

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099541.D
 Acq On : 16 Oct 2017 13:45
 Operator : SJ/JU
 Sample : I5776-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-104-2(5-10)

Manual Integrations
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Quant Time: Oct 17 00:10:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	104063	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	429101	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	184136	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	289450	20.00	ng	0.00
75) Chrysene-d12	14.01	240	177251	20.00	ng	0.00
86) Perylene-d12	15.49	264	194739	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	876707	134.11	ng	0.00
7) Phenol-d6	6.49	99	1043602	129.41	ng	0.00
23) Nitrobenzene-d5	7.41	82	636666	95.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	193922	128.70	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1086642	98.52	ng	0.00
78) Terphenyl-d14	12.95	244	719682	92.34	ng	0.00
Target Compounds						
10) Phenol	6.49	94	74225	8.230	ng	94
49) Dimethylphthalate	9.59	163	179166	12.892	ng	100

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

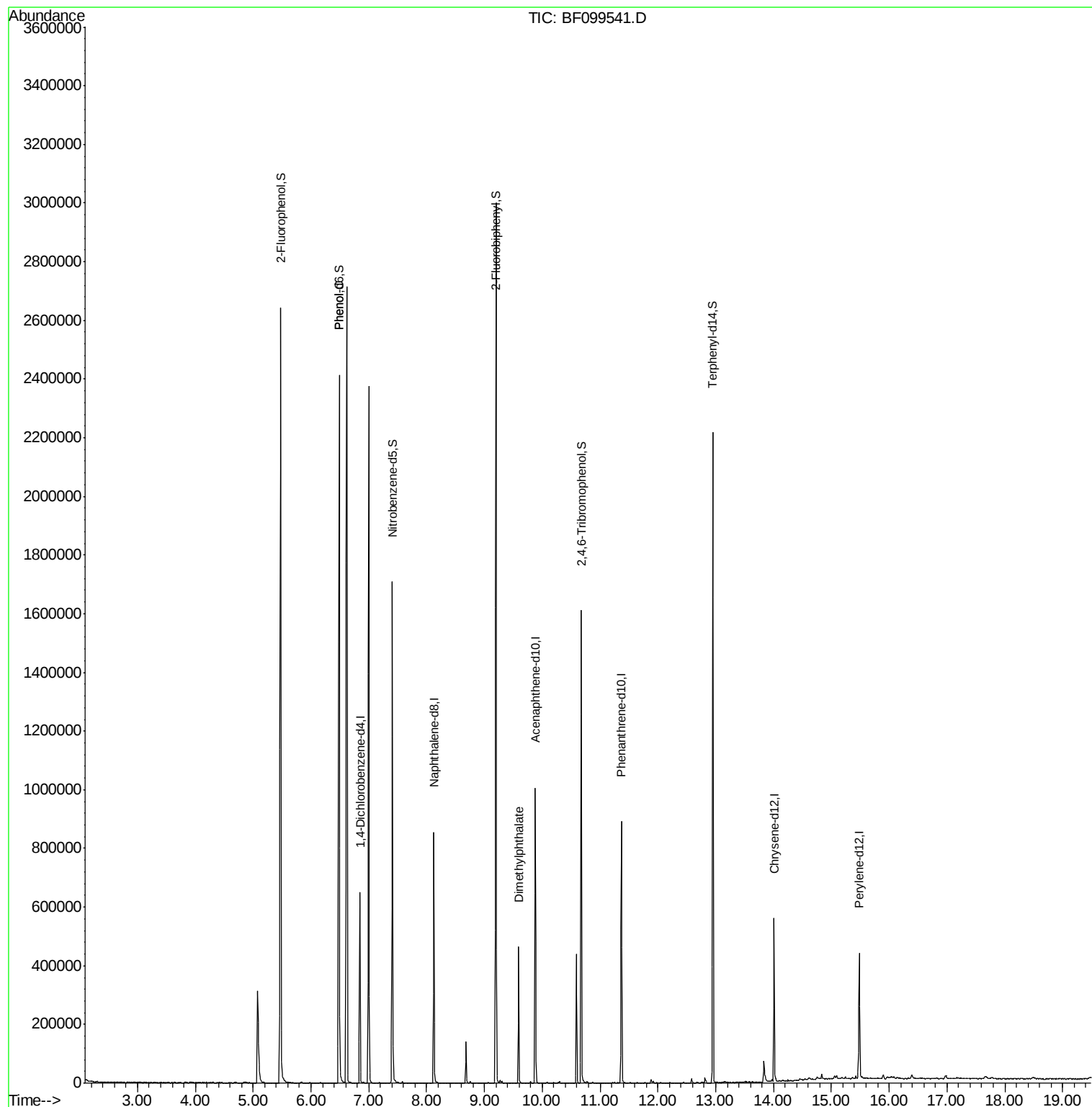
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099541.D
Acq On : 16 Oct 2017 13:45
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Instrument :
BNA_F
ClientSampleId :
ENV-104-2(5-10)

Manual Integrations
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#1

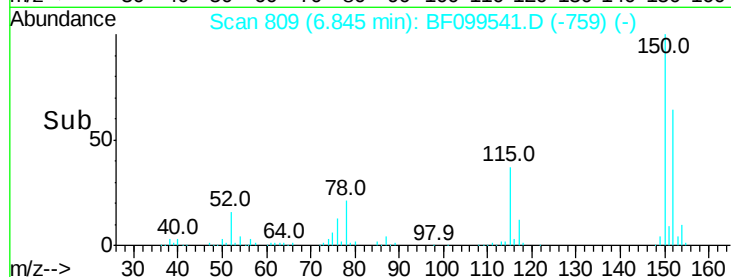
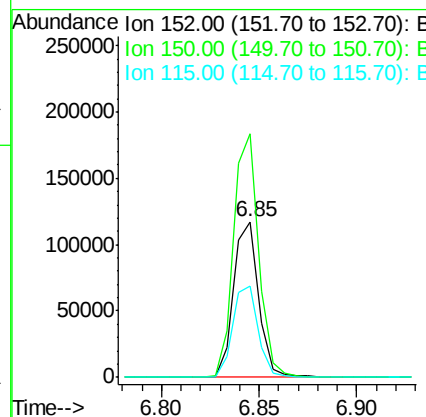
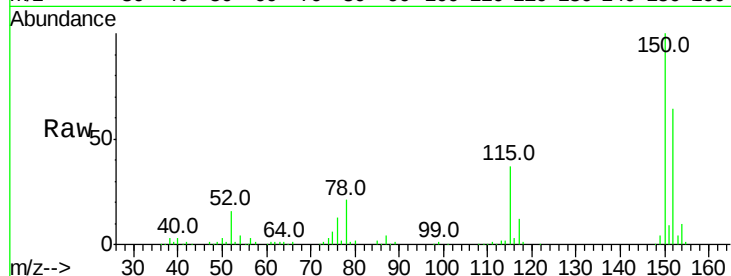
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099541.D
Acq: 16 Oct 2017 13:45

Instrument :
BNA_F
ClientSampled :
ENV-104-2(5-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	58.6	50.1	75.1

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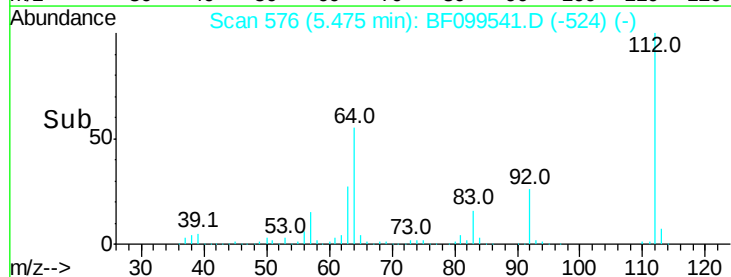
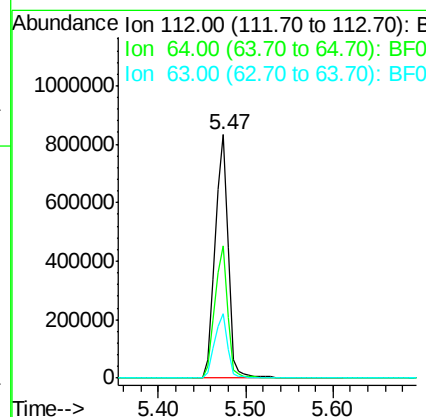
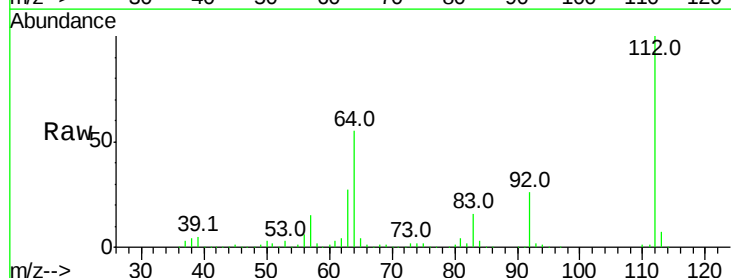
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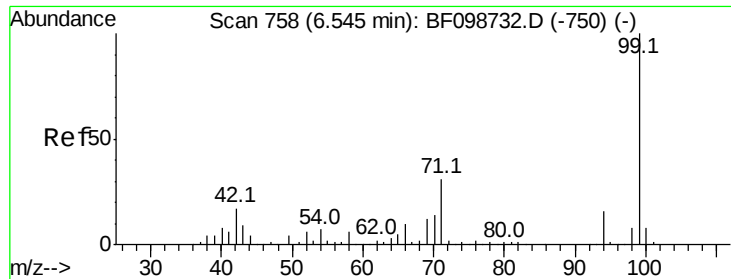


#5

2-Fluorophenol
Concen: 134.114 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099541.D
Acq: 16 Oct 2017 13:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	47.9	71.9
63	26.7	23.7	35.5





#7

Phenol-d6

Concen: 129.412 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099541.D

Acq: 16 Oct 2017 13:45

Instrument :

BNA_F

ClientSampleId :

ENV-104-2(5-10)

Tot Ion: 99 Resp: 1043602

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

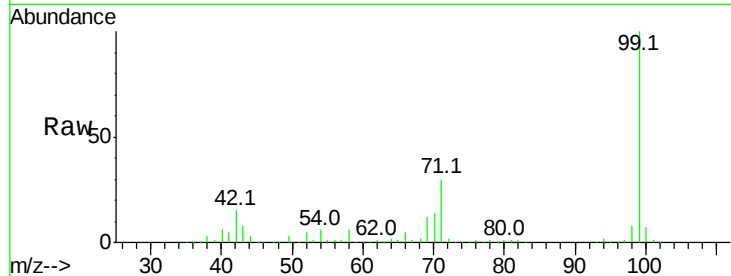
71 29.8 25.4 38.0

Manual Integrations

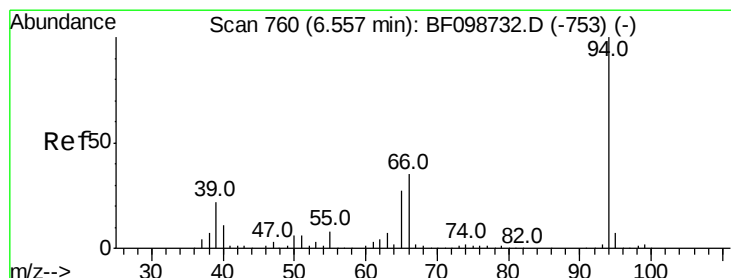
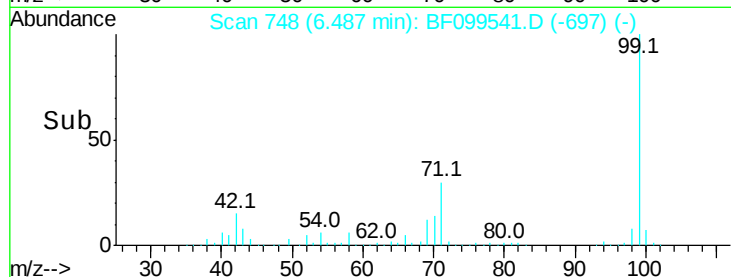
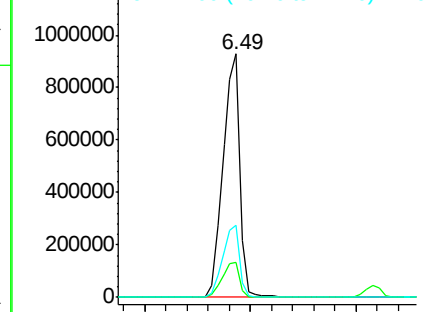
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 8.230 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099541.D

Acq: 16 Oct 2017 13:45

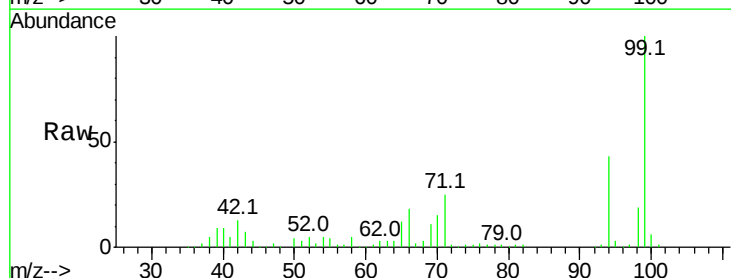
Tgt Ion: 94 Resp: 74225

Ion Ratio Lower Upper

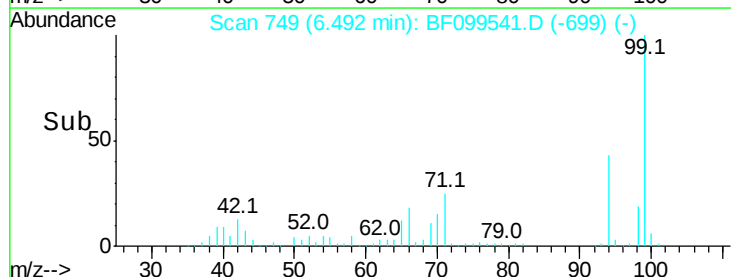
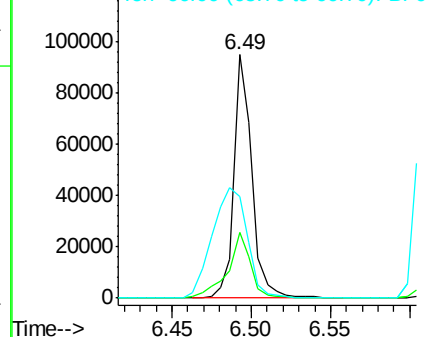
94 100

65 27.2 7.9 47.9

66 41.6 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





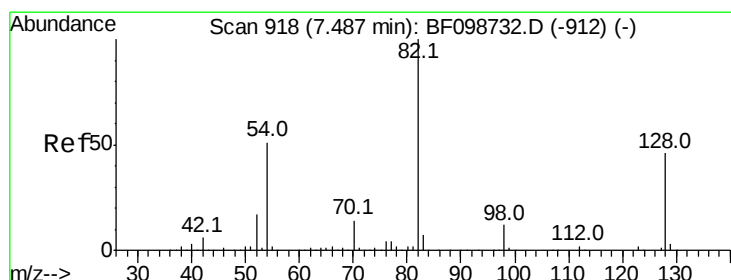
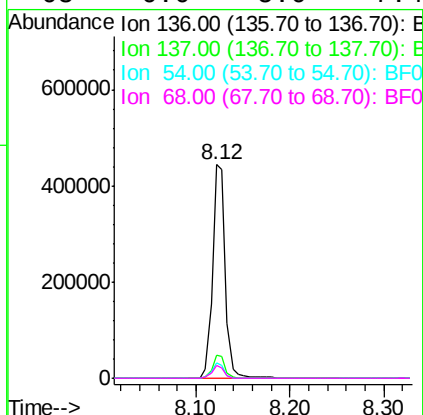
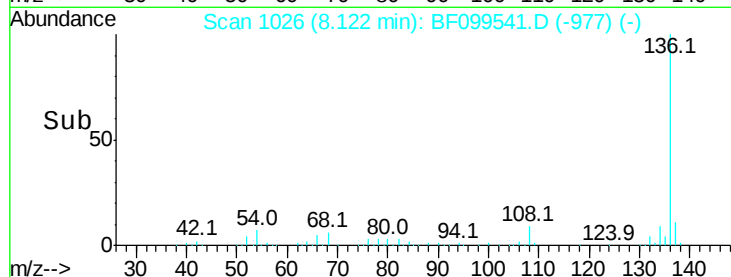
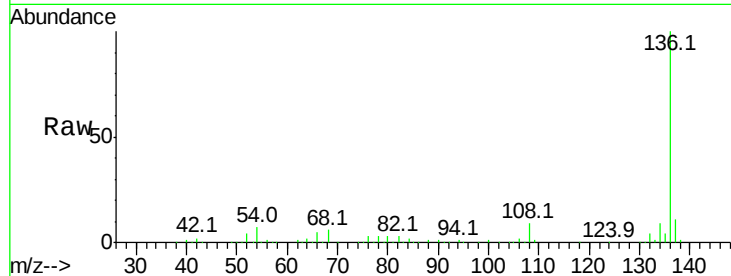
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF099541.D
Acq: 16 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :
ENV-104-2(5-10)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	429101		
137	10.8		8.9	13.3
54	7.2		6.6	9.8
68	6.0		5.0	7.4

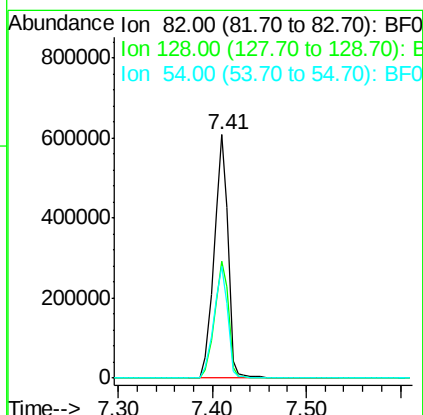
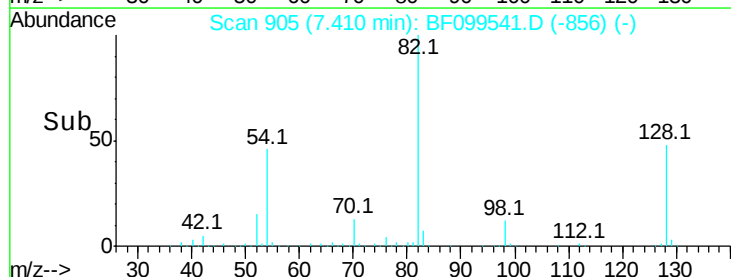
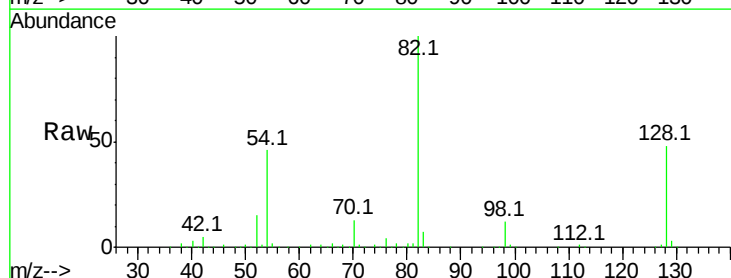
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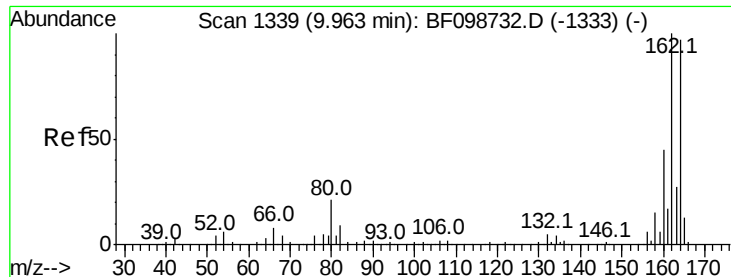
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#23
Nitrobenzene-d5
Concen: 95.151 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099541.D
Acq: 16 Oct 2017 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	636666		
128	47.8		36.1	54.1
54	46.1		41.4	62.2





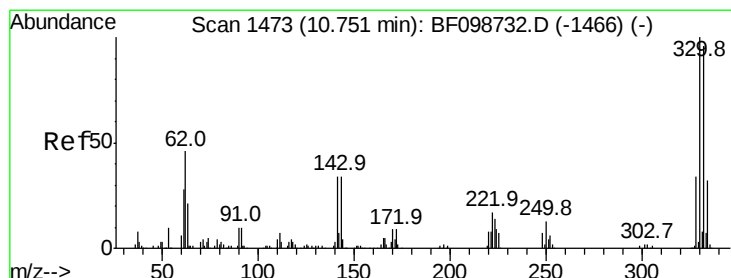
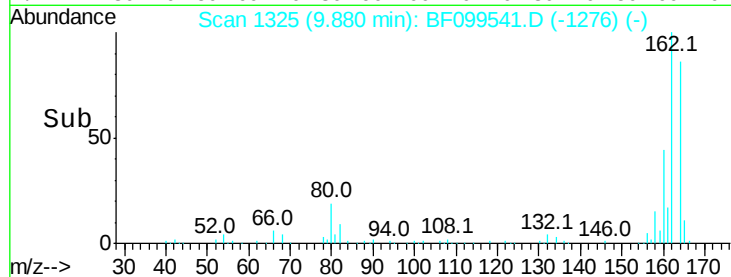
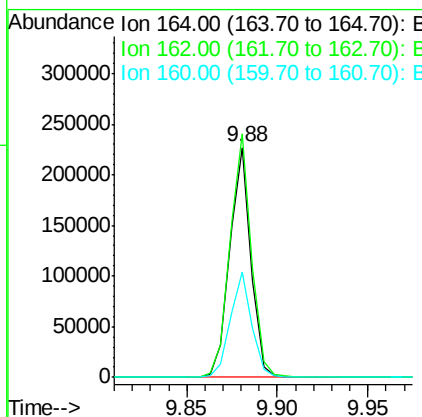
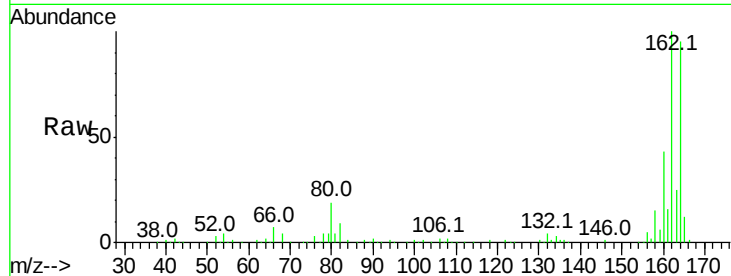
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099541.D
Acq: 16 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :
ENV-104-2(5-10)

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	45.9	38.3	57.5

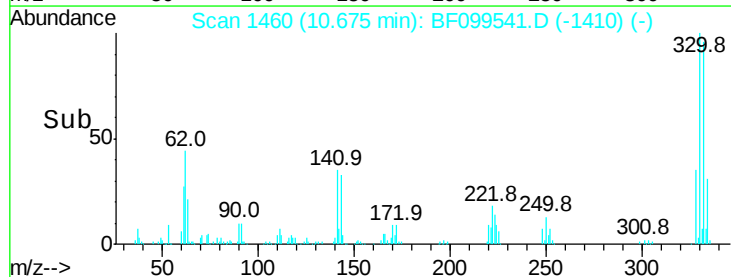
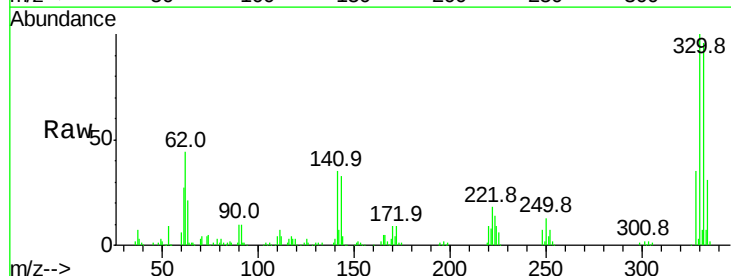
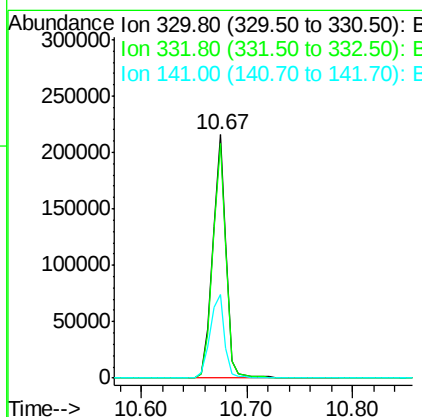
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#41
2,4,6-Tribromophenol
Concen: 128.704 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099541.D
Acq: 16 Oct 2017 13:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	37.3	29.9	44.9





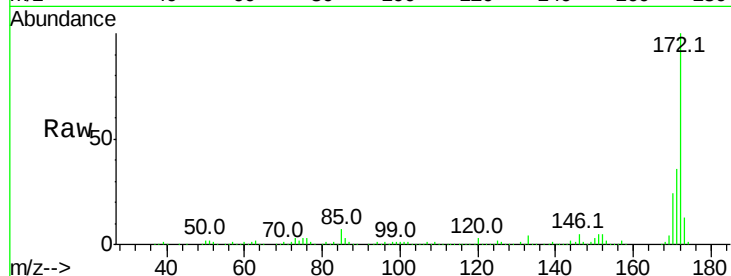
#44
2-Fluorobiphenyl
Concen: 98.517 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF099541.D
Acq: 16 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :
ENV-104-2(5-10)

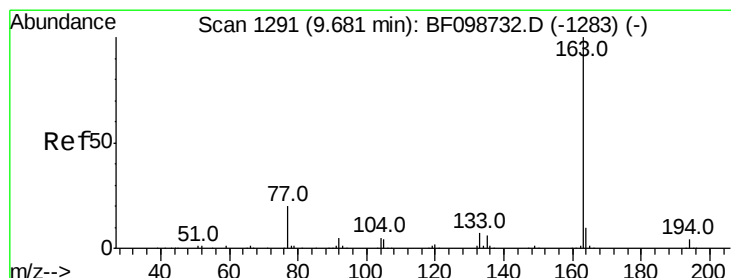
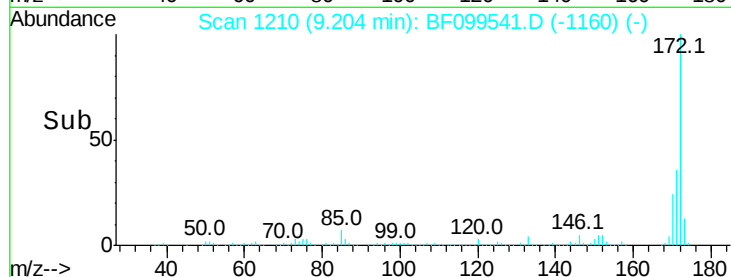
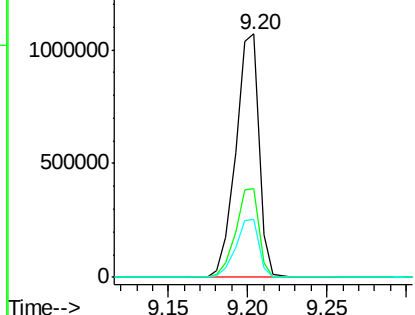
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.7	19.6	29.4

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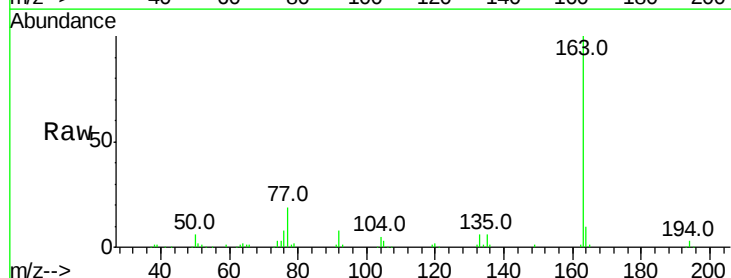


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

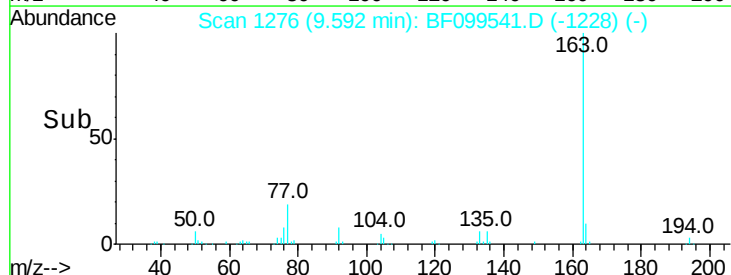
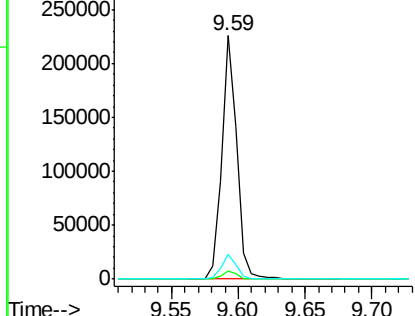


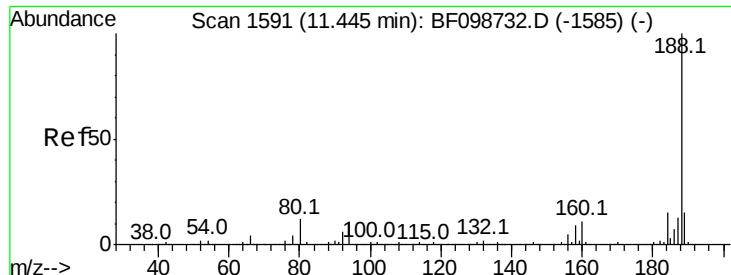
#49
Dimethylphthalate
Concen: 12.892 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099541.D
Acq: 16 Oct 2017 13:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.3	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





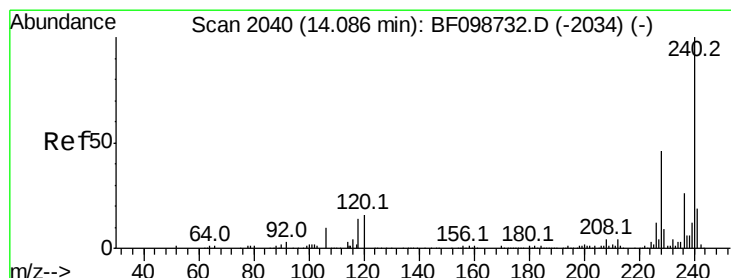
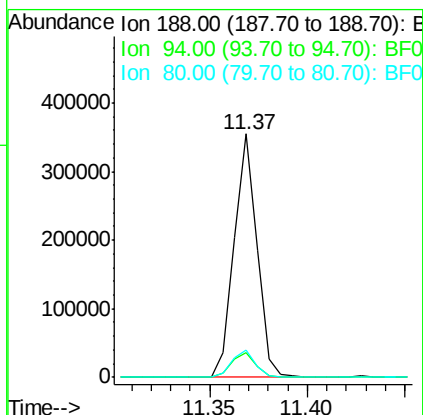
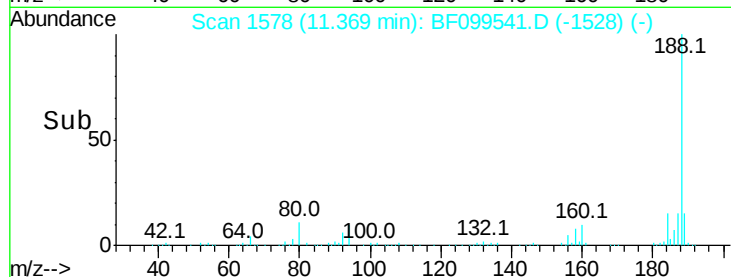
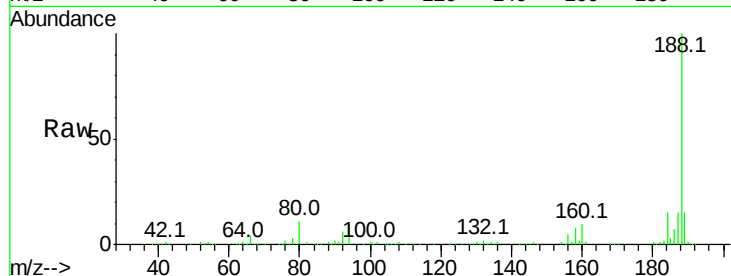
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099541.D
Acq: 16 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :
ENV-104-2(5-10)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	289450		
94	10.3	8.5	12.7	
80	10.9	9.2	13.8	

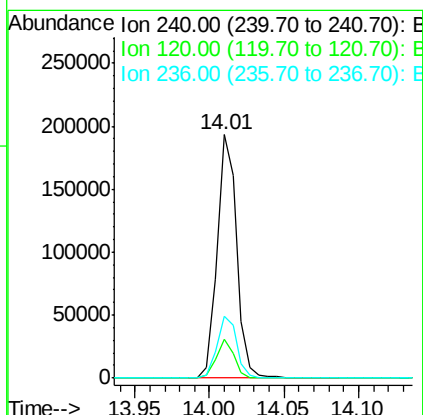
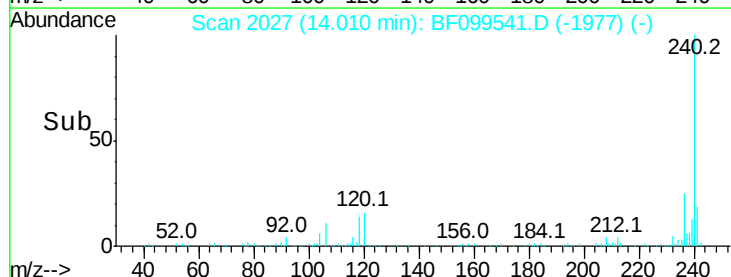
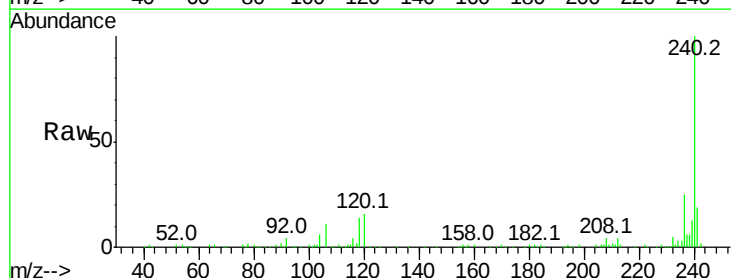
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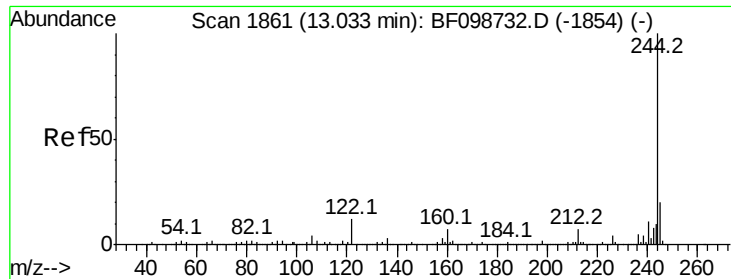
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099541.D
Acq: 16 Oct 2017 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	177251		
120	15.7	9.5	14.3#	
236	25.3	20.7	31.1	





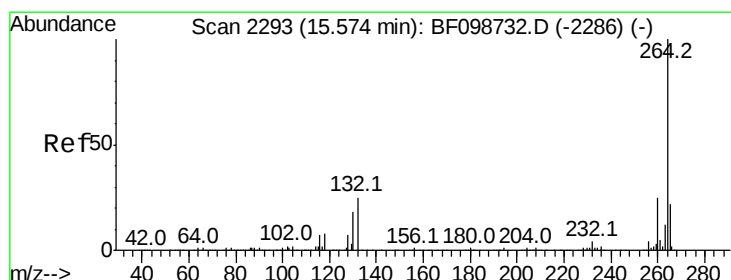
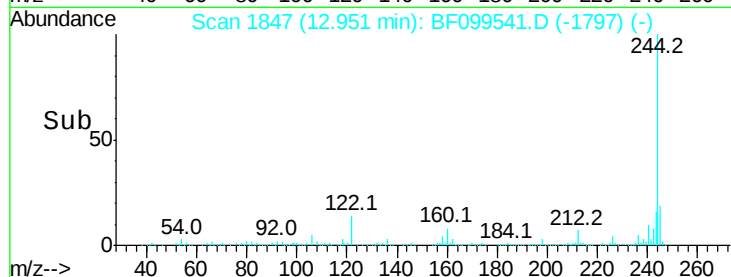
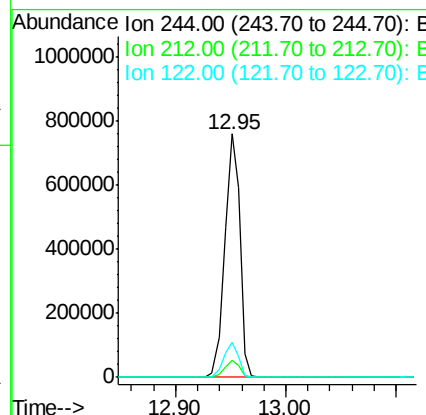
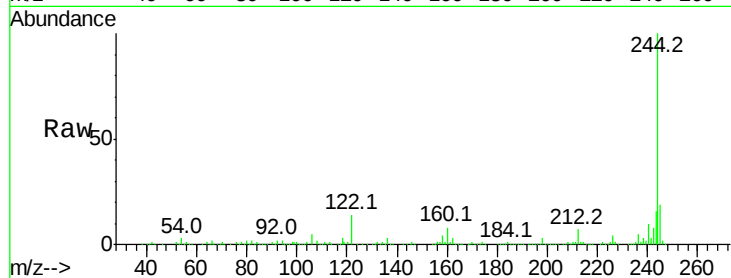
#78
 Terphenyl-d14
 Concen: 92.338 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF099541.D
 Acq: 16 Oct 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :
 ENV-104-2(5-10)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.4	11.0	16.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099541.D
 Acq: 16 Oct 2017 13:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.3	17.5	26.3

