

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098884.D
 Acq On : 28 Sep 2017 1:17
 Operator : SJ/JU
 Sample : I5419-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-106V(0-5)

Quant Time: Sep 28 06:57:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

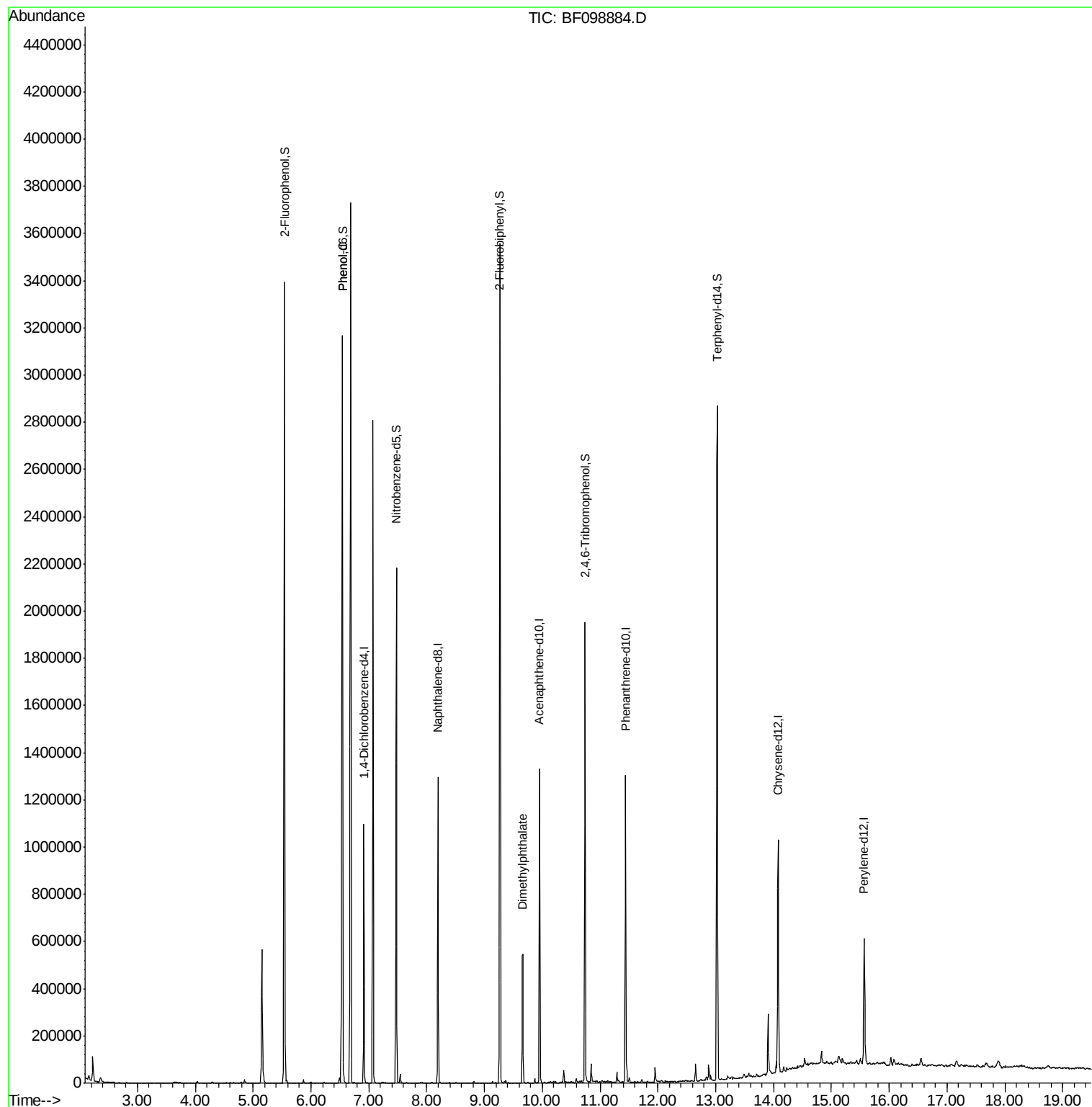
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	143172	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	587061	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	252325	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	402122	20.00	ng	0.00
75) Chrysene-d12	14.08	240	291147	20.00	ng	0.00
86) Perylene-d12	15.57	264	224602	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1079745	120.05	ng	0.00
7) Phenol-d6	6.55	99	1308676	117.95	ng	0.00
23) Nitrobenzene-d5	7.47	82	798899	87.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	221906	107.48	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1182882	78.26	ng	-0.01
78) Terphenyl-d14	13.03	244	904882	70.68	ng	0.00
Target Compounds						
10) Phenol	6.55	94	25722	2.073	ng	85
49) Dimethylphthalate	9.66	163	223084	11.714	ng	99

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

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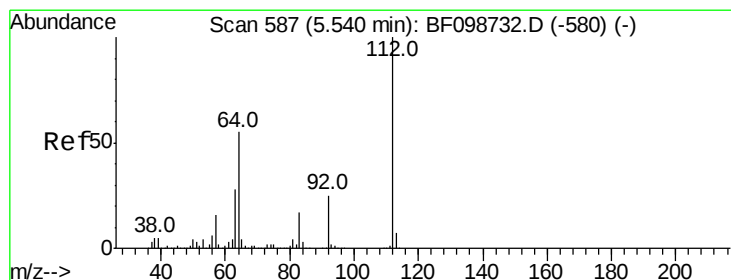
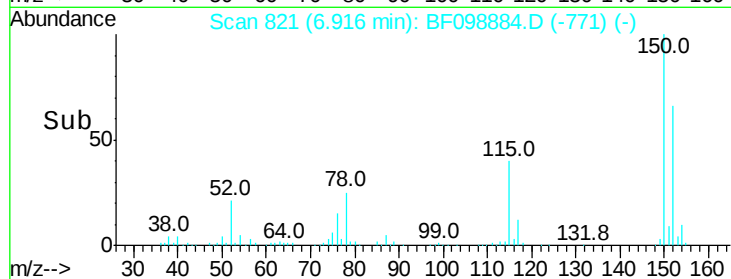
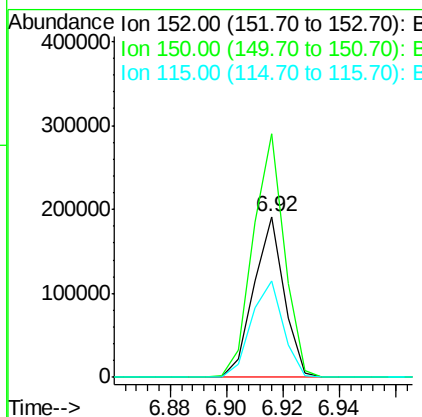
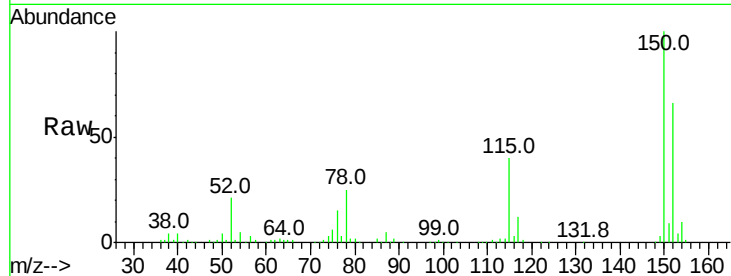


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098884.D
Acq: 28 Sep 2017 1:17

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106V(0-5)

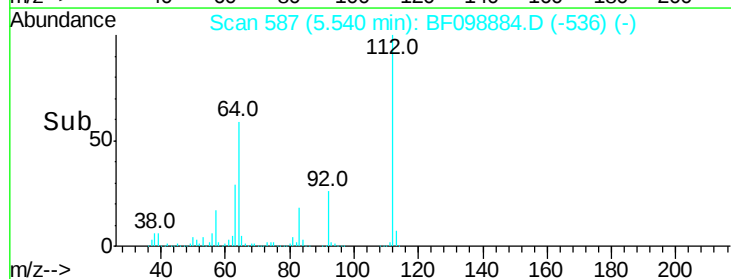
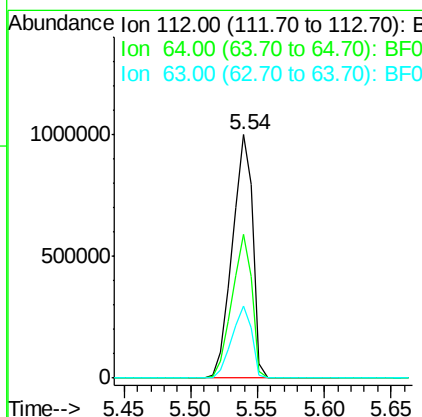
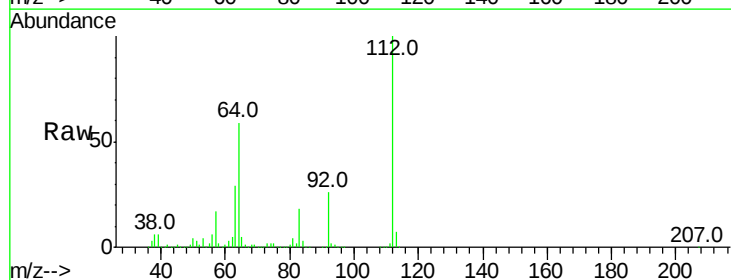
Tot Ion:152 Resp: 143172
Ion Ratio Lower Upper
152 100
150 151.4 124.6 186.8
115 59.9 50.1 75.1

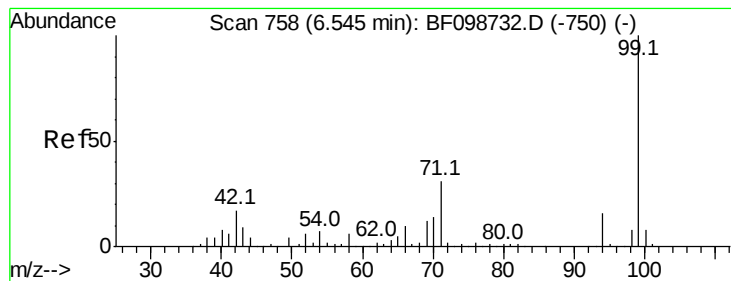


#5

2-Fluorophenol
Concen: 120.055 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF098884.D
Acq: 28 Sep 2017 1:17

Tgt Ion:112 Resp: 1079745
Ion Ratio Lower Upper
112 100
64 58.8 47.9 71.9
63 29.5 23.7 35.5





#7

Phenol-d6

Concen: 117.954 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098884.D

Acq: 28 Sep 2017 1:17

Instrument :

BNA_F

ClientSampleId :

SASP2P-TP-106V(0-5)

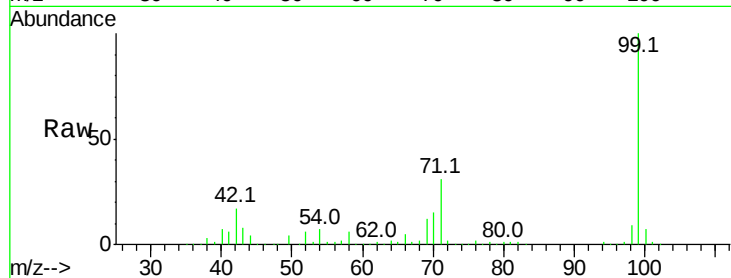
Tot Ion: 99 Resp: 1308676

Ion Ratio Lower Upper

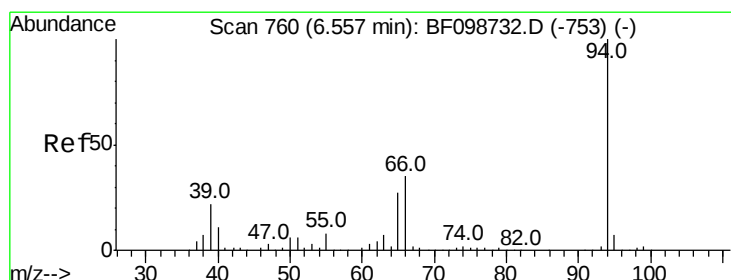
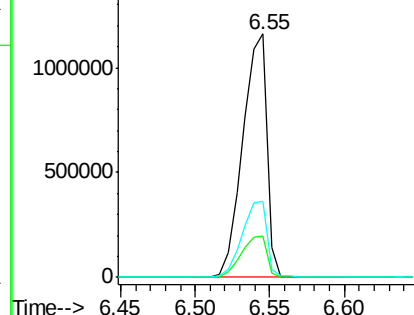
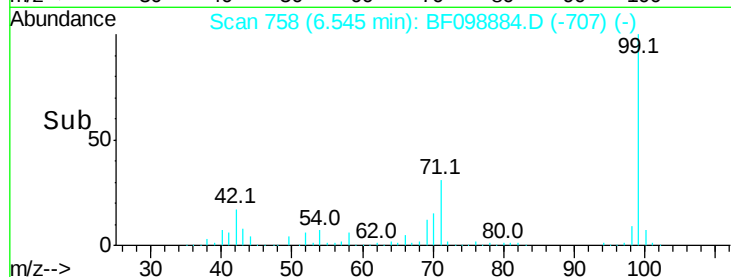
99 100

42 16.8 14.5 21.7

71 31.2 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: 2.073 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098884.D

Acq: 28 Sep 2017 1:17

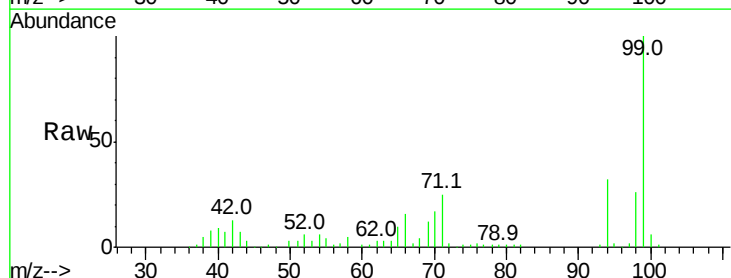
Tgt Ion: 94 Resp: 25722

Ion Ratio Lower Upper

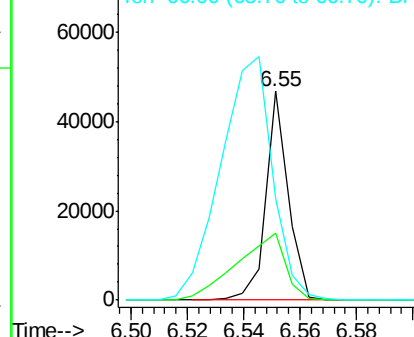
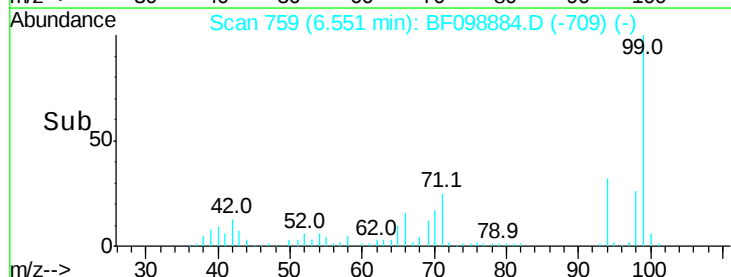
94 100

65 31.8 7.9 47.9

66 48.9 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

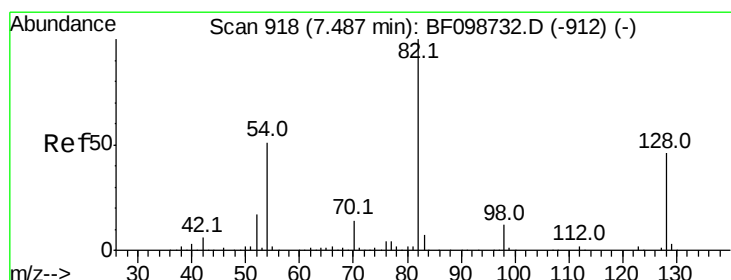
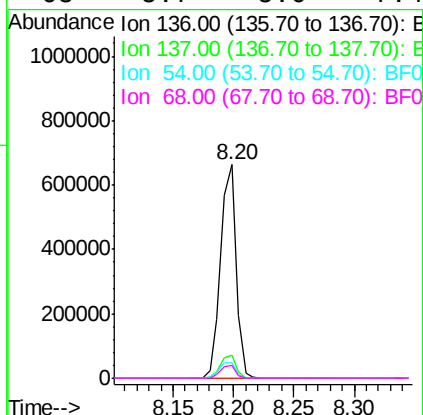
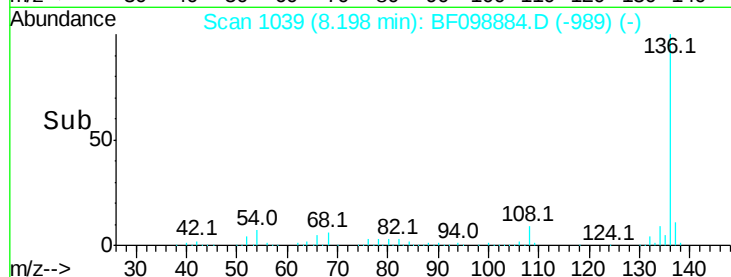
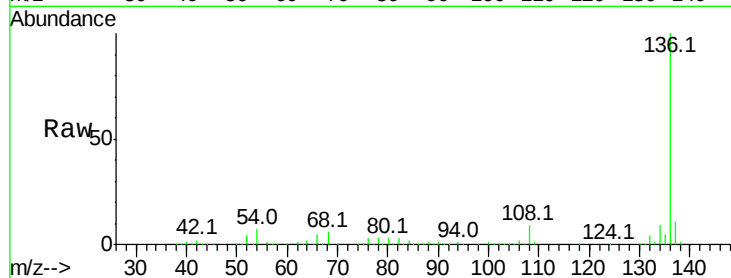




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098884.D
Acq: 28 Sep 2017 1:17

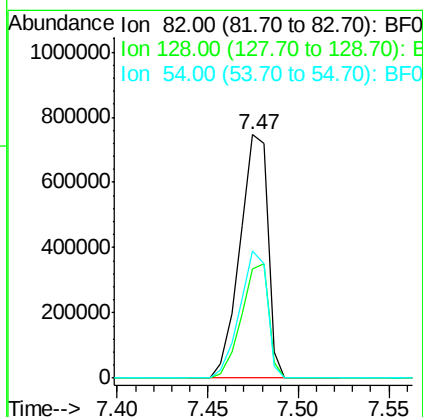
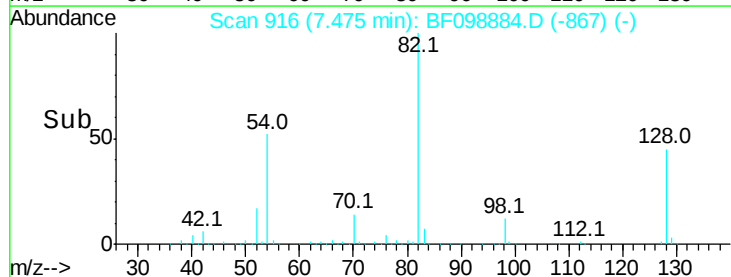
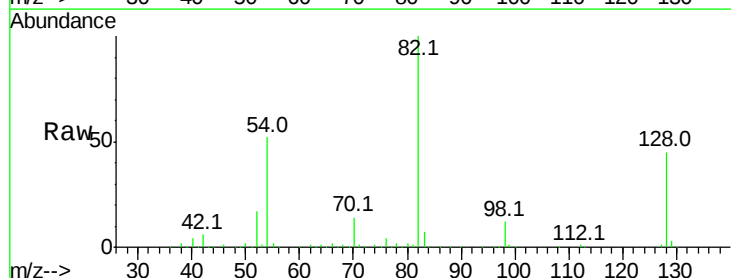
Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106V(0-5)

Tot Ion:	136	Resp:	587061
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.4	6.6	9.8
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 87.271 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098884.D
Acq: 28 Sep 2017 1:17

Tgt Ion:	82	Resp:	798899
Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	52.1	41.4	62.2

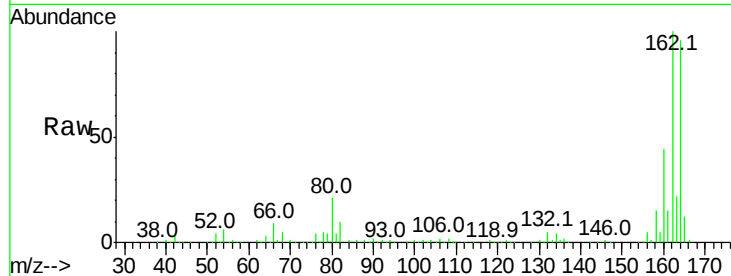




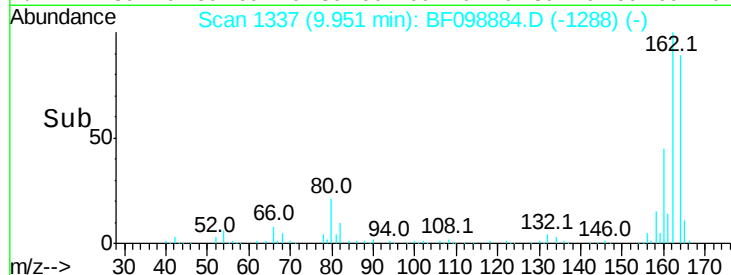
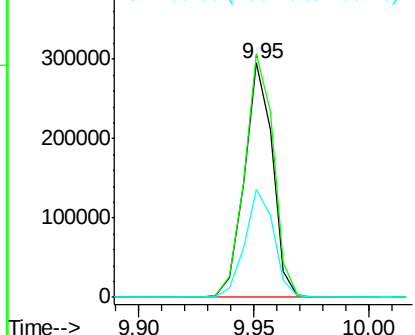
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098884.D
Acq: 28 Sep 2017 1:17

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106V(0-5)

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	45.9	38.3	57.5

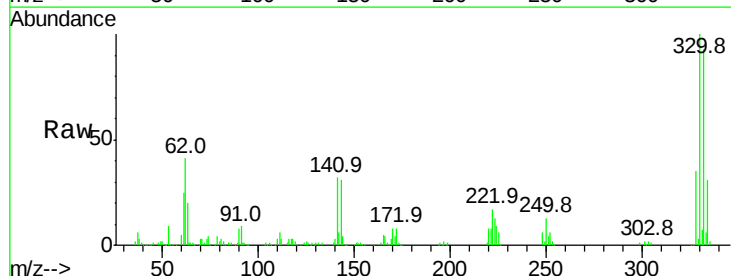


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

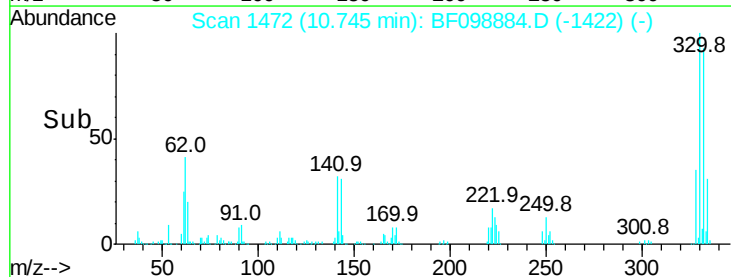
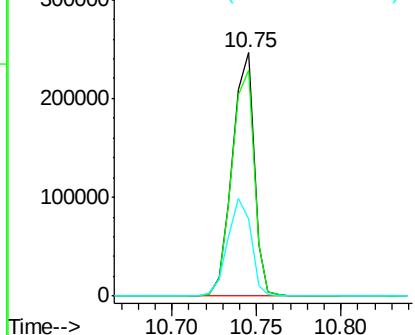


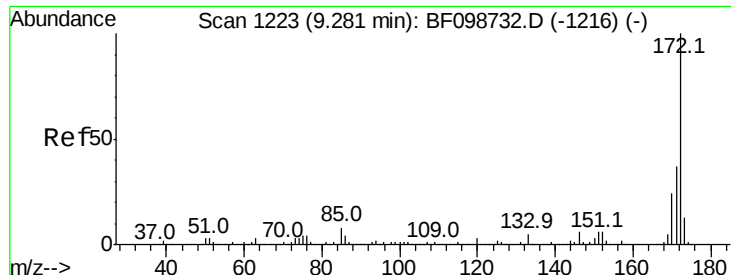
#41
2,4,6-Tribromophenol
Concen: 107.476 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098884.D
Acq: 28 Sep 2017 1:17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	42.7	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



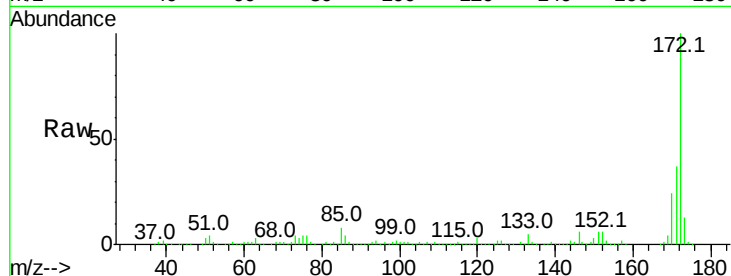


#44
2-Fluorobiphenyl
Concen: 78.261 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF098884.D
Acq: 28 Sep 2017 1:17

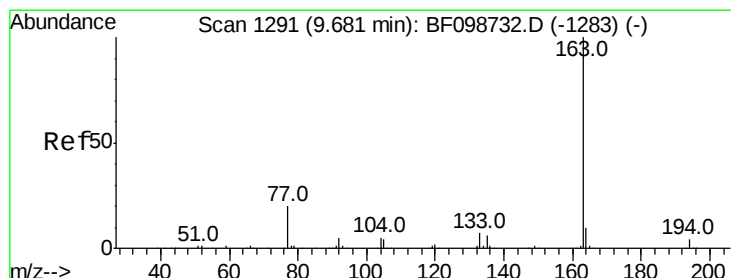
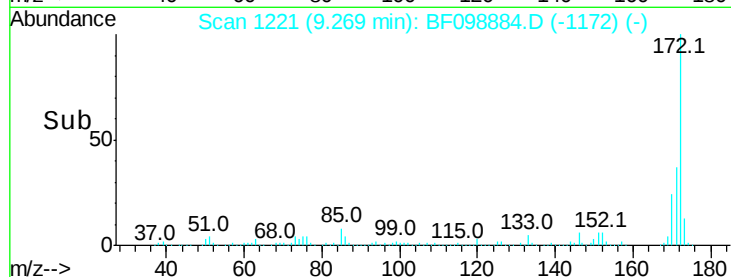
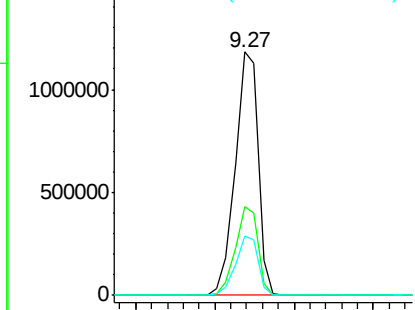
Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106V(0-5)

Tot Ion:172 Resp: 1182882

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	19.6	29.4



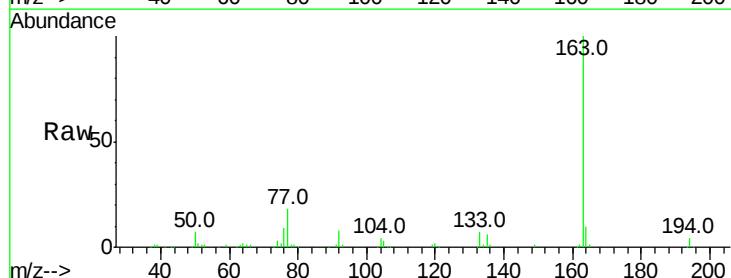
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



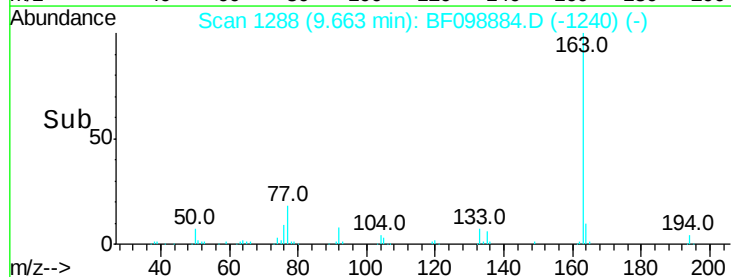
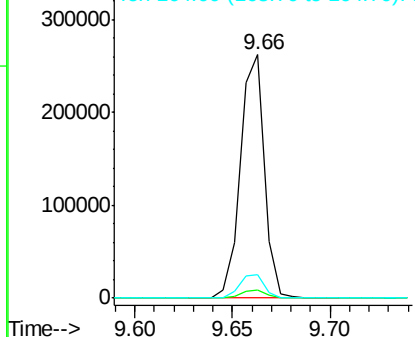
#49
Dimethylphthalate
Concen: 11.714 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098884.D
Acq: 28 Sep 2017 1:17

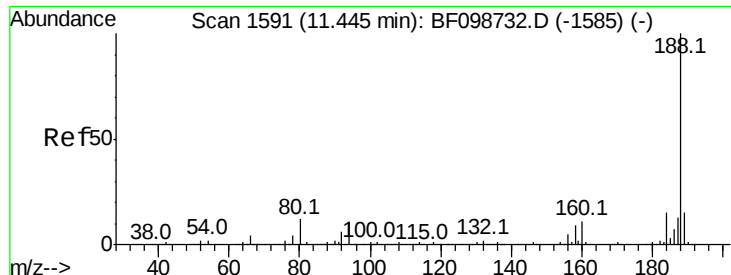
Tgt Ion:163 Resp: 223084

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.9	8.2	12.2



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

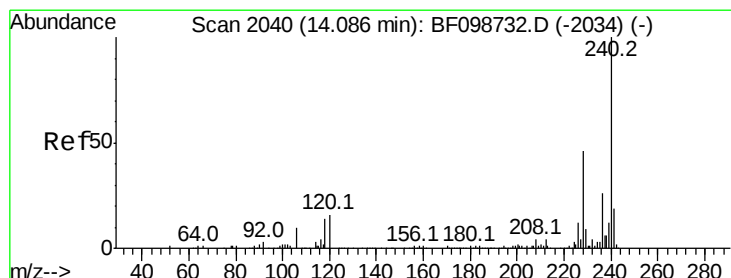
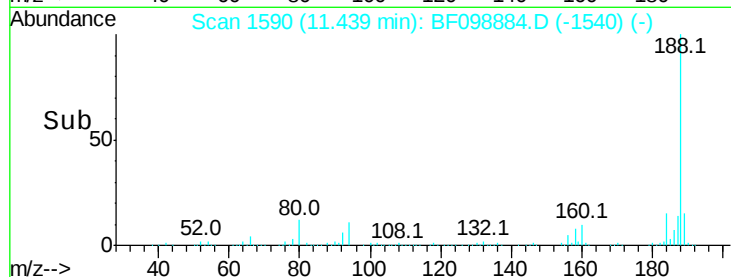
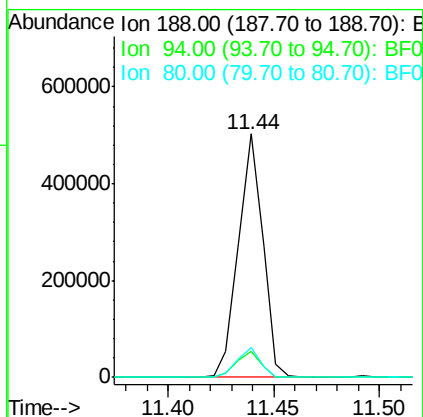
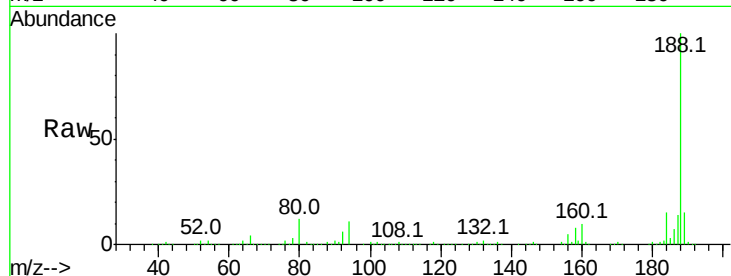




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098884.D
Acq: 28 Sep 2017 1:17

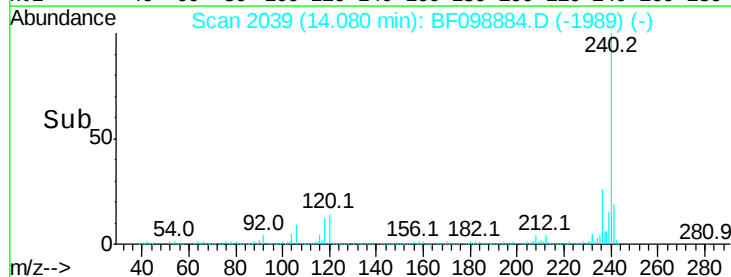
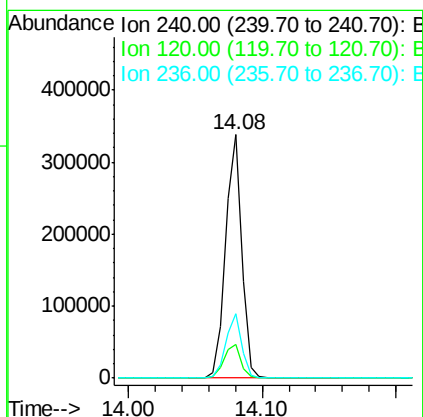
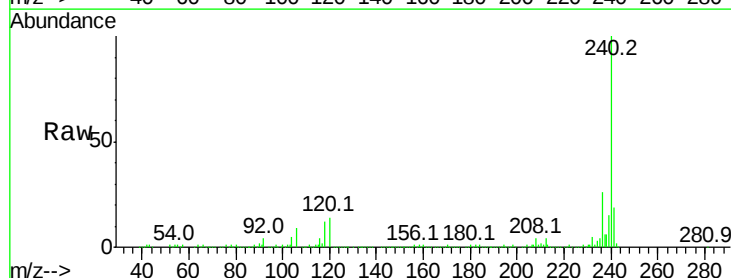
Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106V(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	402122		
94	10.6		8.5	12.7
80	12.1		9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098884.D
Acq: 28 Sep 2017 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	291147		
120	14.0		9.5	14.3
236	26.2		20.7	31.1





#78

Terphenyl-d14

Concen: 70.682 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098884.D

Acq: 28 Sep 2017 1:17

Instrument :

BNA_F

ClientSampleId :

SASP2P-TP-106V(0-5)

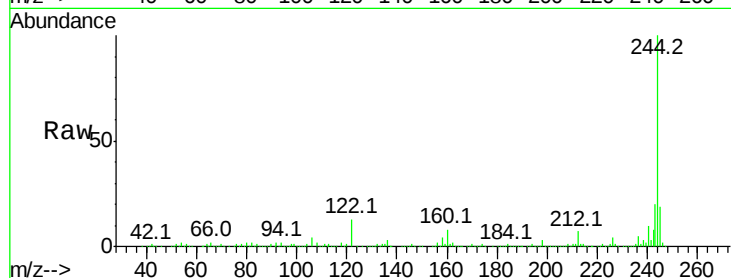
Tot Ion:244 Resp: 904882

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

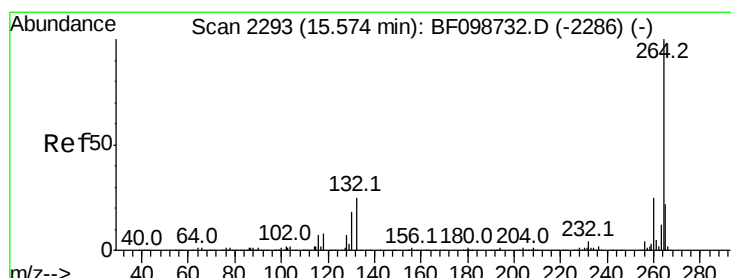
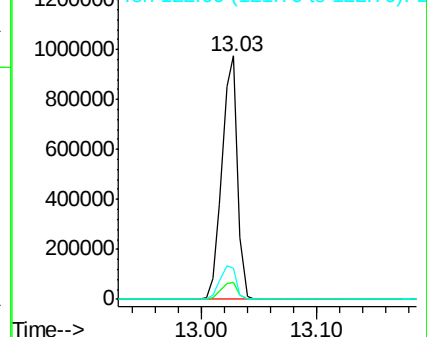
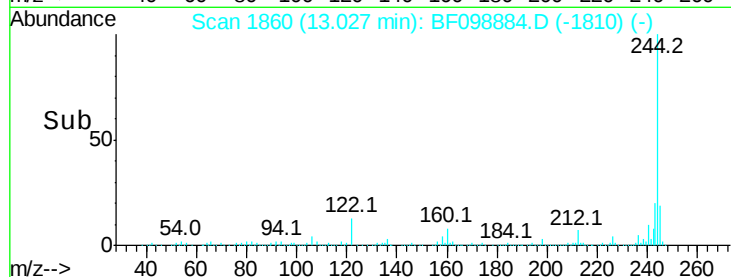
122 12.6 11.0 16.4



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: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098884.D

Acq: 28 Sep 2017 1:17

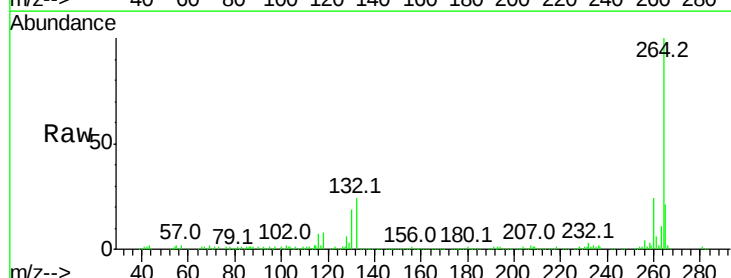
Tgt Ion:264 Resp: 224602

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.0 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

