

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
 Data File : BF098552.D
 Acq On : 15 Sep 2017 2:36
 Operator : SJ/JU
 Sample : I5222-05 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Manual Integrations
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Sohil
 9/15/2017 5:44:31 PM

Quant Time: Sep 15 07:20:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	131108	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	551970	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	248266	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	407480	20.00	ng	-0.02
75) Chrysene-d12	13.79	240	296261	20.00	ng	-0.02
86) Perylene-d12	15.19	264	293366	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	501171	56.52	ng	-0.02
7) Phenol-d6	6.30	99	630453	56.00	ng	-0.02
23) Nitrobenzene-d5	7.22	82	366053	36.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	103132	62.24	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	623684	42.58	ng	-0.03
78) Terphenyl-d14	12.74	244	438441	31.94	ng	-0.02
Target Compounds						
10) Phenol	6.32	94	27109	2.073	ng	Qvalue # 52
49) Dimethylphthalate	9.40	163	100318	5.220	ng	100
70) Phenanthrene	11.19	178	134348	6.219	ng	96
74) Fluoranthene	12.37	202	161166	7.453	ng	100
77) Pyrene	12.60	202	150131	6.424	ng	96
80) Benzo(a)anthracene	13.79	228	54187	3.120	ng	99
82) Chrysene	13.82	228	54509	3.105	ng	96
83) Bis(2-ethylhexyl)phthalate	13.78	149	26743	2.102	ng	# 98
87) Benzo(b)fluoranthene	14.80	252	62980m	3.414	ng	
89) Benzo(a)pyrene	15.14	252	43716	2.660	ng	99

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

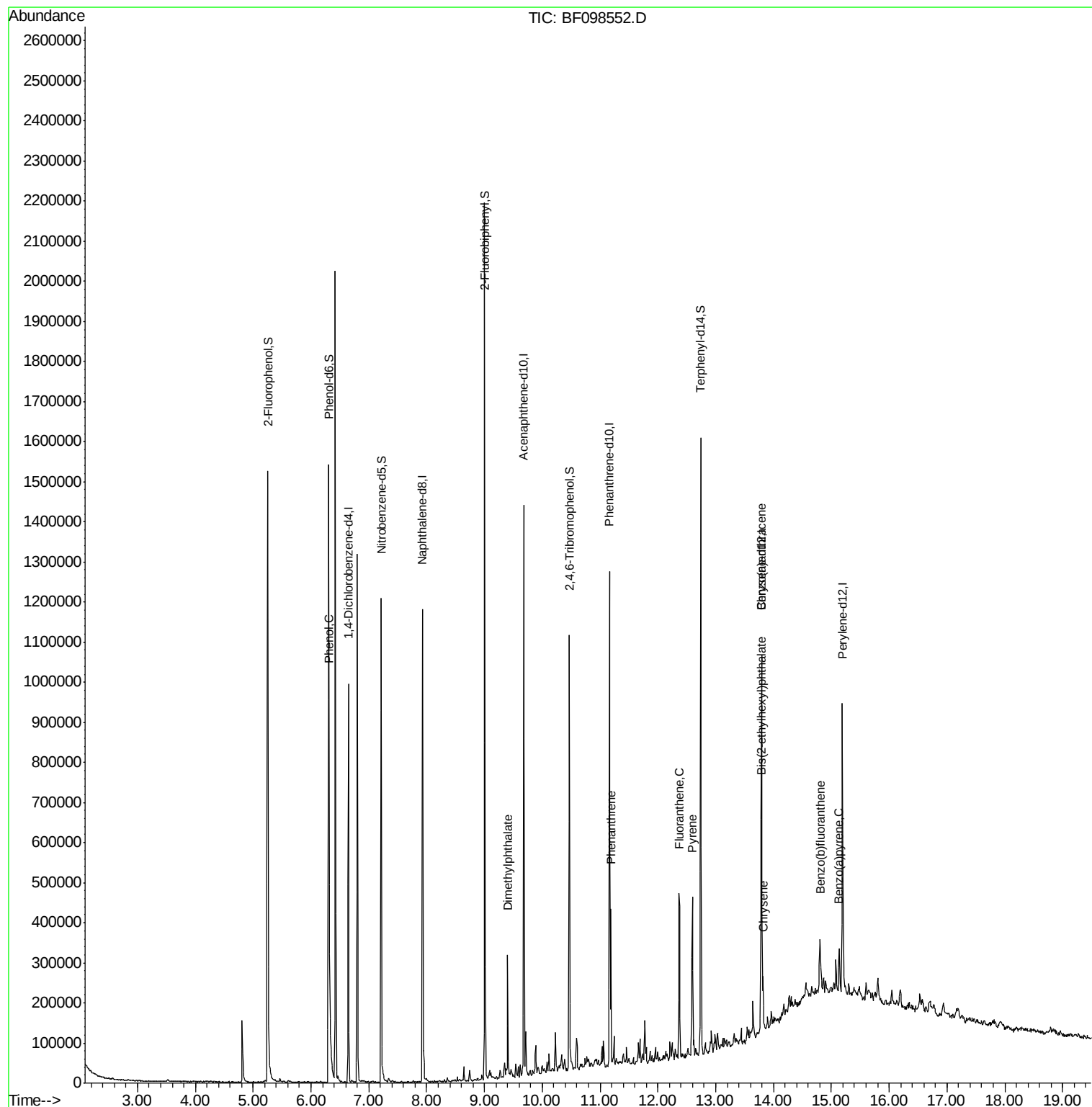
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098552.D
Acq On : 15 Sep 2017 2:36
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Misc :
ALS Vial : 22 Sample Multiplier: 1

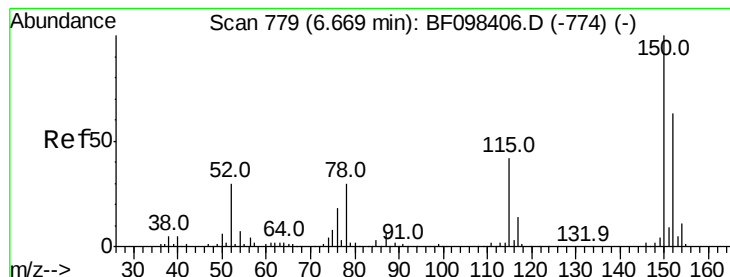
Instrument :
BNA_F
ClientSampleId :
SP-2

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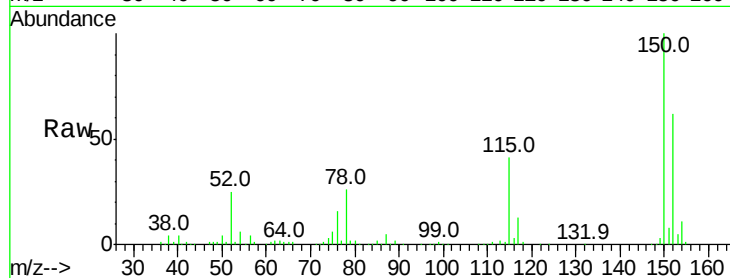
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.02 min
 Lab File: BF098552.D
 Acq: 15 Sep 2017 2:36

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	126.2	189.2
115	66.6	52.2	78.2

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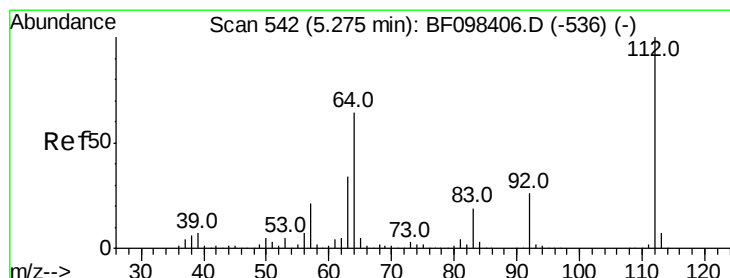
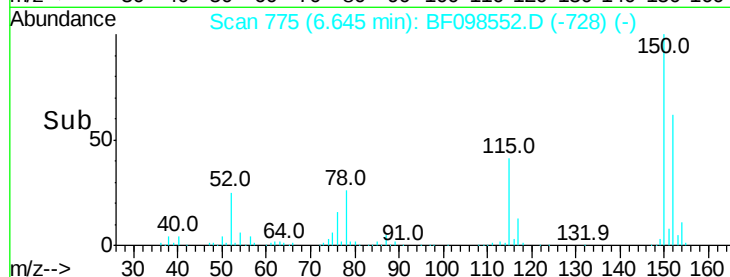
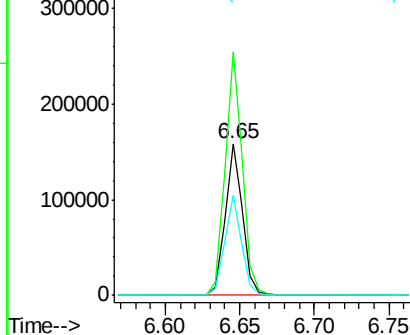


Abundance

Ion 152.00 (151.70 to 152.70): E

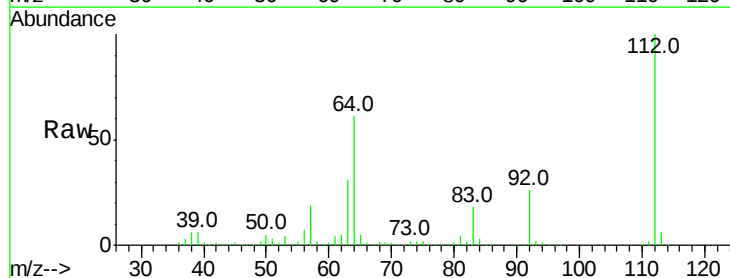
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 56.518 ng
 RT: 5.25 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: BF098552.D
 Acq: 15 Sep 2017 2:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	46.0	69.0
63	31.2	23.4	35.0

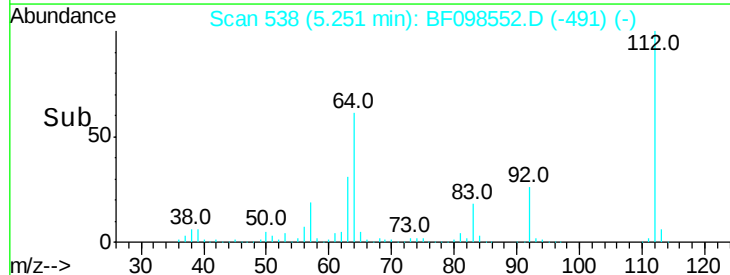
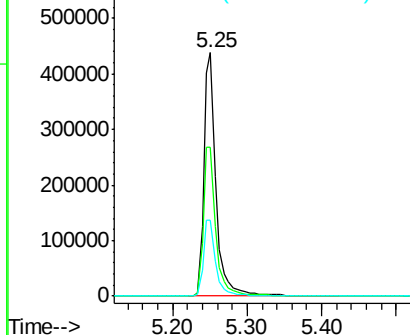


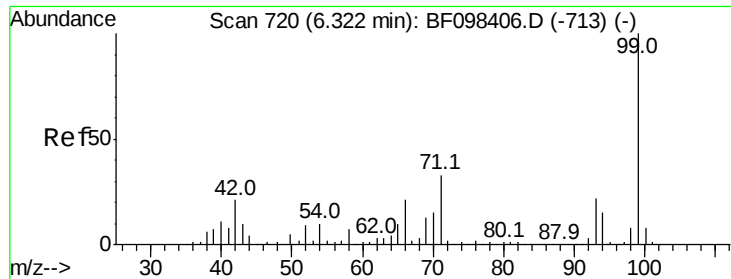
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 55.997 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF098552.D

Acq: 15 Sep 2017 2:36

Instrument :

BNA_F

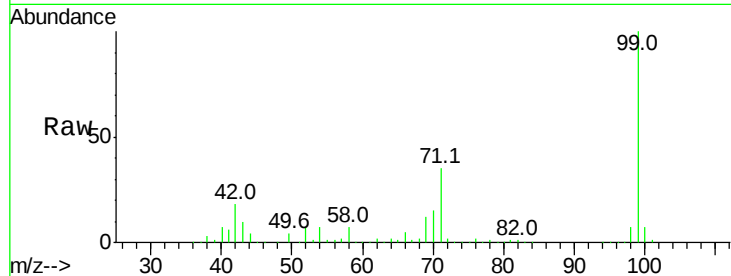
ClientSampled :

SP-2

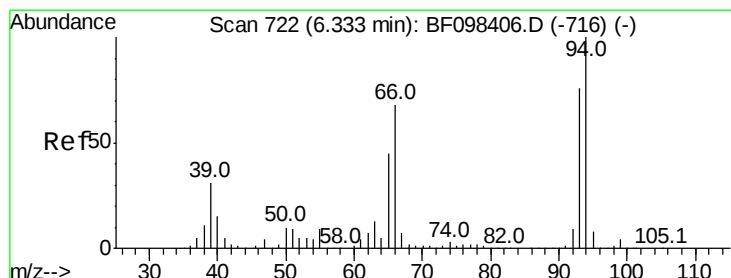
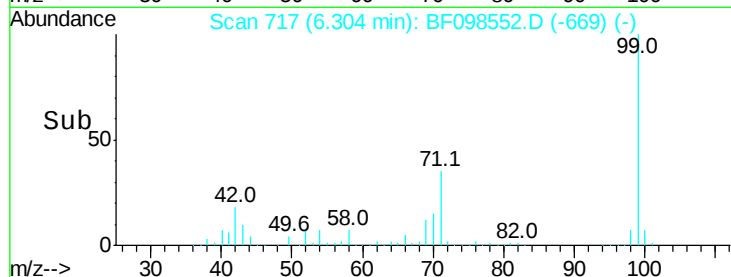
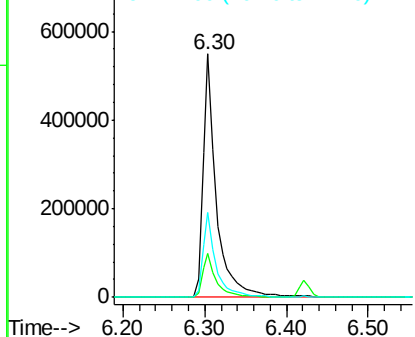
Tot Ion:	99	Resp:	630453
Ion Ratio	Lower	Upper	
99	100		
42	18.2	13.5	20.3
71	34.7	24.5	36.7

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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: 2.073 ng

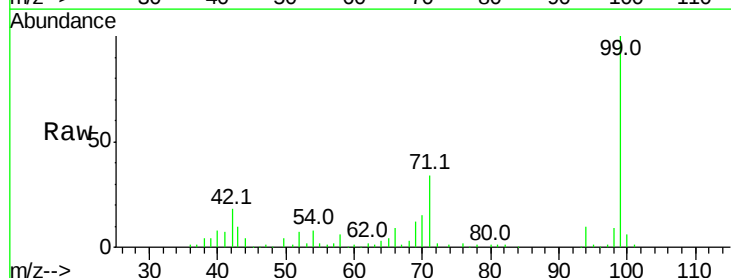
RT: 6.32 min Scan# 719

Delta R.T. -0.02 min

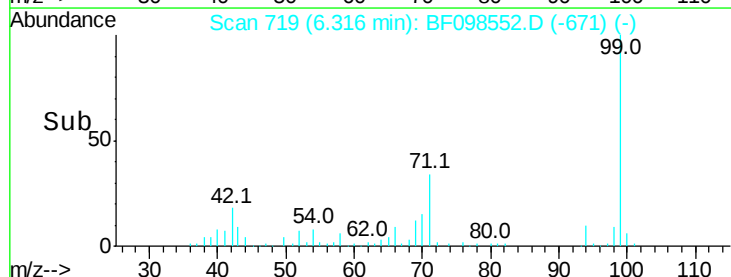
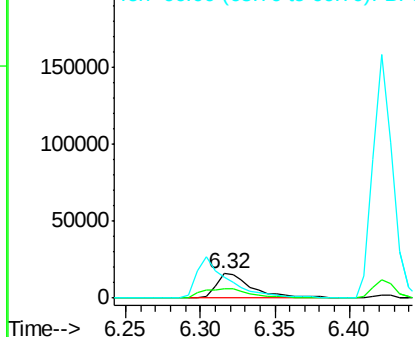
Lab File: BF098552.D

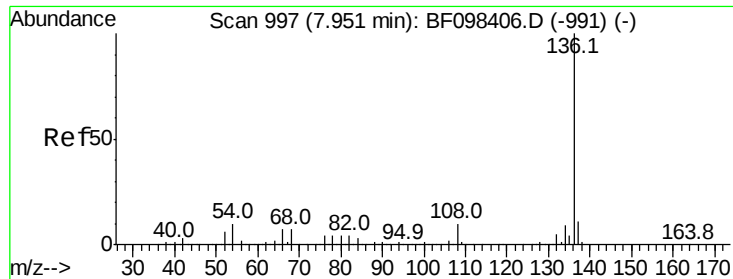
Acq: 15 Sep 2017 2:36

Tgt Ion:	94	Resp:	27109
Ion Ratio	Lower	Upper	
94	100		
65	39.2	9.9	49.9
66	88.0	23.1	63.1#



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: 7.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF098552.D

Acq: 15 Sep 2017 2:36

Instrument :

BNA_F

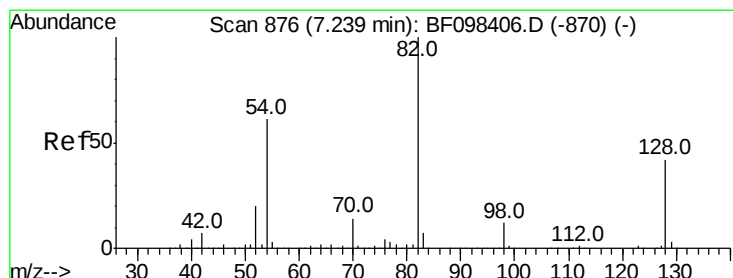
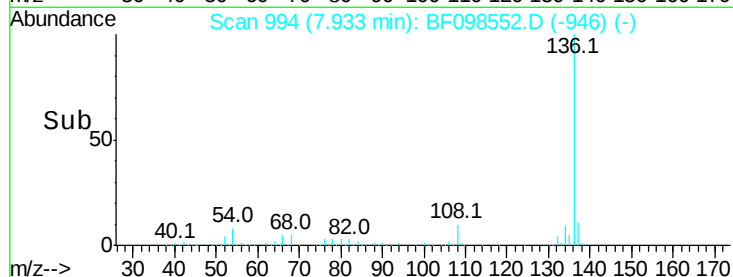
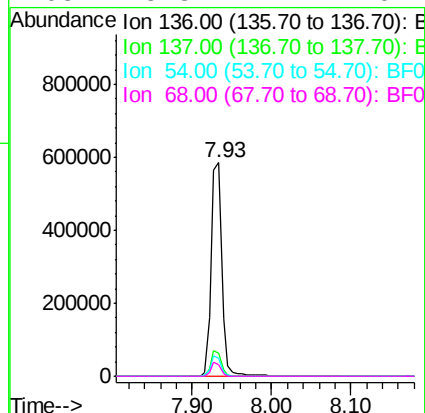
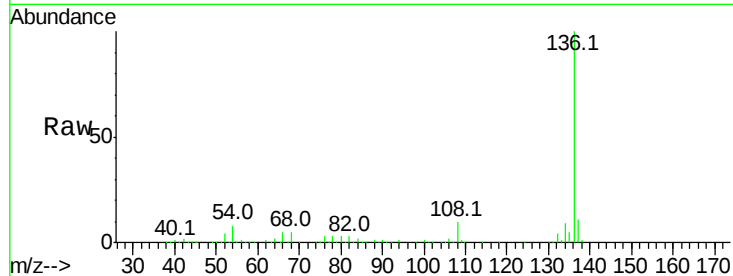
ClientSampleId :

SP-2

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.5	12.7
54	8.4	4.9	7.3#
68	5.3	4.1	6.1

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#23

Nitrobenzene-d5

Concen: 36.972 ng

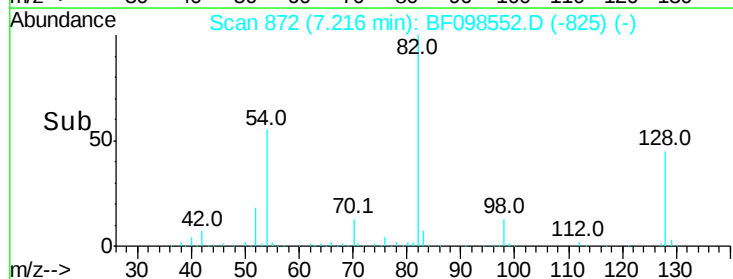
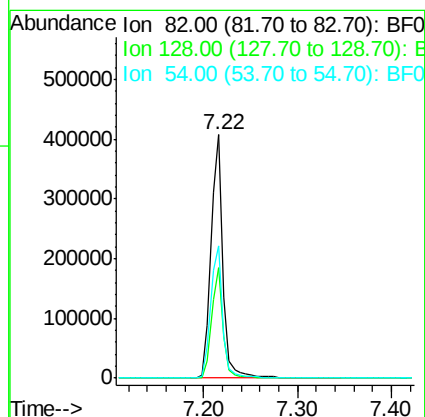
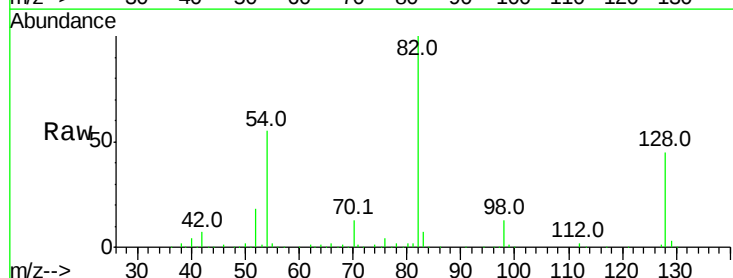
RT: 7.22 min Scan# 872

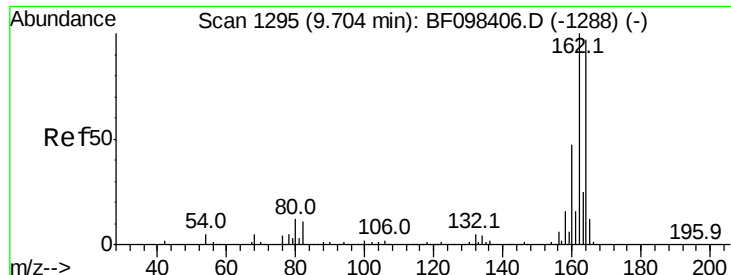
Delta R.T. -0.02 min

Lab File: BF098552.D

Acq: 15 Sep 2017 2:36

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	45.3	34.0	51.0
54	54.5	42.2	63.2





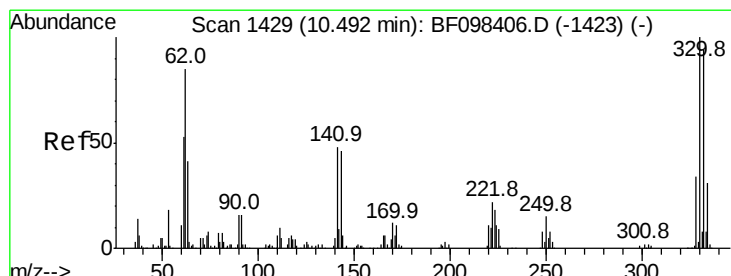
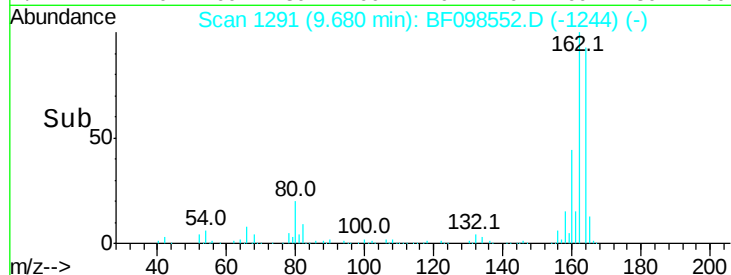
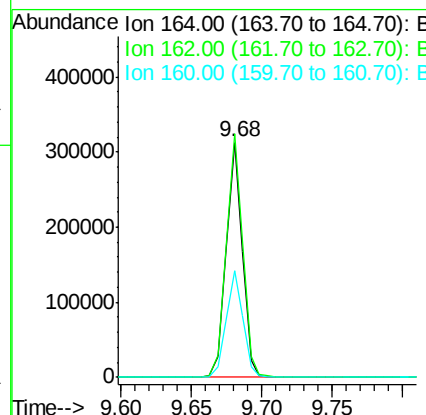
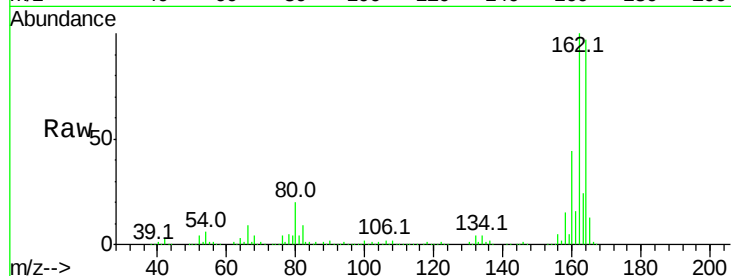
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF098552.D
 Acq: 15 Sep 2017 2:36

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Tot Ion	Ratio	Resp	Lower	Upper
164	100	248266		
162	103.6	82.6	123.8	
160	45.2	36.2	54.2	

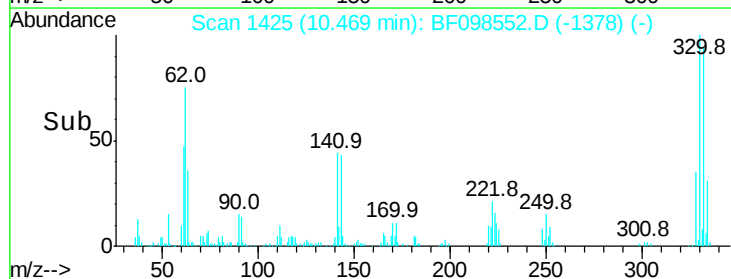
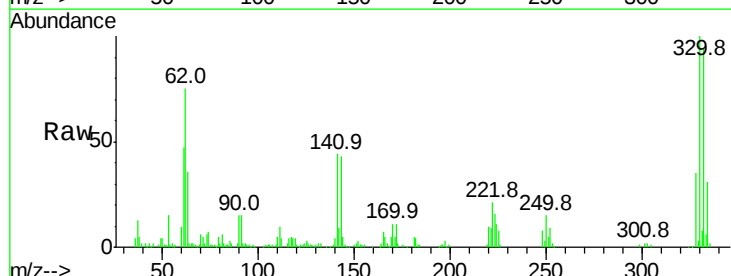
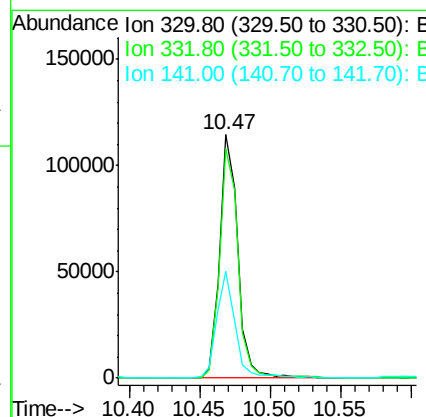
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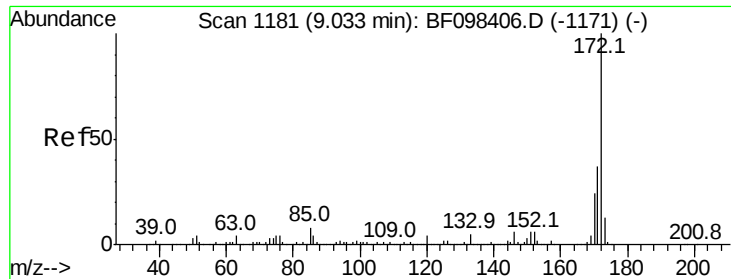
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#41
 2,4,6-Tribromophenol
 Concen: 62.241 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.02 min
 Lab File: BF098552.D
 Acq: 15 Sep 2017 2:36

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	103132		
332	95.4	76.6	115.0	
141	44.3	31.4	47.2	





#44

2-Fluorobiphenyl

Concen: 42.579 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.03 min

Lab File: BF098552.D

Acq: 15 Sep 2017 2:36

Instrument :

BNA_F

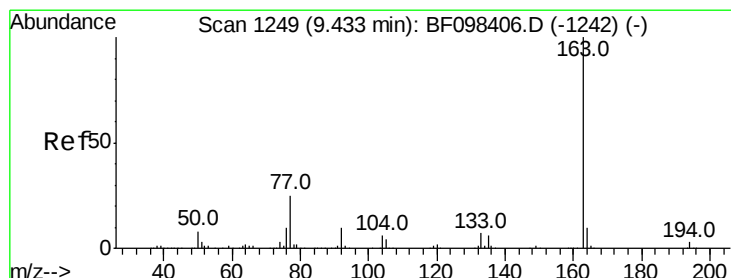
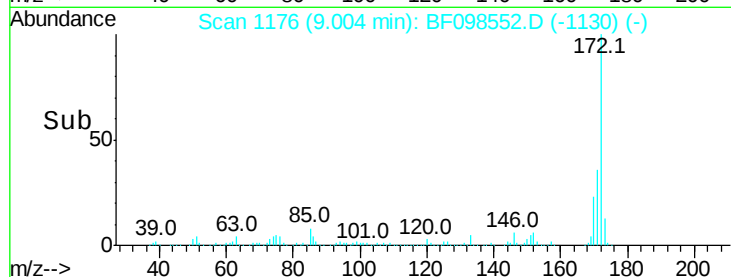
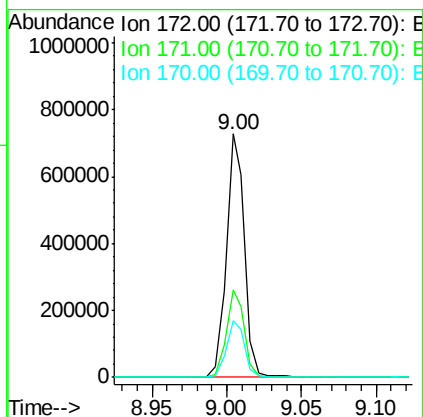
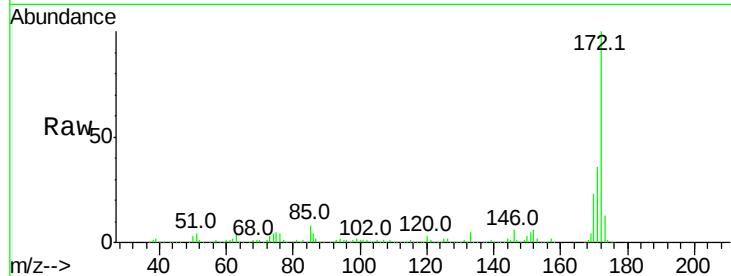
ClientSampled :

SP-2

Tot Ion:	172	Resp:	623684
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.6	44.4
170	23.4	19.8	29.8

Manual Integrations
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#49

Dimethylphthalate

Concen: 5.220 ng

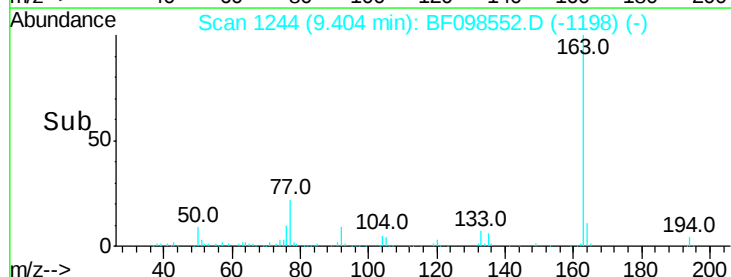
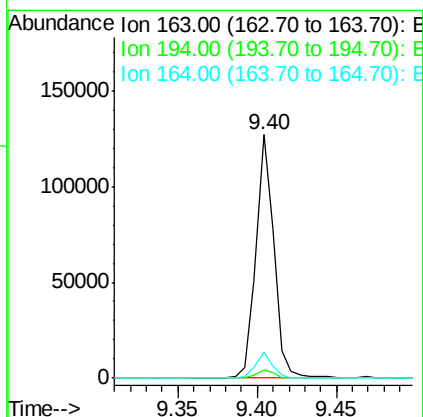
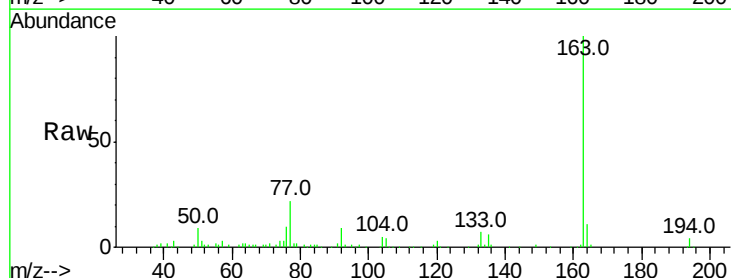
RT: 9.40 min Scan# 1244

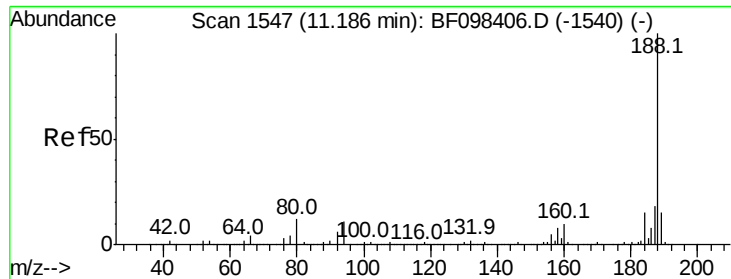
Delta R.T. -0.03 min

Lab File: BF098552.D

Acq: 15 Sep 2017 2:36

Tgt Ion:	163	Resp:	100318
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.6	4.0
164	10.5	8.4	12.6





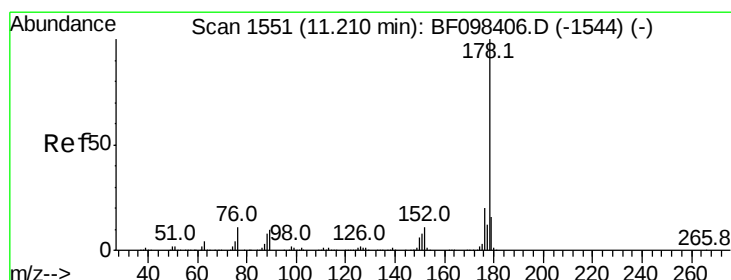
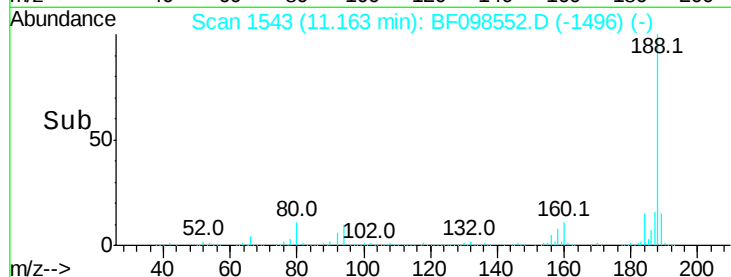
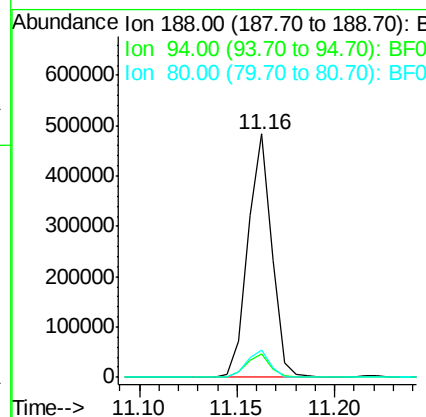
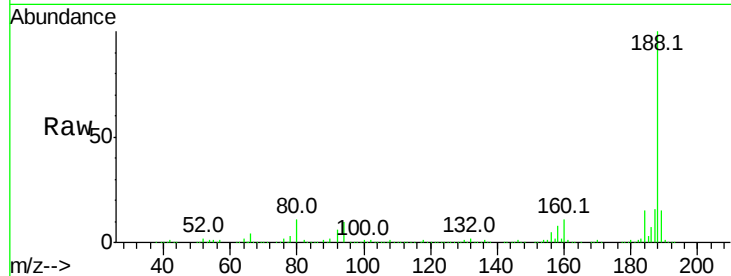
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF098552.D
Acq: 15 Sep 2017 2:36

Instrument :
BNA_F
ClientSampled :
SP-2

Tot Ion	Ratio	Resp	Lower	Upper
188	100	407480		
94	9.6		9.4	14.2
80	10.9		10.2	15.2

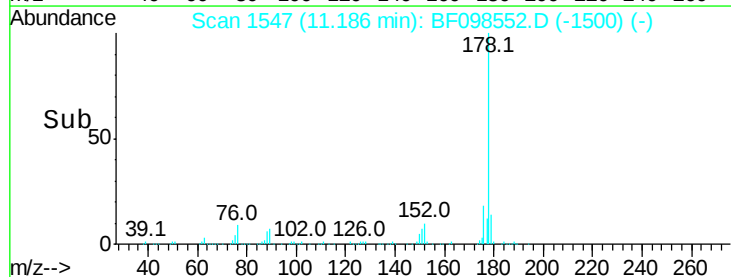
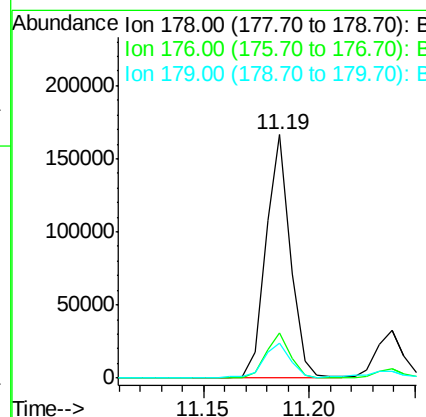
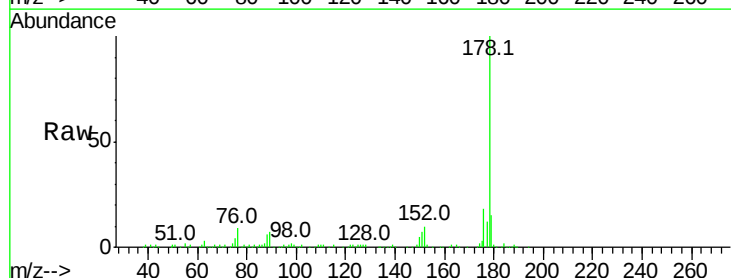
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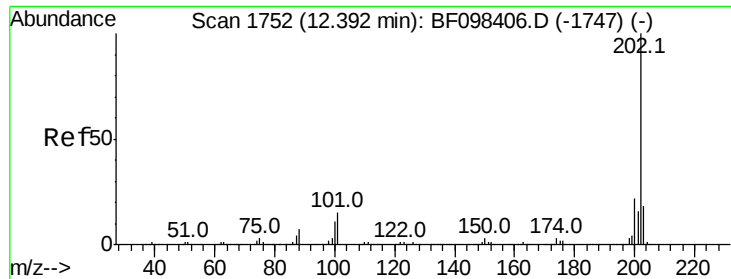
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#70
Phenanthrene
Concen: 6.219 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF098552.D
Acq: 15 Sep 2017 2:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	134348		
176	18.3		16.2	24.4
179	14.6		12.6	19.0





#74

Fluoranthene

Concen: 7.453 ng

RT: 12.37 min Scan# 1748

Delta R.T. -0.02 min

Lab File: BF098552.D

Acq: 15 Sep 2017 2:36

Instrument :

BNA_F

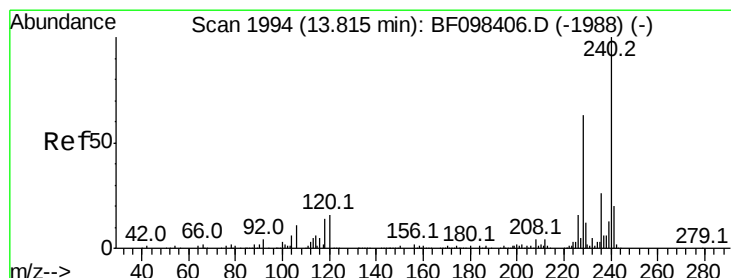
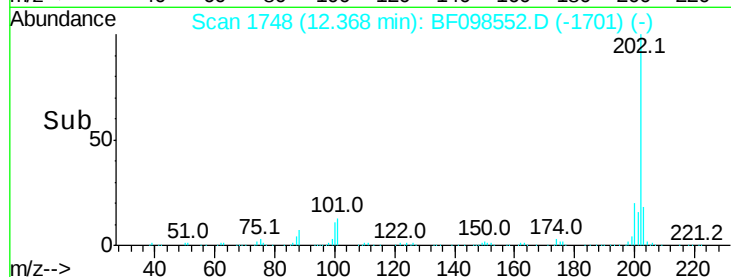
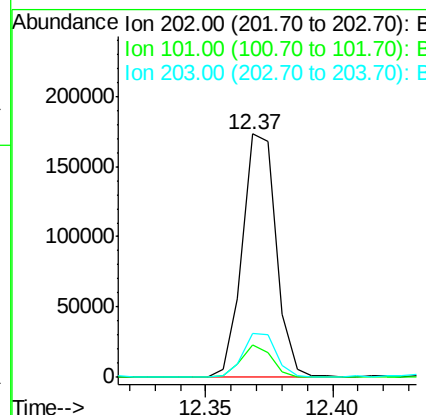
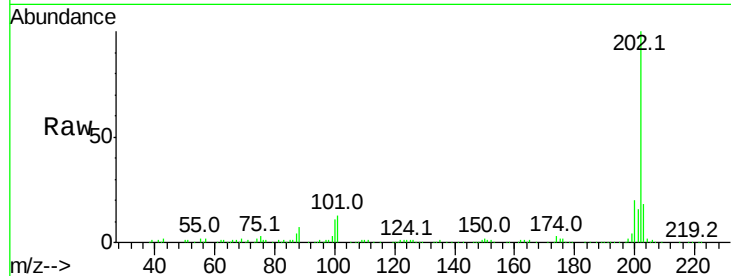
ClientSampleId :

SP-2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.3	0.0	33.2
203	18.3	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

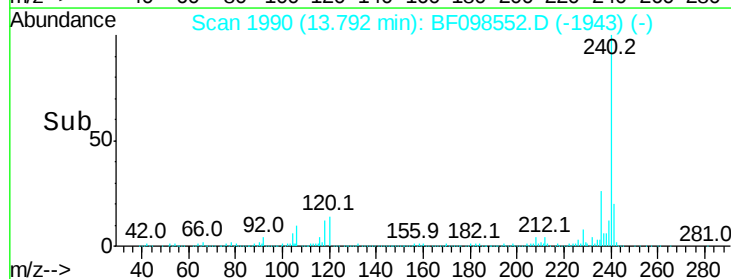
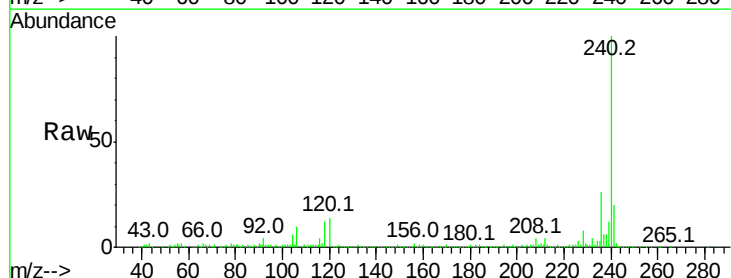
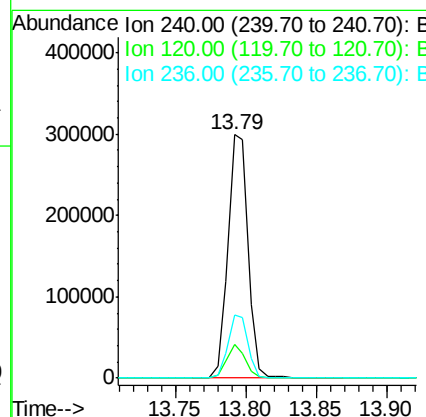
RT: 13.79 min Scan# 1990

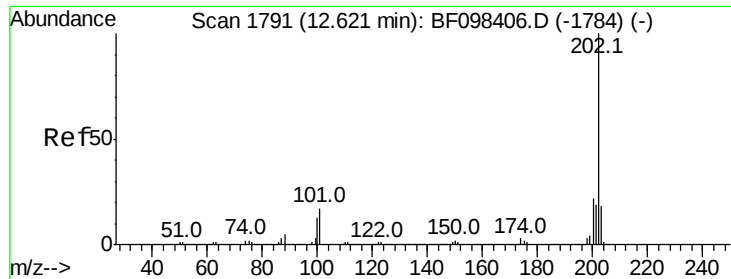
Delta R.T. -0.02 min

Lab File: BF098552.D

Acq: 15 Sep 2017 2:36

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	25.9	20.5	30.7





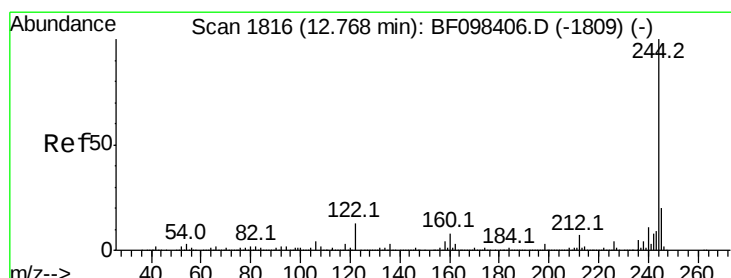
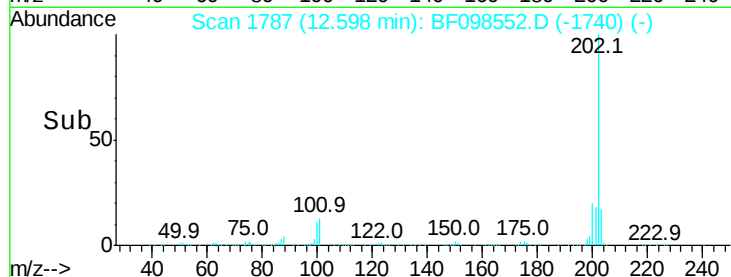
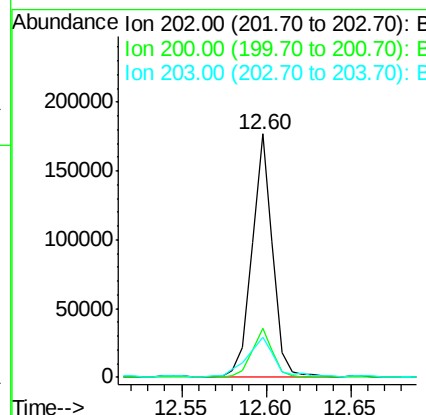
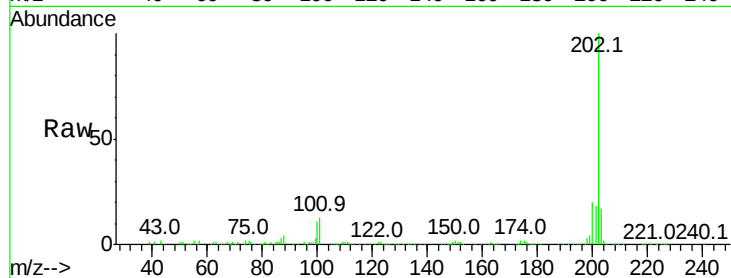
#77
Pvrene
Concen: 6.424 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.02 min
Lab File: BF098552.D
Acq: 15 Sep 2017 2:36

Instrument :
BNA_F
ClientSampleId :
SP-2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.1	17.6	26.4
203	16.7	14.4	21.6

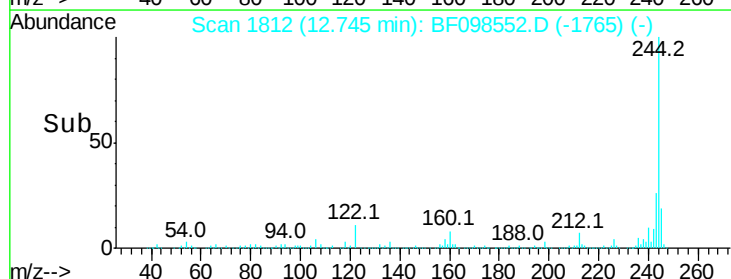
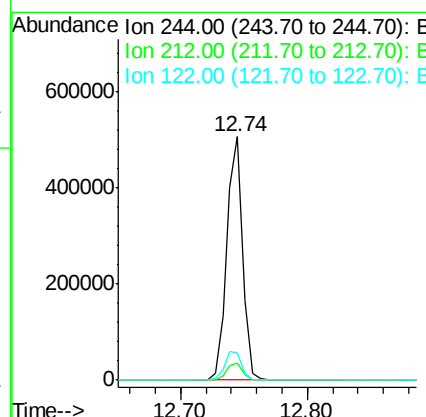
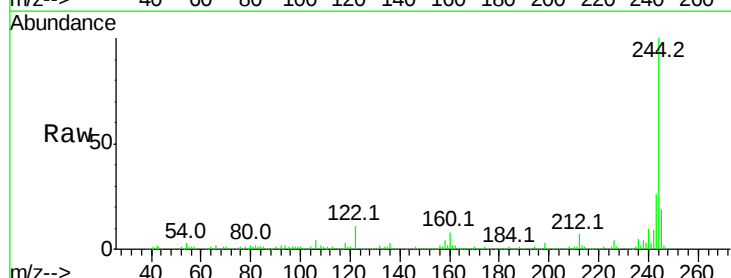
Manual Integrations
APPROVED

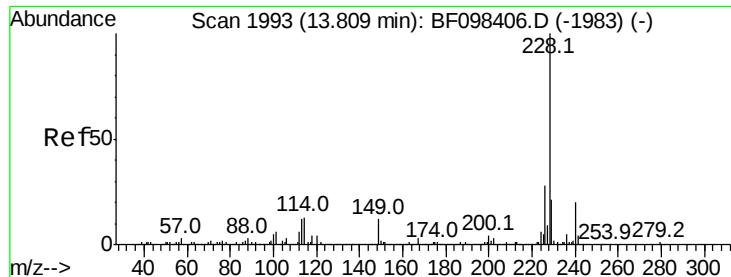
Sohil
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#78
Terphenyl-d14
Concen: 31.943 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BF098552.D
Acq: 15 Sep 2017 2:36

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.4	10.3	15.5





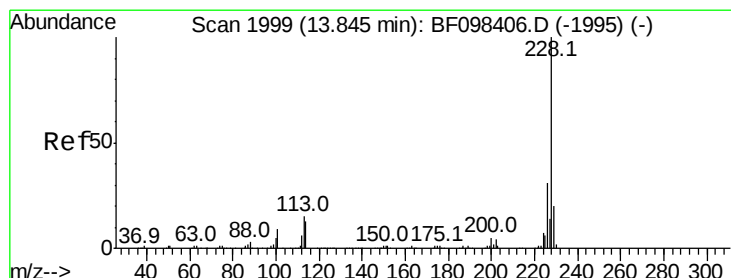
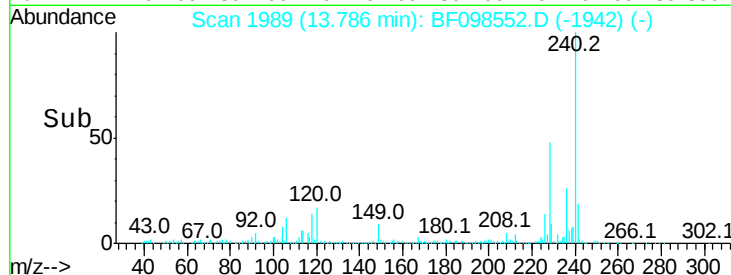
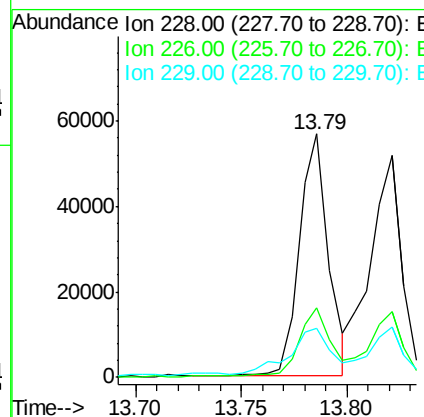
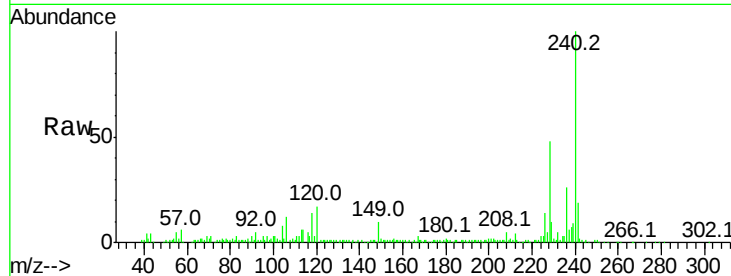
#80
Benzo(a)anthracene
Concen: 3.120 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BF098552.D
Acq: 15 Sep 2017 2:36

Instrument :
BNA_F
ClientSampled :
SP-2

Tot Ion	Ratio	Resp	Lower	Upper
228	100	54187		
226	28.5		22.6	33.8
229	20.1		16.3	24.5

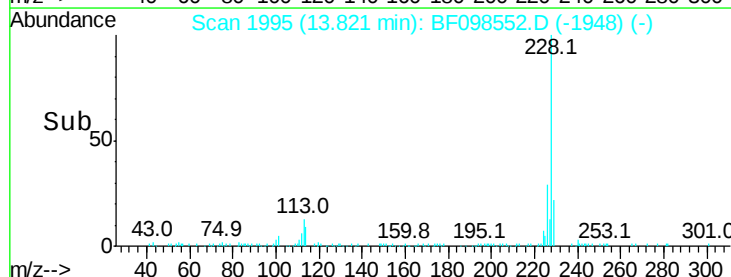
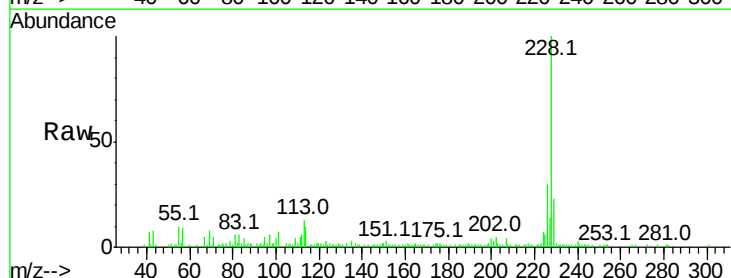
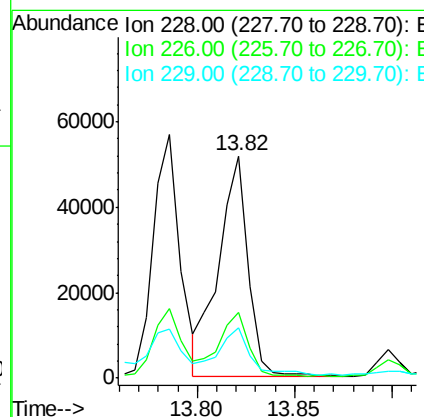
Manual Integrations
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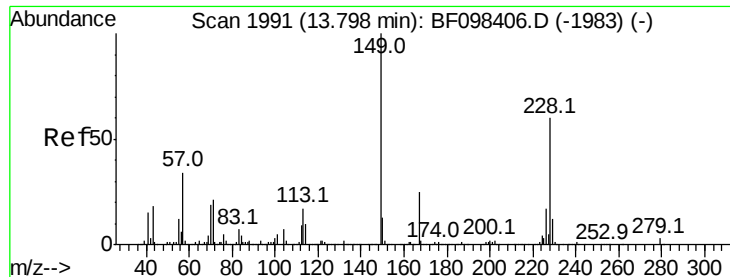
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#82
Chrysene
Concen: 3.105 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF098552.D
Acq: 15 Sep 2017 2:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	54509		
226	29.6		24.9	37.3
229	22.7		15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.102 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BF098552.D

Acq: 15 Sep 2017 2:36

Instrument :

BNA_F

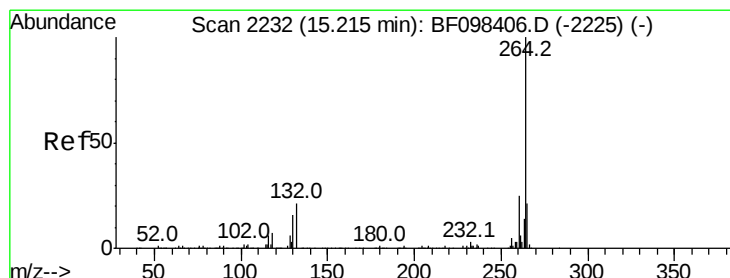
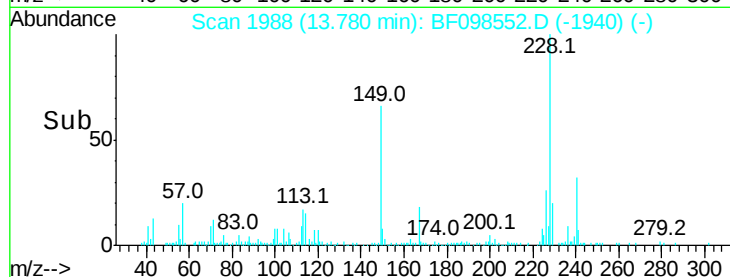
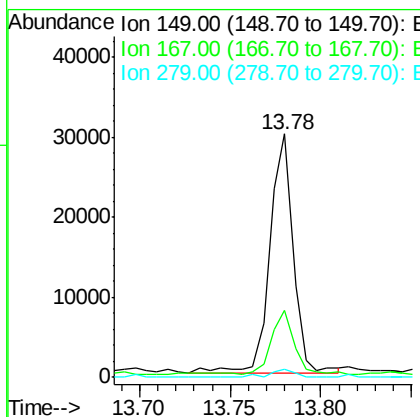
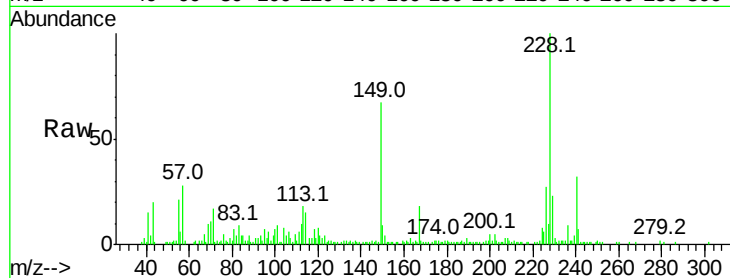
ClientSampled :

SP-2

Tot Ion:	149	Resp:	26743
Ion Ratio	Lower	Upper	
149	100		
167	27.3	21.0	31.4
279	3.5	1.9	2.9

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#86

Perylene-d12

Concen: 20.000 ng

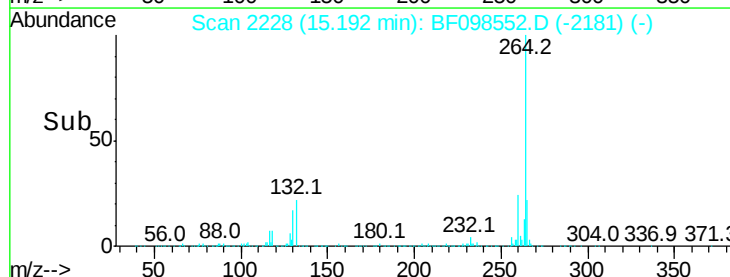
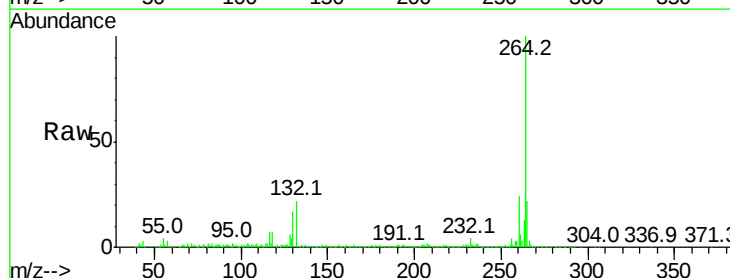
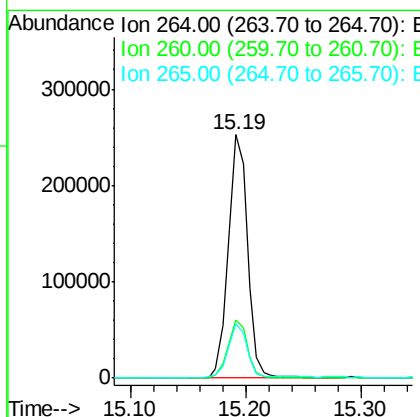
RT: 15.19 min Scan# 2228

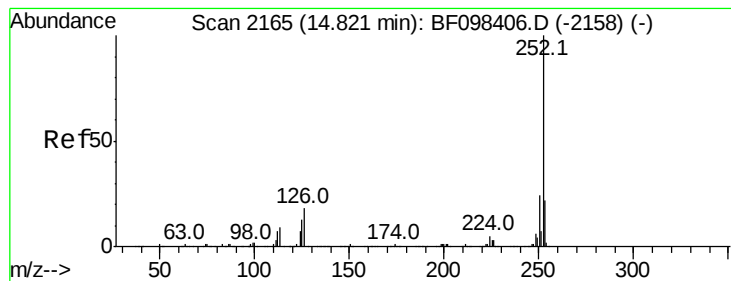
Delta R.T. -0.02 min

Lab File: BF098552.D

Acq: 15 Sep 2017 2:36

Tgt Ion:	264	Resp:	293366
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.5	29.3
265	22.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 3.414 ng

RT: 14.80 min Scan# 2162

Delta R.T. -0.02 min

Lab File: BF098552.D

Acq: 15 Sep 2017 2:36

Instrument :

BNA_F

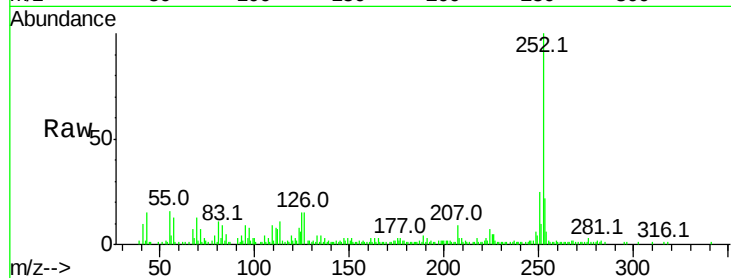
ClientSampleId :

SP-2

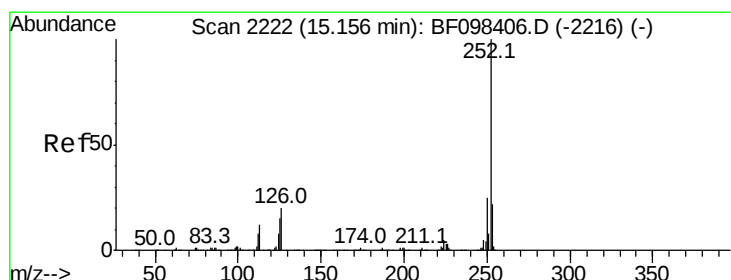
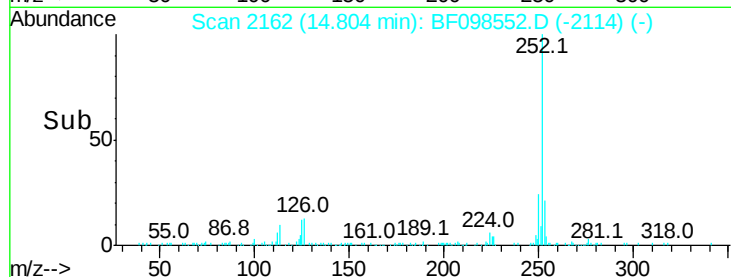
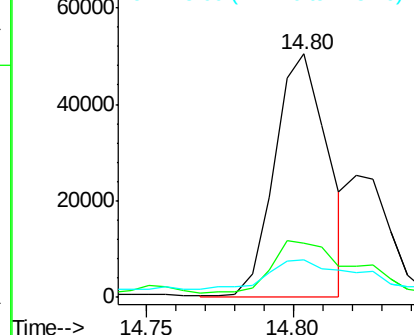
Tot Ion:	252	Resp:	62980
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.1	27.1
125	15.3	9.8	14.8#

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 2.660 ng

RT: 15.14 min Scan# 2219

Delta R.T. -0.02 min

Lab File: BF098552.D

Acq: 15 Sep 2017 2:36

Tgt Ion:	252	Resp:	43716
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.5	26.3
125	14.2	11.0	16.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

