

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103455.D
 Acq On : 6 Mar 2018 14:57
 Operator : SJ/JU
 Sample : J1792-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Manual Integrations
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 3/7/2018 12:15:03 PM

Quant Time: Mar 06 16:39:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	114387	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	491814	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	202213	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	314598	20.00	ng	0.00
75) Chrysene-d12	14.07	240	195692	20.00	ng	0.00
86) Perylene-d12	15.58	264	169463	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	699460	92.48	ng	0.00
7) Phenol-d6	6.51	99	854741	92.36	ng	0.00
23) Nitrobenzene-d5	7.44	82	550296	63.90	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	126423	73.86	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	747005	59.06	ng	0.00
78) Terphenyl-d14	12.99	244	462809	56.85	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	11.43	178	55226	3.190	ng	98
73) Di-n-butylphthalate	11.95	149	216066	9.767	ng	98
74) Fluoranthene	12.63	202	75799	4.357	ng	99
77) Pyrene	12.86	202	65001	4.260	ng	99
80) Benzo(a)anthracene	14.06	228	32299	2.544	ng	# 92
82) Chrysene	14.09	228	31841	2.583	ng	# 96
87) Benzo(b)fluoranthene	15.13	252	36214m	3.250	ng	
89) Benzo(a)pyrene	15.52	252	25836	2.597	ng	# 68

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

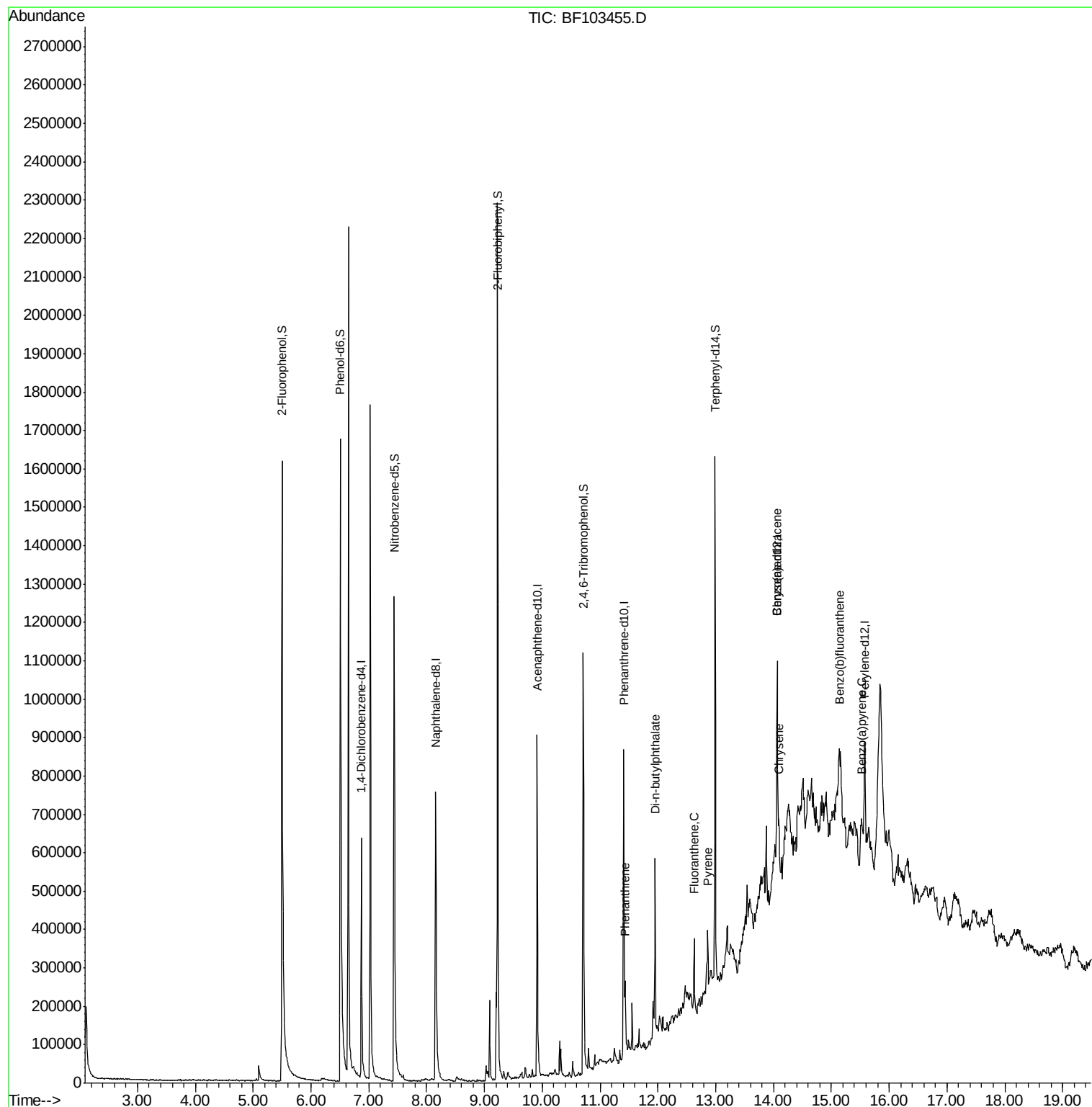
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103455.D
Acq On : 6 Mar 2018 14:57
Operator : SJ/JU
Sample : J1792-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

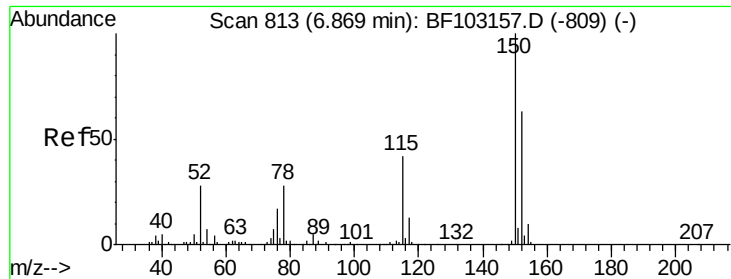
Instrument :
BNA_F
ClientSampleId :
TP-6

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Quant Time: Mar 06 16:39:27 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

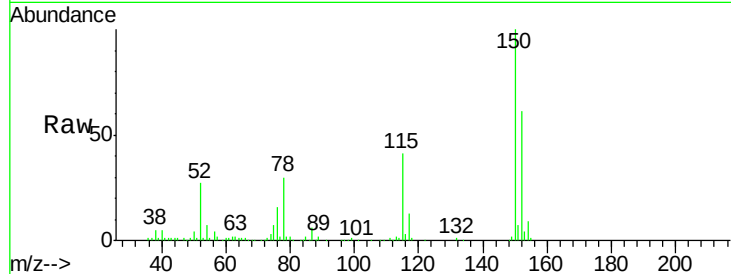
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103455.D
Acq: 6 Mar 2018 14:57

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.8	124.6	186.8
115	67.7	50.1	75.1

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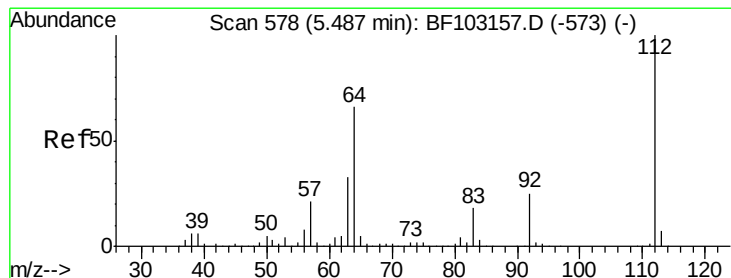
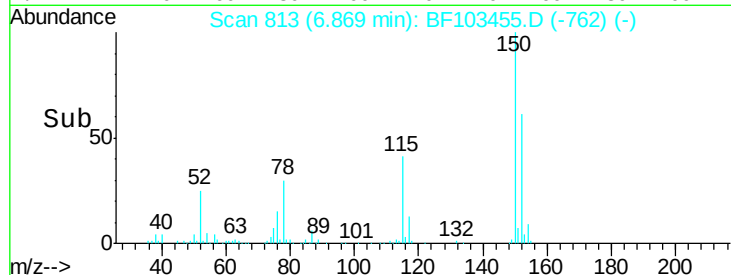
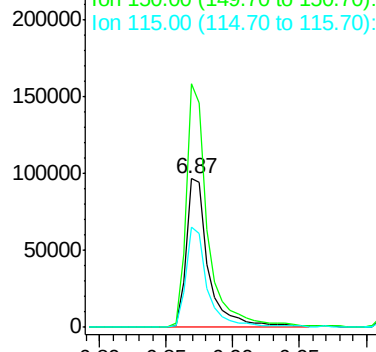


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

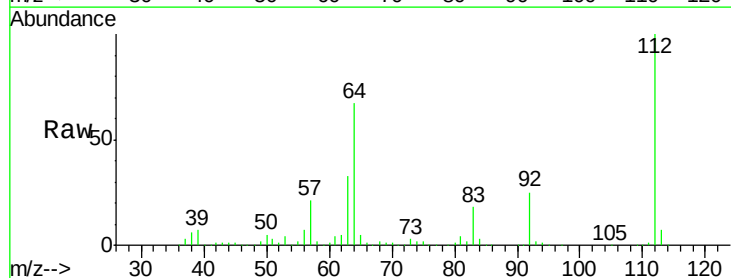
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.483 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF103455.D
Acq: 6 Mar 2018 14:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	47.9	71.9
63	33.5	23.7	35.5

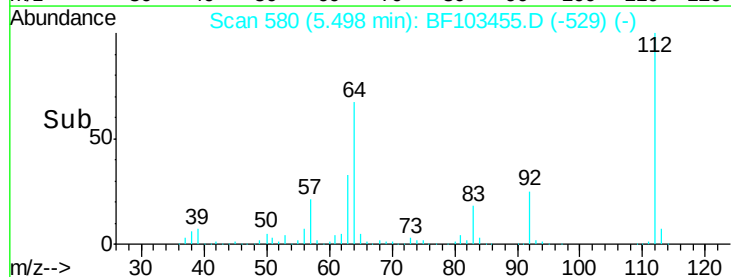
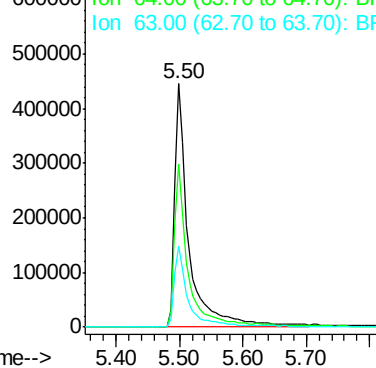


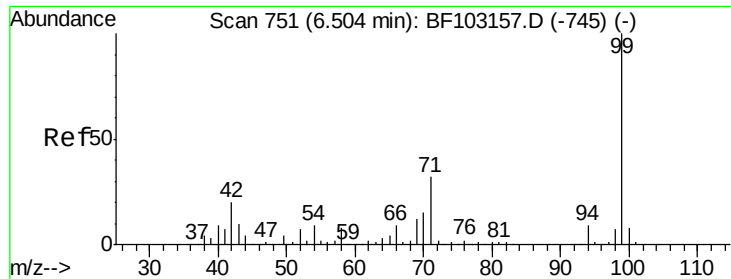
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 92.358 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103455.D

Acq: 6 Mar 2018 14:57

Instrument :

BNA_F

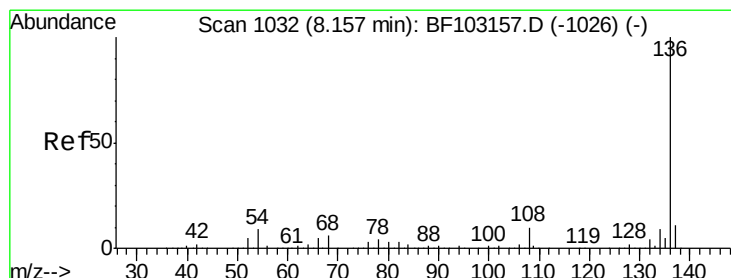
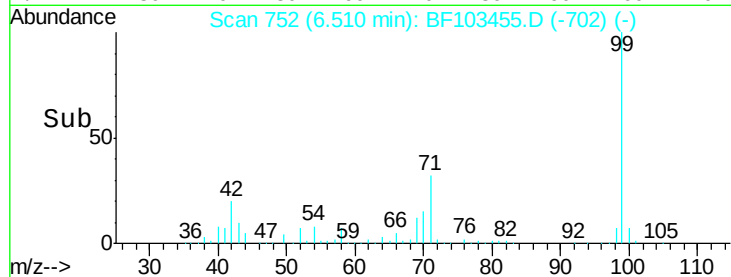
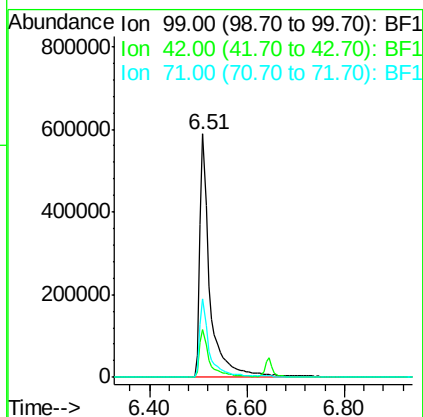
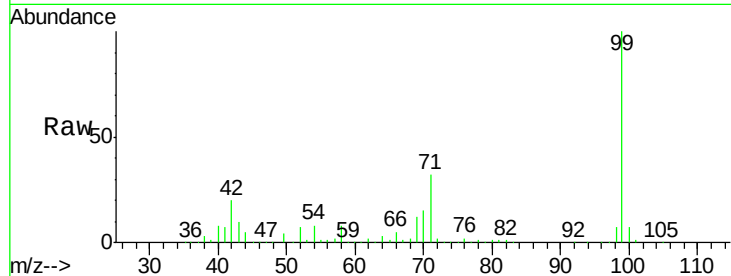
ClientSampled :

TP-6

Tot Ion:	99	Resp:	854741
Ion Ratio	Lower	Upper	
99	100		
42	19.6	14.5	21.7
71	32.3	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

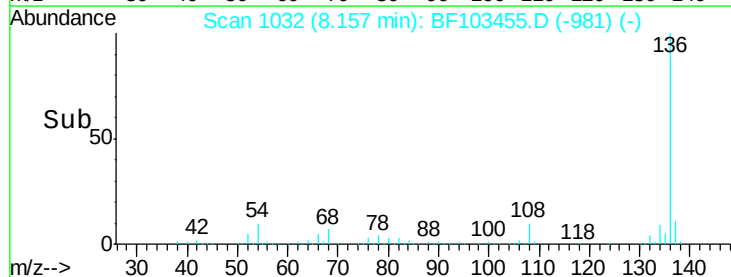
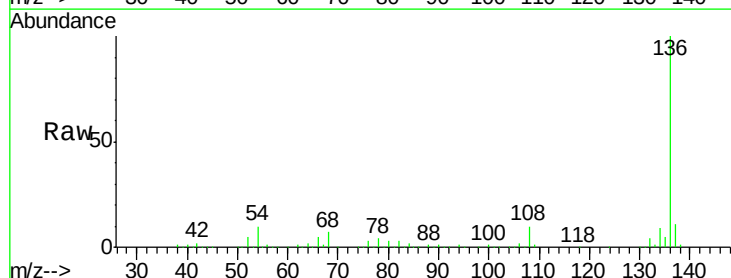
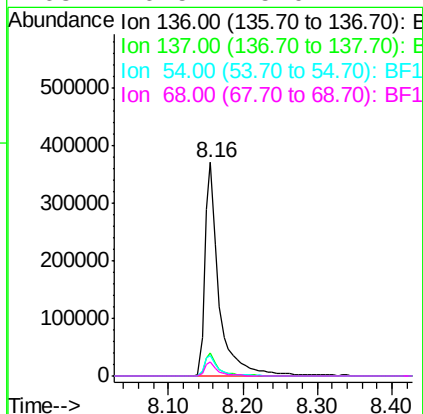
RT: 8.16 min Scan# 1032

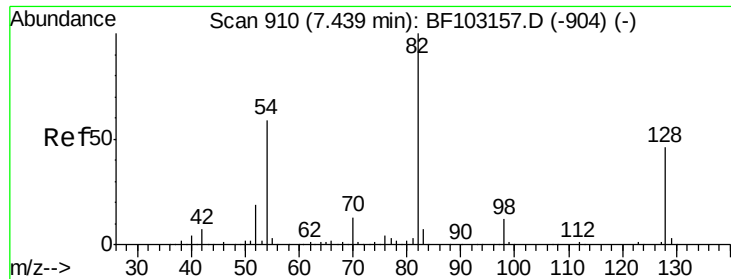
Delta R.T. -0.00 min

Lab File: BF103455.D

Acq: 6 Mar 2018 14:57

Tgt Ion:	136	Resp:	491814
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	9.5	6.6	9.8
68	6.5	5.0	7.4





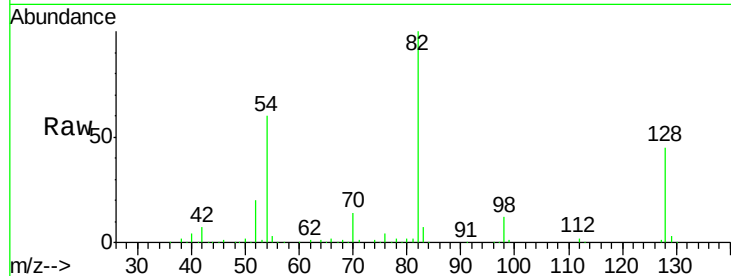
#23
Nitrobenzene-d5
Concen: 63.899 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103455.D
Acq: 6 Mar 2018 14:57

Instrument :
BNA_F
ClientSampled :
TP-6

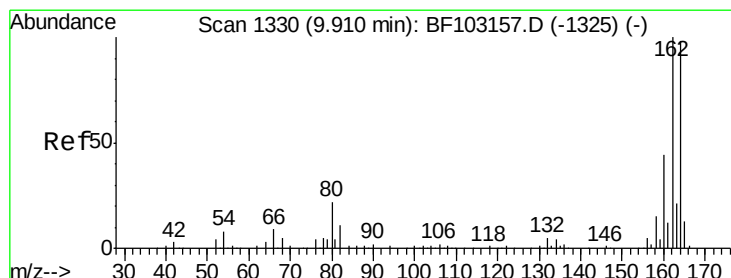
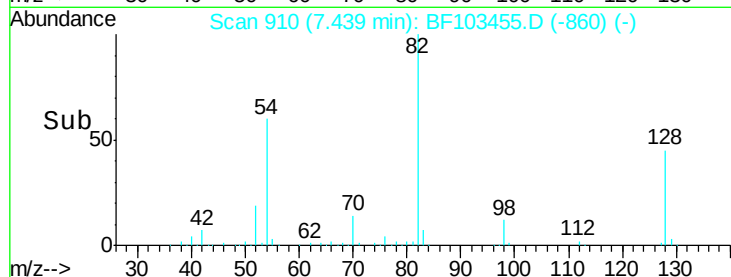
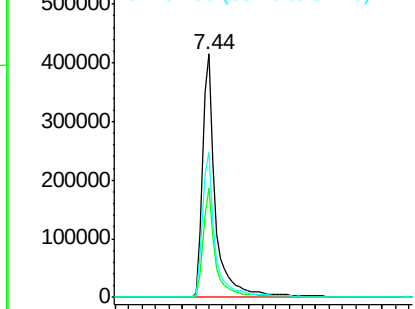
Tot Ion	Ratio	Resp	Lower	Upper
82	100	550296		
128	45.1		36.1	54.1
54	59.8		41.4	62.2

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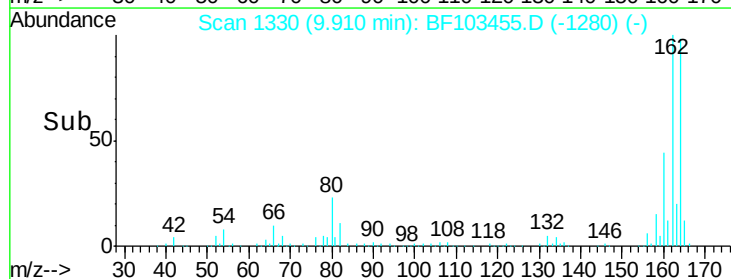
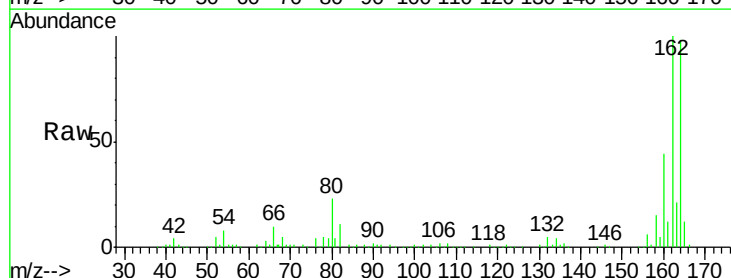
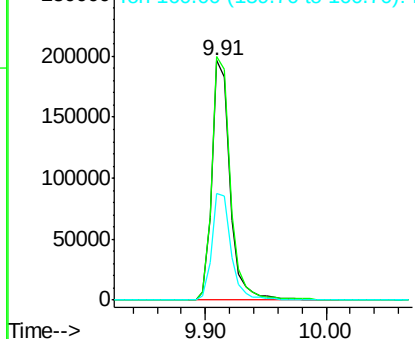
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

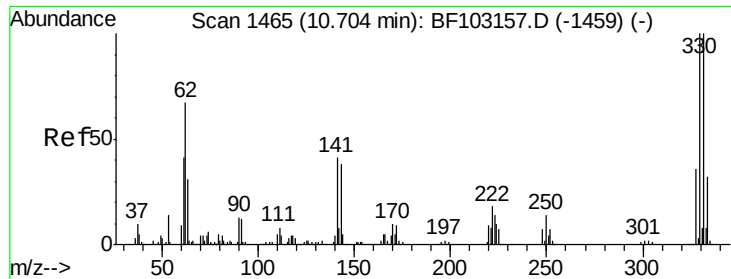


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103455.D
Acq: 6 Mar 2018 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	202213		
162	101.7		86.1	129.1
160	44.5		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: 73.862 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF103455.D

Acq: 6 Mar 2018 14:57

Instrument :

BNA_F

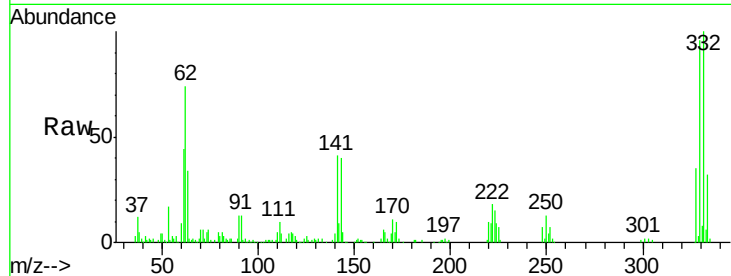
ClientSampled :

TP-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	104.3	77.0	115.6
141	45.6	29.9	44.9

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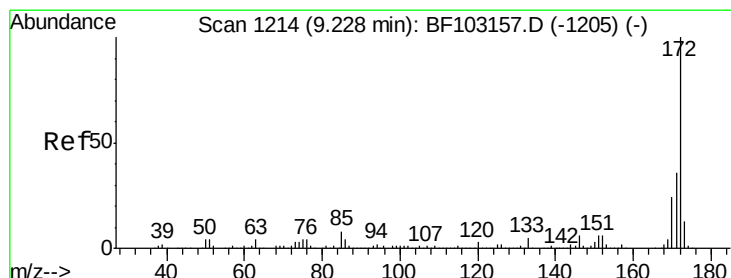
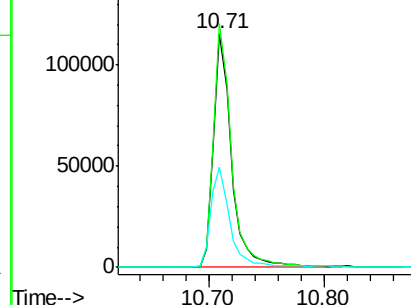
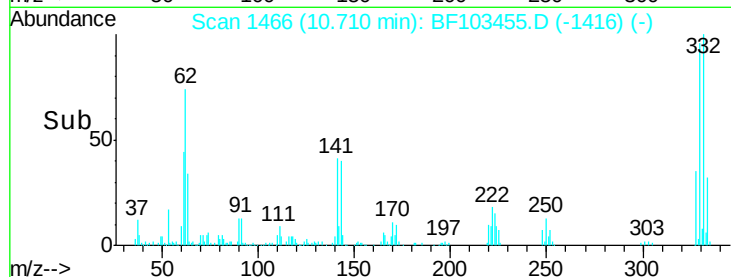


Abundance

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: 59.058 ng

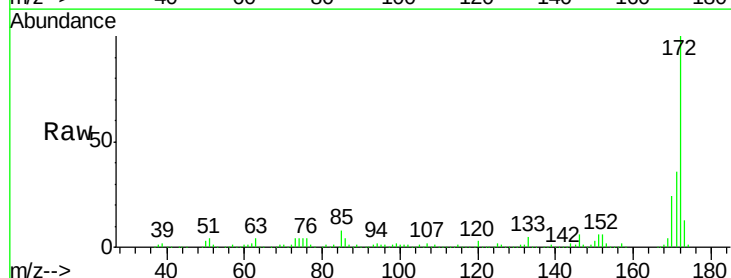
RT: 9.23 min Scan# 1214

Delta R.T. -0.00 min

Lab File: BF103455.D

Acq: 6 Mar 2018 14:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	19.6	29.4

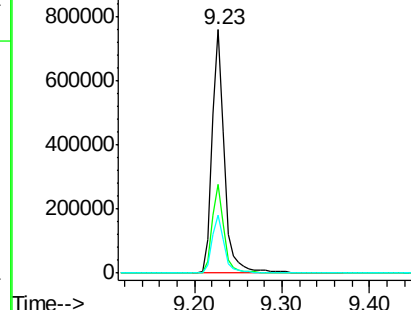
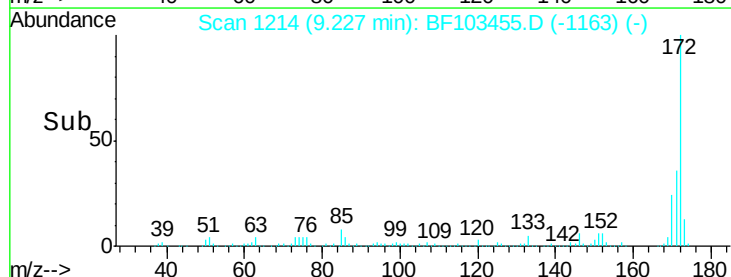


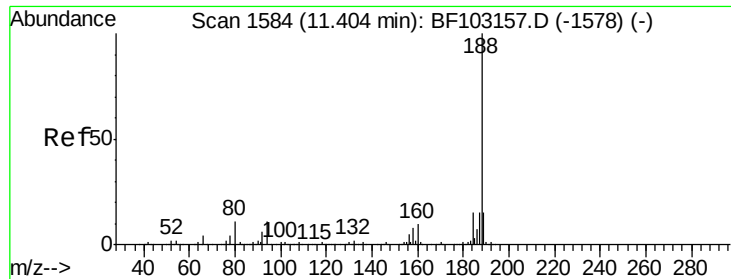
Abundance

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF103455.D

Acq: 6 Mar 2018 14:57

Instrument :

BNA_F

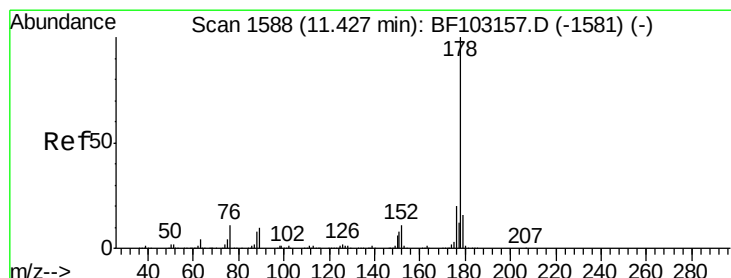
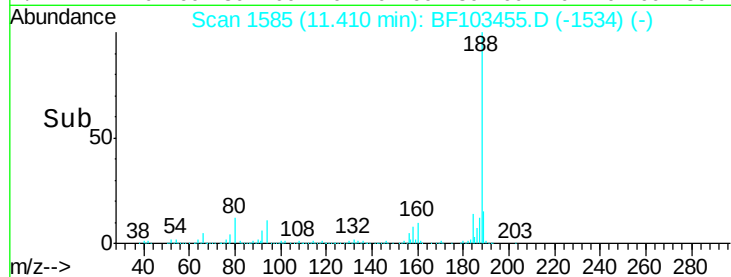
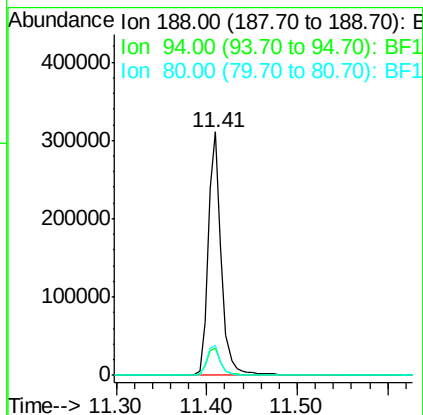
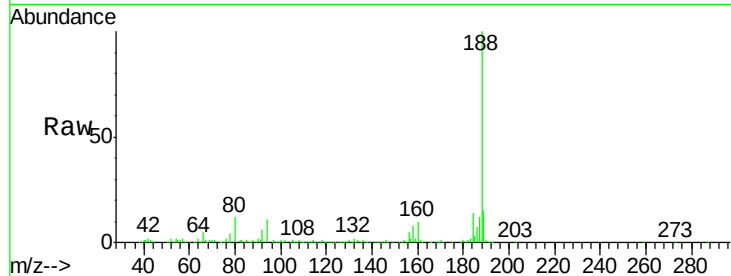
ClientSampled :

TP-6

Tot Ion:	188	Resp:	314598
Ion Ratio	Lower	Upper	
188	100		
94	11.4	8.5	12.7
80	12.2	9.2	13.8

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#70

Phenanthrene

Concen: 3.190 ng

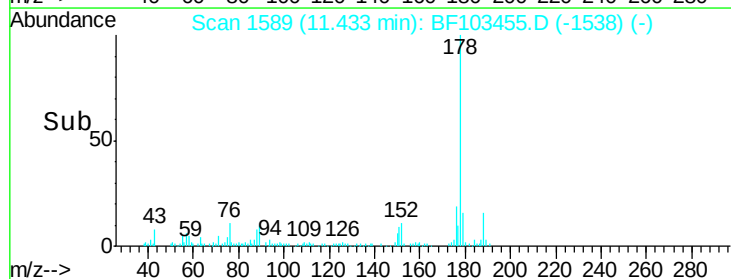
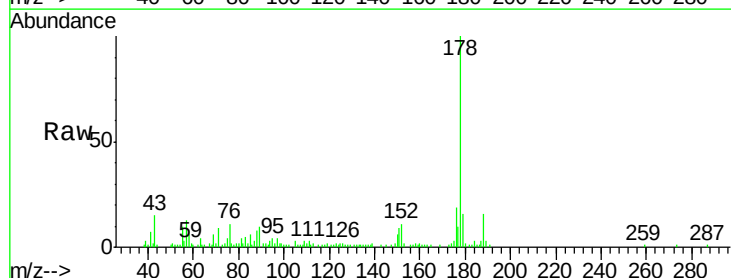
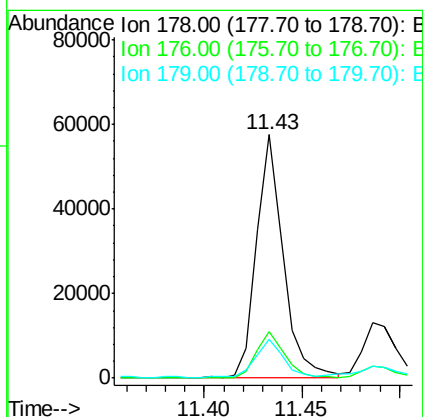
RT: 11.43 min Scan# 1589

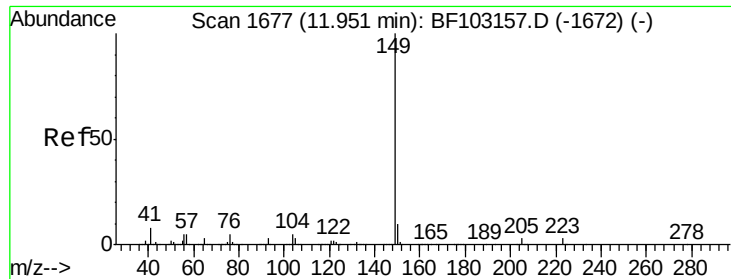
Delta R.T. -0.00 min

Lab File: BF103455.D

Acq: 6 Mar 2018 14:57

Tgt Ion:	178	Resp:	55226
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.8	23.8
179	15.9	13.0	19.6





#73

Di-n-butylphthalate

Concen: 9.767 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BF103455.D

Acq: 6 Mar 2018 14:57

Instrument :

BNA_F

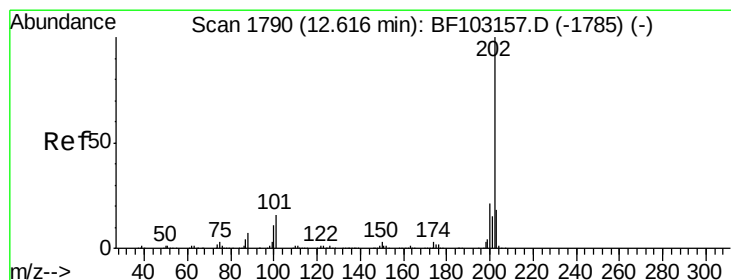
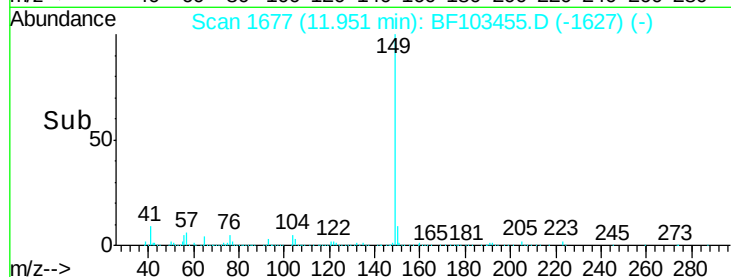
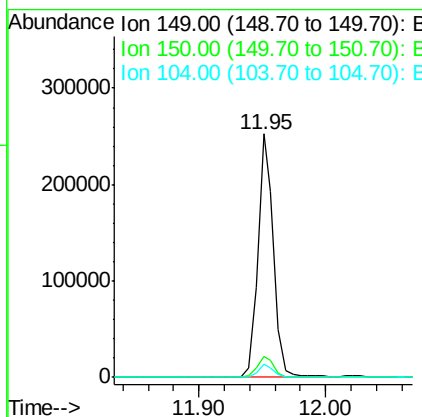
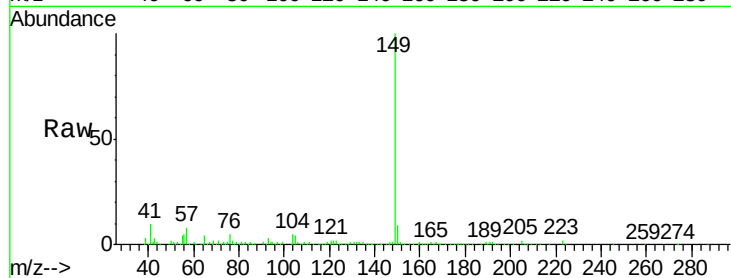
ClientSampleId :

TP-6

Tot Ion:	149	Resp:	216066
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.8	11.6
104	5.4	3.8	5.8

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#74

Fluoranthene

Concen: 4.357 ng

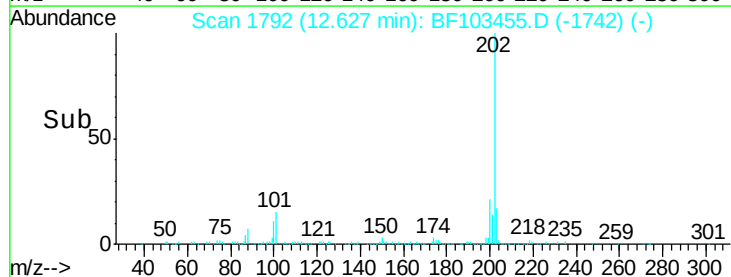
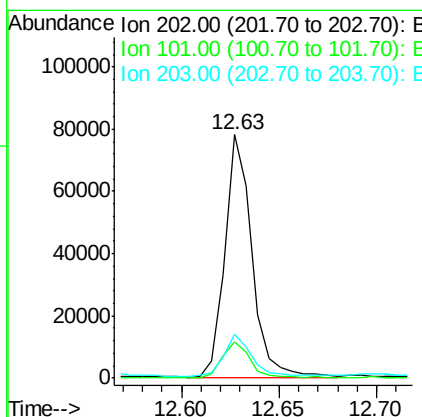
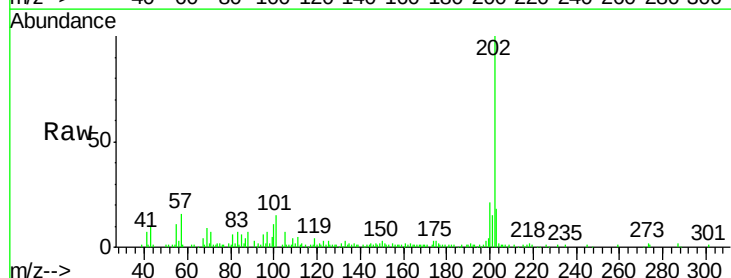
RT: 12.63 min Scan# 1792

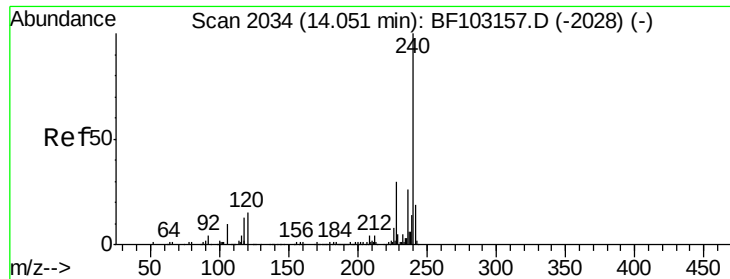
Delta R.T. -0.01 min

Lab File: BF103455.D

Acq: 6 Mar 2018 14:57

Tgt Ion:	202	Resp:	75799
Ion Ratio	Lower	Upper	
202	100		
101	14.8	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF103455.D

Acq: 6 Mar 2018 14:57

Instrument :

BNA_F

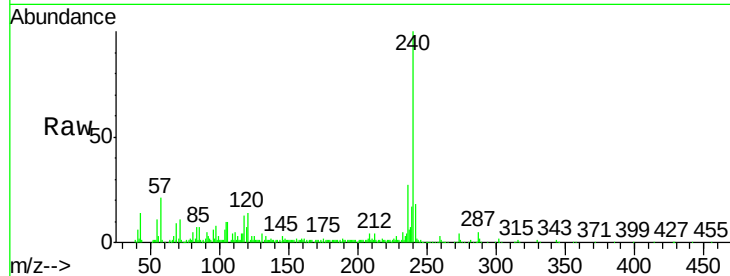
ClientSampled :

TP-6

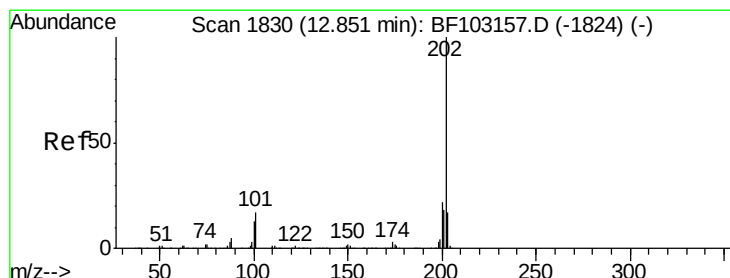
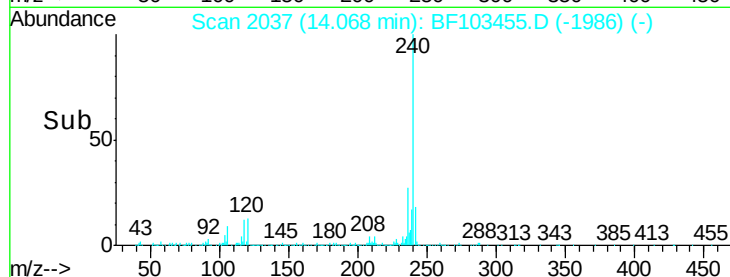
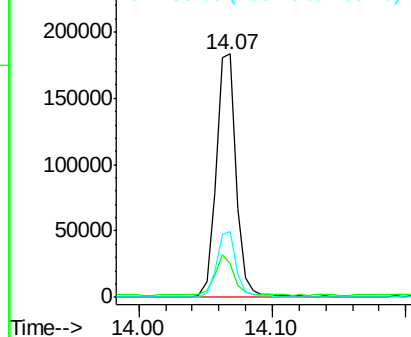
Tot Ion:	240	Resp:	195692
Ion Ratio	Lower	Upper	
240	100		
120	13.8	9.5	14.3
236	27.2	20.7	31.1

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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



#77

Pyrene

Concen: 4.260 ng

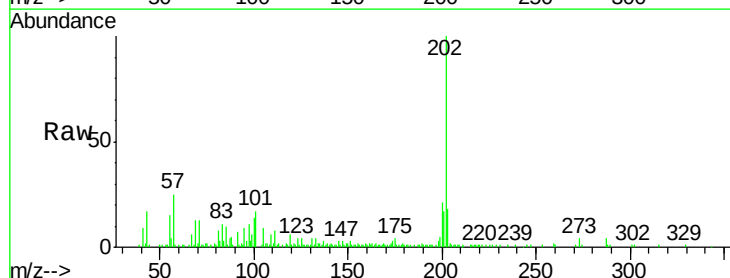
RT: 12.86 min Scan# 1832

Delta R.T. -0.00 min

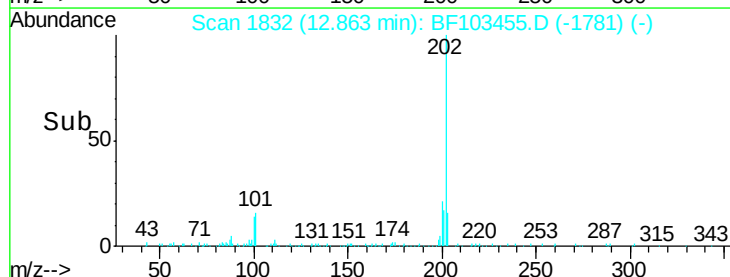
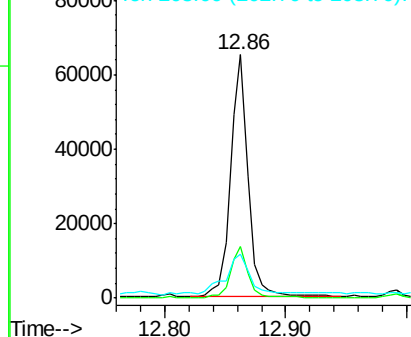
Lab File: BF103455.D

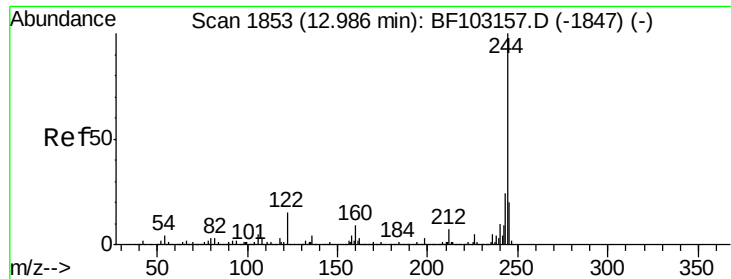
Acq: 6 Mar 2018 14:57

Tgt Ion:	202	Resp:	65001
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	18.0	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 56.851 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF103455.D

Acq: 6 Mar 2018 14:57

Instrument :

BNA_F

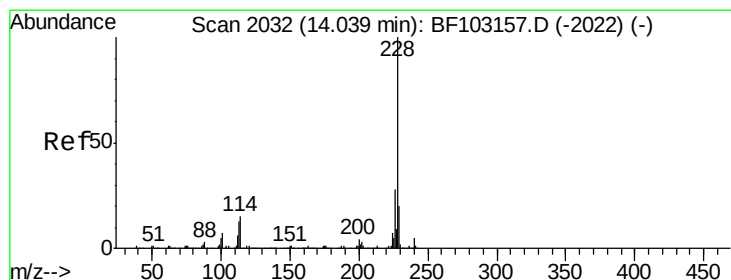
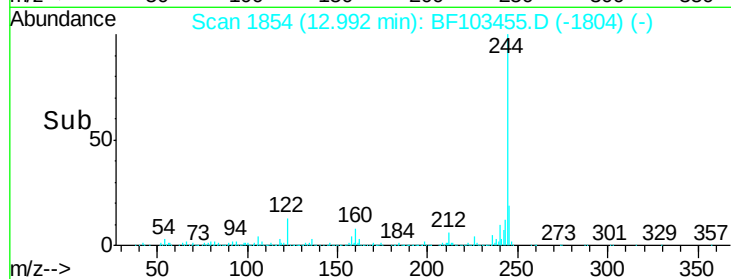
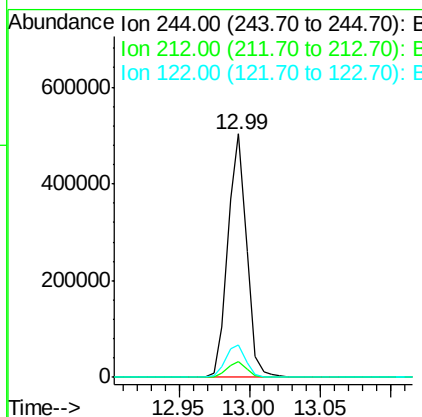
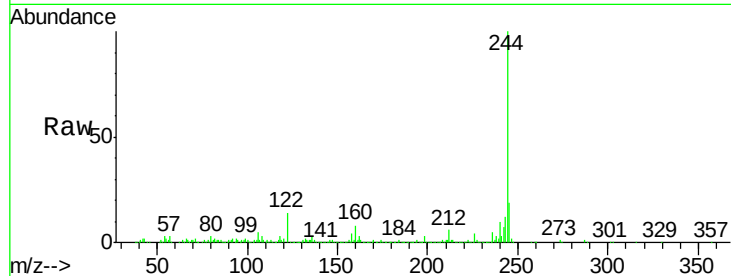
ClientSampleId :

TP-6

Tot Ion:	244	Resp:	462809
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.4	8.0
122	13.5	11.0	16.4

Manual Integrations
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3/7/2018 12:15:03 PM



#80

Benzo(a)anthracene

Concen: 2.544 ng

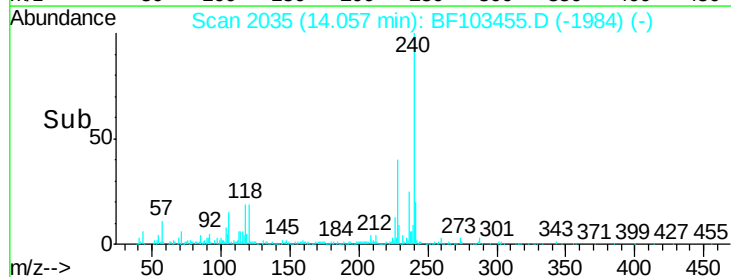
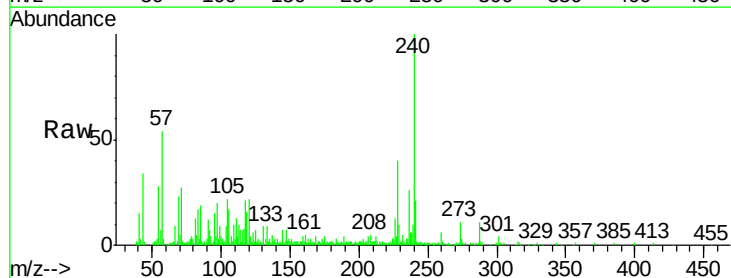
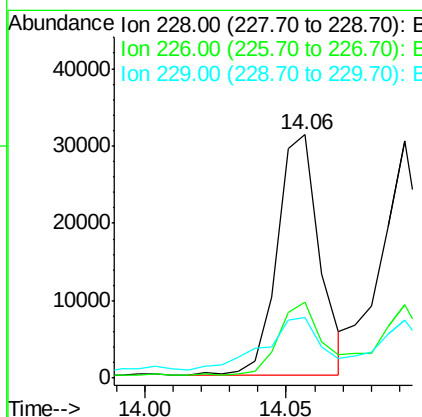
RT: 14.06 min Scan# 2035

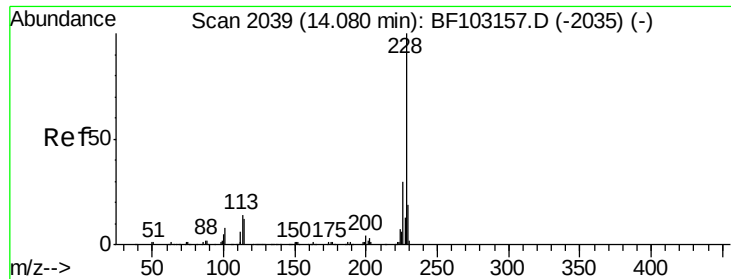
Delta R.T. -0.00 min

Lab File: BF103455.D

Acq: 6 Mar 2018 14:57

Tgt Ion:	228	Resp:	32299
Ion Ratio	Lower	Upper	
228	100		
226	31.1	22.6	33.8
229	24.6	15.8	23.6





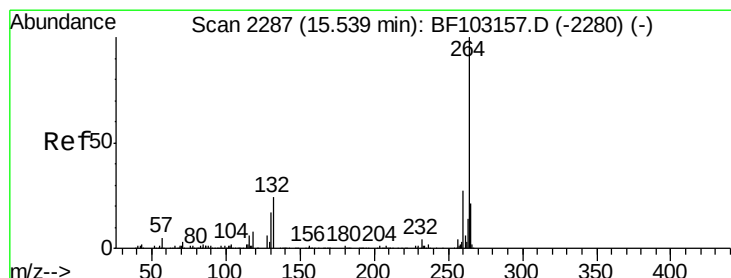
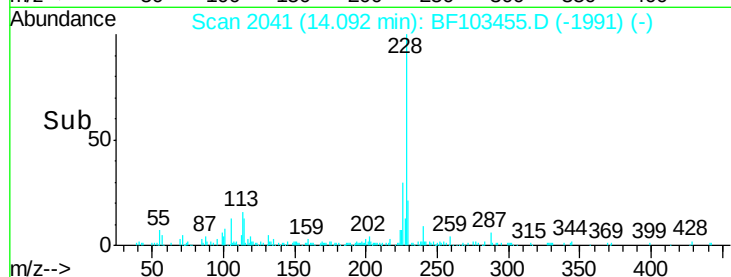
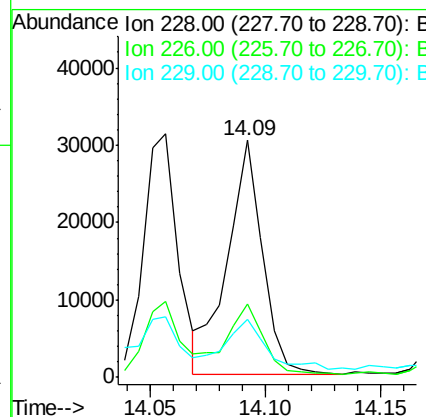
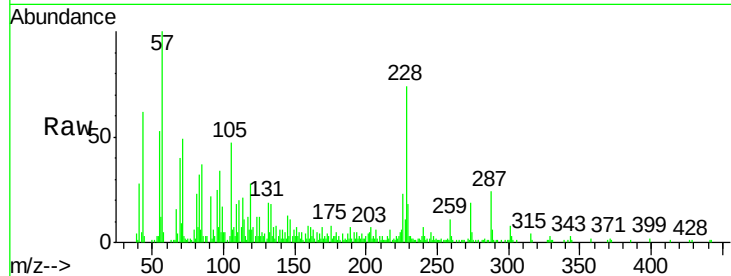
#82
Chrysene
Concen: 2.583 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103455.D
Acq: 6 Mar 2018 14:57

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	24.6	16.2	24.4

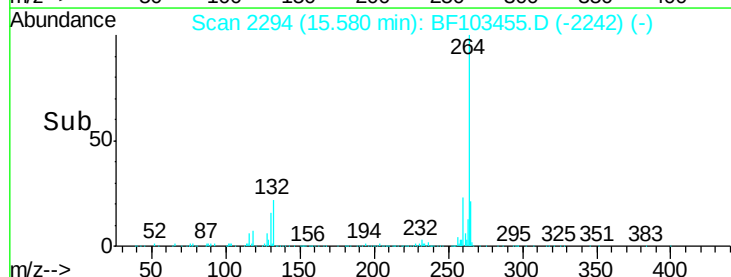
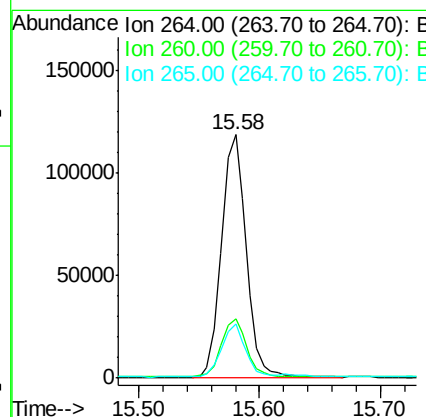
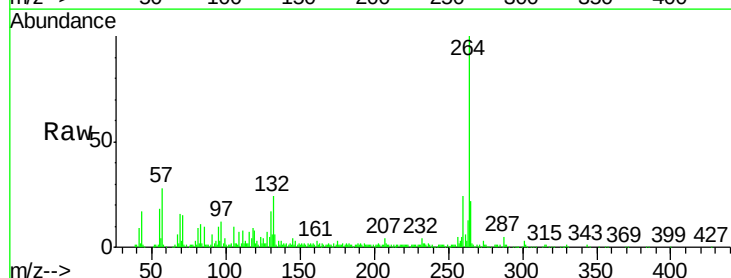
Manual Integrations
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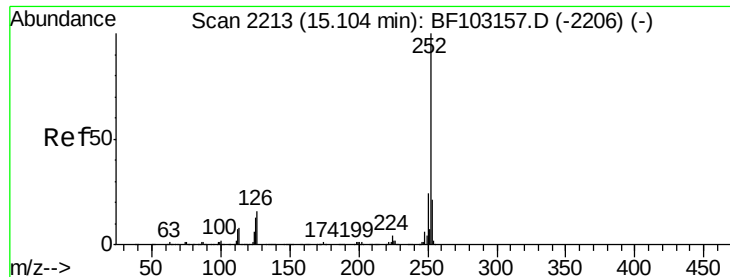
Sohil
3/7/2018 12:15:03 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF103455.D
Acq: 6 Mar 2018 14:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.0	17.5	26.3





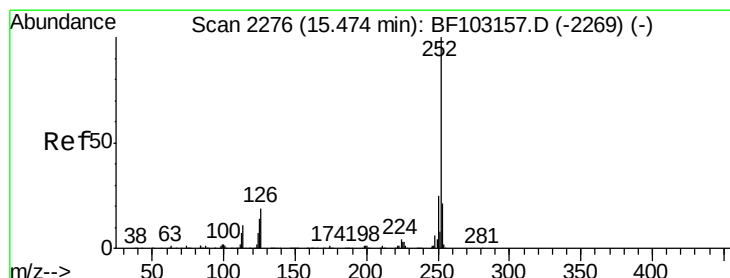
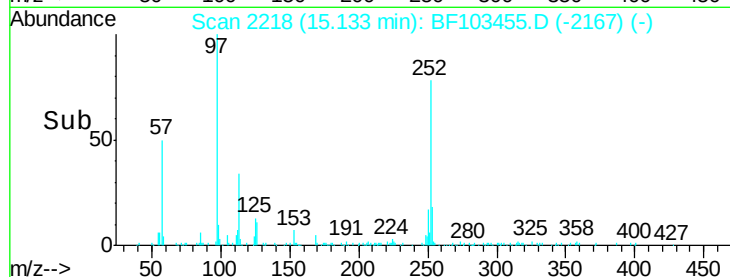
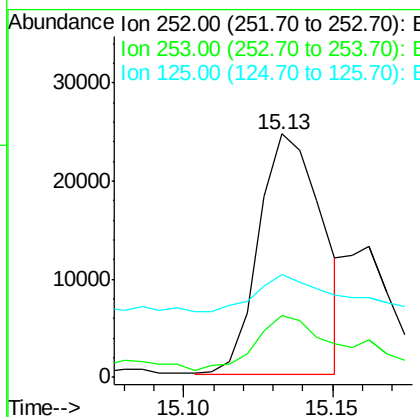
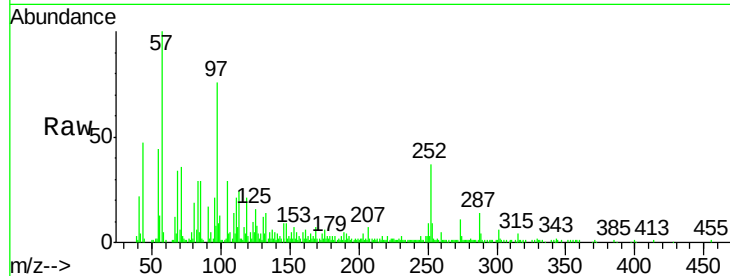
#87
Benzo(b)fluoranthene
Concen: 3.250 ng m
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF103455.D
Acq: 6 Mar 2018 14:57

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.0	25.6
125	42.1	9.0	13.6#

Manual Integrations
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Sohil
3/7/2018 12:15:03 PM



#89
Benzo(a)pyrene
Concen: 2.597 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF103455.D
Acq: 6 Mar 2018 14:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	42.8	9.8	14.6#

