

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
 Data File : BF103495.D
 Acq On : 7 Mar 2018 12:42
 Operator : SJ/JU
 Sample : J1779-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-5

Manual Integrations
 APPROVED

Sohil
 3/8/2018 4:42:54 PM

Quant Time: Mar 07 14:01:10 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 07 11:40:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	148354	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	582484	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	153292	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	81359m	20.00	ng	0.05
75) Chrysene-d12	14.09	240	164290	20.00	ng	0.02
86) Perylene-d12	15.57	264	229550	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1087971	110.92	ng	0.00
7) Phenol-d6	6.50	99	1366888	113.88	ng	0.00
23) Nitrobenzene-d5	7.43	82	861242	84.44	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	106703	82.24	ng	0.03
44) 2-Fluorobiphenyl	9.23	172	1091916	145.75	ng	0.00
78) Terphenyl-d14	13.03	244	323289	47.30	ng	0.04
Target Compounds						
31) Naphthalene	8.17	128	1329414	46.618	ng	99
37) 2-Methylnaphthalene	8.87	142	1806498	98.019	ng	98
45) 1,1'-Biphenyl	9.33	154	99243	7.726	ng	98
59) Diethylphthalate	10.33	149	177275	15.073	ng	# 84
83) Bis(2-ethylhexyl)phthalate	14.02	149	423672	46.391	ng	99

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

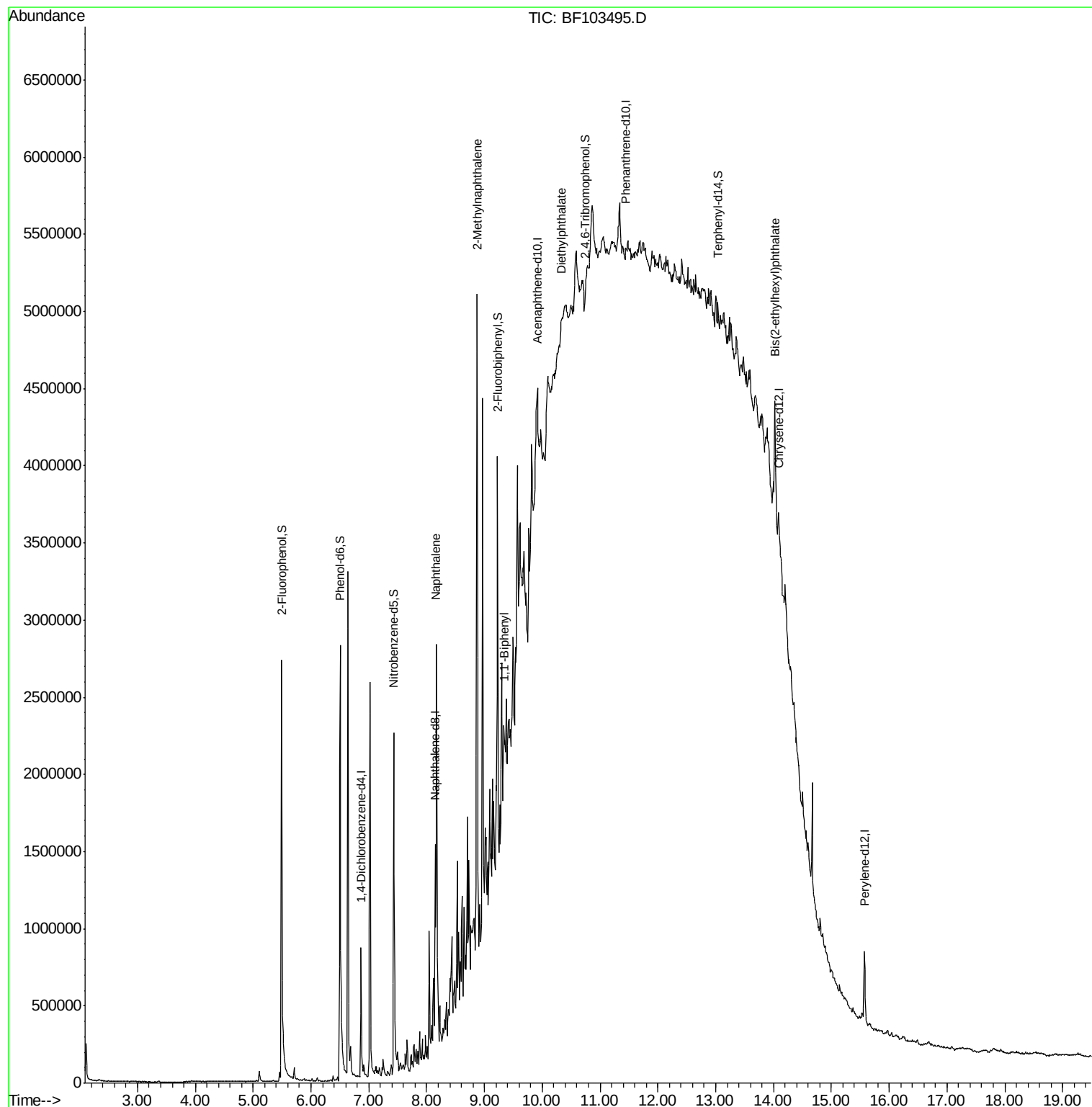
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103495.D
Acq On : 7 Mar 2018 12:42
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Sample : J1779-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

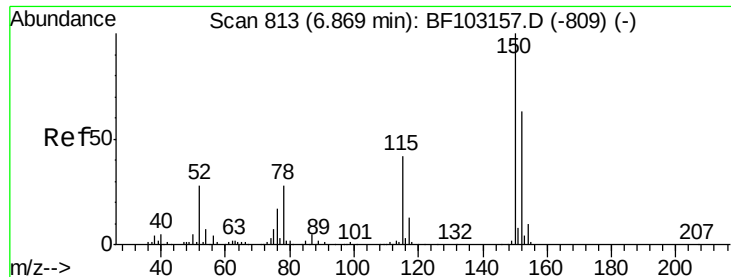
Instrument :
BNA_F
ClientSampled :
DRUM-5

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#1

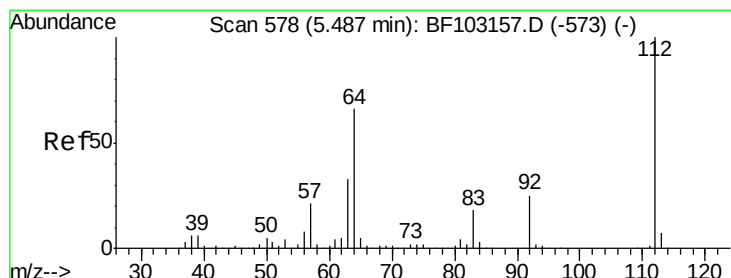
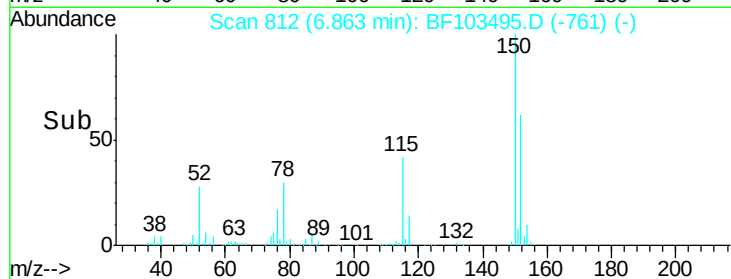
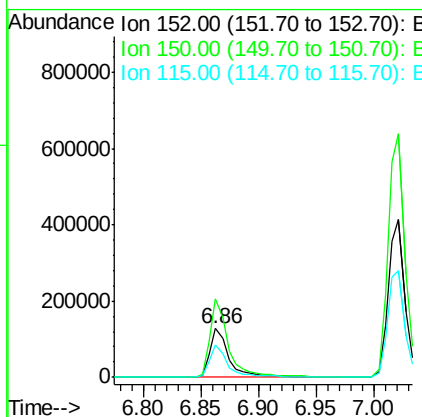
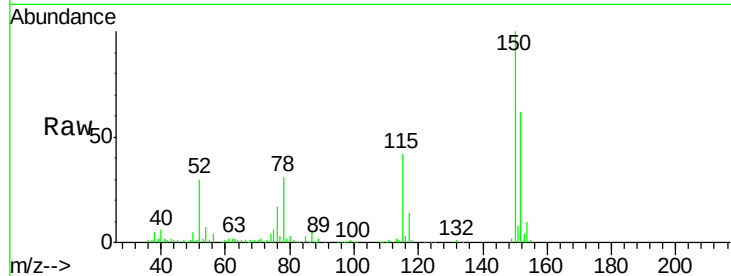
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103495.D
Acq: 7 Mar 2018 12:42

Instrument :
BNA_F
ClientSampled :
DRUM-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	124.6	186.8
115	67.4	50.1	75.1

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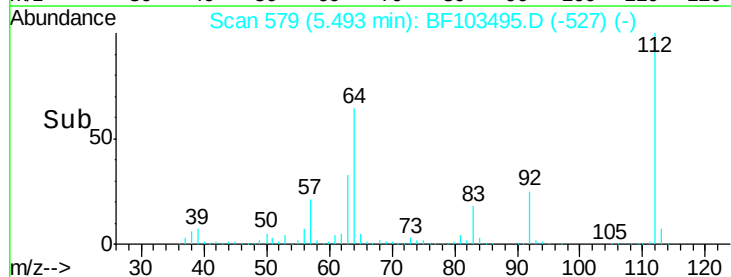
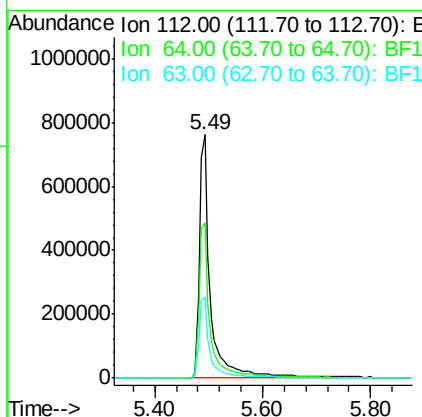
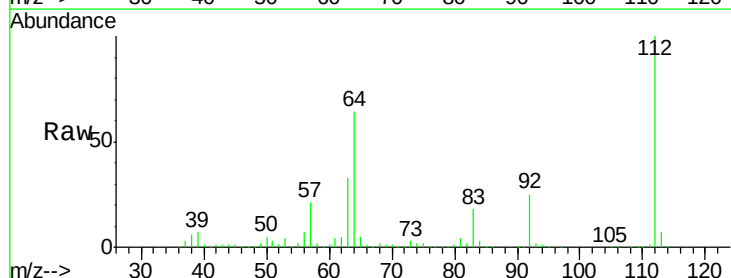
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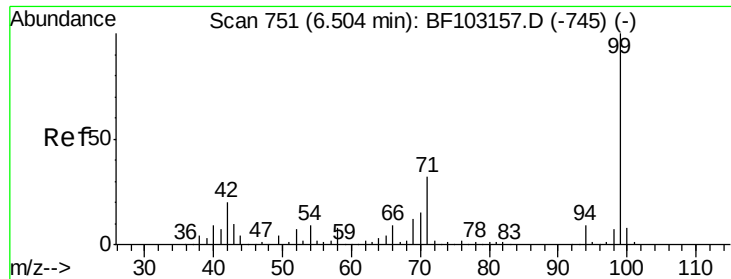


#5

2-Fluorophenol
Concen: 110.916 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103495.D
Acq: 7 Mar 2018 12:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	47.9	71.9
63	33.2	23.7	35.5





#7

Phenol-d6

Concen: 113.881 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103495.D

Acq: 7 Mar 2018 12:42

Instrument :

BNA_F

ClientSampled :

DRUM-5

Tot Ion: 99 Resp: 1366888

Ion Ratio Lower Upper

99 100

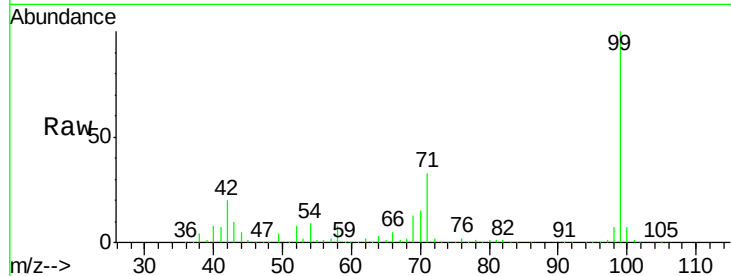
42 20.4 14.5 21.7

71 32.7 25.4 38.0

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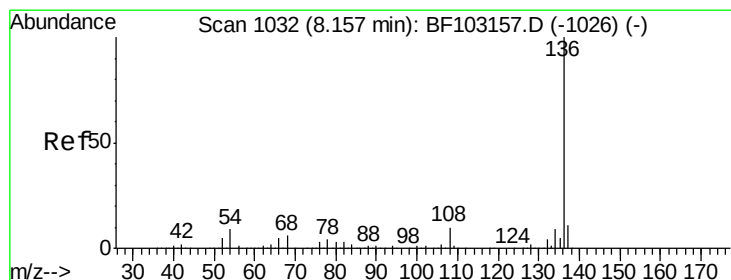
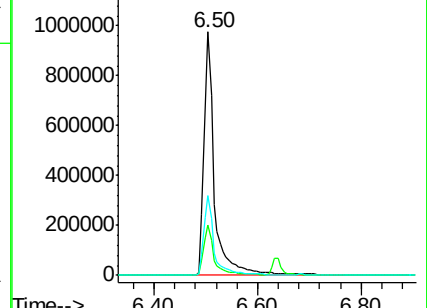
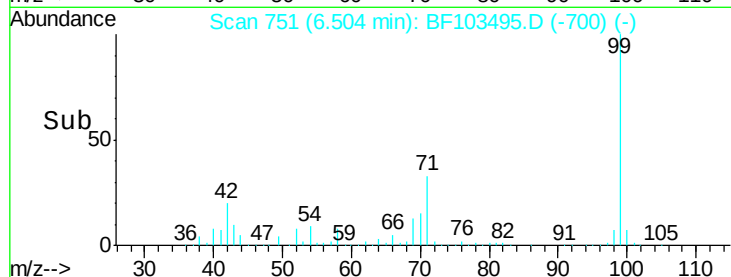
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF103495.D

Acq: 7 Mar 2018 12:42

Tgt Ion: 136 Resp: 582484

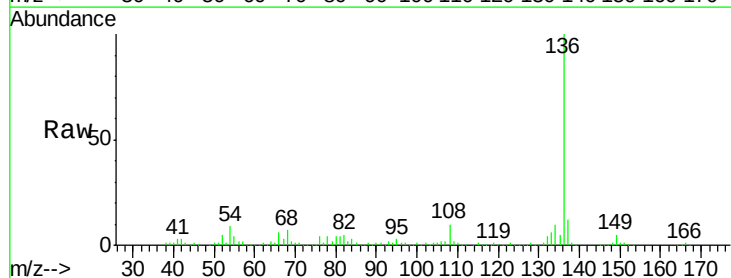
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 9.3 6.6 9.8

68 6.8 5.0 7.4

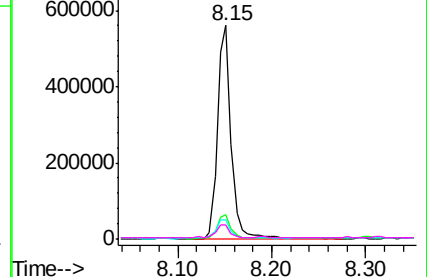
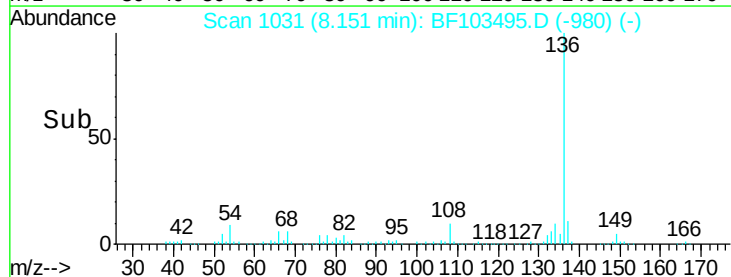


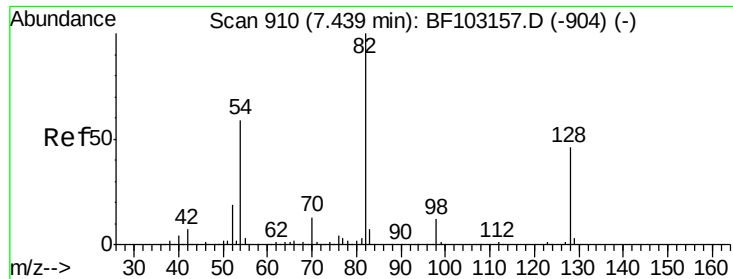
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





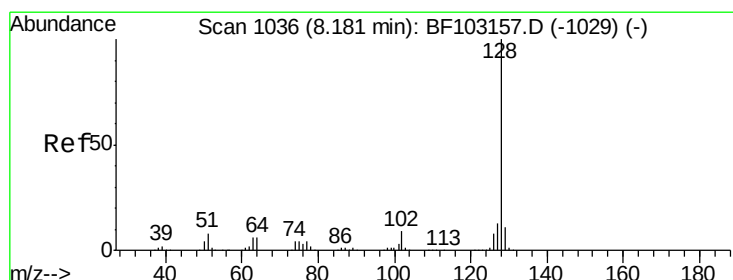
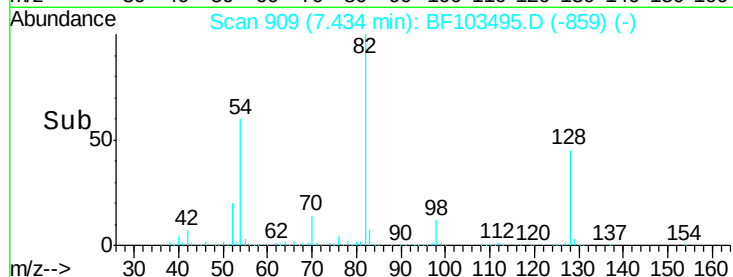
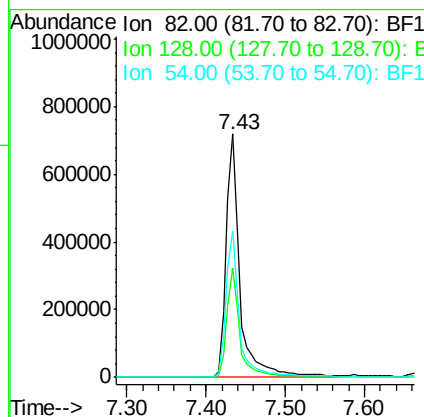
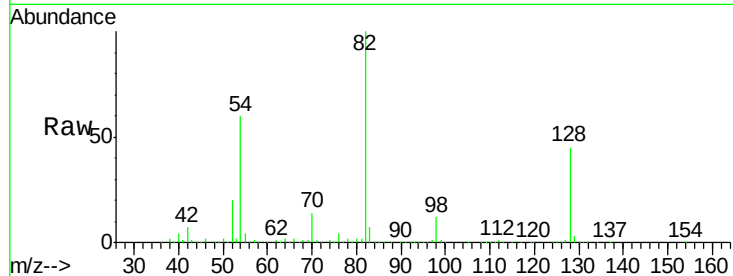
#23
Nitrobenzene-d5
Concen: 84.439 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103495.D
Acq: 7 Mar 2018 12:42

Instrument :
BNA_F
ClientSampled :
DRUM-5

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	60.1	41.4	62.2

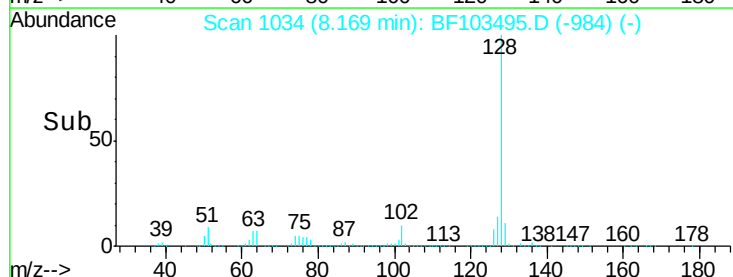
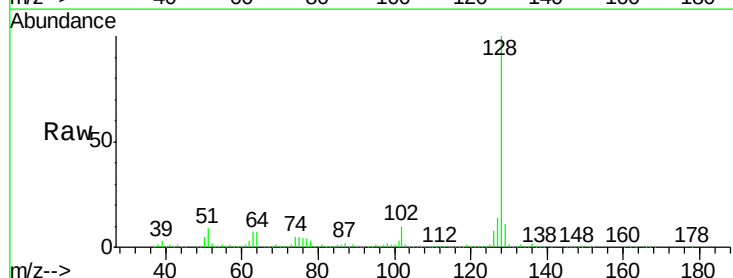
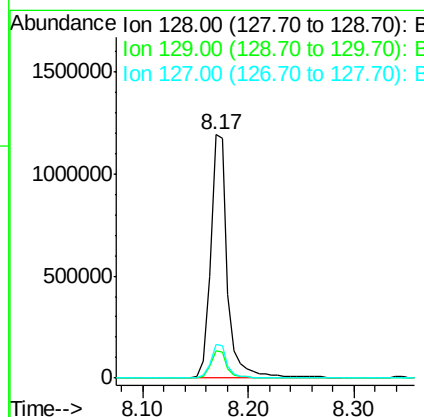
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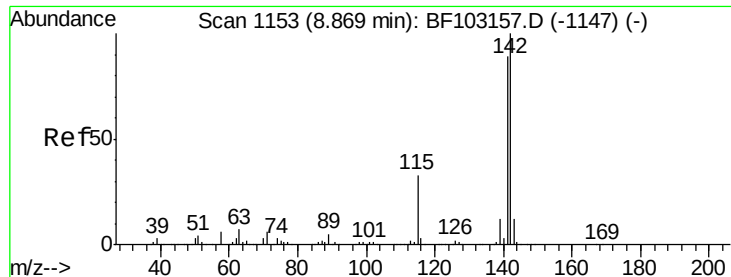
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#31
Naphthalene
Concen: 46.618 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF103495.D
Acq: 7 Mar 2018 12:42

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.8	10.9	16.3





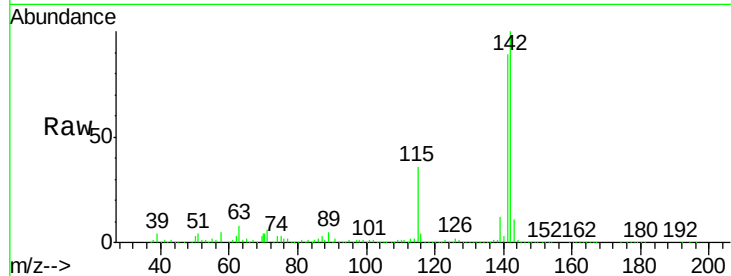
#37
2-Methylnaphthalene
Concen: 98.019 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF103495.D
Acq: 7 Mar 2018 12:42

Instrument :
BNA_F
ClientSampled :
DRUM-5

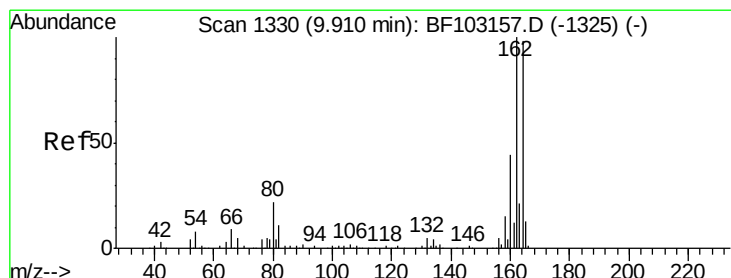
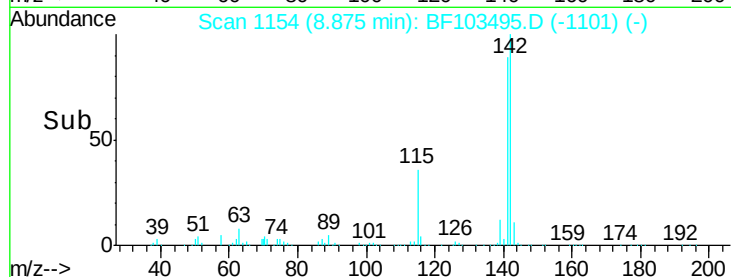
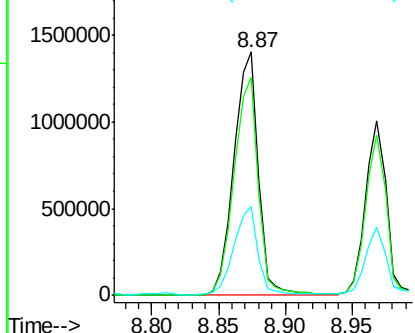
Tot Ion:142 Resp: 1806498
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2
115 36.2 26.1 39.1

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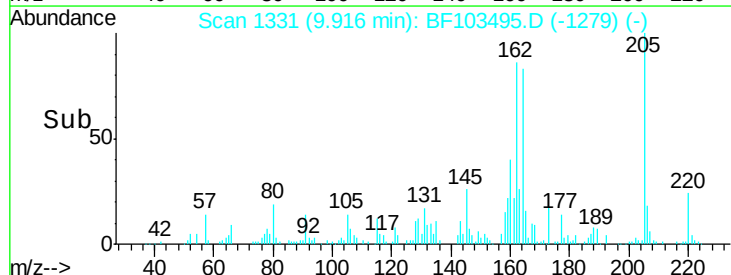
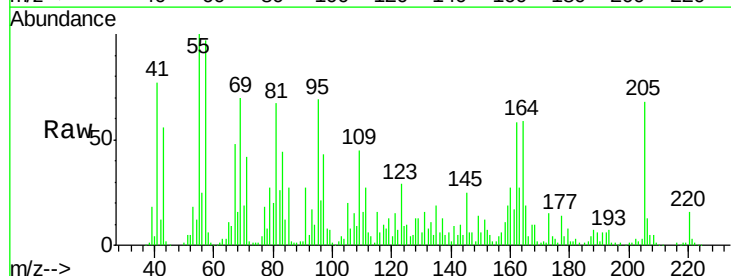
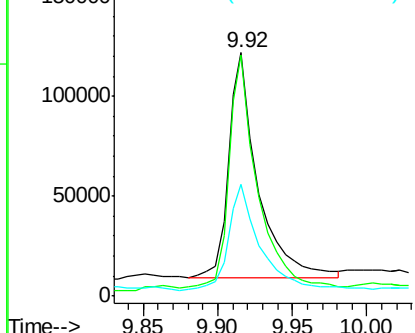
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

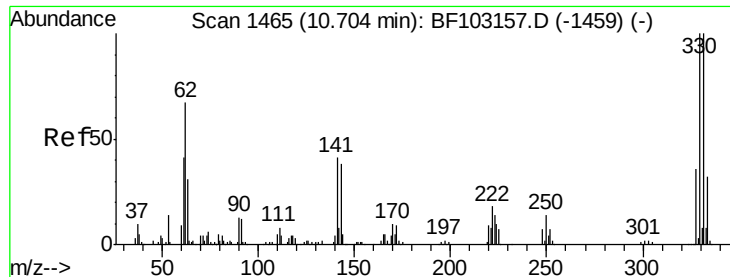


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF103495.D
Acq: 7 Mar 2018 12:42

Tgt Ion:164 Resp: 153292
Ion Ratio Lower Upper
164 100
162 99.0 86.1 129.1
160 46.1 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





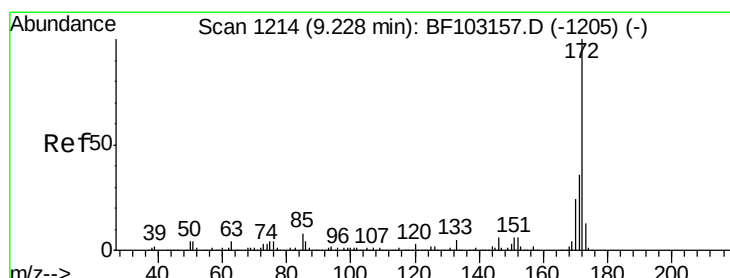
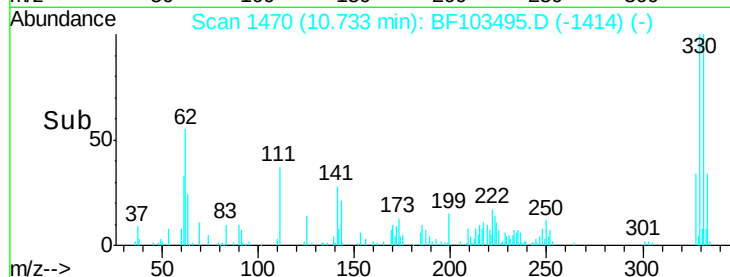
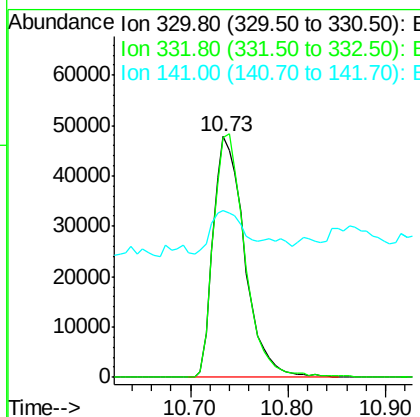
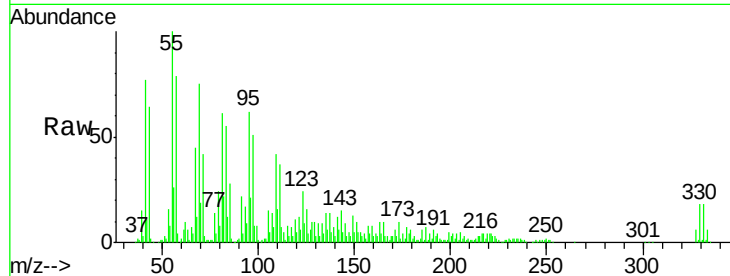
#41
 2,4,6-Tribromophenol
 Concen: 82.235 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.03 min
 Lab File: BF103495.D
 Acq: 7 Mar 2018 12:42

Instrument :
 BNA_F
 ClientSampled :
 DRUM-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.3	77.0	115.6
141	18.6	29.9	44.9

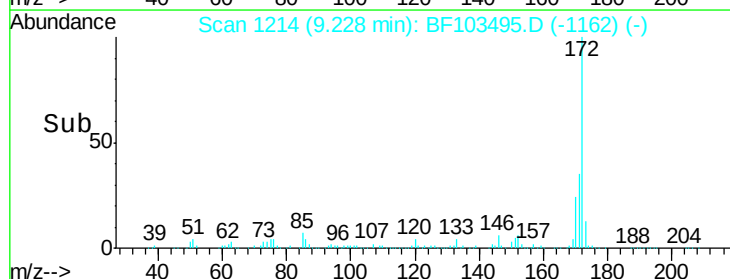
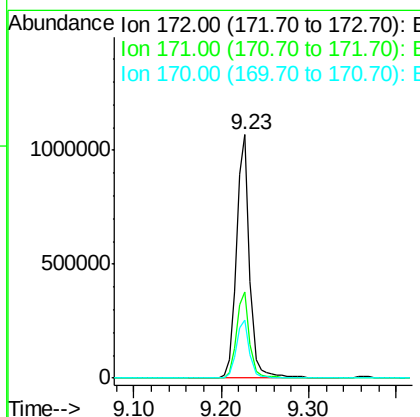
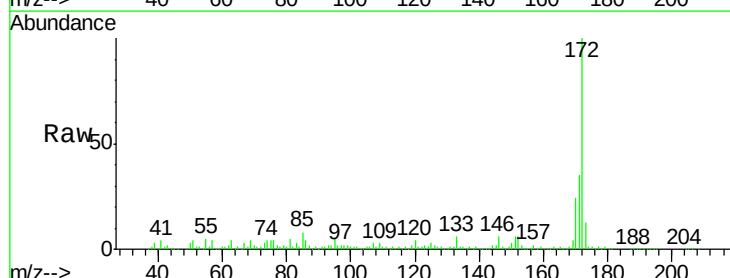
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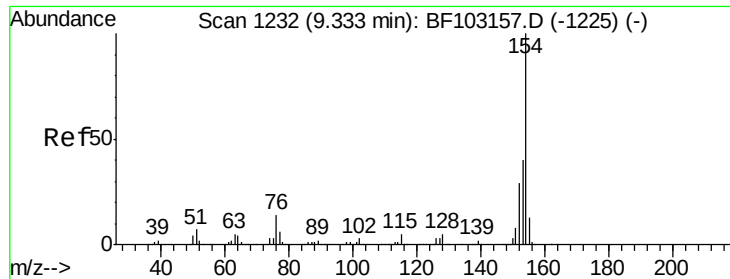
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#44
 2-Fluorobiphenyl
 Concen: 145.755 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BF103495.D
 Acq: 7 Mar 2018 12:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.6	19.6	29.4





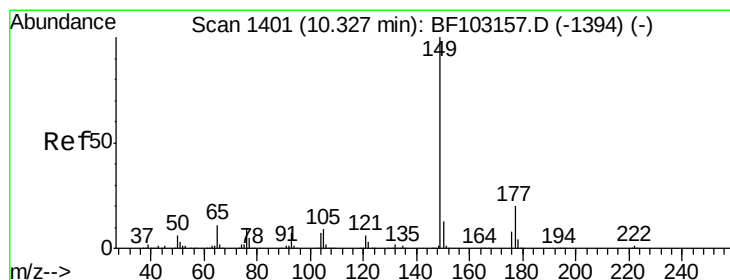
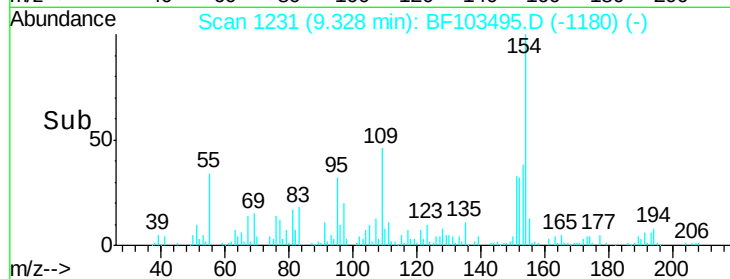
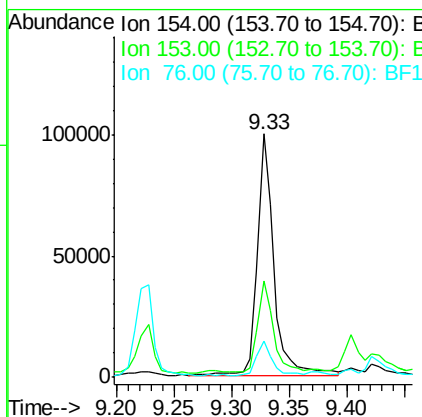
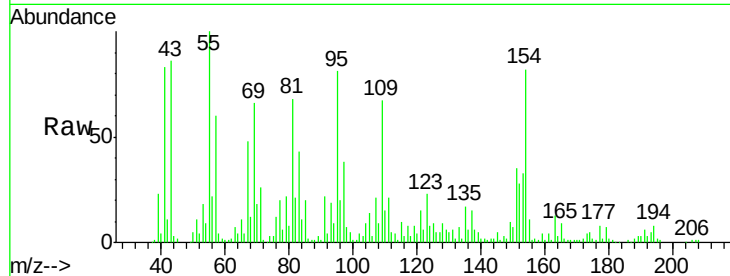
#45
 1,1'-Biphenyl
 Concen: 7.726 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103495.D
 Acq: 7 Mar 2018 12:42

Instrument :
 BNA_F
 ClientSampled :
 DRUM-5

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.3	61.3
76	14.8	0.0	34.0

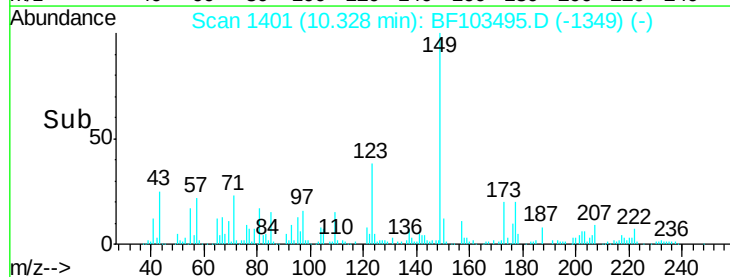
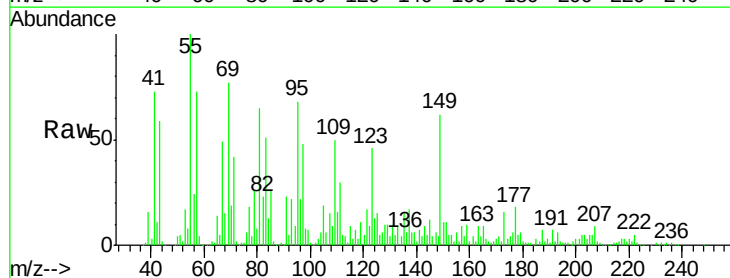
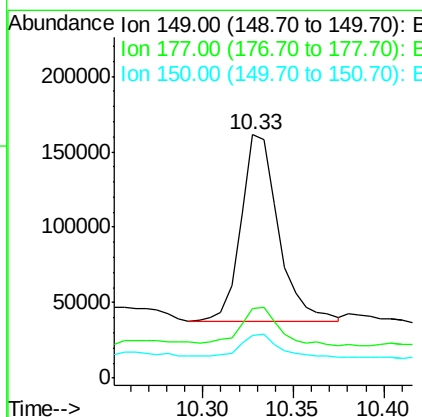
Manual Integrations
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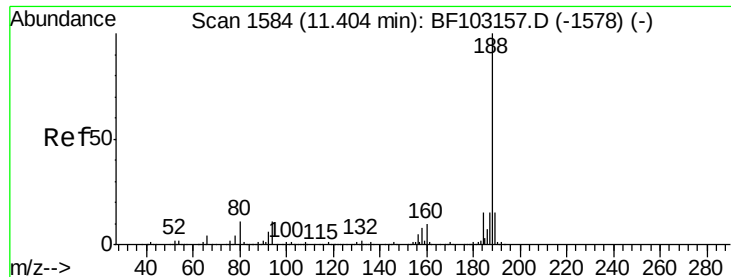
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#59
 Diethylphthalate
 Concen: 15.073 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.01 min
 Lab File: BF103495.D
 Acq: 7 Mar 2018 12:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	28.8	16.1	24.1#
150	17.3	10.1	15.1#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.05 min

Lab File: BF103495.D

Acq: 7 Mar 2018 12:42

Instrument :

BNA_F

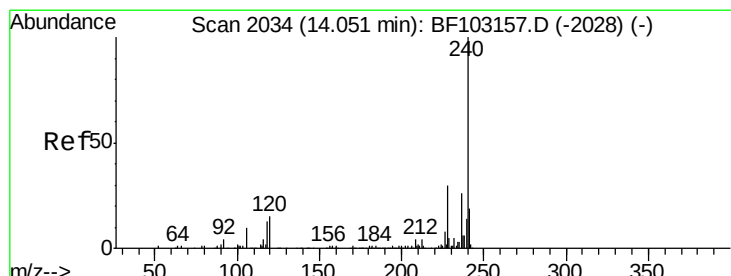
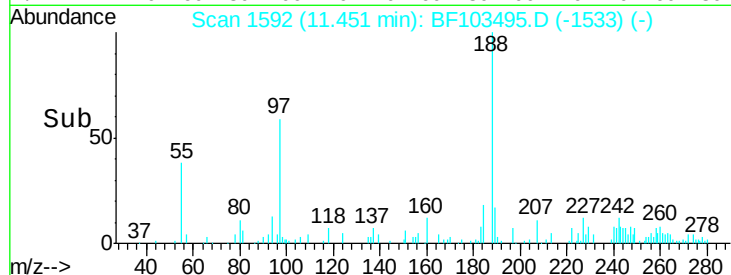
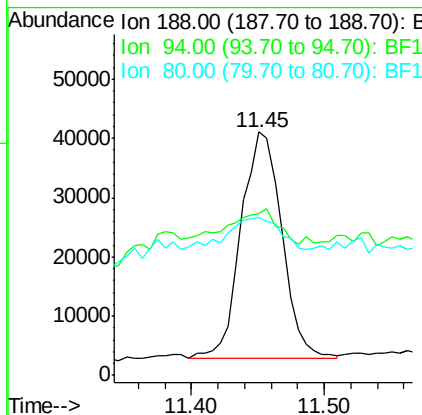
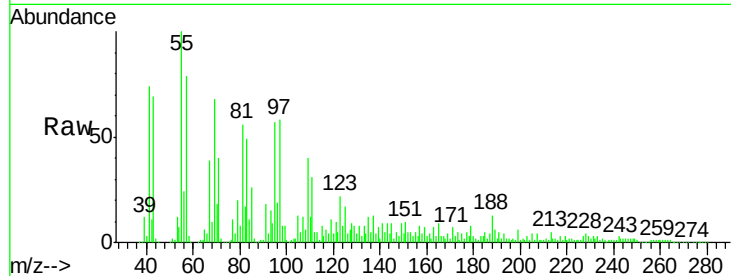
ClientSampled :

DRUM-5

Tot Ion:188	Resp:	81359
Ion Ratio	Lower	Upper
188	100	
94	66.4	8.5 12.7#
80	64.7	9.2 13.8#

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

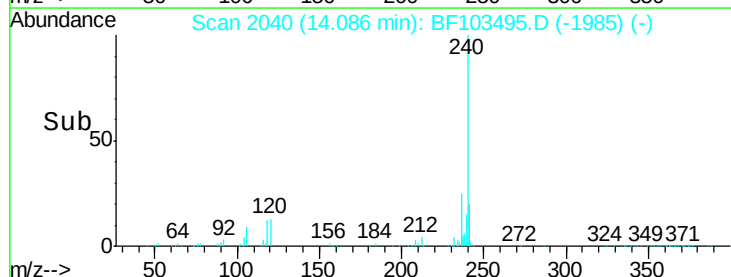
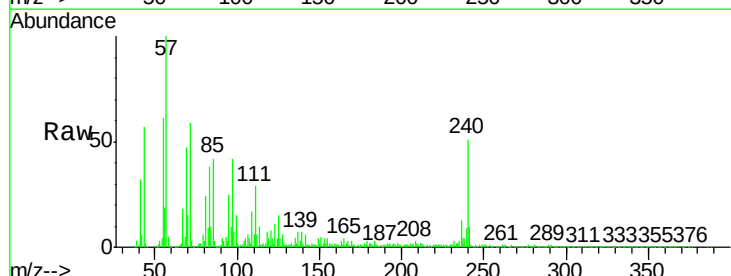
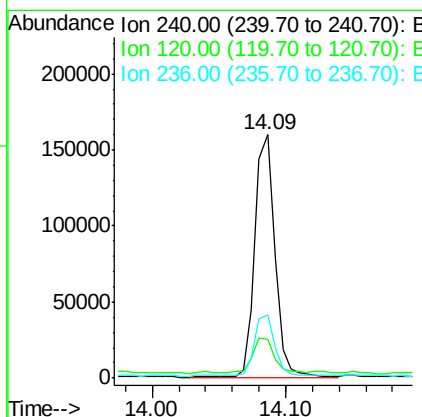
RT: 14.09 min Scan# 2040

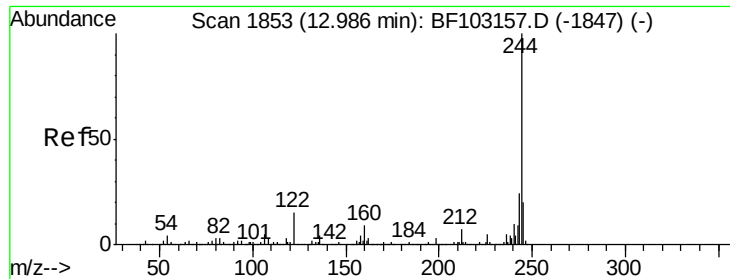
Delta R.T. 0.02 min

Lab File: BF103495.D

Acq: 7 Mar 2018 12:42

Tgt Ion:240	Resp:	164290
Ion Ratio	Lower	Upper
240	100	
120	16.1	9.5 14.3#
236	26.1	20.7 31.1





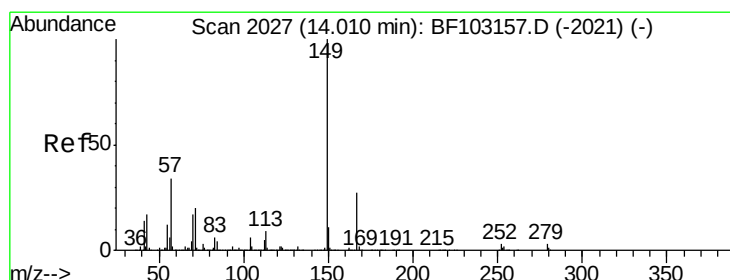
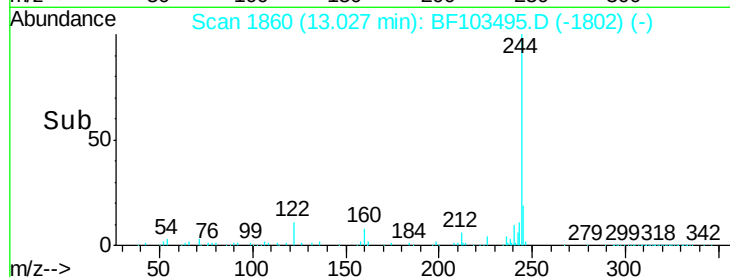
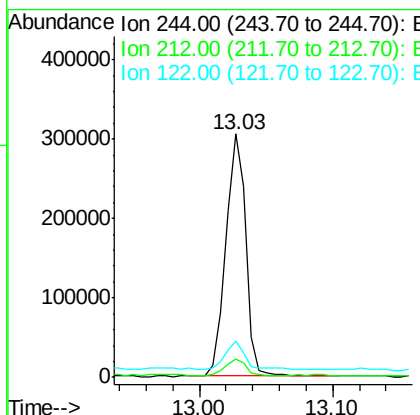
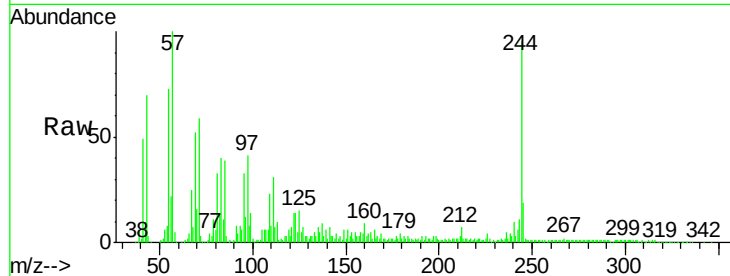
#78
 Terphenyl-d14
 Concen: 47.303 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. 0.04 min
 Lab File: BF103495.D
 Acq: 7 Mar 2018 12:42

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-5

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	14.7	11.0	16.4

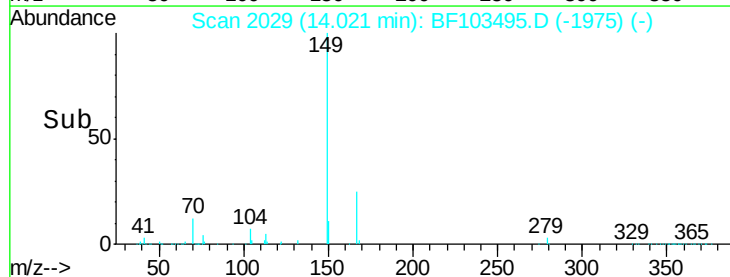
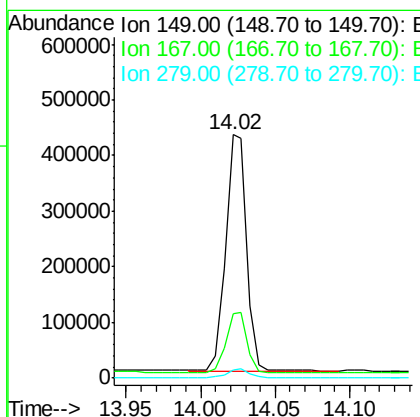
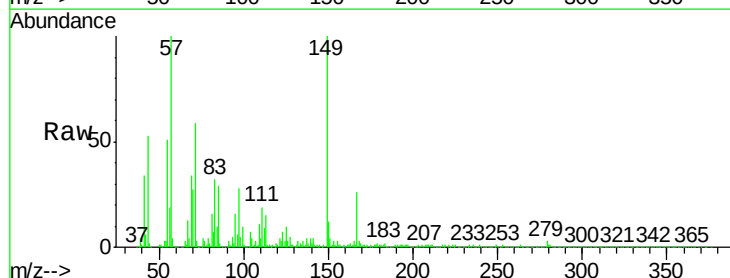
Manual Integrations
 APPROVED

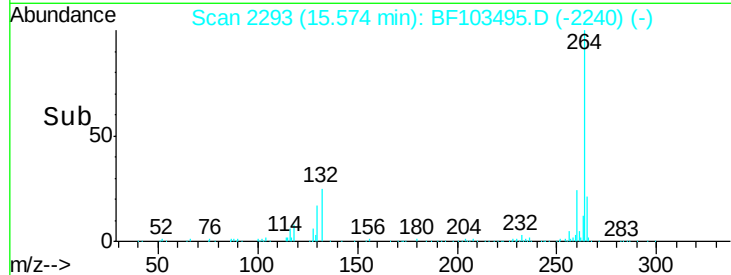
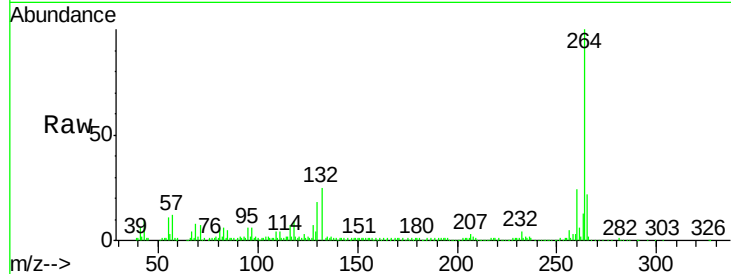
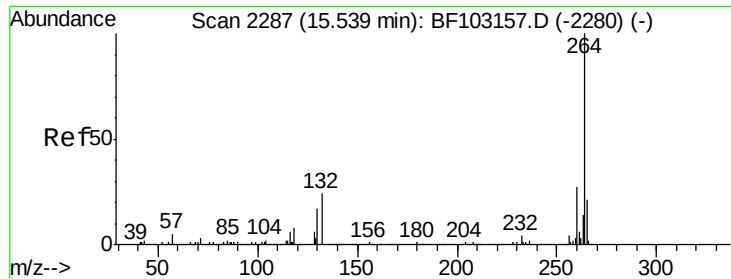
Sohil
 3/8/2018 4:42:54 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.391 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.02 min
 Lab File: BF103495.D
 Acq: 7 Mar 2018 12:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	3.1	3.0	4.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: BF103495.D
 Acq: 7 Mar 2018 12:42

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-5

Tot Ion:	264	Resp:	229550
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	21.6	17.5	26.3

Manual Integrations
 APPROVED

Sohil
 3/8/2018 4:42:54 PM

