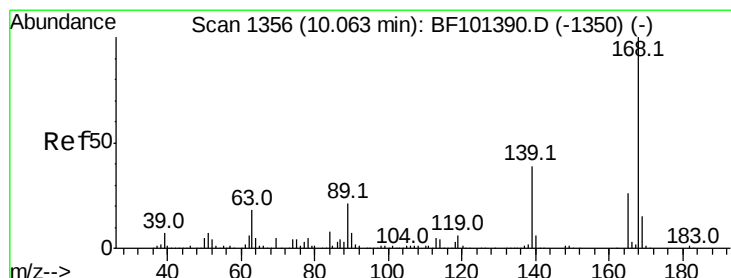
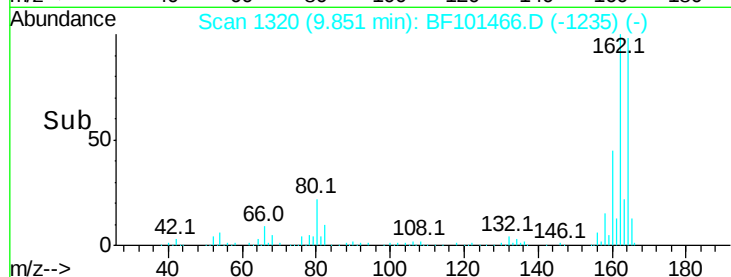
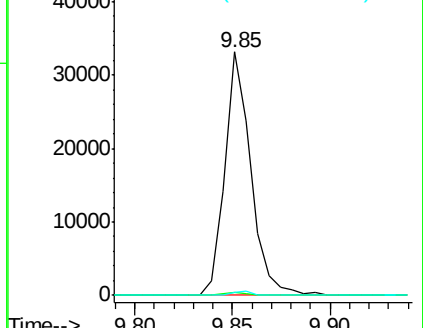
89 1.1 44.0 66.0#



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



#56

2,4-Dinitrotoluene

Concen: 6.905 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.21 min

Lab File: BF101466.D

Acq: 16 Dec 2017 2:36

Tgt Ion:165 Resp: 30558

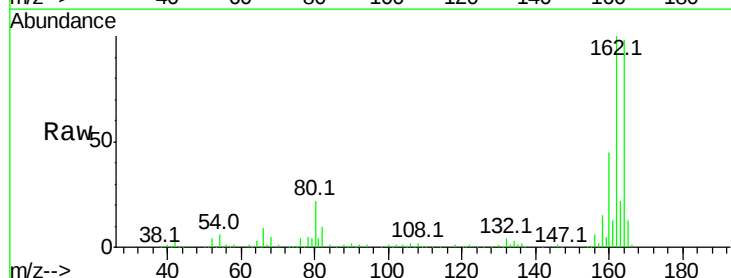
Ion Ratio Lower Upper

165 100

63 1.1 36.4 54.6#

89 1.1 57.8 86.6#

182 0.0 1.6 2.4#

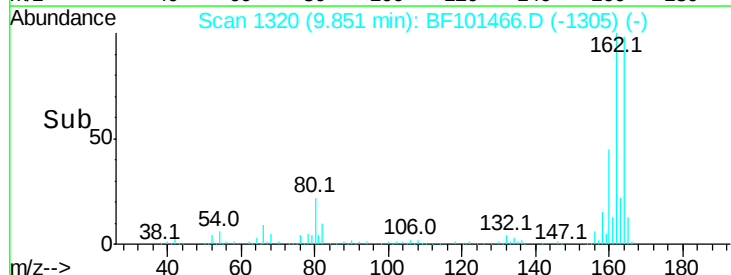
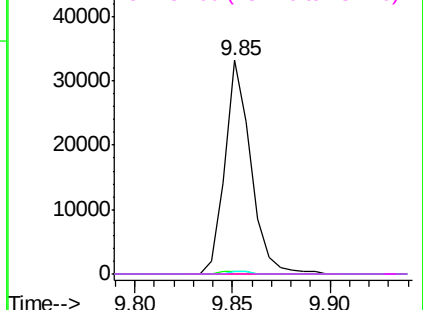


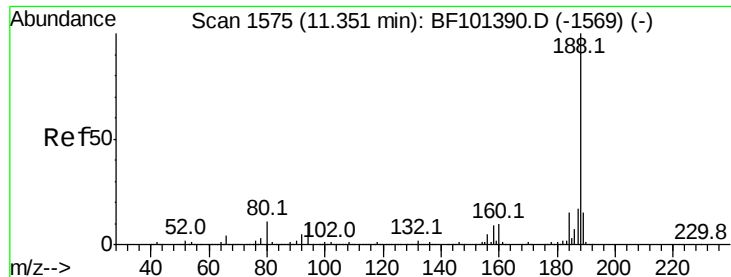
Abundance Ion 165.00 (164.70 to 165.70): E

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF101466.D

Acq: 16 Dec 2017 2:36

Instrument :

BNA_F

ClientSampleId :

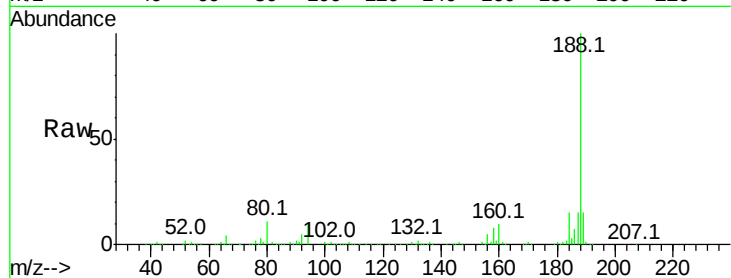
Tot Ion:188 Resp: 392962

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

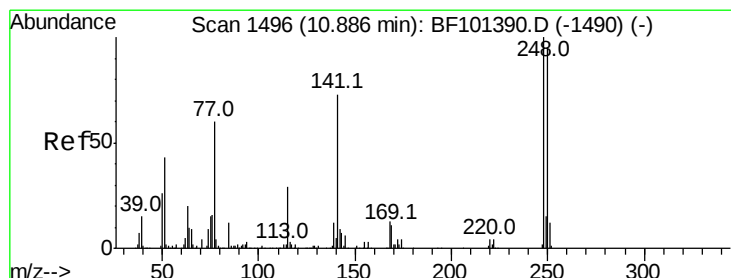
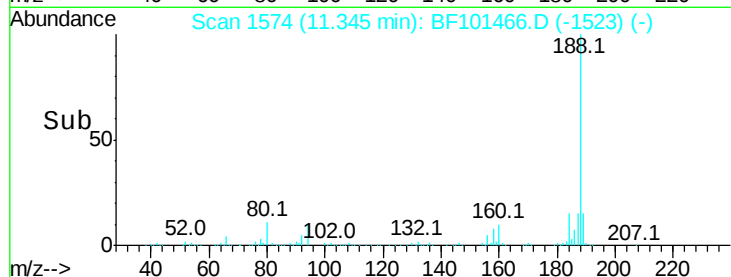
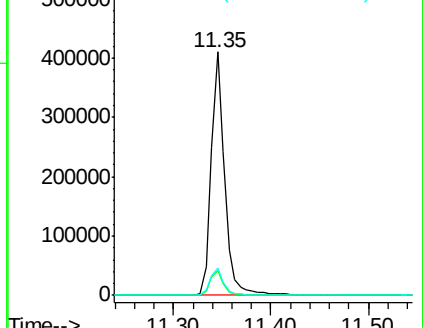
80 11.2 9.2 13.8



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



#66

4-Bromophenyl-phenylether

Concen: 2.327 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.24 min

Lab File: BF101466.D

Acq: 16 Dec 2017 2:36

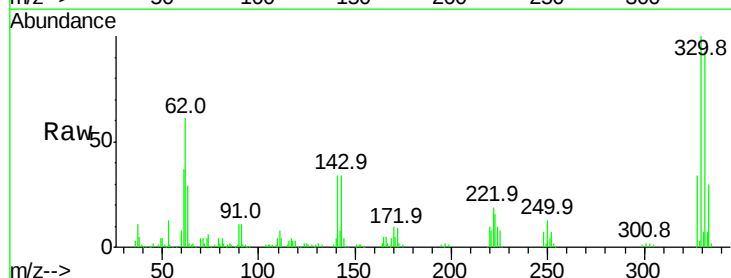
Tgt Ion:248 Resp: 10276

Ion Ratio Lower Upper

248 100

250 194.5 76.9 115.3#

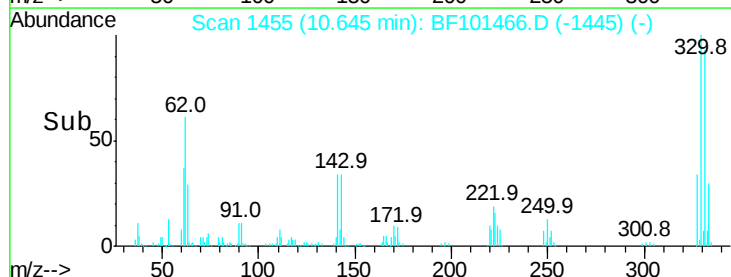
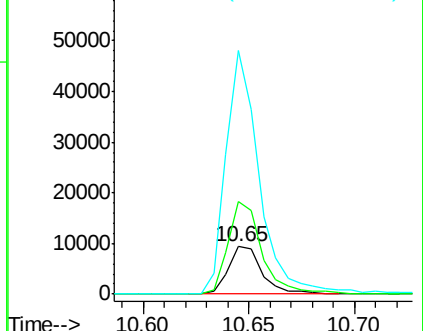
141 514.4 74.4 111.6#

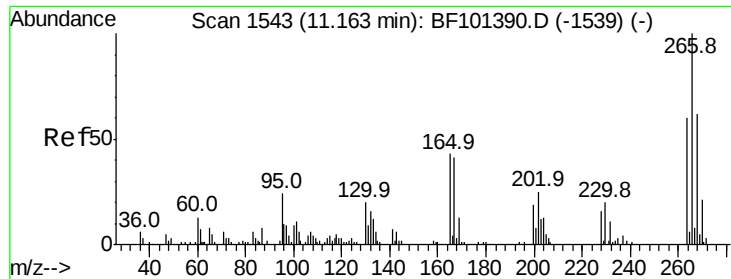


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

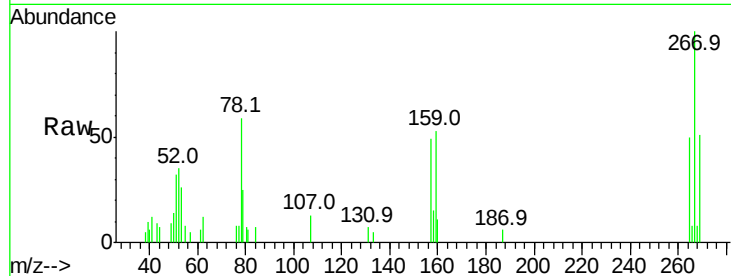




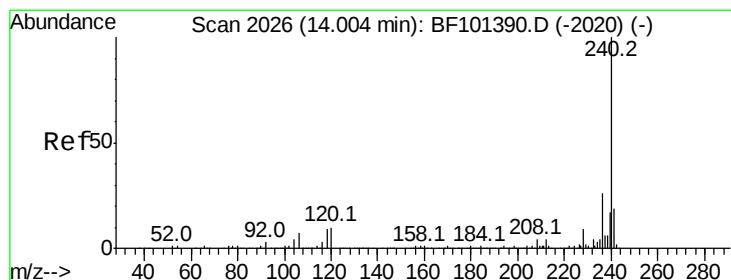
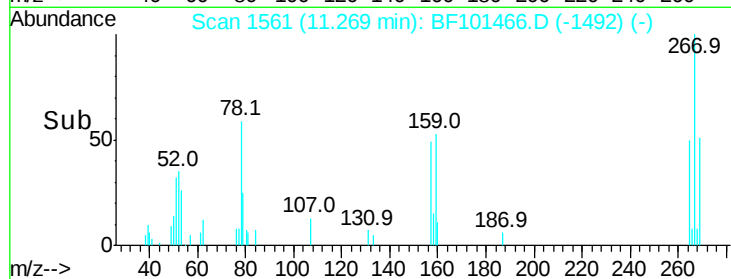
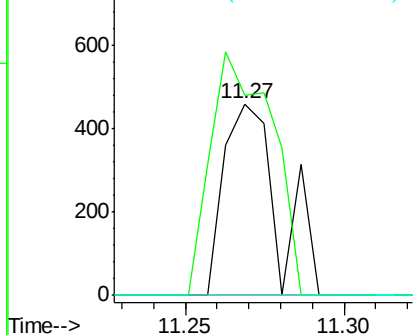
#69
 Pentachlorophenol
 Concen: 6.833 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.11 min
 Lab File: BF101466.D
 Acq: 16 Dec 2017 2:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 547
 Ion Ratio Lower Upper
 266 100
 268 104.3 51.1 76.7#
 264 0.0 49.5 74.3#

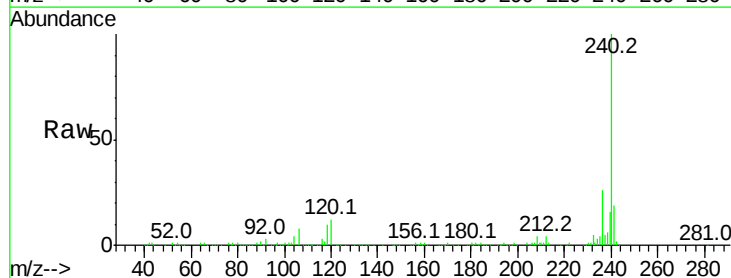


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

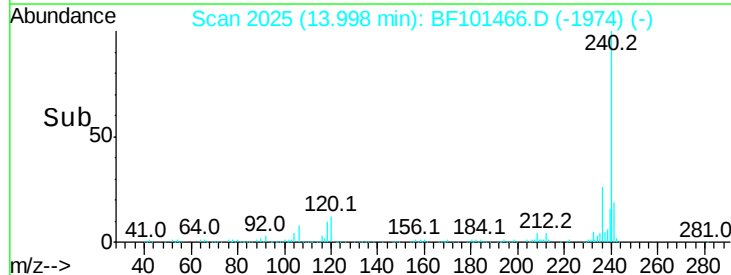
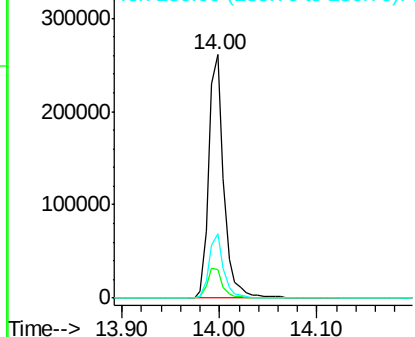


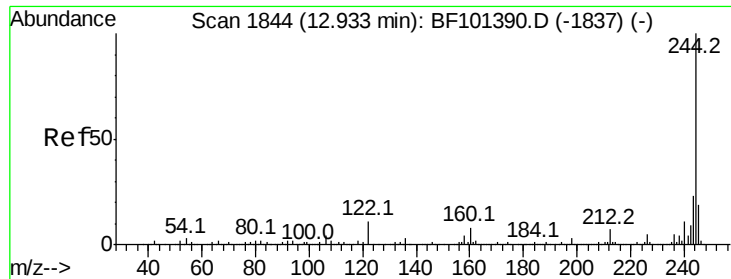
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF101466.D
 Acq: 16 Dec 2017 2:36

Tgt Ion:240 Resp: 278611
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.5 14.3
 236 26.3 20.7 31.1



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





#78

Terphenyl-d14

Concen: 94.036 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF101466.D

Acq: 16 Dec 2017 2:36

Instrument :

BNA_F

ClientSampled :

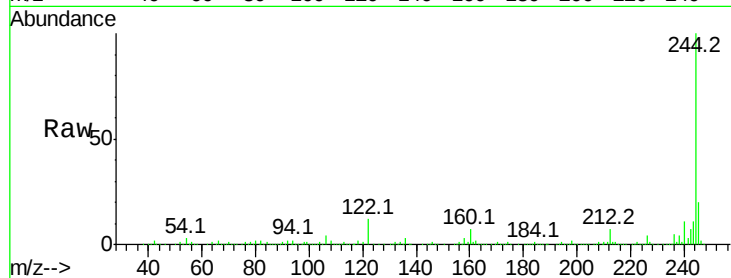
Tot Ion:244 Resp: 1086769

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

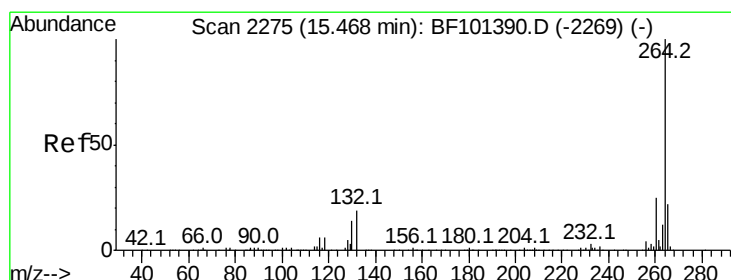
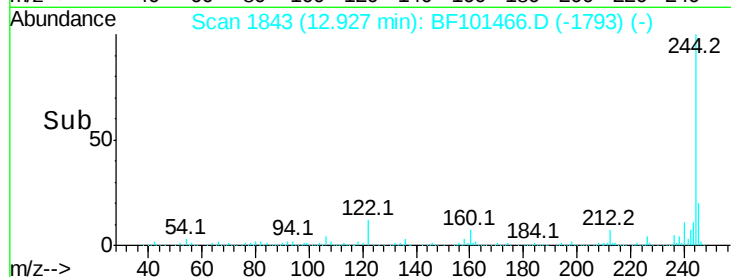
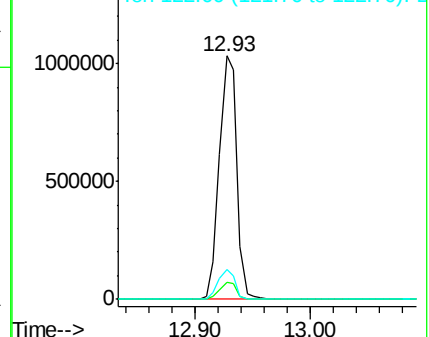
122 12.4 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.01 min

Lab File: BF101466.D

Acq: 16 Dec 2017 2:36

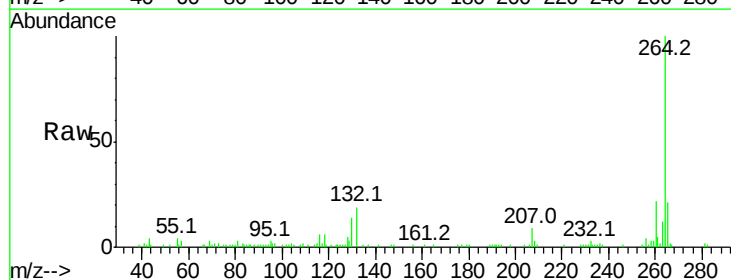
Tgt Ion:264 Resp: 89799

Ion Ratio Lower Upper

264 100

260 22.4 19.2 28.8

265 20.8 17.5 26.3



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

