

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098807.D
 Acq On : 26 Sep 2017 2:46
 Operator : SJ/JU
 Sample : I5395-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-(0-5)

Manual Integrations
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Sohil
 9/26/2017 4:58:54 PM

Quant Time: Sep 26 08:03:37 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	157593	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	651809	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	295092	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	466022	20.00	ng	0.00
75) Chrysene-d12	14.07	240	291230	20.00	ng	-0.01
86) Perylene-d12	15.57	264	279597	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1502659	151.79	ng	0.00
7) Phenol-d6	6.55	99	1875922	153.61	ng	0.00
23) Nitrobenzene-d5	7.48	82	1118331	110.03	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	357873	148.21	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1809641	102.38	ng	0.00
78) Terphenyl-d14	13.03	244	1284406	100.30	ng	0.00
Target Compounds						
10) Phenol	6.56	94	46856	3.431	ng	93
49) Dimethylphthalate	9.66	163	221138	9.929	ng	99
70) Phenanthrene	11.46	178	60691	2.433	ng	100
74) Fluoranthene	12.65	202	51720	2.048	ng	98

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

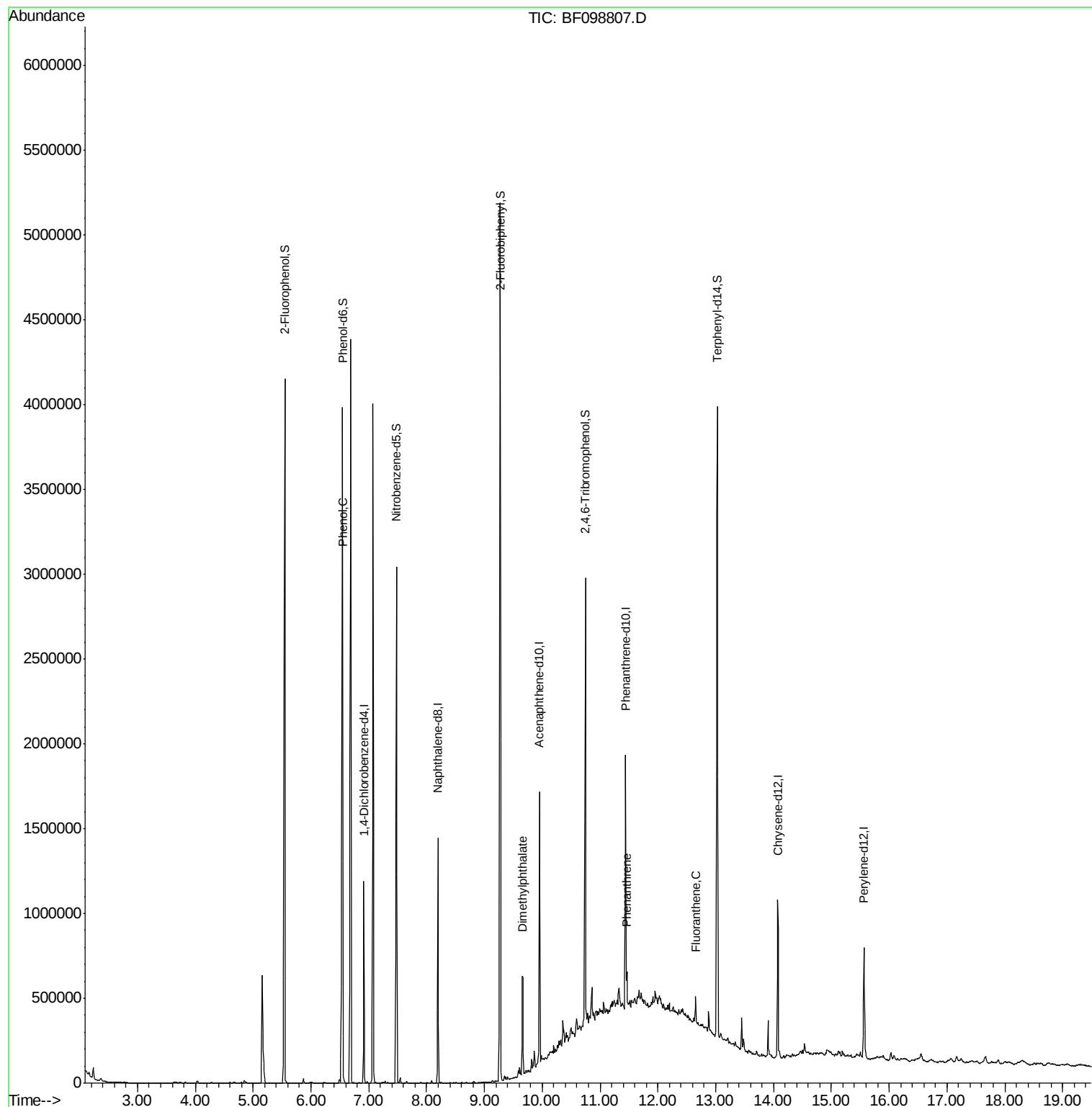
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
Data File : BF098807.D
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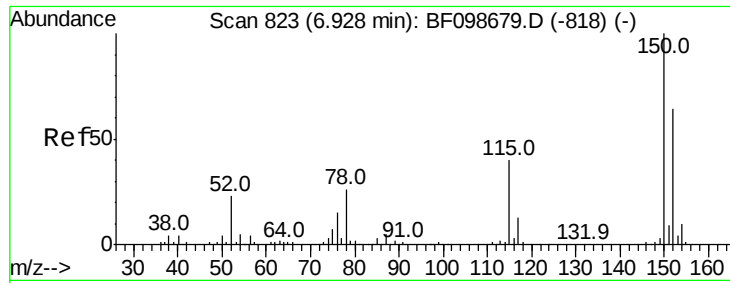
Instrument :
BNA_F
ClientSampleId :
TP-4-(0-5)

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Quant Time: Sep 26 08:03:37 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





#1

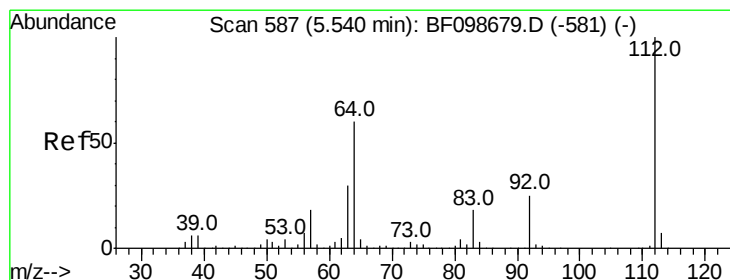
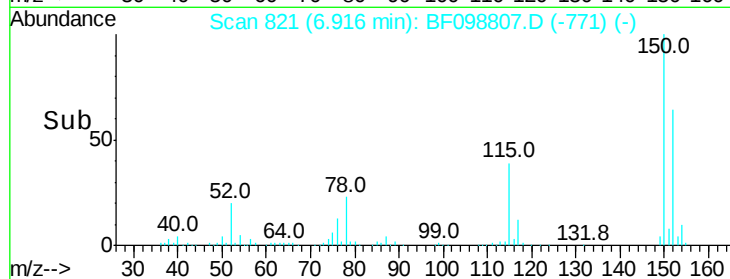
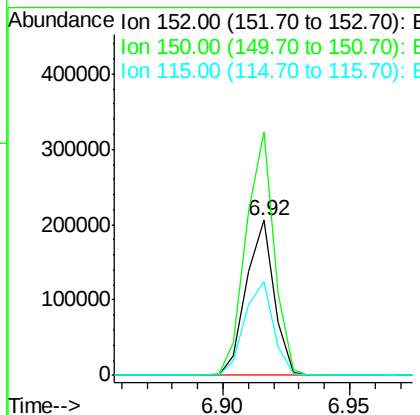
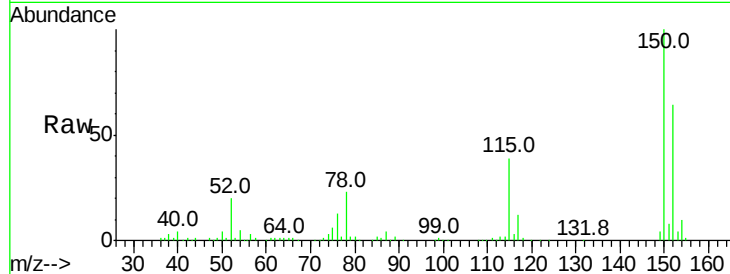
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Instrument :
BNA_F
ClientSampleId :
TP-4-(0-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	60.9	50.1	75.1

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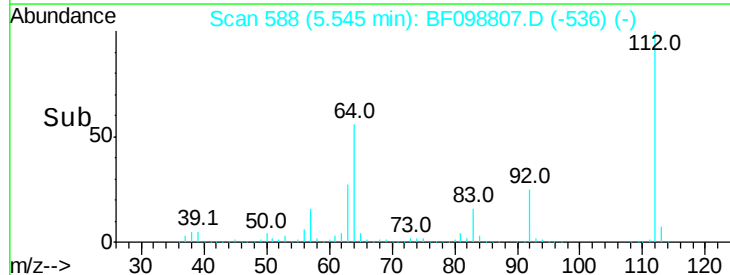
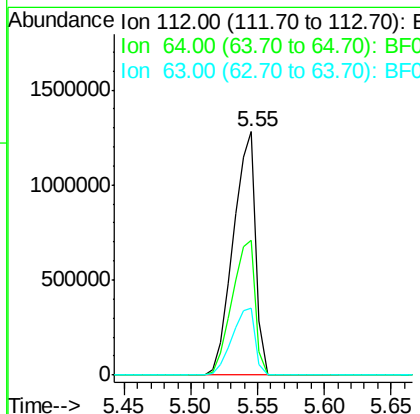
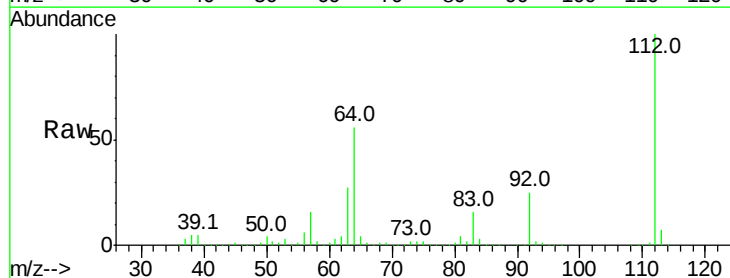
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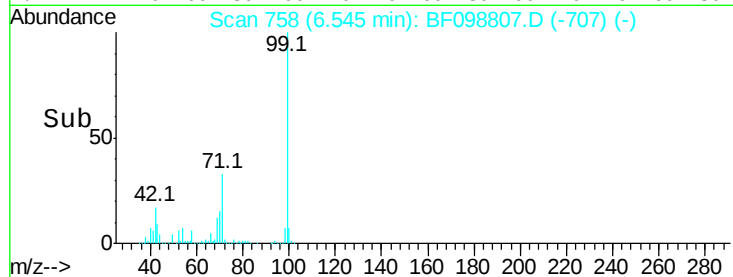
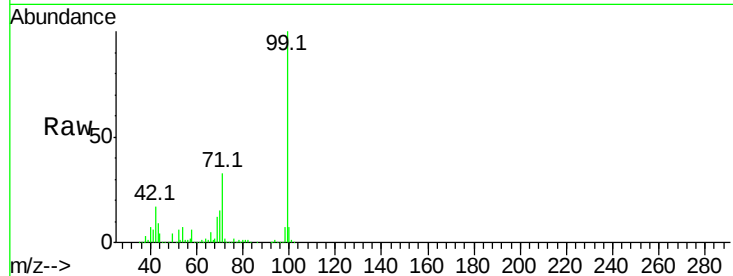
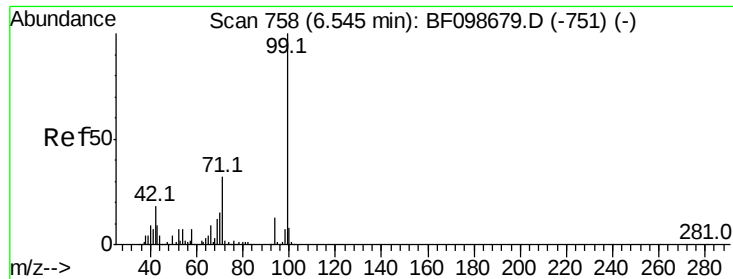


#5

2-Fluorophenol
Concen: 151.789 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.9	71.9
63	27.4	23.7	35.5





#7

Phenol-d6

Concen: 153.608 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098807.D

Acq: 26 Sep 2017 2:46

Tot Ion: 99 Resp: 1875922

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

71 32.7 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

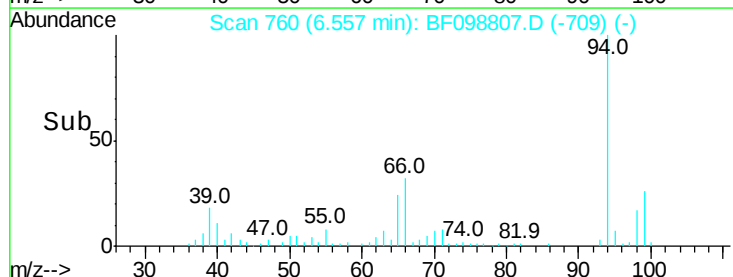
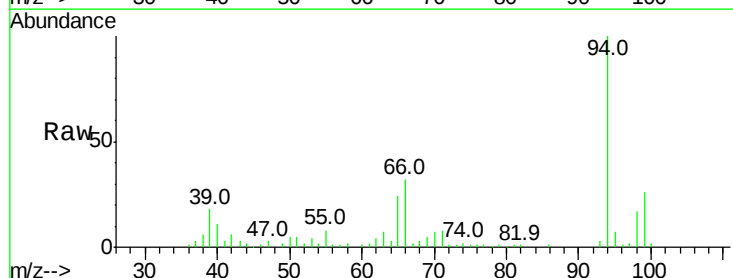
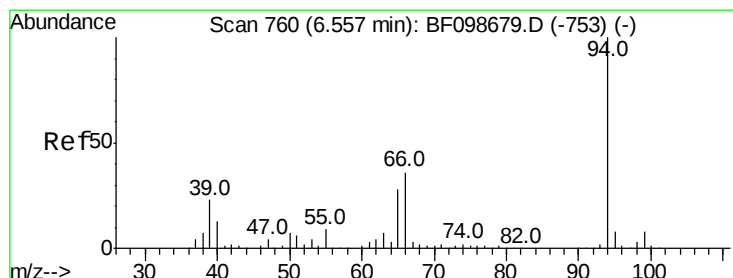
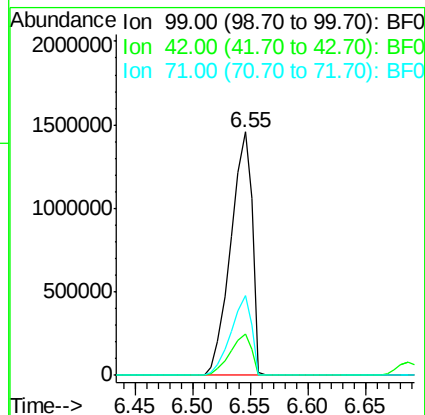
TP-4-(0-5)

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#10

Phenol

Concen: 3.431 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF098807.D

Acq: 26 Sep 2017 2:46

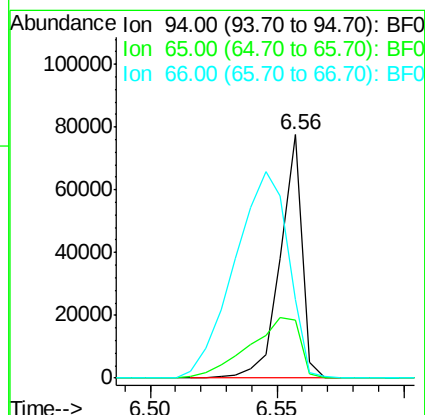
Tgt Ion: 94 Resp: 46856

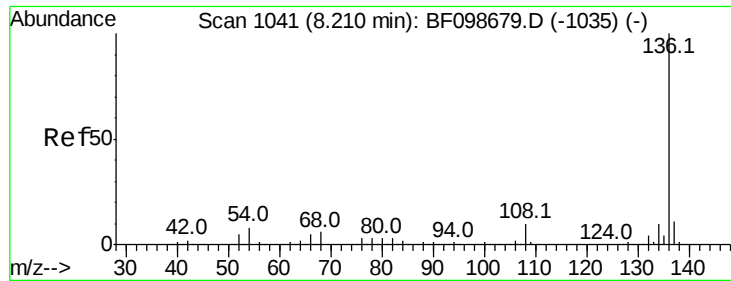
Ion Ratio Lower Upper

94 100

65 23.7 7.9 47.9

66 32.3 16.2 56.2





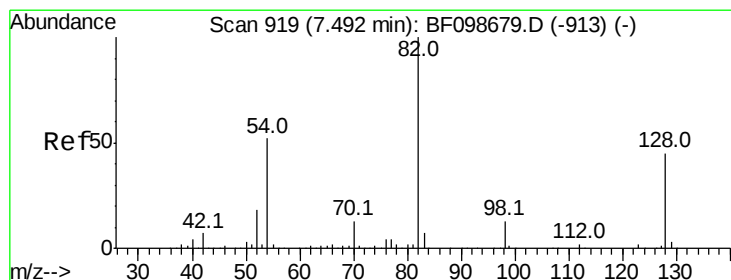
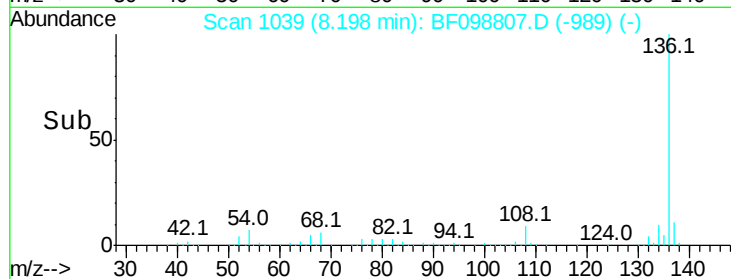
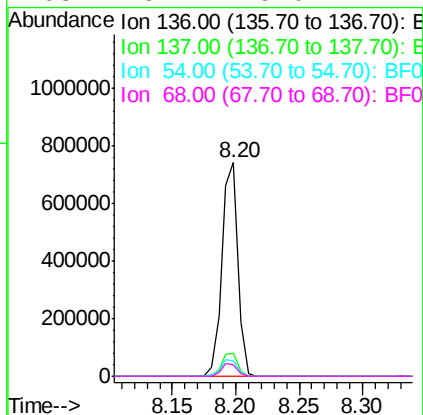
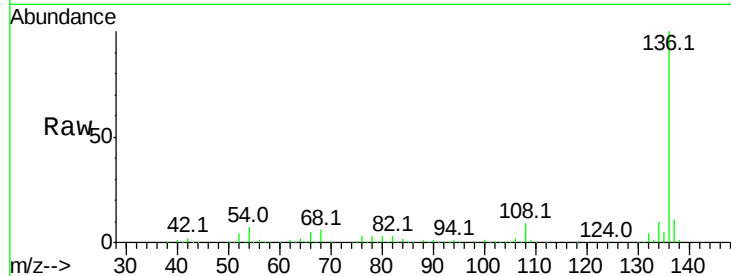
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Instrument :
BNA_F
ClientSampled :
TP-4-(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	651809		
137	10.9		8.9	13.3
54	7.1		6.6	9.8
68	5.7		5.0	7.4

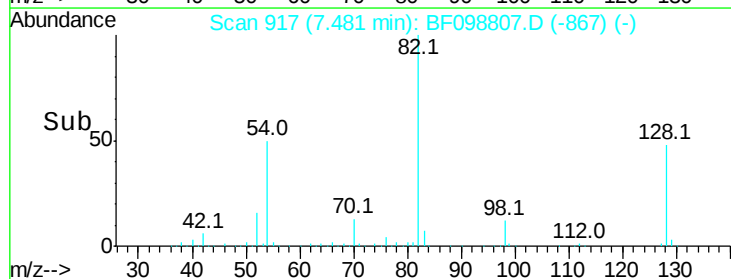
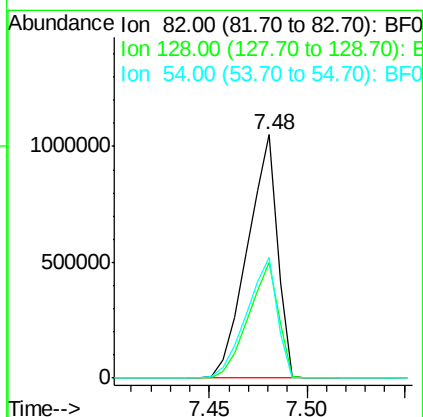
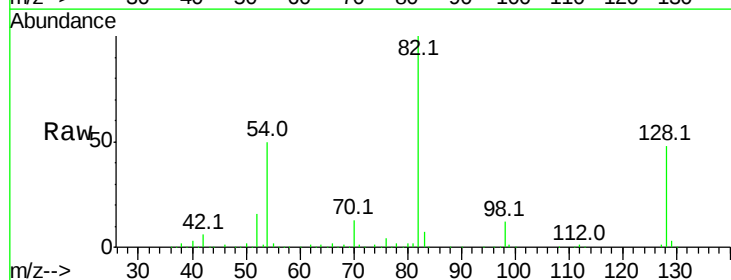
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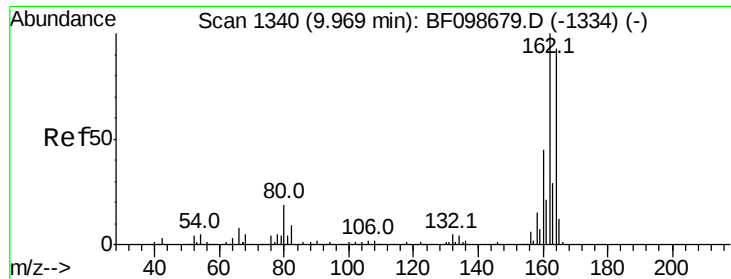
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#23
Nitrobenzene-d5
Concen: 110.030 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1118331		
128	47.6		36.1	54.1
54	49.6		41.4	62.2





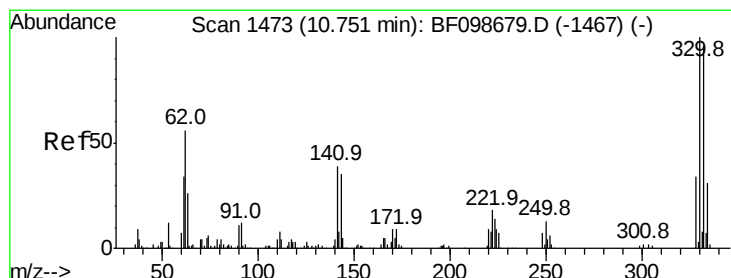
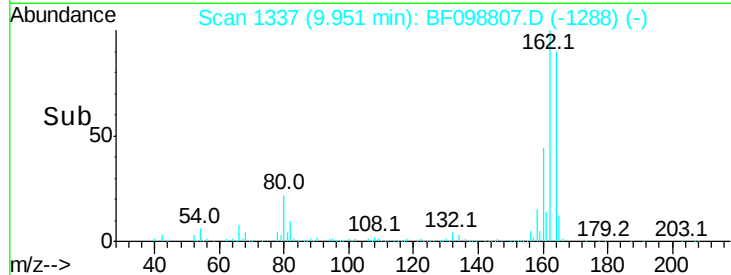
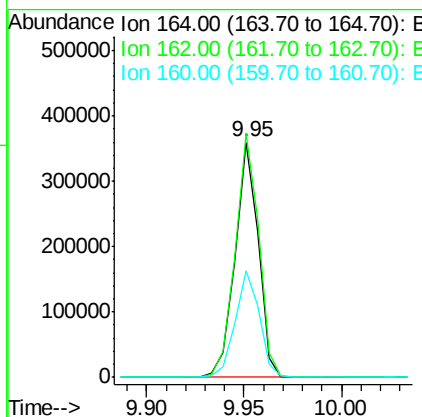
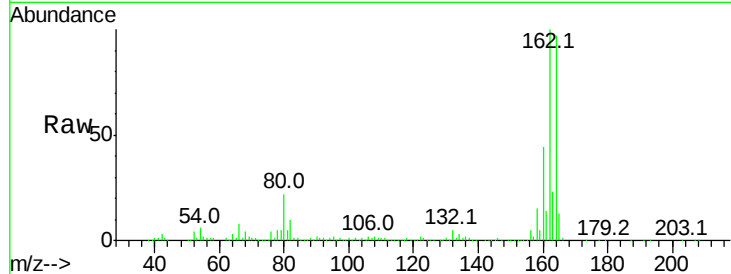
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Instrument :
BNA_F
ClientSampled :
TP-4-(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	295092		
162	103.5	86.1	129.1	
160	45.4	38.3	57.5	

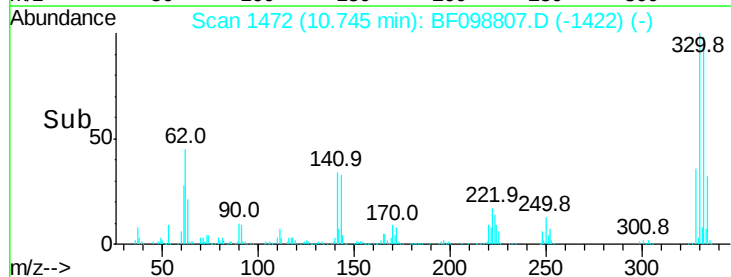
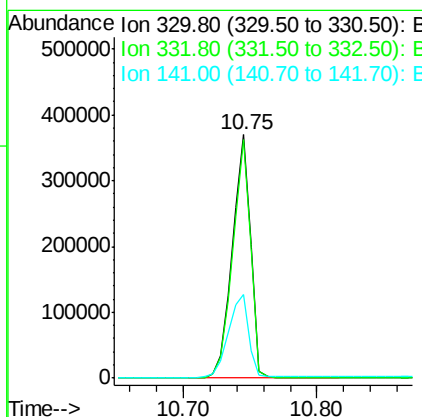
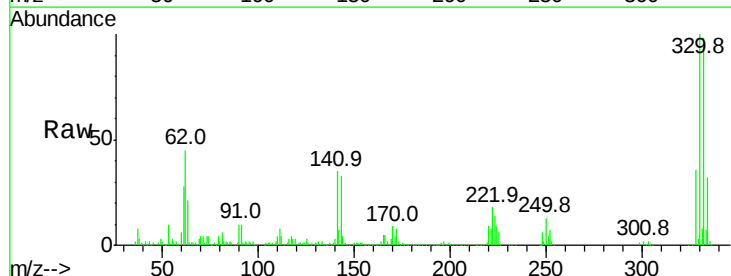
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#41
2,4,6-Tribromophenol
Concen: 148.209 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	357873		
332	96.3	77.0	115.6	
141	37.3	29.9	44.9	





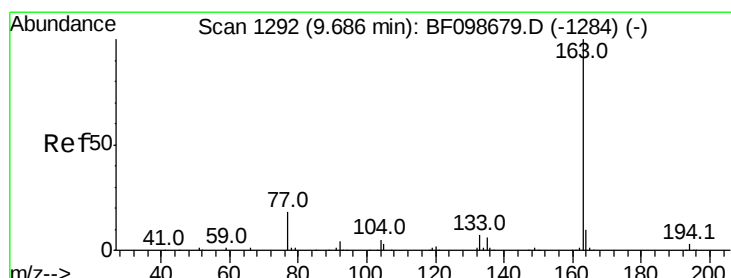
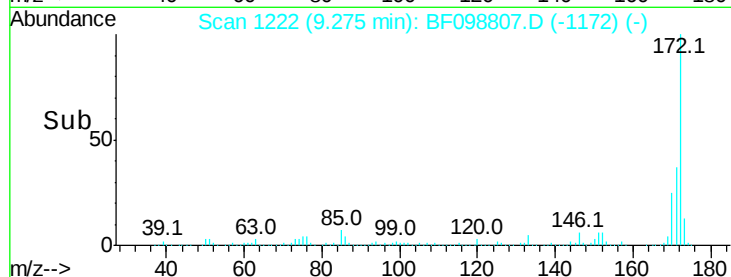
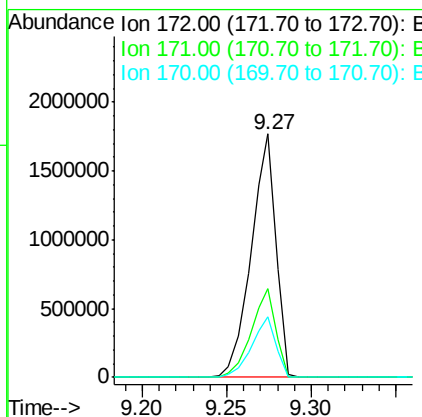
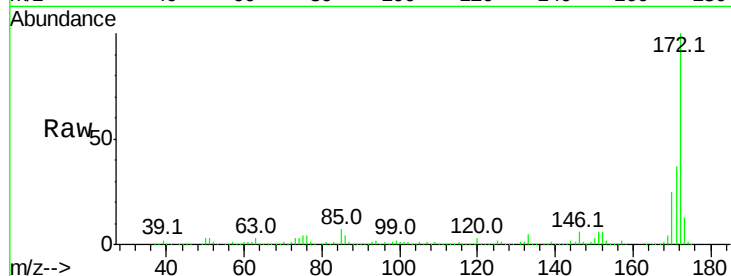
#44
2-Fluorobiphenyl
Concen: 102.376 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Instrument :
BNA_F
ClientSampleId :
TP-4-(0-5)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.8	19.6	29.4

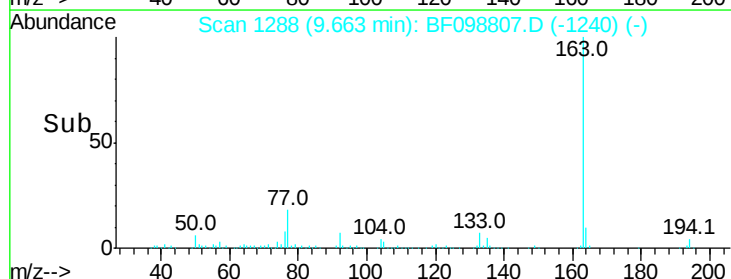
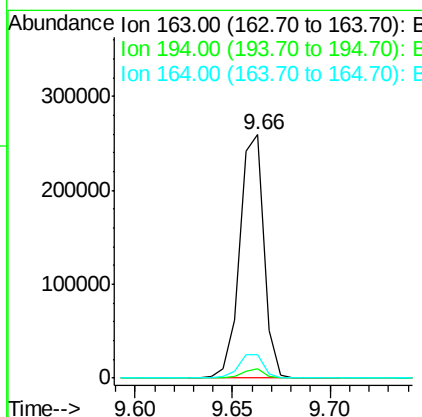
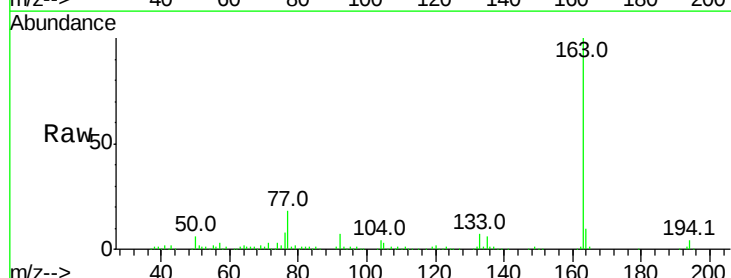
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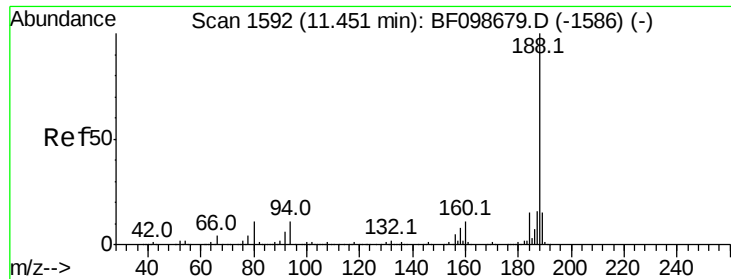
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#49
Dimethylphthalate
Concen: 9.929 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.7	8.2	12.2





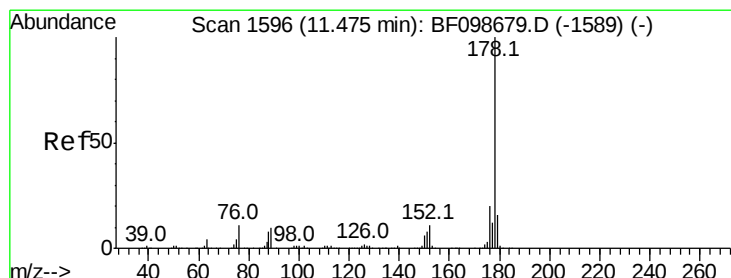
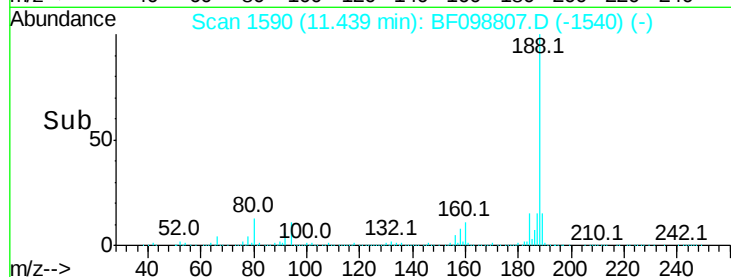
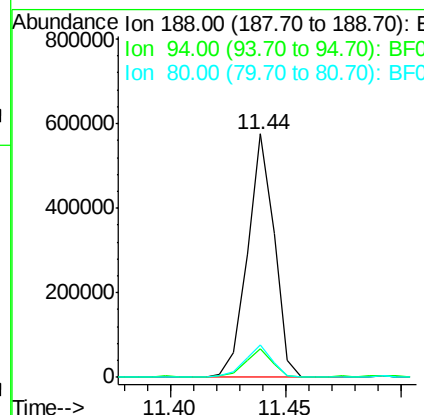
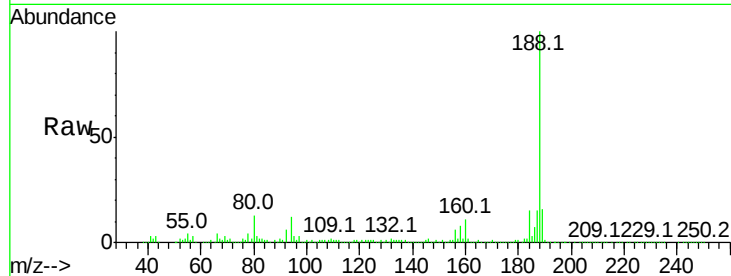
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Instrument :
BNA_F
ClientSampleId :
TP-4-(0-5)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.7	8.5	12.7
80	13.1	9.2	13.8

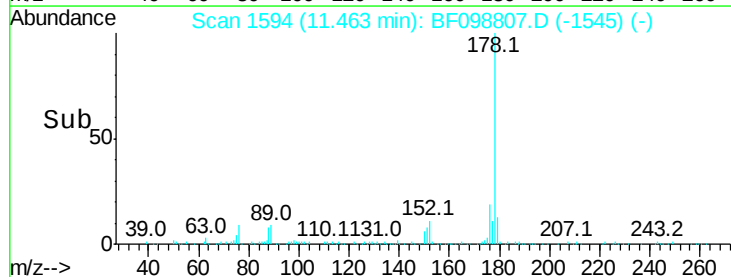
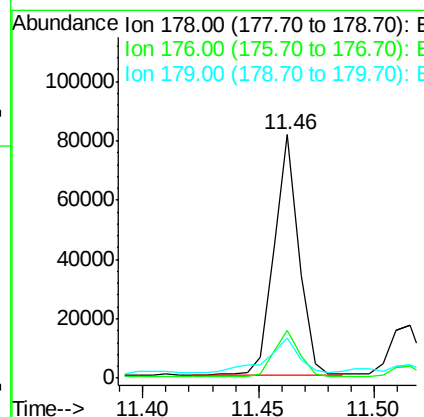
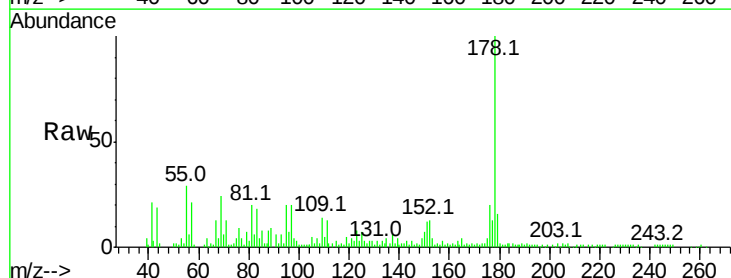
Manual Integrations
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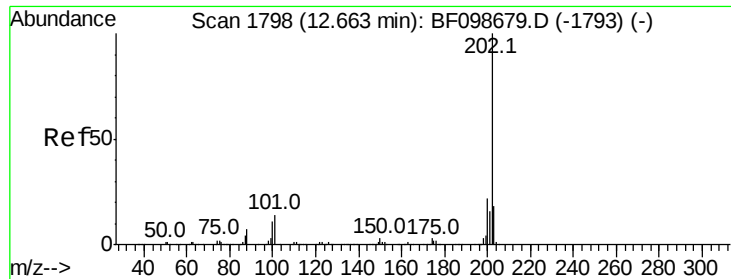
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#70
Phenanthrene
Concen: 2.433 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF098807.D
Acq: 26 Sep 2017 2:46

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.6	15.8	23.8
179	16.4	13.0	19.6





#74

Fluoranthene

Concen: 2.048 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF098807.D

Acq: 26 Sep 2017 2:46

Instrument :

BNA_F

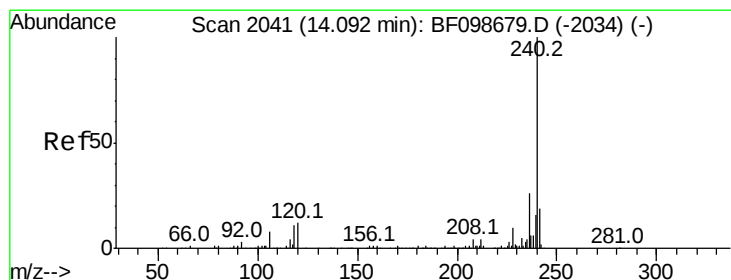
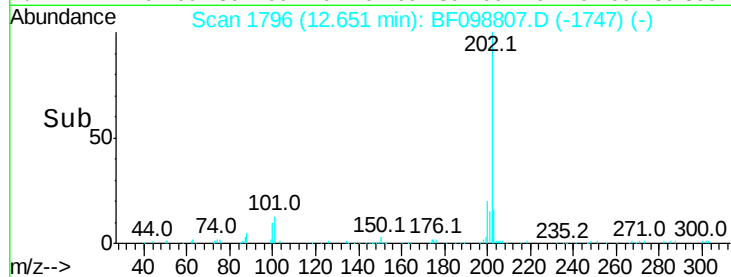
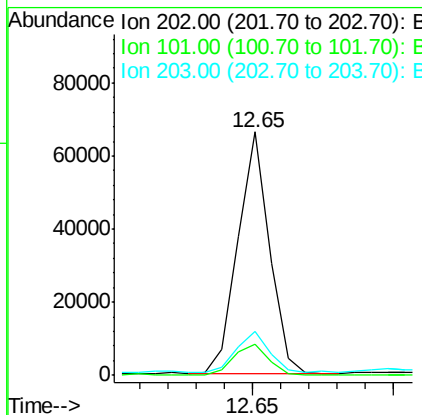
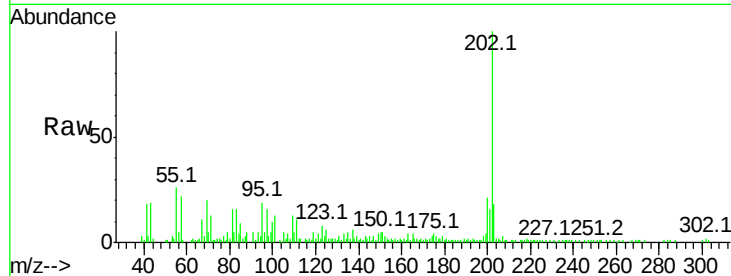
ClientSampleId :

TP-4-(0-5)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	0.0	34.1
203	18.0	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

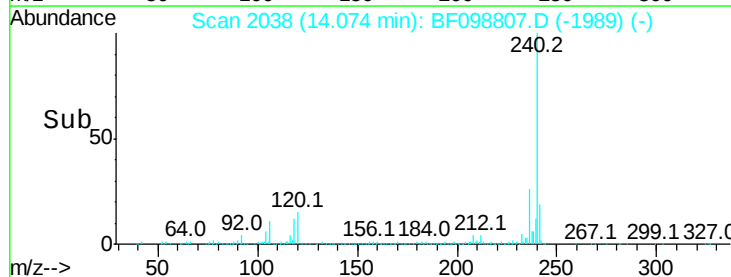
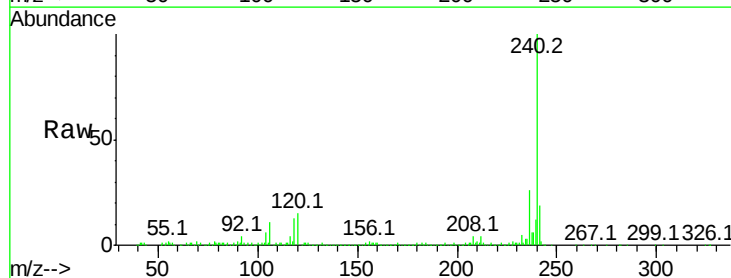
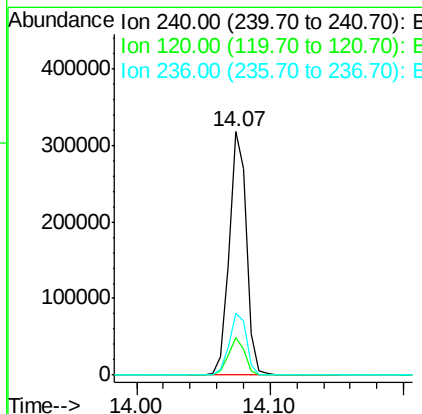
RT: 14.07 min Scan# 2038

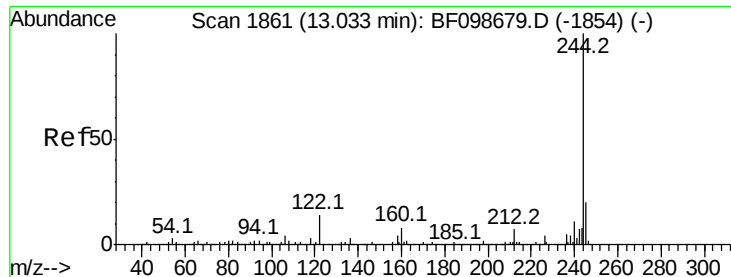
Delta R.T. -0.01 min

Lab File: BF098807.D

Acq: 26 Sep 2017 2:46

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.5	9.5	14.3#
236	25.7	20.7	31.1





#78

Terphenyl-d14

Concen: 100.299 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098807.D

Acq: 26 Sep 2017 2:46

Instrument :

BNA_F

ClientSampleId :

TP-4-(0-5)

Tot Ion:244 Resp: 1284406

Ion Ratio Lower Upper

244 100

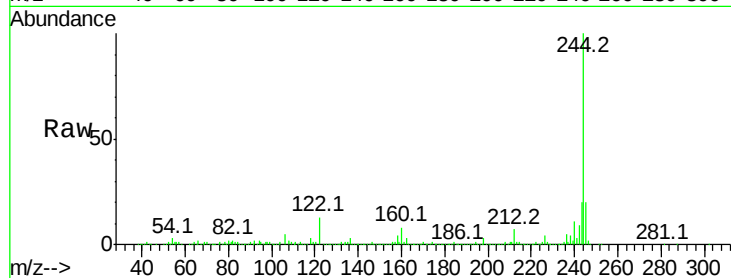
212 7.2 5.4 8.0

122 13.2 11.0 16.4

Manual Integrations
APPROVED

Sohil

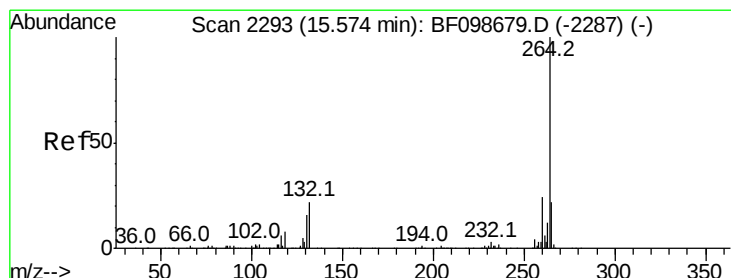
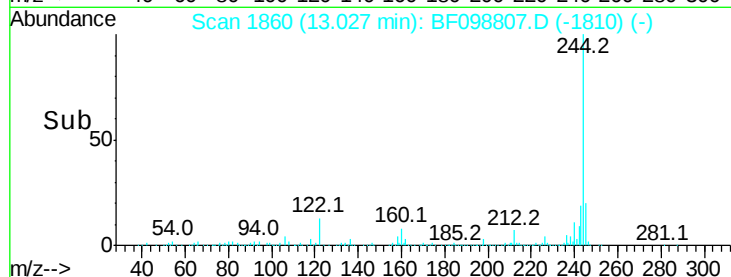
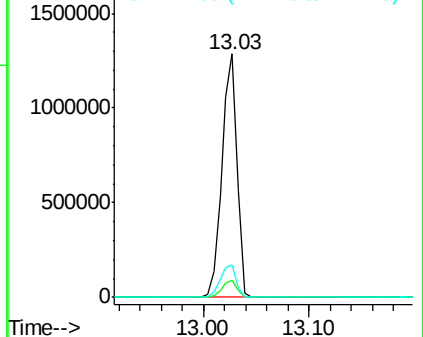
9/26/2017 4:58:54 PM



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: BF098807.D

Acq: 26 Sep 2017 2:46

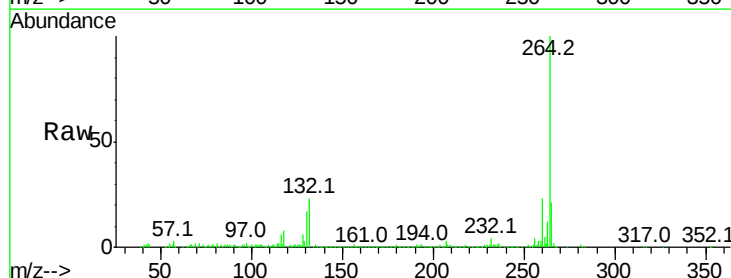
Tgt Ion:264 Resp: 279597

Ion Ratio Lower Upper

264 100

260 23.2 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

