

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091517\
 Data File : BF098585.D
 Acq On : 15 Sep 2017 22:54
 Operator : SJ/JU
 Sample : I5210-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-BM-2(0-5)COMP

Quant Time: Sep 16 01:52:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

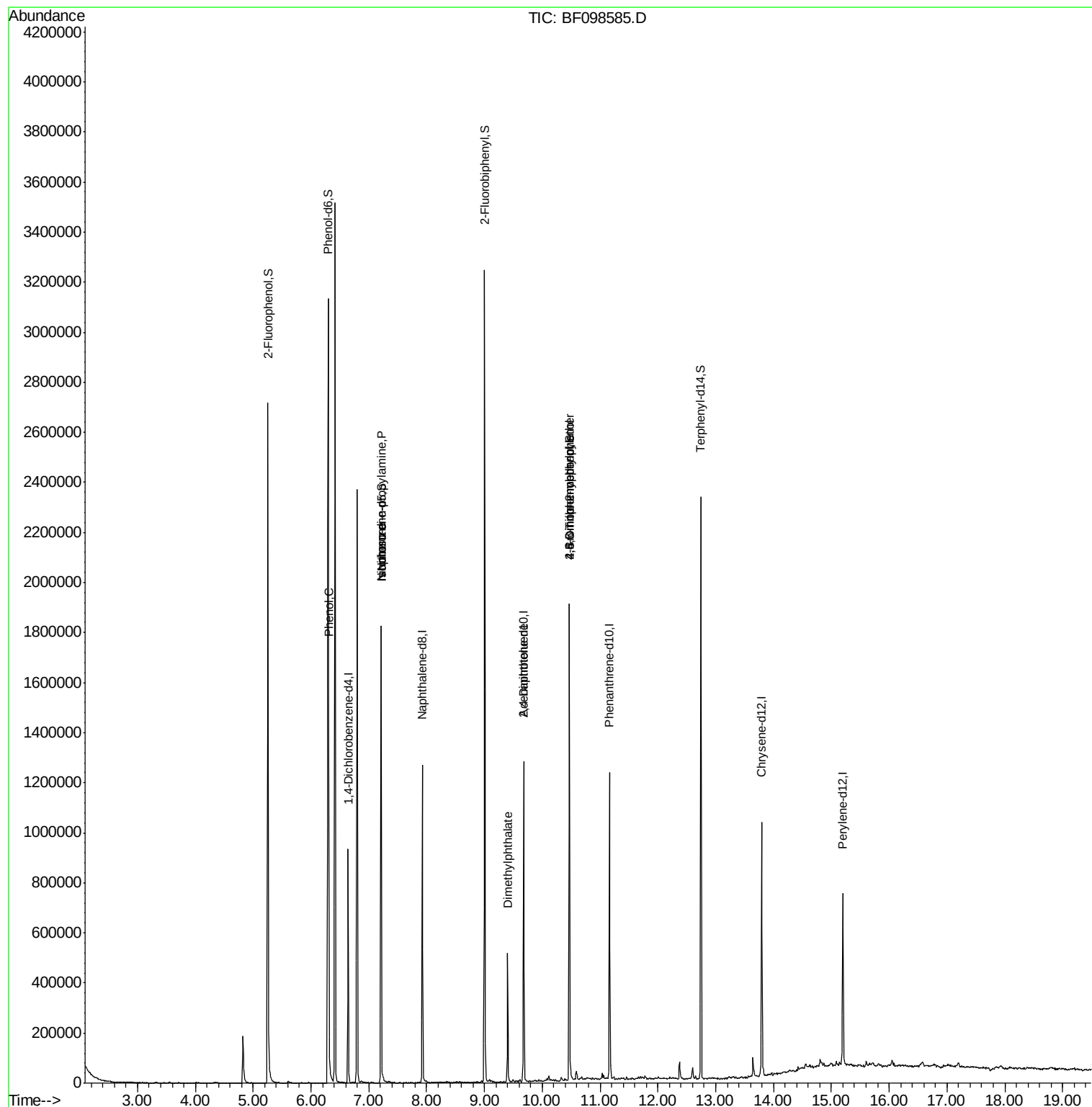
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	134413	20.00	ng	-0.03
21) Naphthalene-d8	7.93	136	558468	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	254649	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	416221	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	299680	20.00	ng	-0.02
86) Perylene-d12	15.20	264	276447	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	758734	83.46	ng	-0.02
7) Phenol-d6	6.30	99	1084502	93.96	ng	-0.02
23) Nitrobenzene-d5	7.22	82	640036	63.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	196286	115.49	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	939704	62.55	ng	-0.03
78) Terphenyl-d14	12.74	244	663216	47.77	ng	-0.02
Target Compounds						
10) Phenol	6.31	94	49952	3.726	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	84099	11.583	ng	# 77
25) Isophorone	7.22	82	633391	31.251	ng	# 67
49) Dimethylphthalate	9.40	163	192680	9.775	ng	100
56) 2,4-Dinitrotoluene	9.68	165	32392	6.580	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.47	198	664	5.198	ng	# 1
66) 4-Bromophenyl-phenylether	10.47	248	15004	3.798	ng	# 1

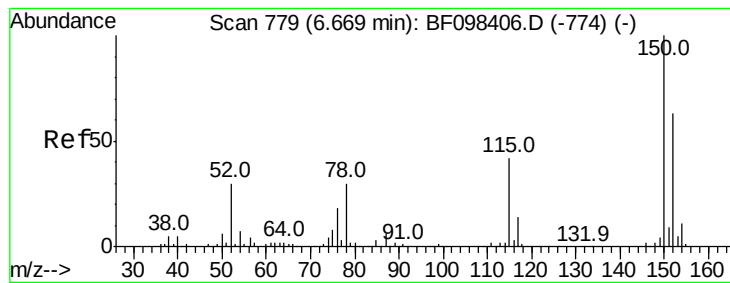
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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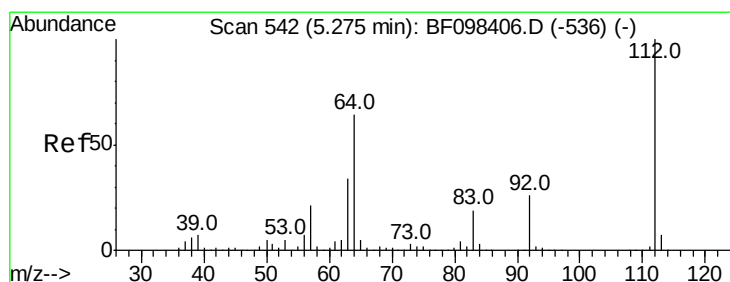
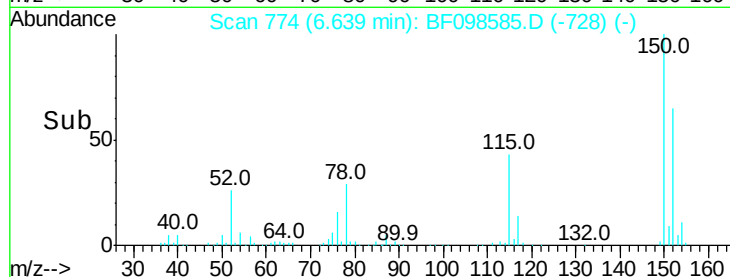
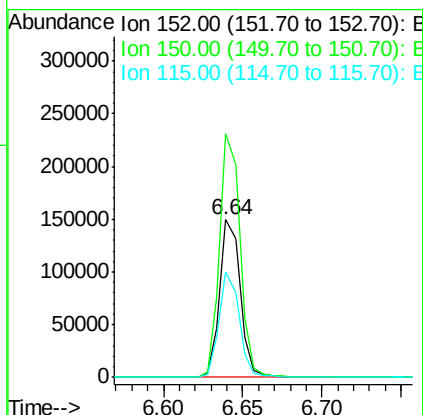
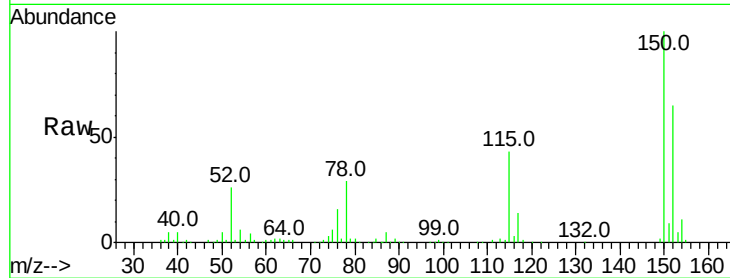


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.64 min Scan# 774
 Delta R.T. -0.03 min
 Lab File: BF098585.D
 Acq: 15 Sep 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-BM-2(0-5)COMP

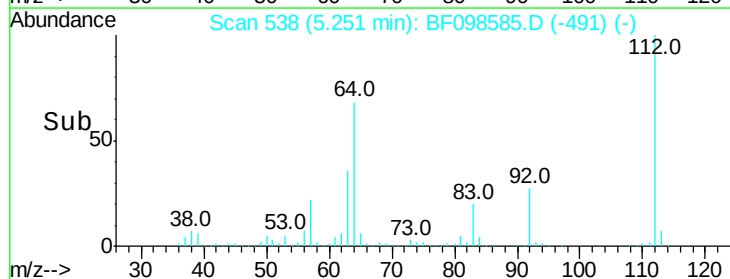
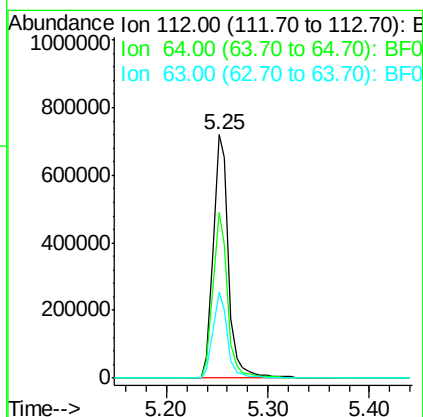
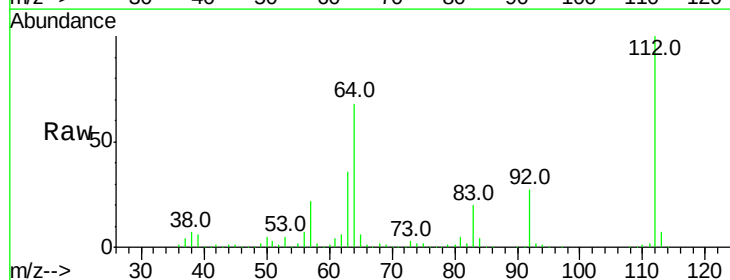
Tot Ion:152 Resp: 134413
 Ion Ratio Lower Upper
 152 100
 150 154.3 126.2 189.2
 115 67.1 52.2 78.2

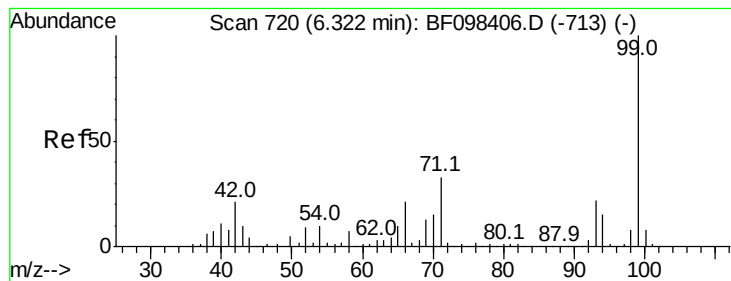


#5

2-Fluorophenol
 Concen: 83.460 ng
 RT: 5.25 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: BF098585.D
 Acq: 15 Sep 2017 22:54

Tgt Ion:112 Resp: 758734
 Ion Ratio Lower Upper
 112 100
 64 67.8 46.0 69.0
 63 35.6 23.4 35.0#





#7

Phenol-d6

Concen: 93.957 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF098585.D

Acq: 15 Sep 2017 22:54

Instrument :

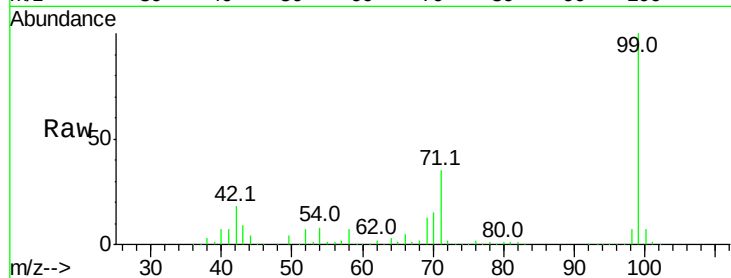
BNA_F

ClientSampleId :

SASP2P-TP-BM-2(0-5)COMP

Tot Ion: 99 Resp: 1084502

Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.5	20.3
71	35.0	24.5	36.7

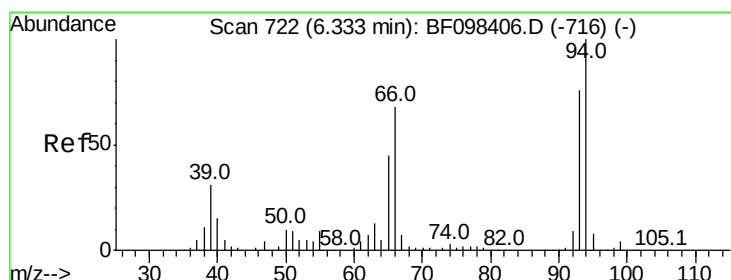
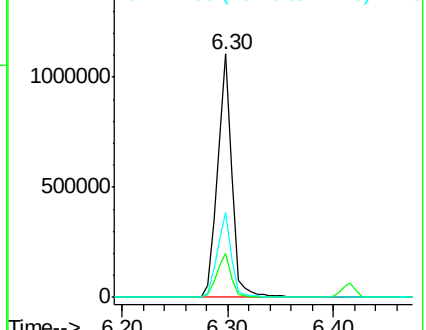
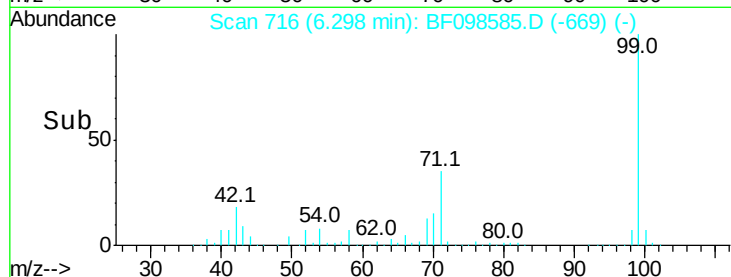


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.726 ng

RT: 6.31 min Scan# 718

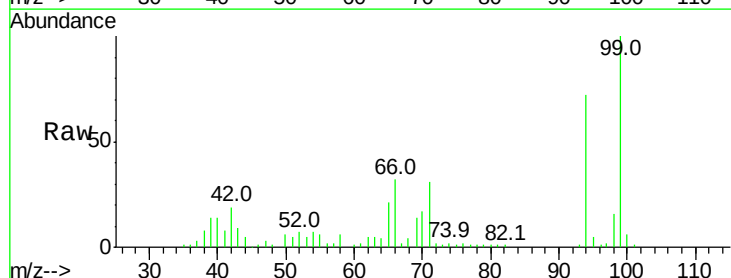
Delta R.T. -0.02 min

Lab File: BF098585.D

Acq: 15 Sep 2017 22:54

Tgt Ion: 94 Resp: 49952

Ion	Ratio	Lower	Upper
94	100		
65	29.3	9.9	49.9
66	44.2	23.1	63.1

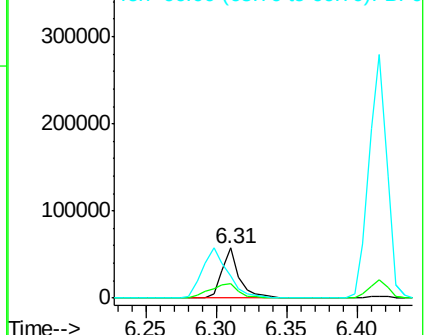
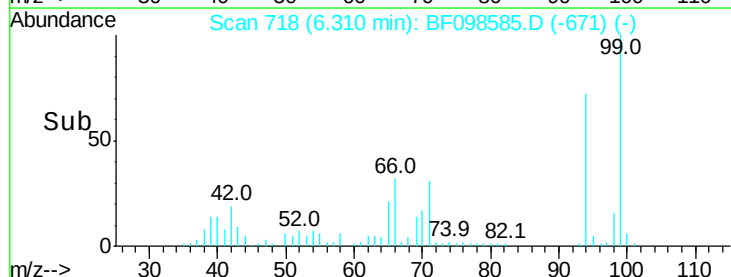


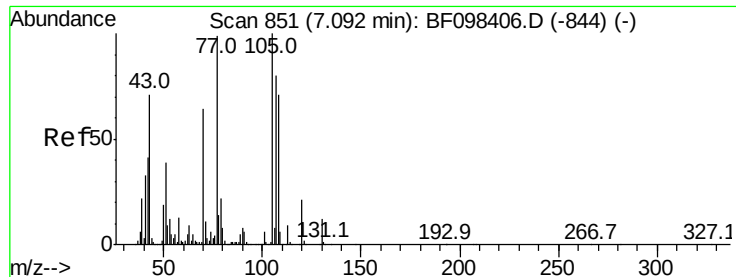
Abundance

Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

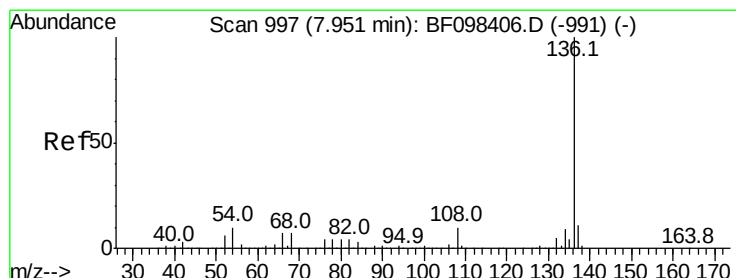
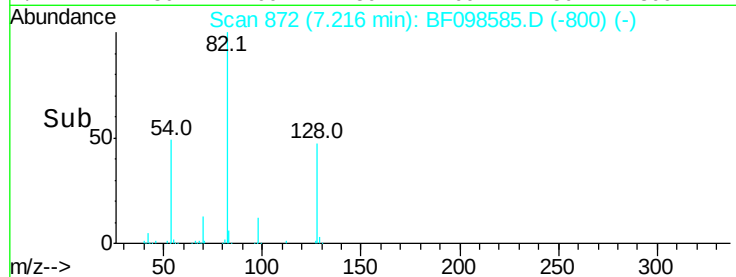
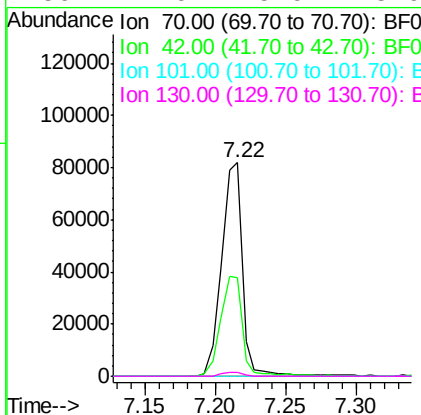
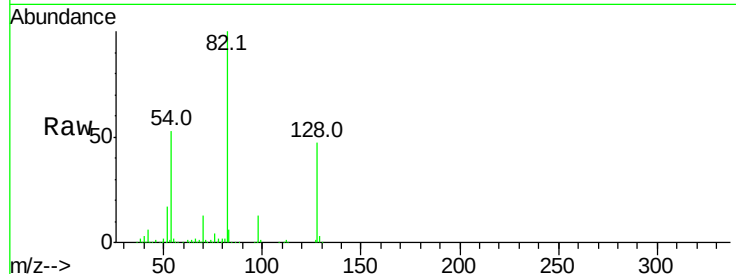




#19
n-Nitroso-di-n-propylamine
Concen: 11.583 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.12 min
Lab File: BF098585.D
Acq: 15 Sep 2017 22:54

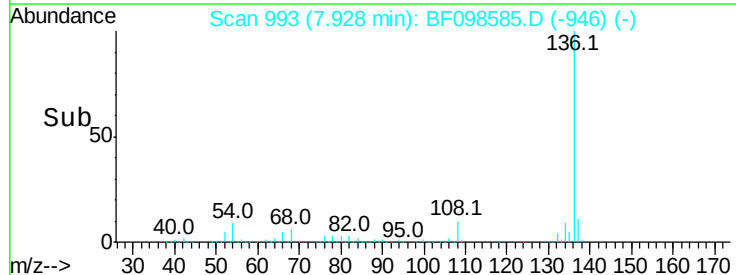
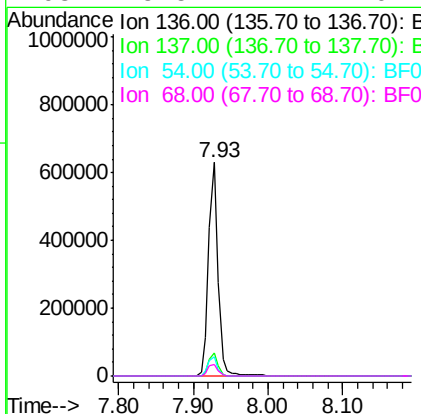
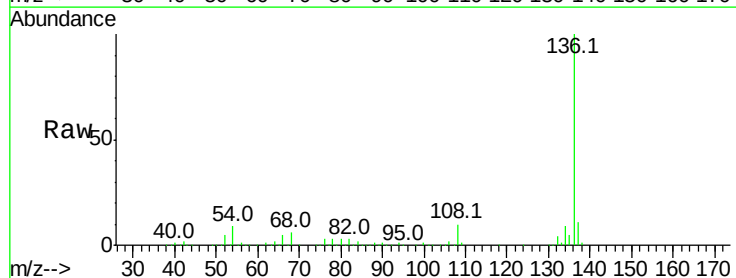
Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-BM-2(0-5)COMP

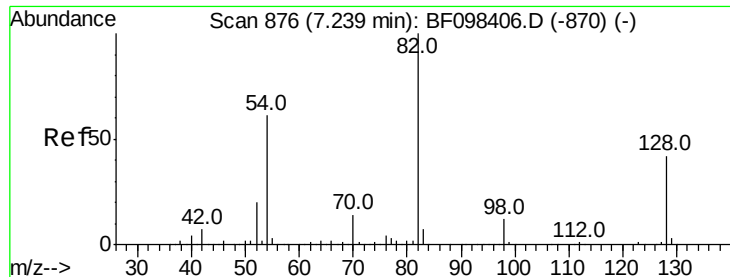
Tot Ion: 70 Resp: 84099
Ion Ratio Lower Upper
70 100
42 46.4 47.2 70.8#
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF098585.D
Acq: 15 Sep 2017 22:54

Tgt Ion:136 Resp: 558468
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 8.7 4.9 7.3#
68 5.5 4.1 6.1

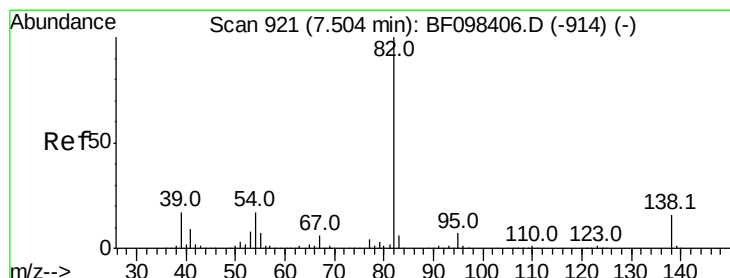
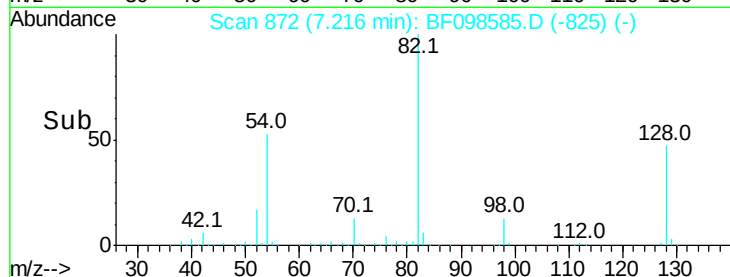
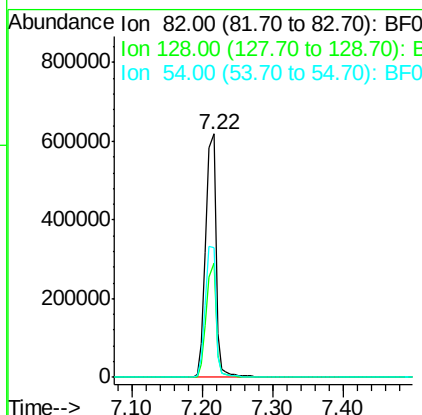
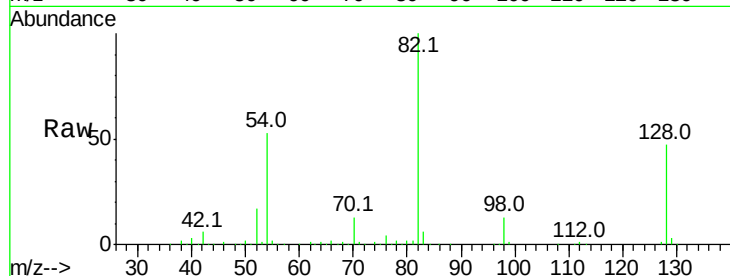




#23
Nitrobenzene-d5
Concen: 63.892 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF098585.D
Acq: 15 Sep 2017 22:54

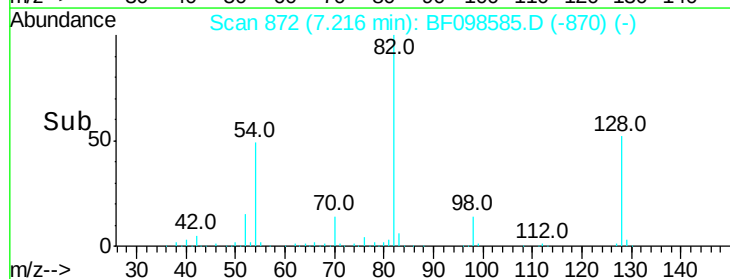
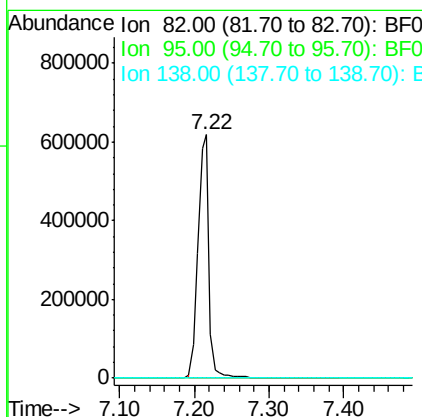
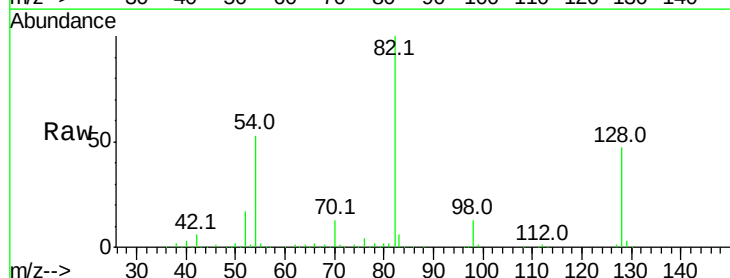
Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-BM-2(0-5)COMP

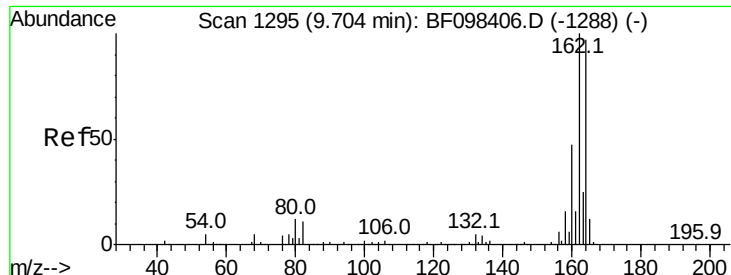
Tot Ion: 82 Resp: 640036
Ion Ratio Lower Upper
82 100
128 46.7 34.0 51.0
54 53.2 42.2 63.2



#25
Isophorone
Concen: 31.251 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.29 min
Lab File: BF098585.D
Acq: 15 Sep 2017 22:54

Tgt Ion: 82 Resp: 633391
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF098585.D

Acq: 15 Sep 2017 22:54

Instrument :

BNA_F

ClientSampleId :

SASP2P-TP-BM-2(0-5)COMP

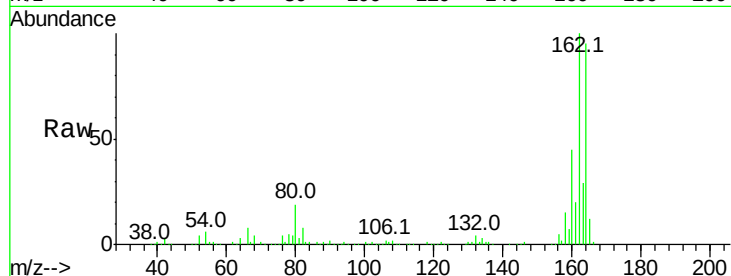
Tot Ion:164 Resp: 254649

Ion Ratio Lower Upper

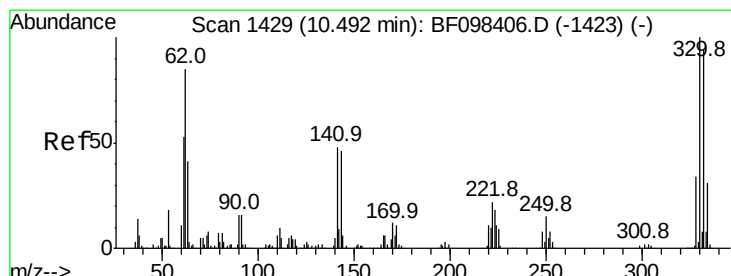
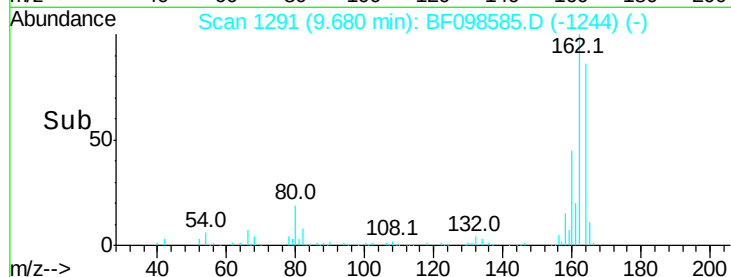
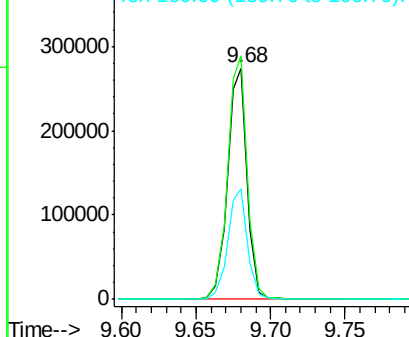
164 100

162 105.4 82.6 123.8

160 47.6 36.2 54.2



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: 115.491 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BF098585.D

Acq: 15 Sep 2017 22:54

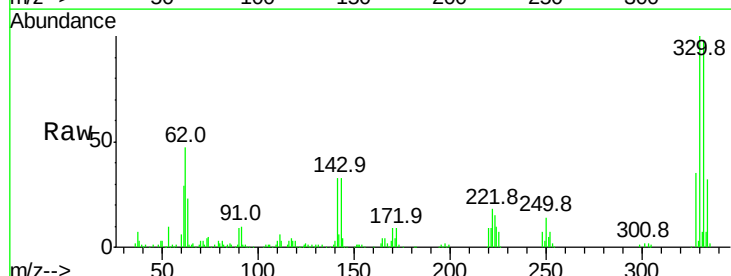
Tgt Ion:330 Resp: 196286

Ion Ratio Lower Upper

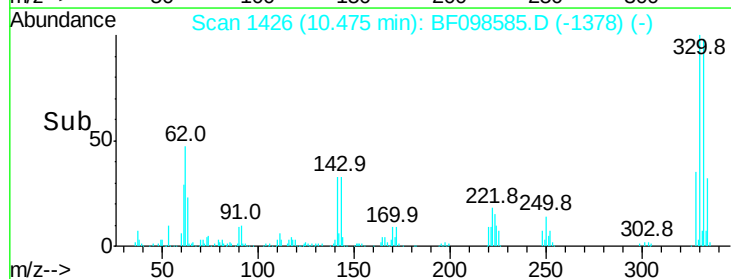
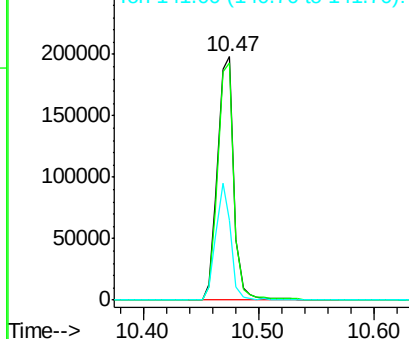
330 100

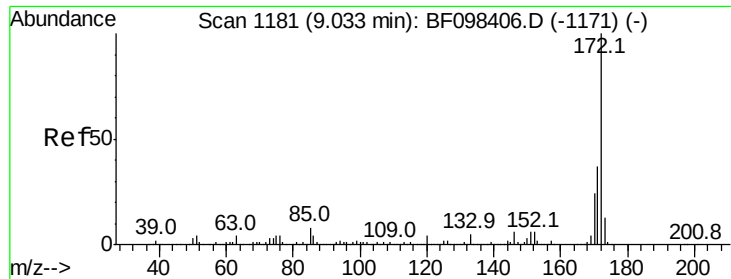
332 97.0 76.6 115.0

141 43.6 31.4 47.2



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: 62.546 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.03 min

Lab File: BF098585.D

Acq: 15 Sep 2017 22:54

Instrument :

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ClientSampleId :

SASP2P-TP-BM-2(0-5)COMP

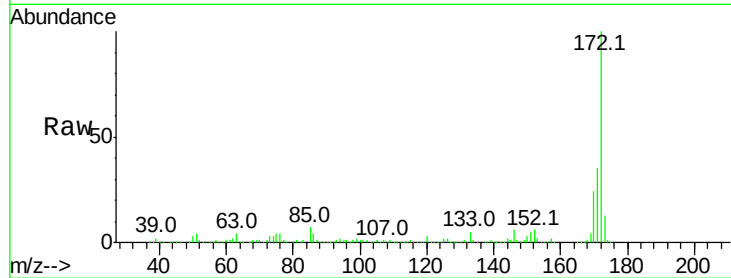
Tot Ion:172 Resp: 939704

Ion Ratio Lower Upper

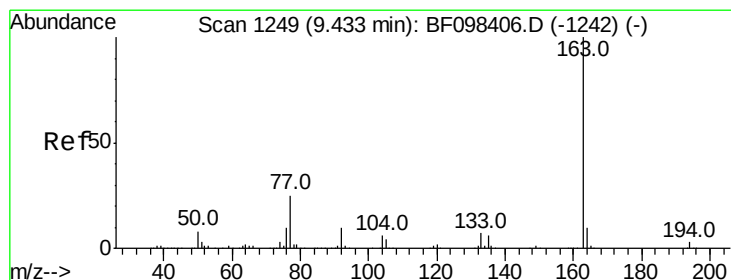
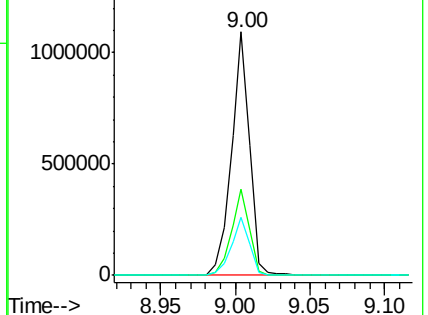
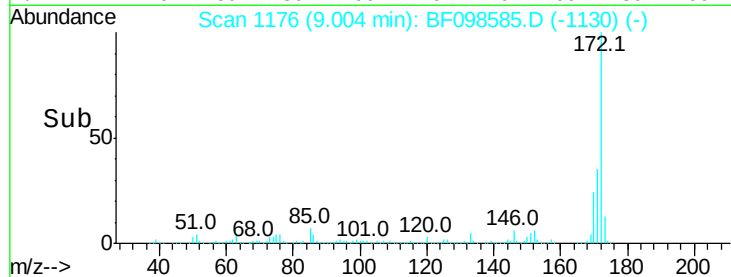
172 100

171 35.5 29.6 44.4

170 23.8 19.8 29.8



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



#49

Dimethylphthalate

Concen: 9.775 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.03 min

Lab File: BF098585.D

Acq: 15 Sep 2017 22:54

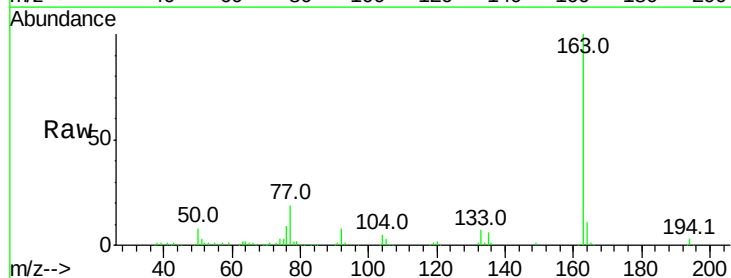
Tgt Ion:163 Resp: 192680

Ion Ratio Lower Upper

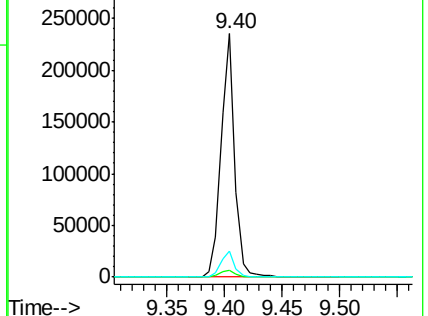
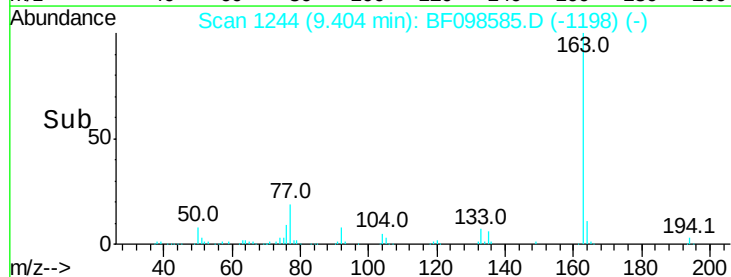
163 100

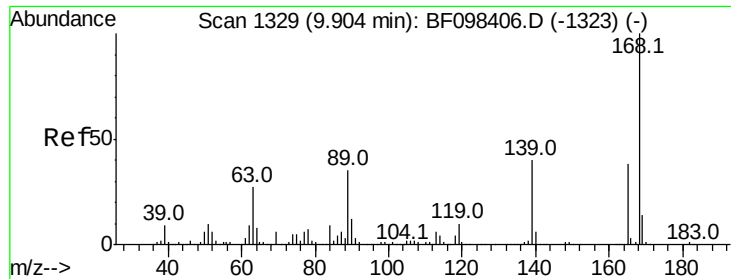
194 3.1 2.6 4.0

164 10.5 8.4 12.6



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

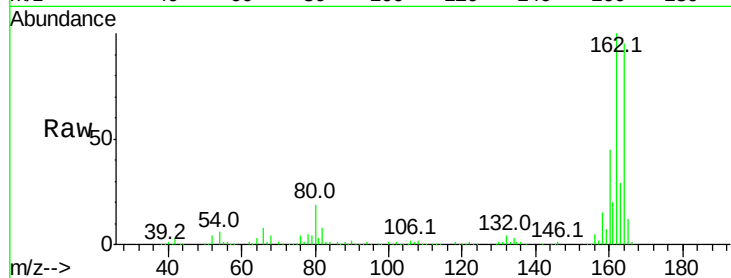




#56
 2,4-Dinitrotoluene
 Concen: 6.580 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.22 min
 Lab File: BF098585.D
 Acq: 15 Sep 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-BM-2(0-5)COMP

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#



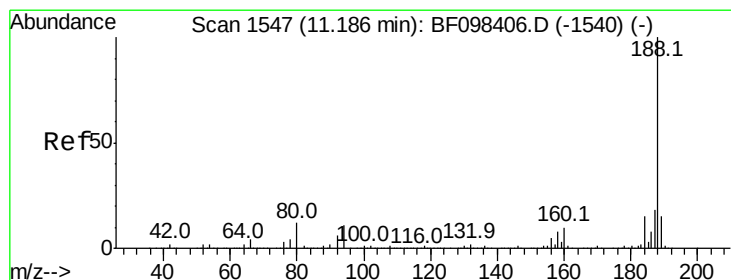
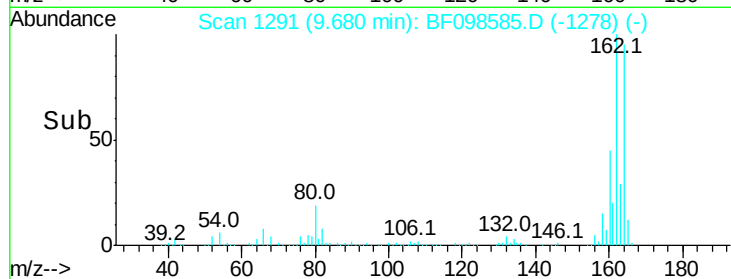
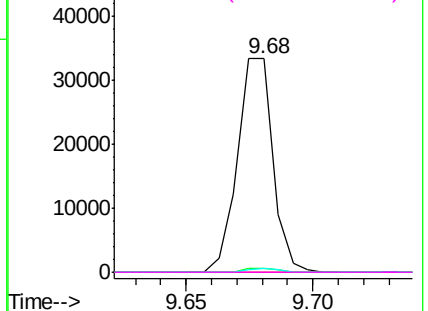
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

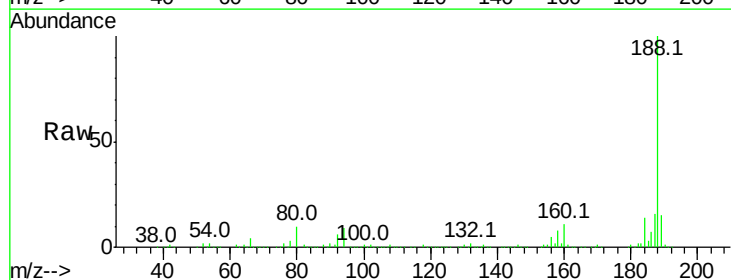
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.02 min
 Lab File: BF098585.D
 Acq: 15 Sep 2017 22:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.4	14.2#
80	9.6	10.2	15.2#

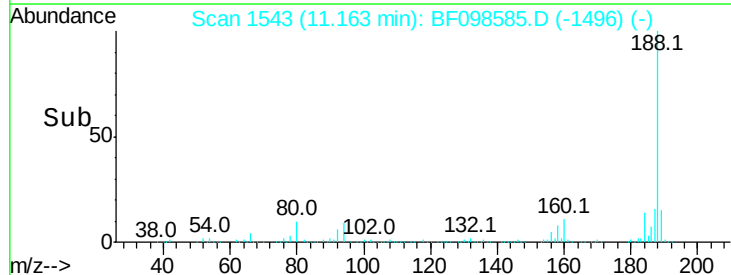
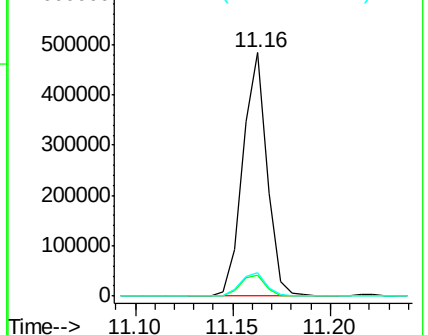


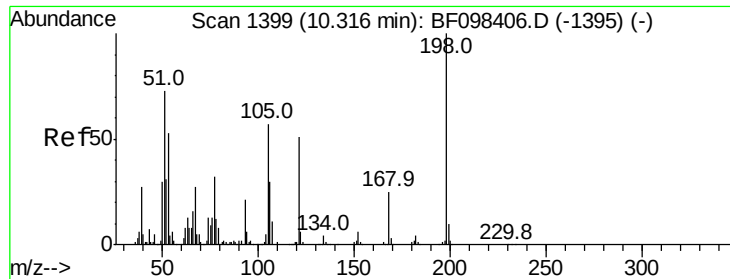
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

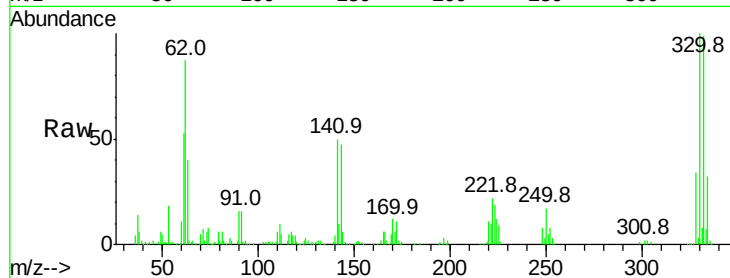




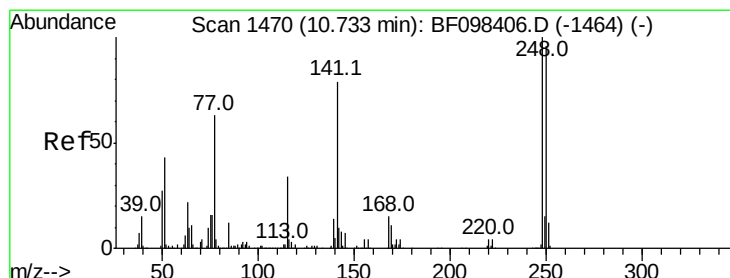
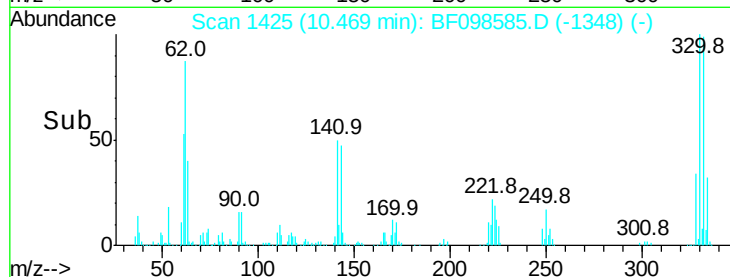
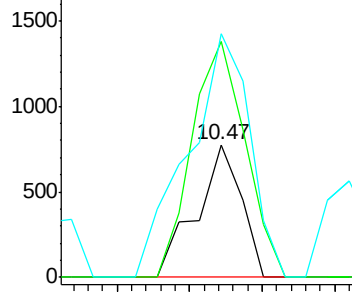
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.198 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.15 min
 Lab File: BF098585.D
 Acq: 15 Sep 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-BM-2(0-5)COMP

Tot Ion:198 Resp: 664
 Ion Ratio Lower Upper
 198 100
 51 177.7 53.2 93.2#
 105 183.5 45.8 85.8#

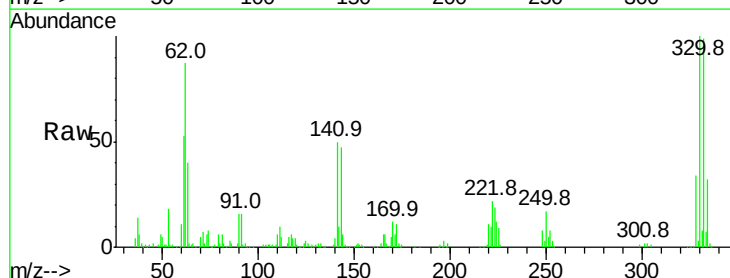


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

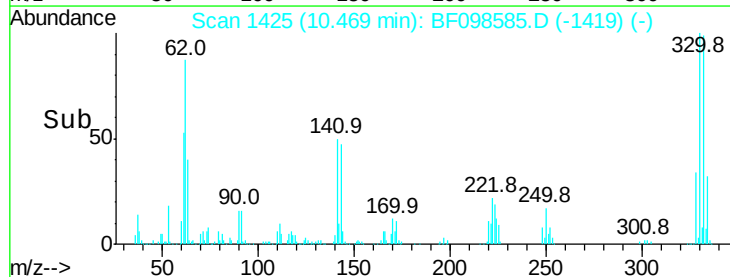
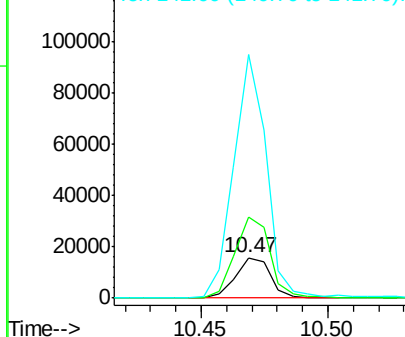


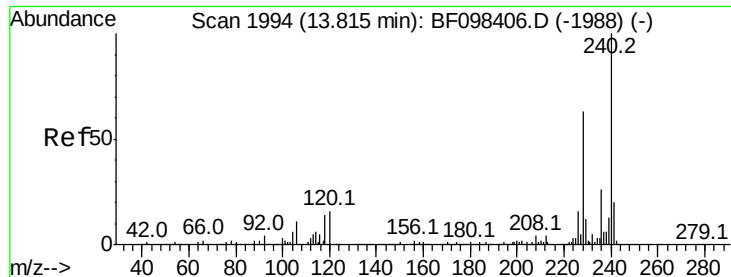
#66
 4-Bromophenyl-phenylether
 Concen: 3.798 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.26 min
 Lab File: BF098585.D
 Acq: 15 Sep 2017 22:54

Tgt Ion:248 Resp: 15004
 Ion Ratio Lower Upper
 248 100
 250 199.0 76.8 115.2#
 141 600.0 68.6 103.0#



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.02 min

Lab File: BF098585.D

Acq: 15 Sep 2017 22:54

Instrument :

BNA_F

ClientSampleId :

SASP2P-TP-BM-2(0-5)COMP

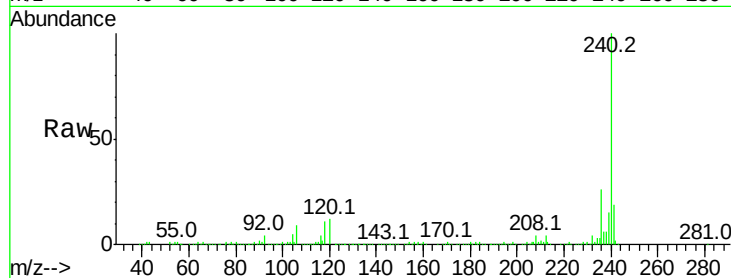
Tot Ion:240 Resp: 299680

Ion Ratio Lower Upper

240 100

120 12.1 5.8 8.8#

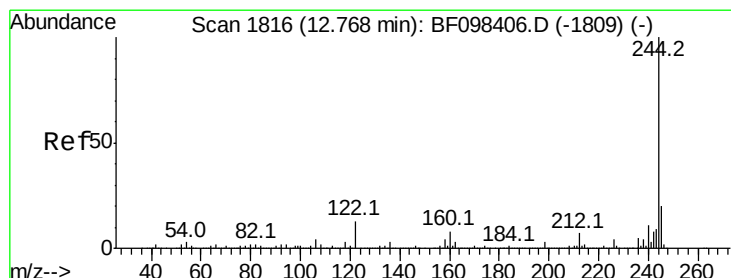
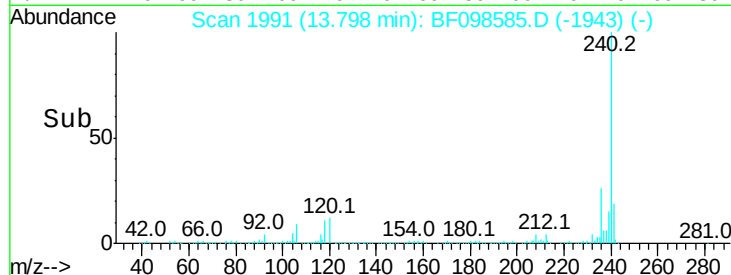
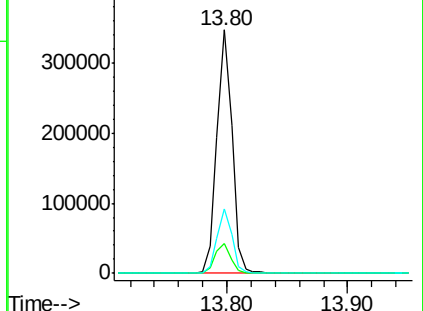
236 26.5 20.5 30.7



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



#78

Terphenyl-d14

Concen: 47.769 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF098585.D

Acq: 15 Sep 2017 22:54

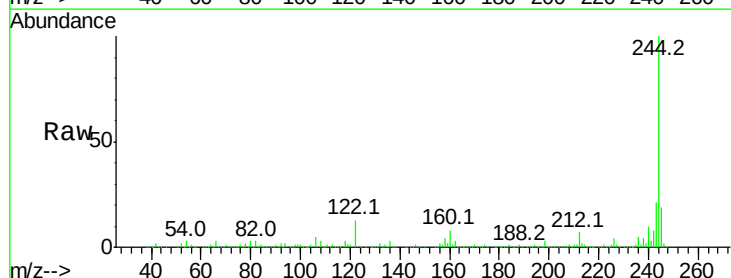
Tgt Ion:244 Resp: 663216

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

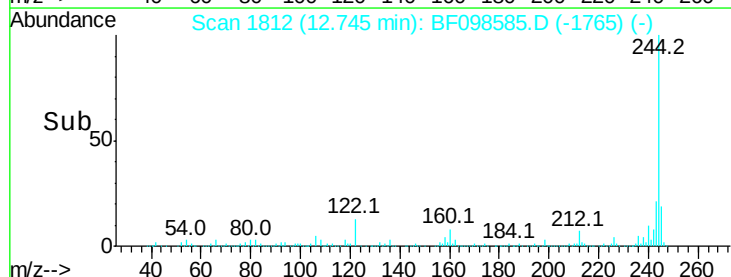
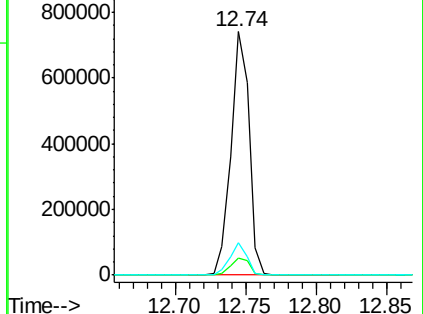
122 13.5 10.3 15.5

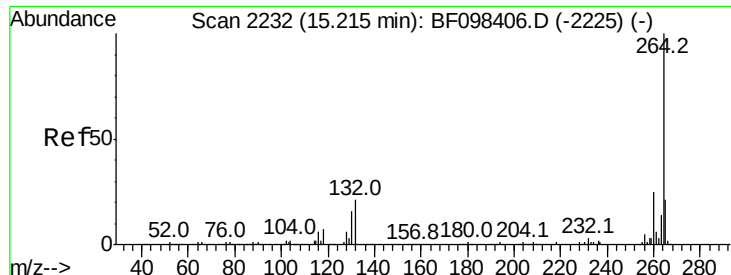


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

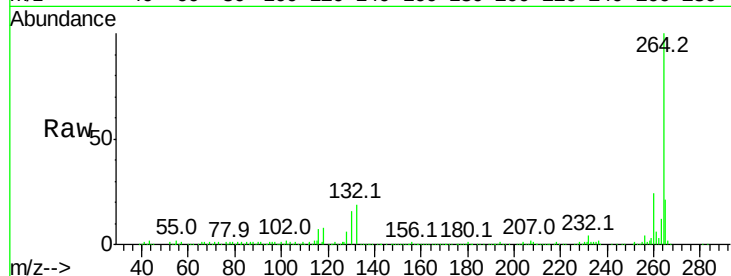




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BF098585.D
 Acq: 15 Sep 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-BM-2(0-5)COMP

Tot Ion:	264	Resp:	276447
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.3	17.2	25.8



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

