

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099612.D
 Acq On : 18 Oct 2017 12:50
 Operator : SJ/JU
 Sample : I5908-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T2-T3-COMP

Quant Time: Oct 18 15:33:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 15:18:49 2017
 Response via : Initial Calibration

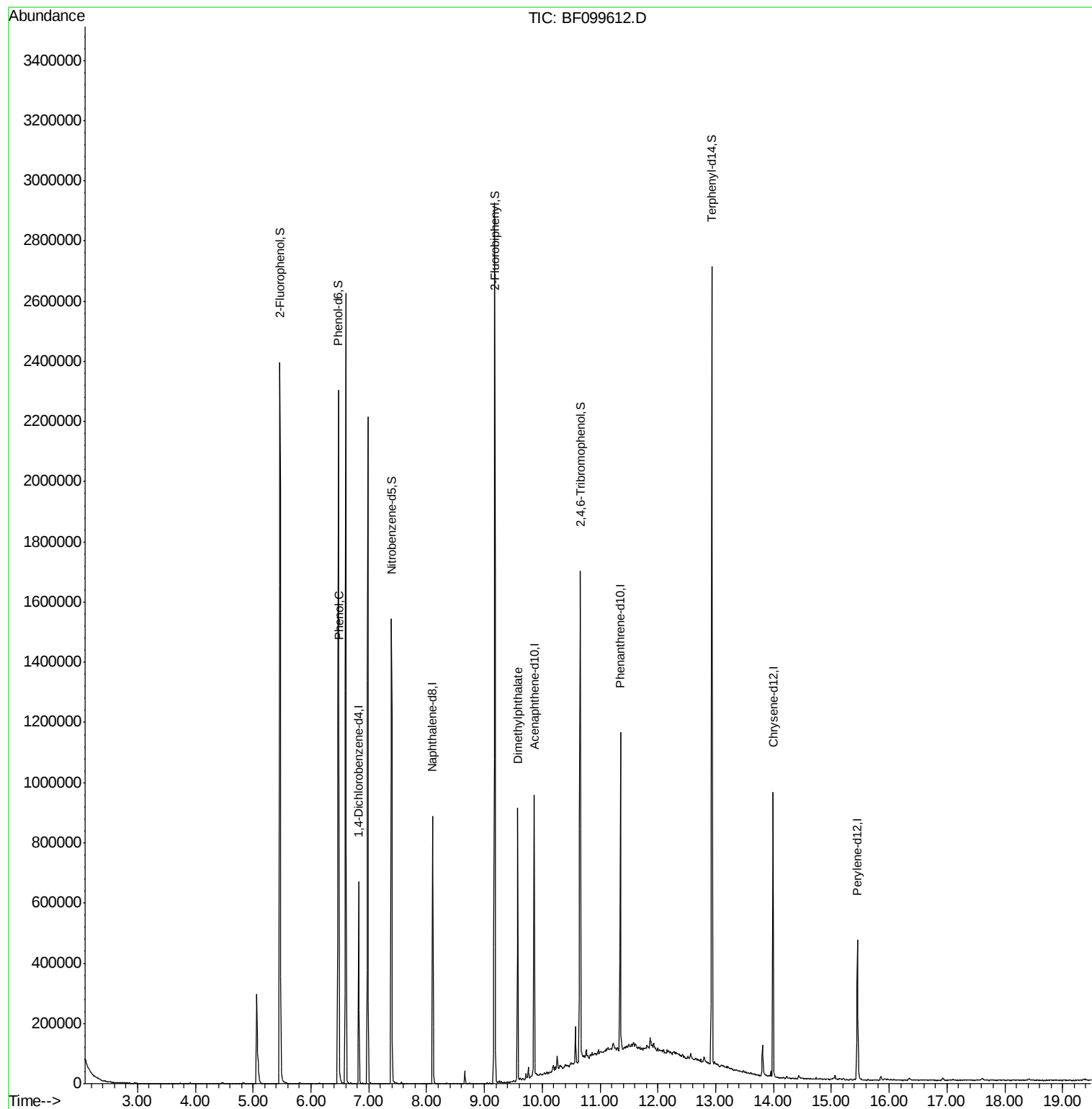
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	107958	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	444396	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	206311	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	374908	20.00	ng	0.00
75) Chrysene-d12	13.99	240	298785	20.00	ng	0.00
86) Perylene-d12	15.45	264	210956	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	832296	122.73	ng	0.01
7) Phenol-d6	6.47	99	1004892	120.12	ng	0.00
23) Nitrobenzene-d5	7.39	82	605018	87.31	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	221736	131.35	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1072003	86.74	ng	0.00
78) Terphenyl-d14	12.93	244	929729	70.77	ng	0.00
Target Compounds						
10) Phenol	6.49	94	57458	6.141	ng	93
49) Dimethylphthalate	9.57	163	358074	22.996	ng	100

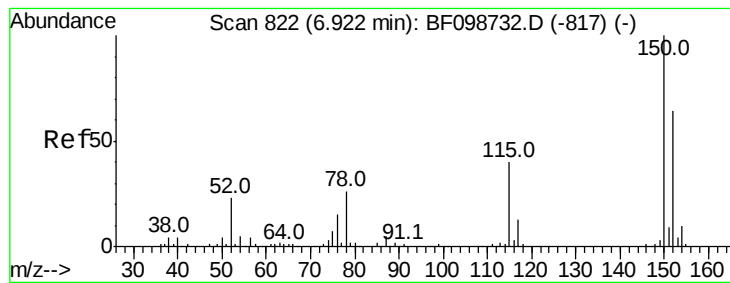
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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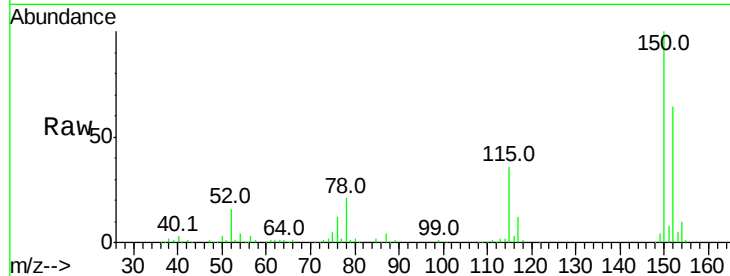


#1

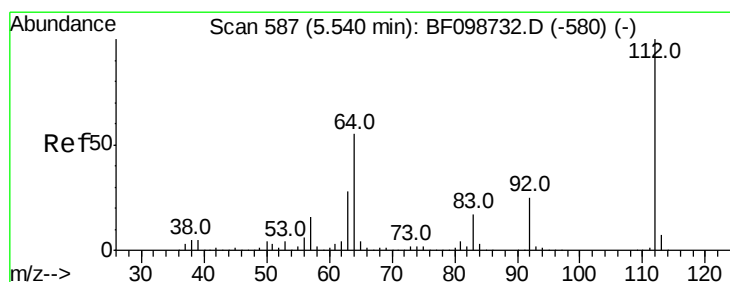
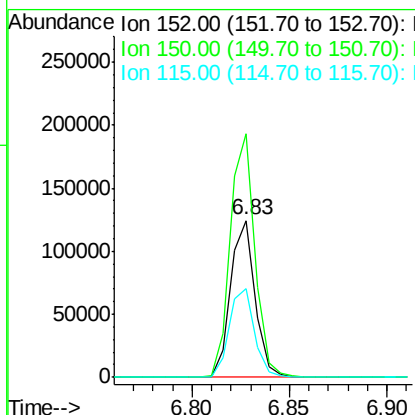
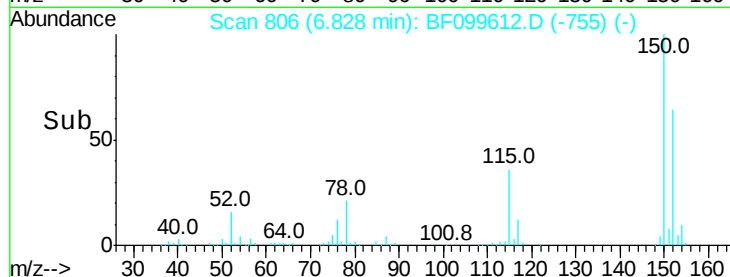
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099612.D
Acq: 18 Oct 2017 12:50

Instrument :
BNA_F
ClientSampleId :
T2-T3-COMP

Tot Ion:152 Resp: 107958
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 56.5 50.1 75.1



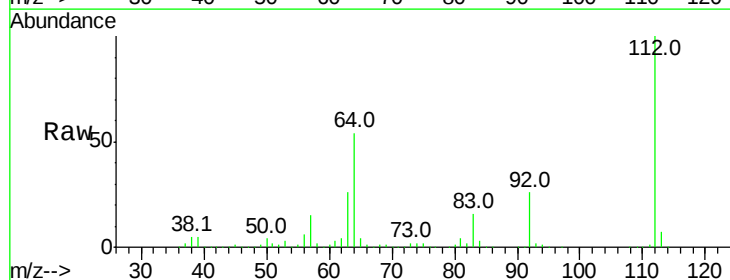
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



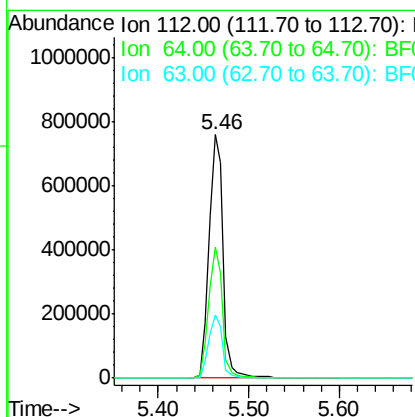
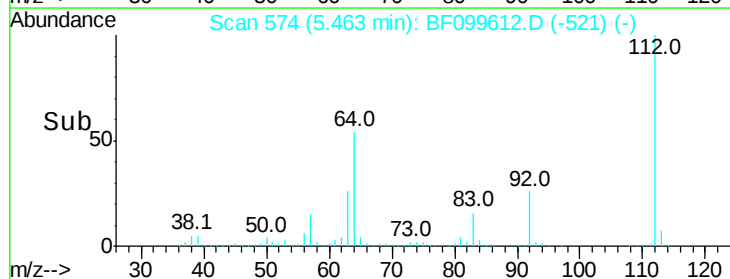
#5

2-Fluorophenol
Concen: 122.727 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF099612.D
Acq: 18 Oct 2017 12:50

Tgt Ion:112 Resp: 832296
Ion Ratio Lower Upper
112 100
64 53.6 47.9 71.9
63 26.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.116 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099612.D

Acq: 18 Oct 2017 12:50

Instrument :

BNA_F

ClientSampleId :

T2-T3-COMP

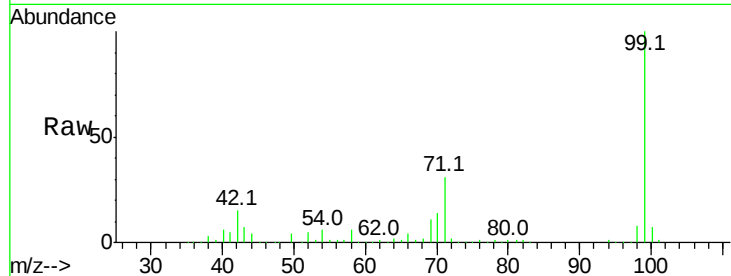
Tot Ion: 99 Resp: 1004892

Ion Ratio Lower Upper

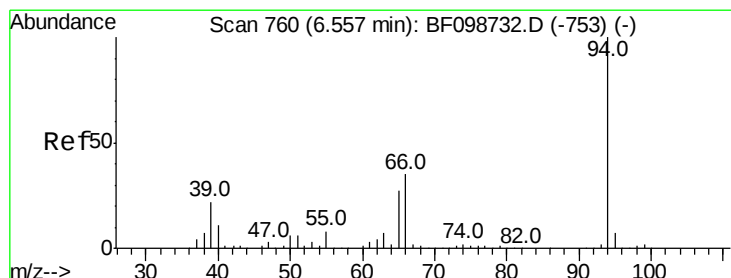
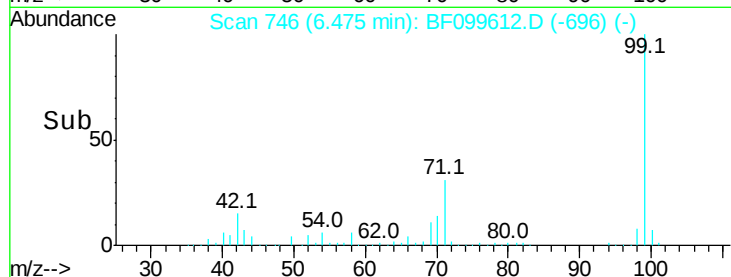
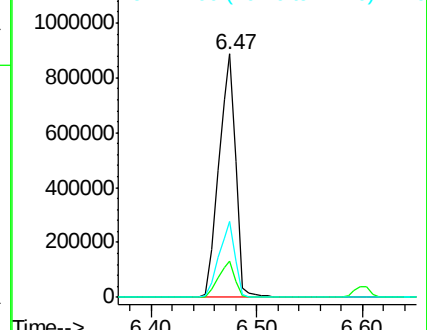
99 100

42 14.7 14.5 21.7

71 30.9 25.4 38.0



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: 6.141 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099612.D

Acq: 18 Oct 2017 12:50

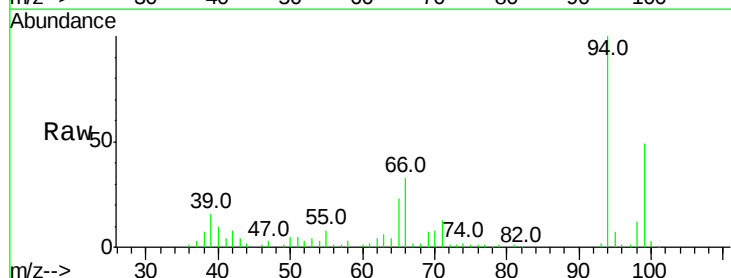
Tgt Ion: 94 Resp: 57458

Ion Ratio Lower Upper

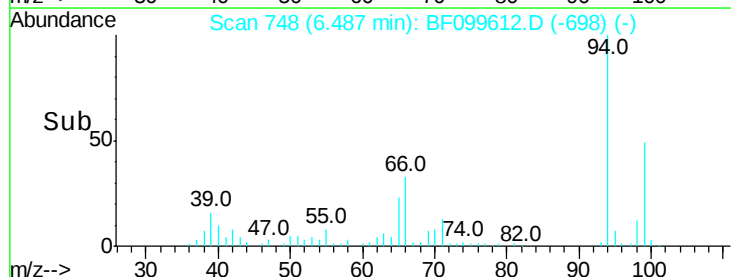
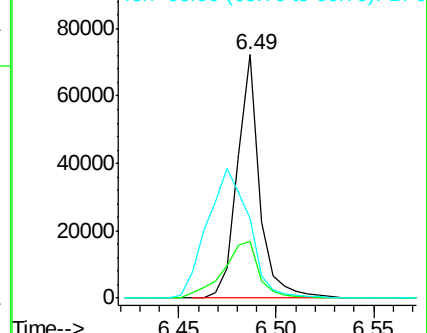
94 100

65 23.2 7.9 47.9

66 32.7 16.2 56.2



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

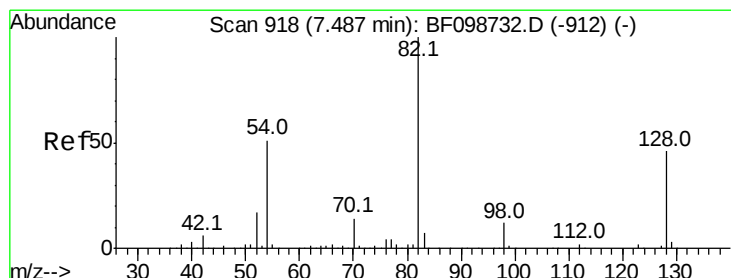
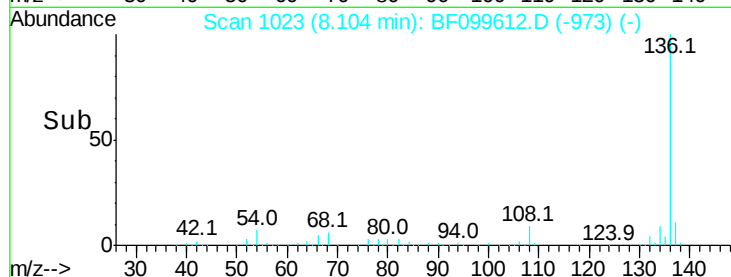
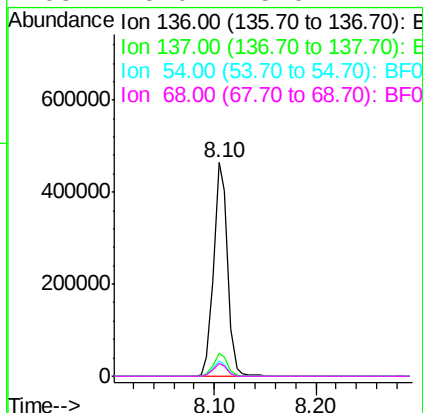
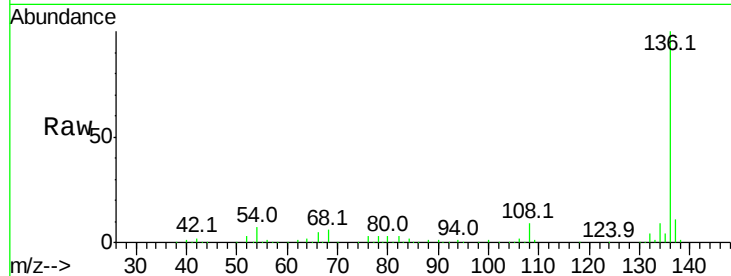




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF099612.D
Acq: 18 Oct 2017 12:50

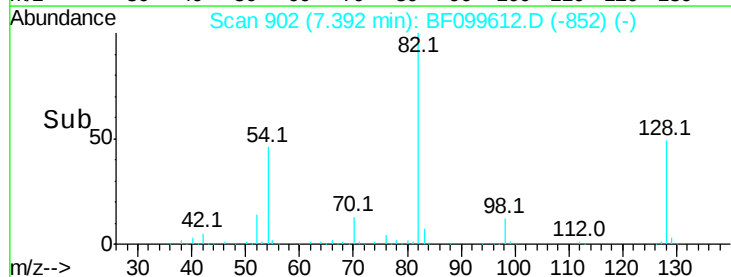
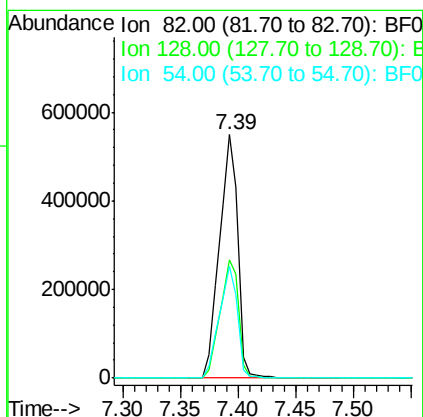
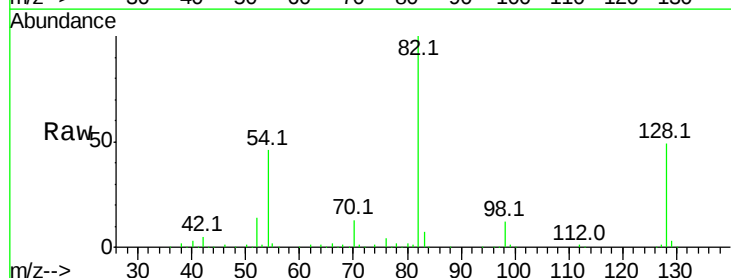
Instrument :
BNA_F
ClientSampleId :
T2-T3-COMP

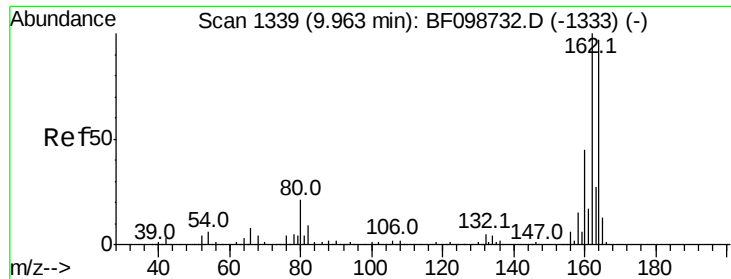
Tot Ion:	136	Resp:	444396
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.4	6.6	9.8
68	6.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 87.309 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099612.D
Acq: 18 Oct 2017 12:50

Tgt Ion:	82	Resp:	605018
Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.1	54.1
54	46.0	41.4	62.2

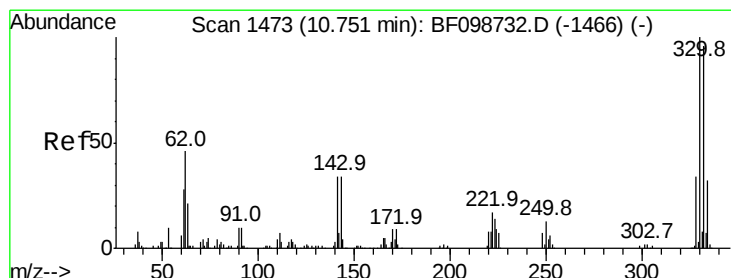
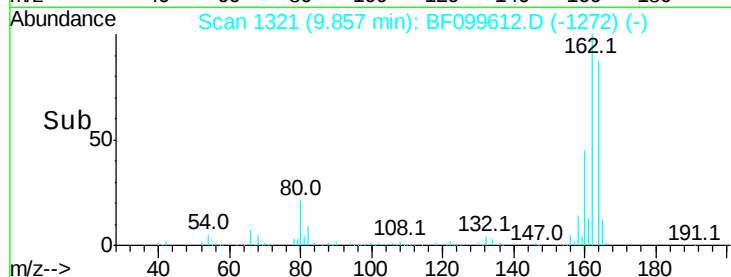
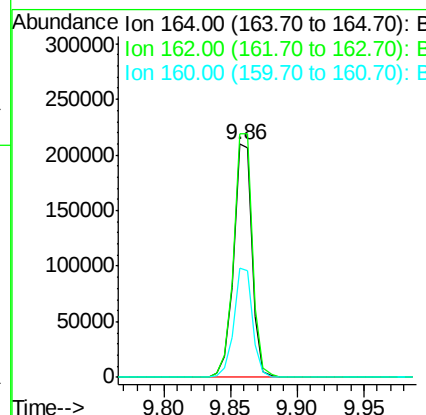
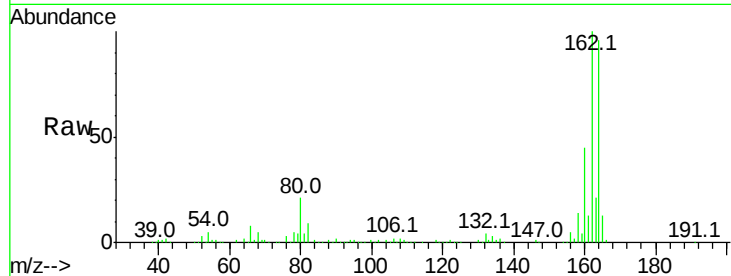




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF099612.D
 Acq: 18 Oct 2017 12:50

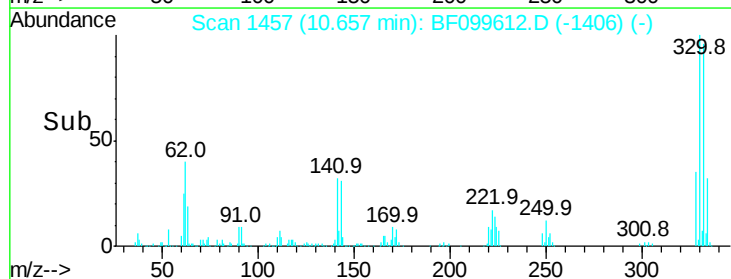
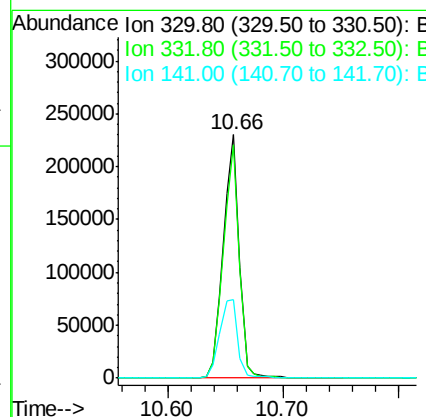
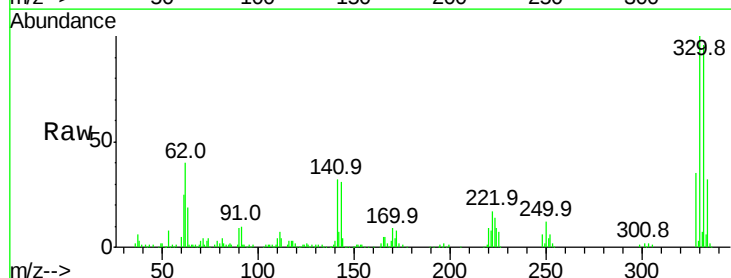
Instrument :
 BNA_F
 ClientSampleId :
 T2-T3-COMP

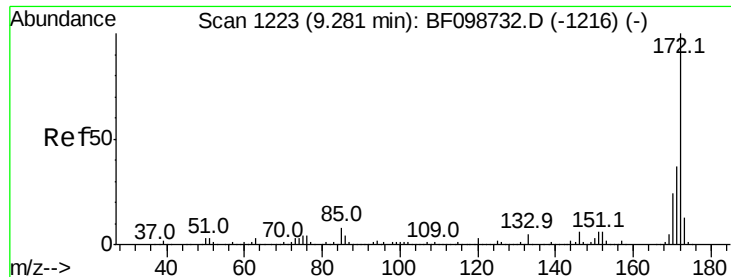
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	46.7	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 131.346 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF099612.D
 Acq: 18 Oct 2017 12:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	37.4	29.9	44.9



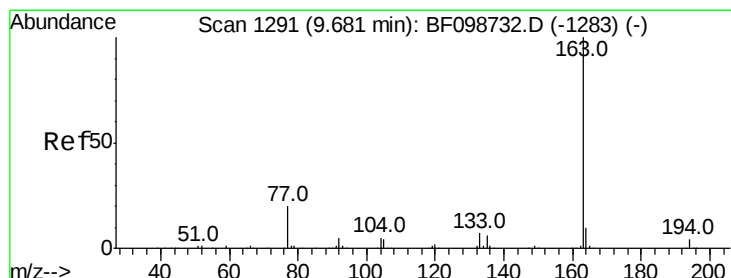
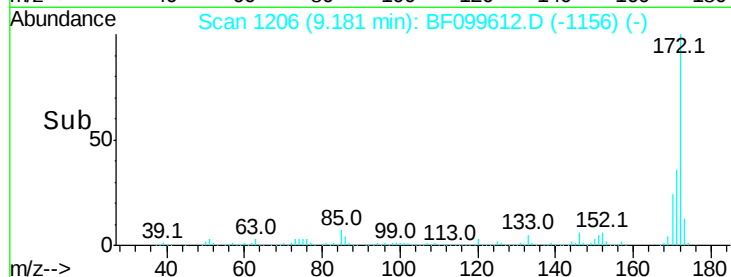
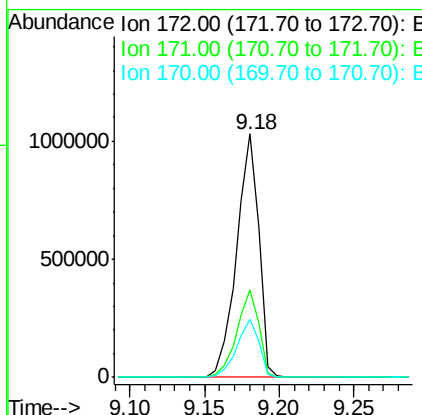
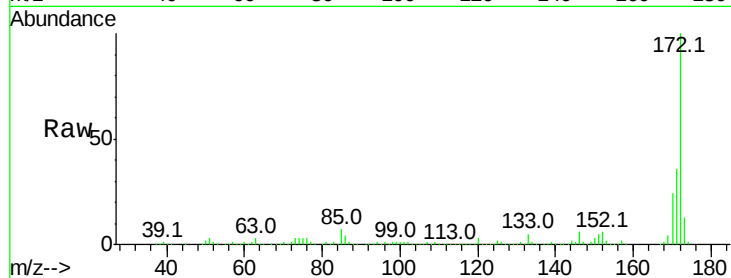


#44
 2-Fluorobiphenyl
 Concen: 86.744 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099612.D
 Acq: 18 Oct 2017 12:50

Instrument :
 BNA_F
 ClientSampleId :
 T2-T3-COMP

Tot Ion:172 Resp: 1072003

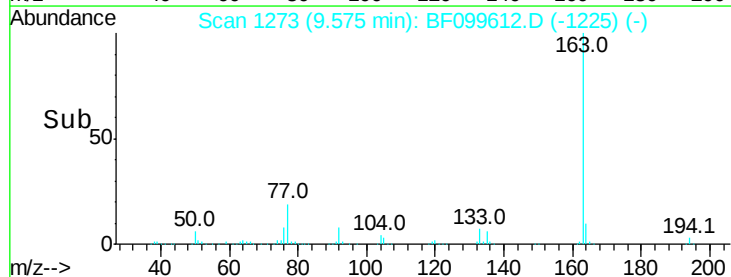
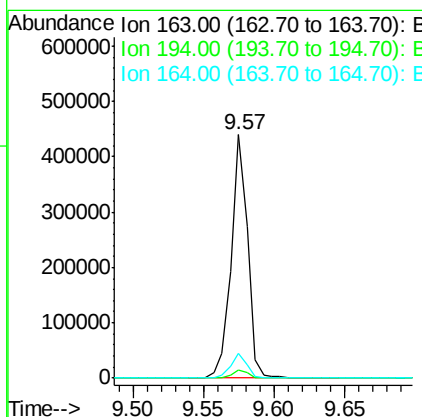
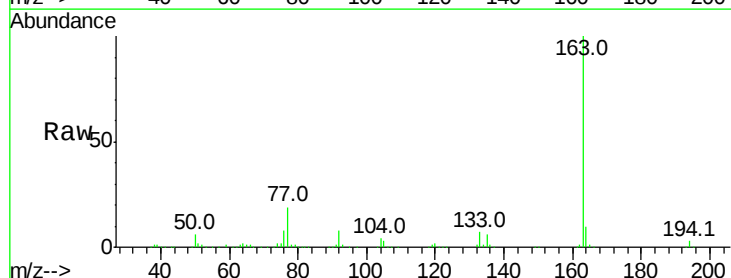
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.0	19.6	29.4

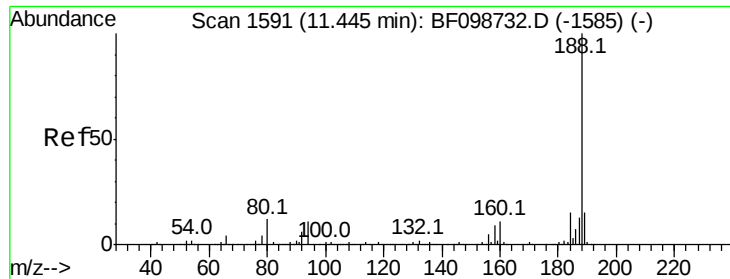


#49
 Dimethylphthalate
 Concen: 22.996 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. -0.02 min
 Lab File: BF099612.D
 Acq: 18 Oct 2017 12:50

Tgt Ion:163 Resp: 358074

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.3	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF099612.D

Acq: 18 Oct 2017 12:50

Instrument :

BNA_F

ClientSampleId :

T2-T3-COMP

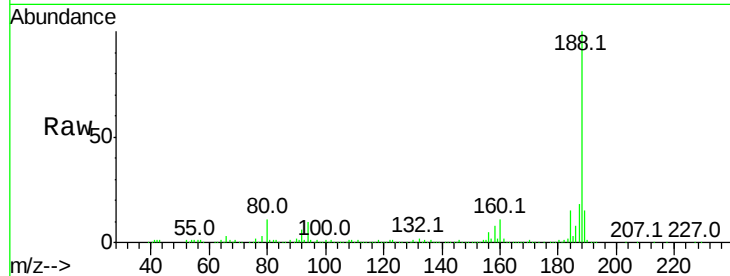
Tot Ion:188 Resp: 374908

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

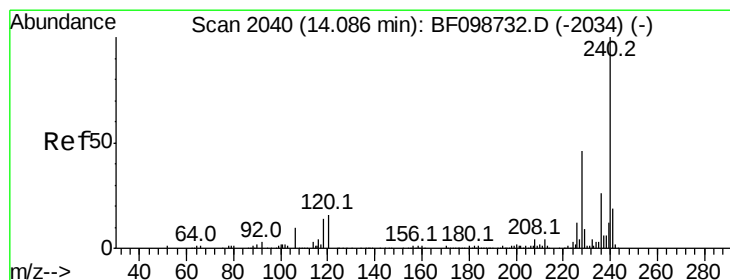
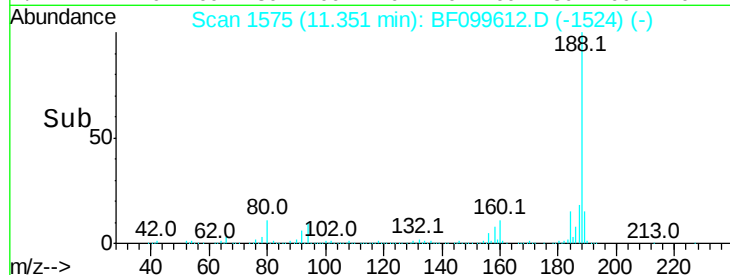
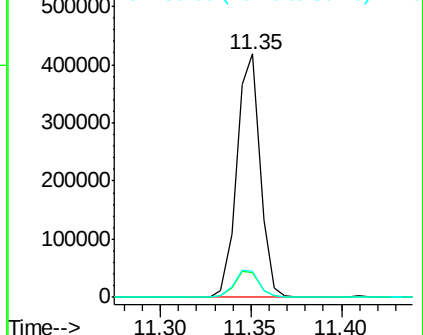
80 10.7 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF099612.D

Acq: 18 Oct 2017 12:50

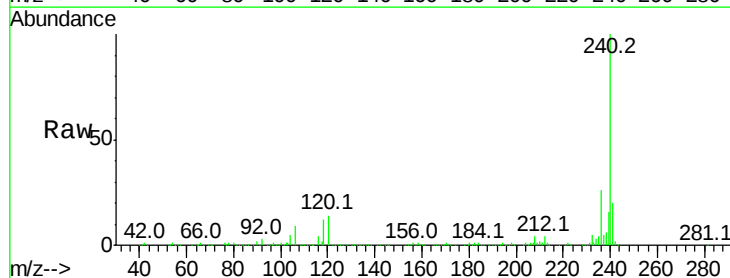
Tgt Ion:240 Resp: 298785

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

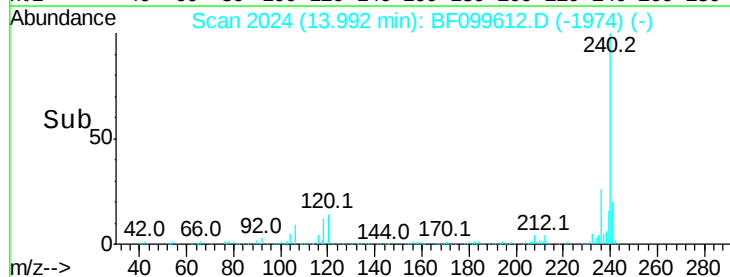
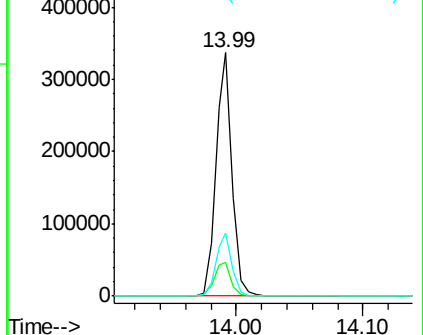
236 25.7 20.7 31.1



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: 70.766 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF099612.D

Acq: 18 Oct 2017 12:50

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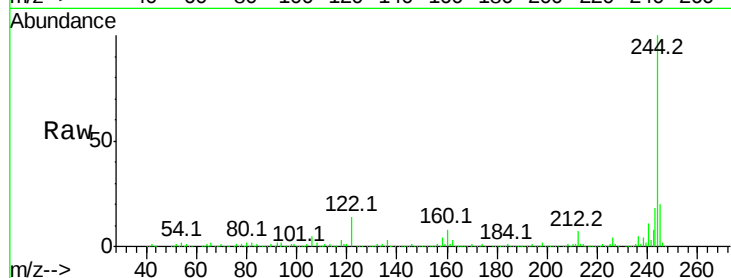
Tot Ion:244 Resp: 929729

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

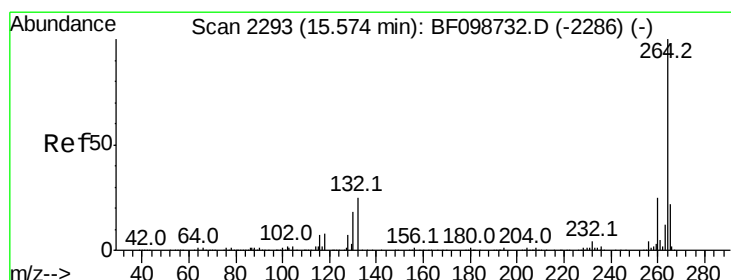
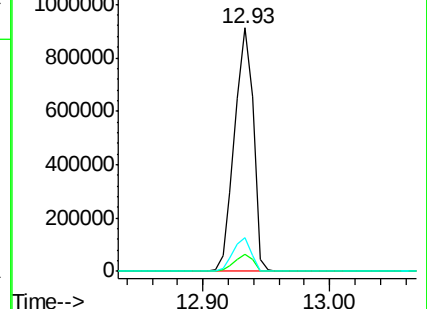
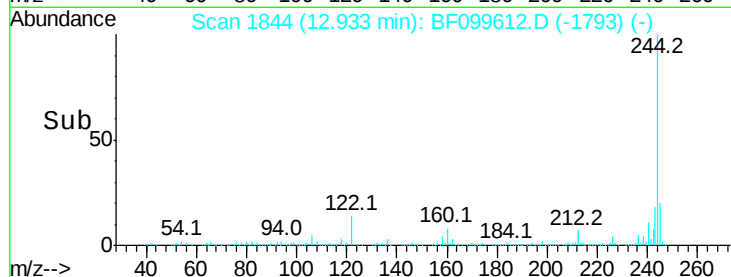
122 13.7 11.0 16.4



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: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF099612.D

Acq: 18 Oct 2017 12:50

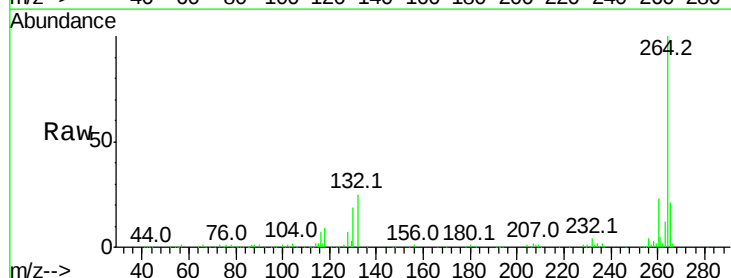
Tgt Ion:264 Resp: 210956

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.4 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

