

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097544.D
 Acq On : 10 Aug 2017 4:30
 Operator : SJ/JU
 Sample : I4646-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-BASE

Manual Integrations
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Sohil
 8/10/2017 6:08:02 PM

Quant Time: Aug 10 08:00:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	100122	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	449202	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	181969	20.00	ng	-0.02
63) Phenanthrene-d10	10.89	188	272414	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	192544	20.00	ng	-0.02
86) Perylene-d12	14.86	264	180935	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	529507	79.73	ng	-0.02
7) Phenol-d6	6.07	99	654779	86.36	ng	-0.02
23) Nitrobenzene-d5	6.97	82	408071	53.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.21	330	106151	73.83	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	673179	62.78	ng	-0.02
78) Terphenyl-d14	12.47	244	405389	42.93	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.16	163	133708	9.676	ng	Qvalue 100
70) Phenanthrene	10.92	178	157620	10.799	ng	97
71) Anthracene	10.97	178	30323m	2.028	ng	
74) Fluoranthene	12.10	202	167957	11.746	ng	98
77) Pyrene	12.32	202	140443	8.910	ng	99
80) Benzo(a)anthracene	13.51	228	57827	4.642	ng	98
82) Chrysene	13.54	228	50788	4.175	ng	98
85) Indeno(1,2,3-cd)pyrene	16.05	276	23769	2.279	ng	98
87) Benzo(b)fluoranthene	14.52	252	60478m	5.560	ng	
88) Benzo(k)fluoranthene	14.53	252	23939m	2.310	ng	
89) Benzo(a)pyrene	14.81	252	45008	4.521	ng	# 95
91) Benzo(a,h,i)perylene	16.40	276	20267	2.368	ng	# 89

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

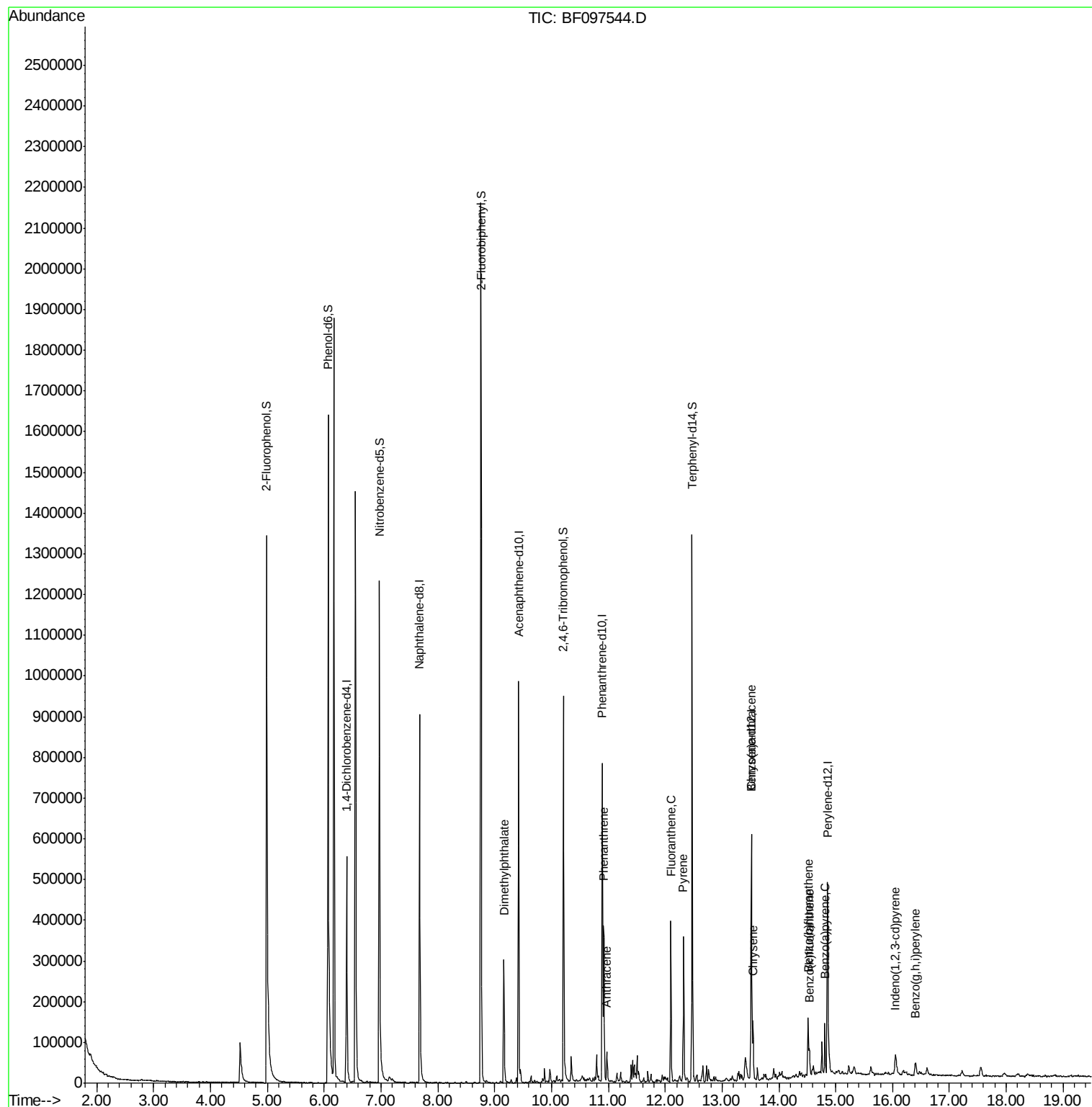
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
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Misc :
ALS Vial : 23 Sample Multiplier: 1

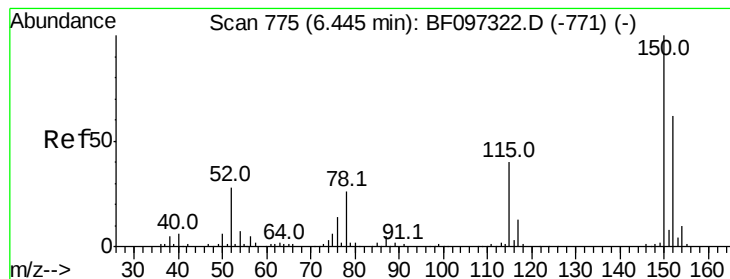
Instrument :
BNA_F
ClientSampleId :
E2-L10-BASE

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

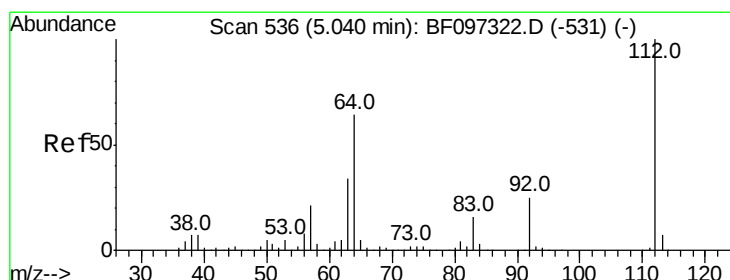
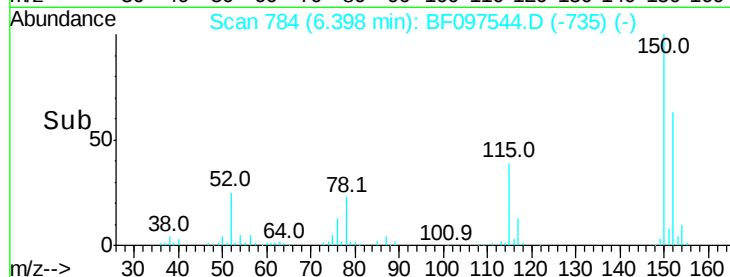
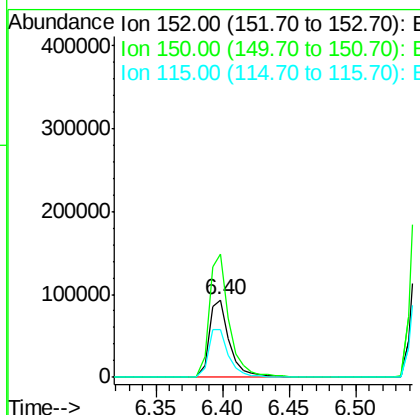
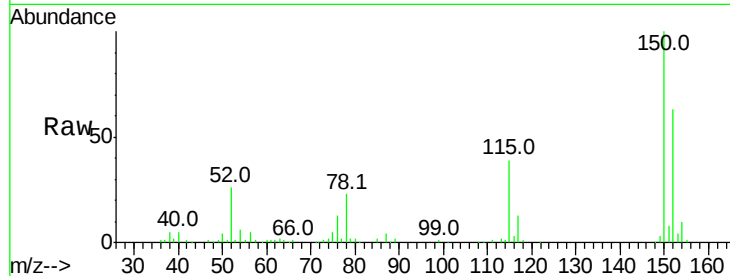
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
E2-L10-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.2	189.2
115	61.6	52.2	78.2

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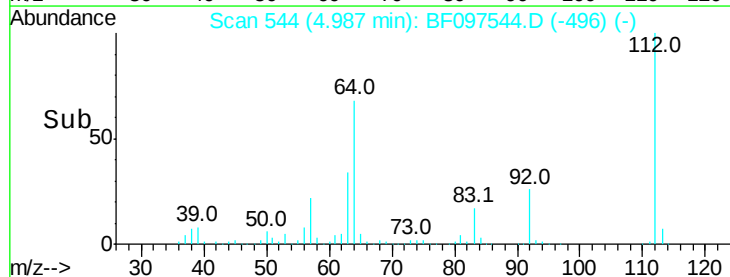
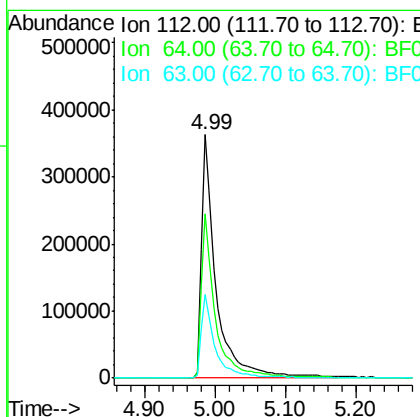
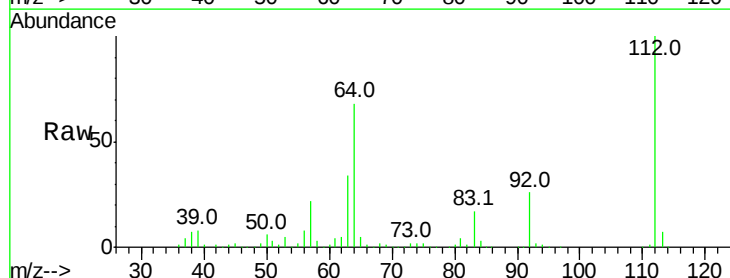
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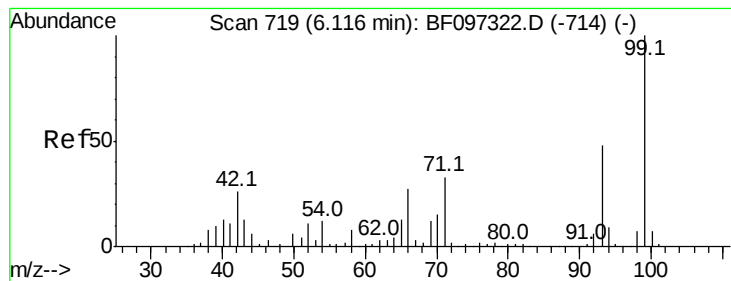


#5

2-Fluorophenol
Concen: 79.725 ng
RT: 4.99 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	46.0	69.0
63	34.2	23.4	35.0





#7

Phenol-d6

Concen: 86.357 ng

RT: 6.07 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF097544.D

Acq: 10 Aug 2017 4:30

Instrument :

BNA_F

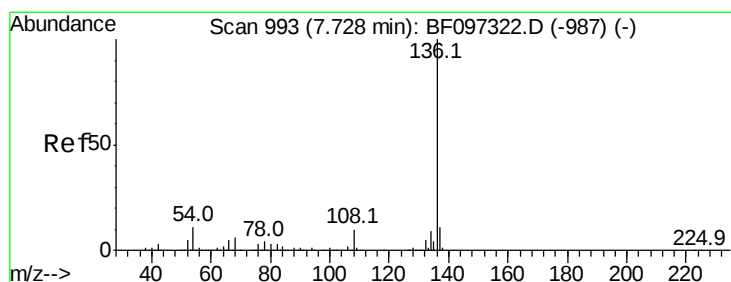
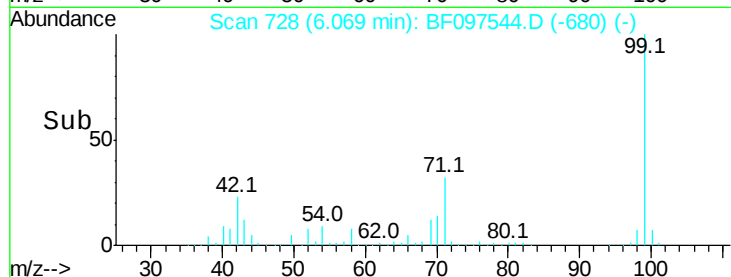
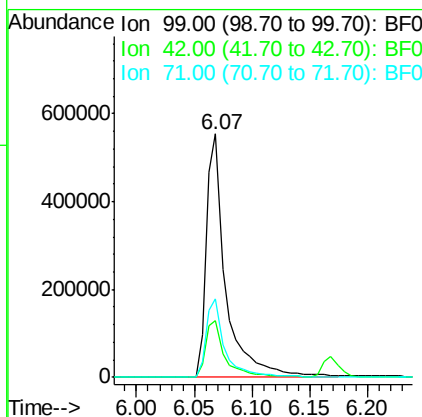
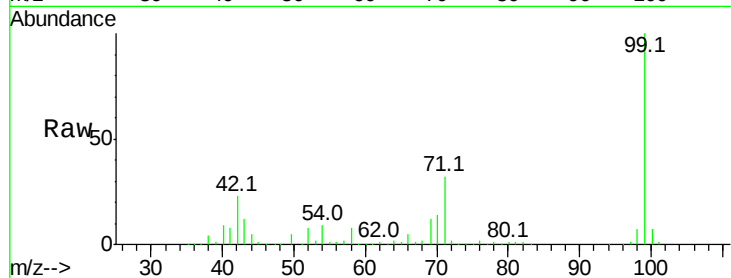
ClientSampleId :

E2-L10-BASE

Tot Ion:	99	Resp:	654779
Ion Ratio	Lower	Upper	
99	100		
42	23.2	13.5	20.3#
71	32.1	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

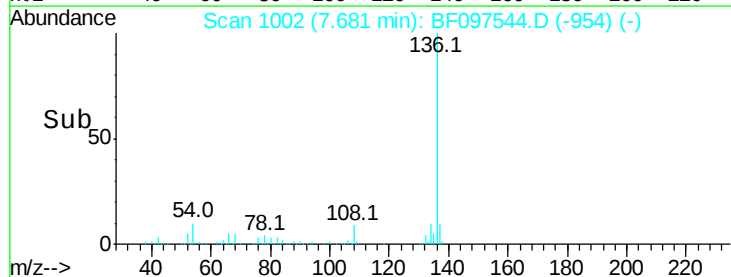
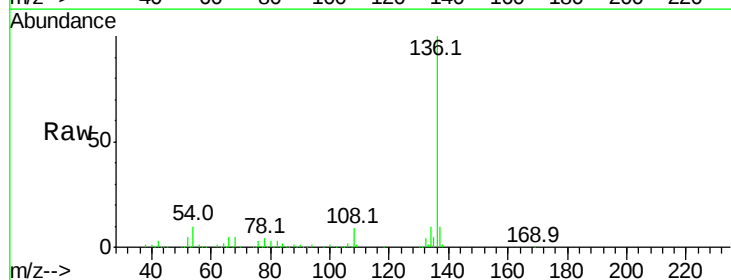
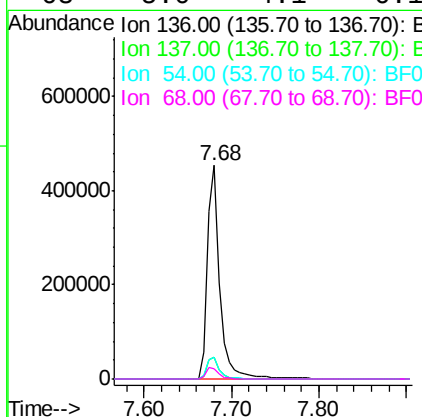
RT: 7.68 min Scan# 1002

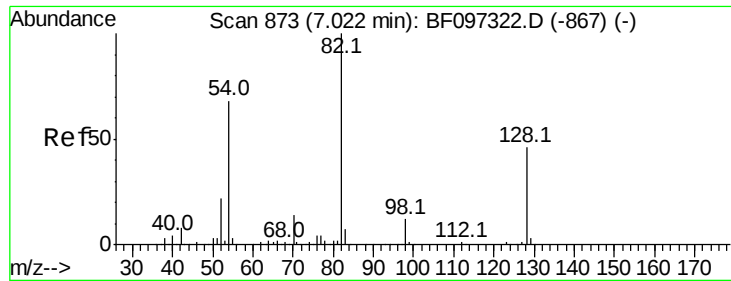
Delta R.T. -0.02 min

Lab File: BF097544.D

Acq: 10 Aug 2017 4:30

Tgt Ion:	136	Resp:	449202
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.5	12.7
54	10.4	4.9	7.3#
68	5.0	4.1	6.1





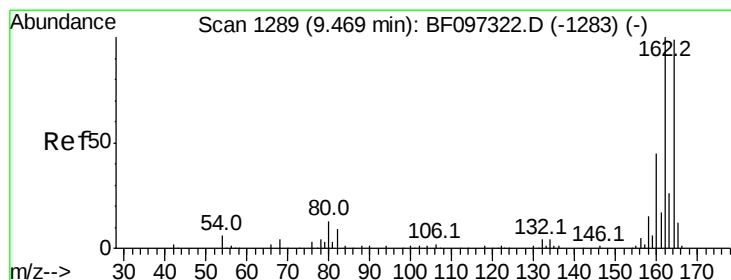
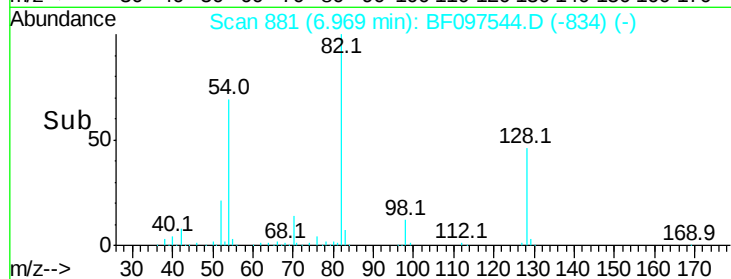
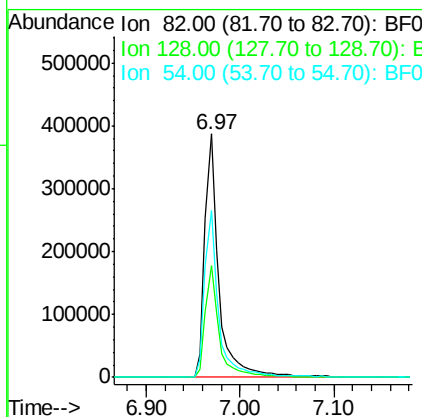
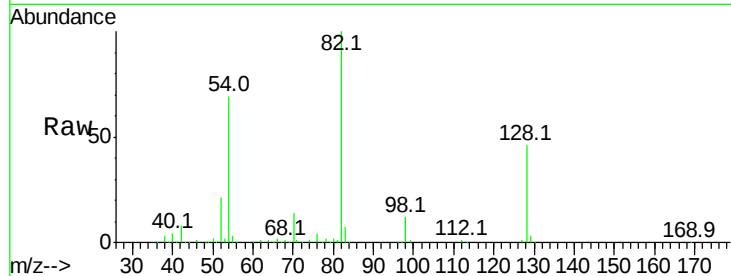
#23
 Nitrobenzene-d5
 Concen: 53.292 ng
 RT: 6.97 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF097544.D
 Acq: 10 Aug 2017 4:30

Instrument :
 BNA_F
 ClientSampled :
 E2-L10-BASE

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.0	51.0
54	68.5	42.2	63.2#

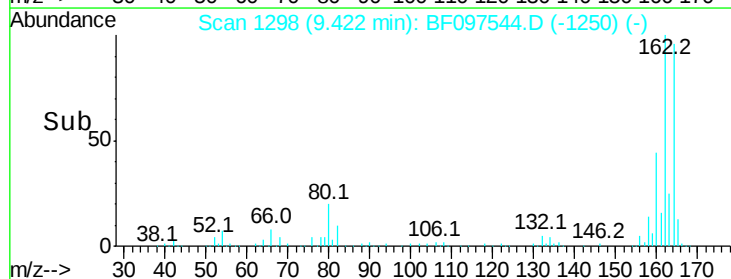
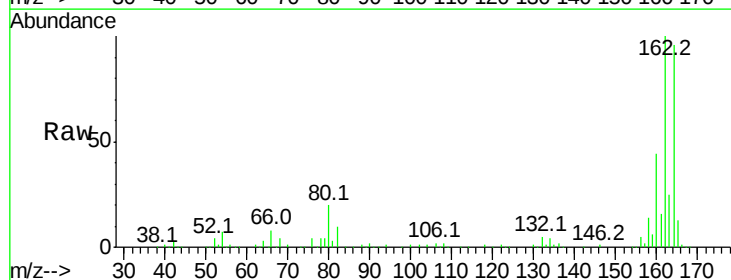
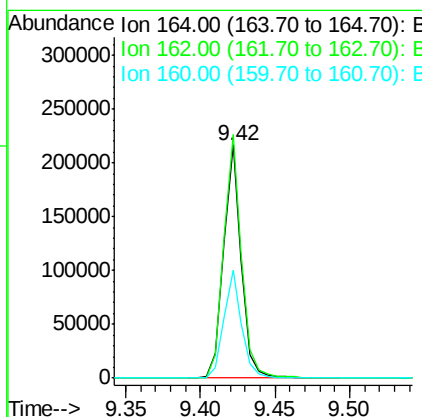
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.42 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF097544.D
 Acq: 10 Aug 2017 4:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.6	123.8
160	46.2	36.2	54.2





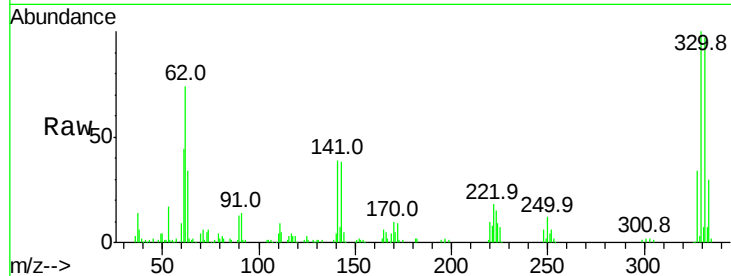
#41
 2,4,6-Tribromophenol
 Concen: 73.832 ng
 RT: 10.21 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF097544.D
 Acq: 10 Aug 2017 4:30

Instrument :
 BNA_F
 ClientSampled :
 E2-L10-BASE

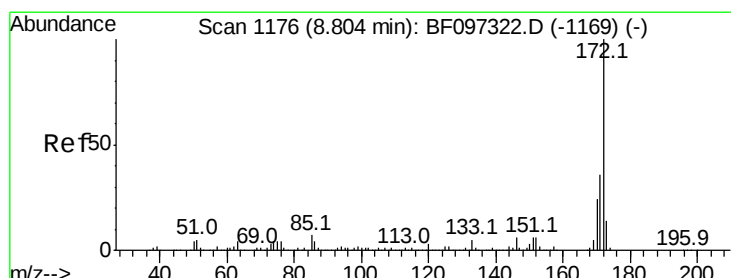
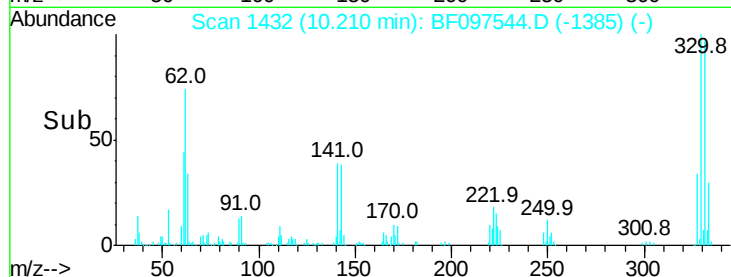
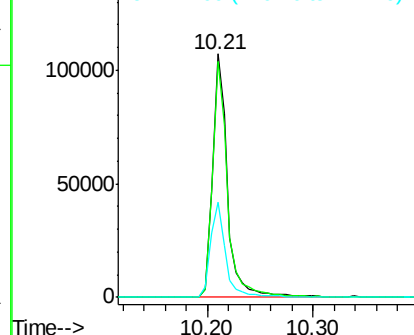
Tot Ion	Ratio	Resp	Lower	Upper
330	100	106151		
332	97.8	76.6	115.0	
141	39.2	31.4	47.2	

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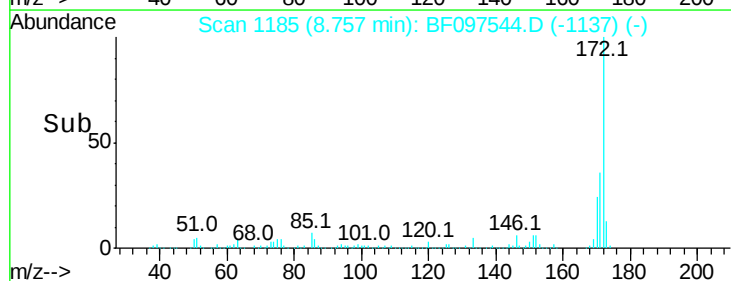
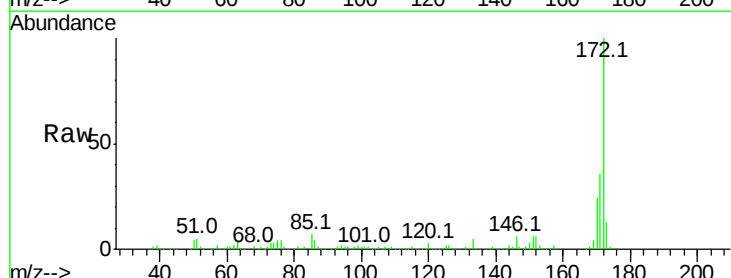
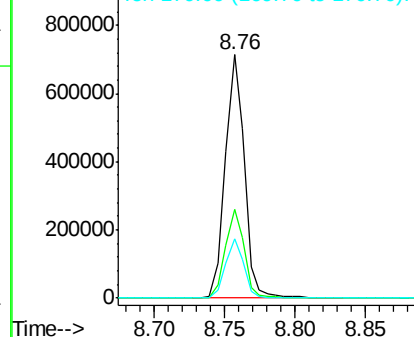
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

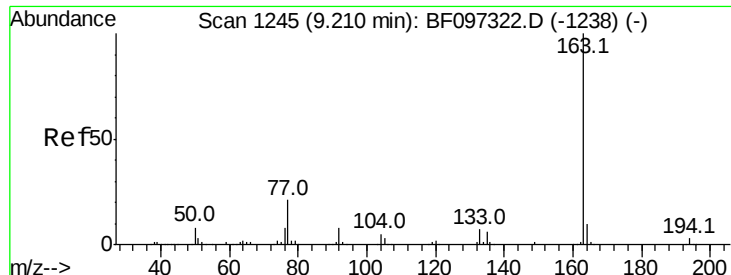


#44
 2-Fluorobiphenyl
 Concen: 62.783 ng
 RT: 8.76 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF097544.D
 Acq: 10 Aug 2017 4:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	673179		
171	36.5	29.6	44.4	
170	24.2	19.8	29.8	

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





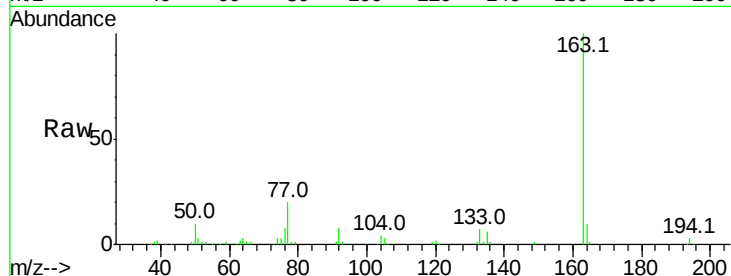
#49
Dimethylphthalate
Concen: 9.676 ng
RT: 9.16 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
E2-L10-BASE

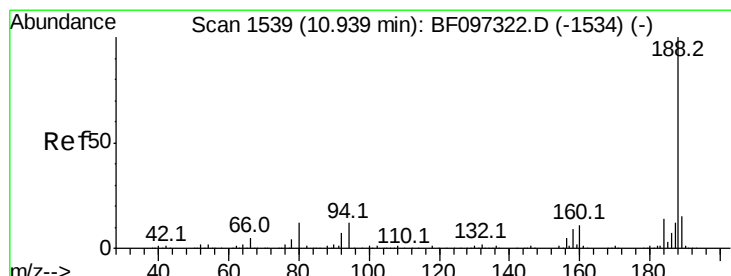
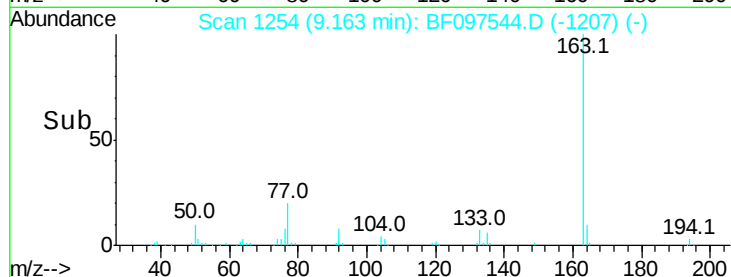
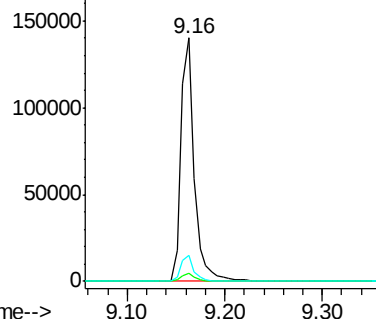
Tot Ion	Ratio	Resp	Lower	Upper
163	100	133708		
194	3.2	2.6	4.0	
164	10.5	8.4	12.6	

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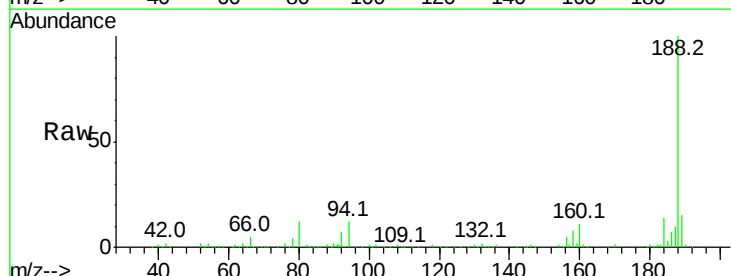


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

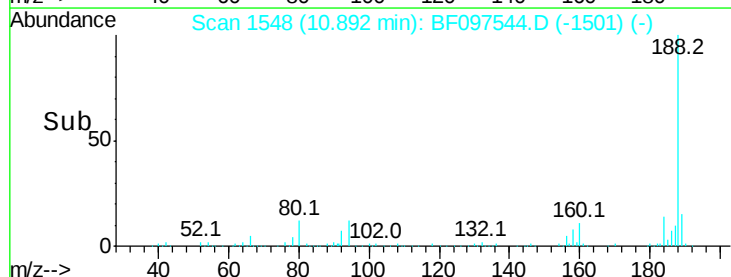
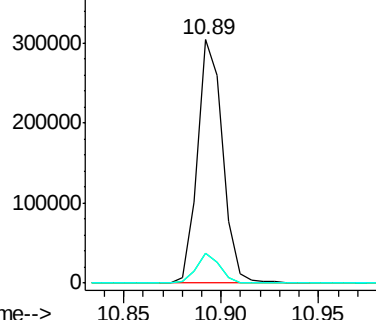


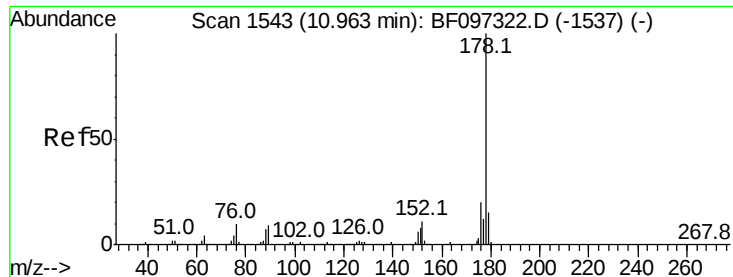
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.89 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	272414		
94	12.4	9.4	14.2	
80	12.3	10.2	15.2	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 10.799 ng

RT: 10.92 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BF097544.D

Acq: 10 Aug 2017 4:30

Instrument :

BNA_F

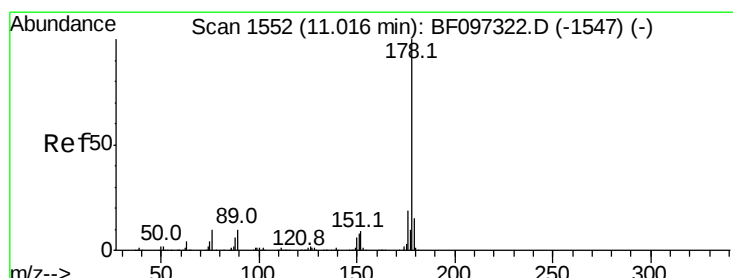
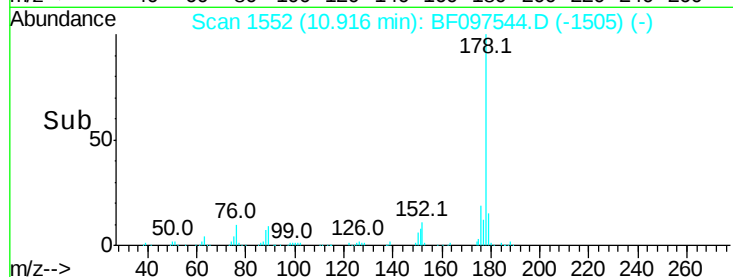
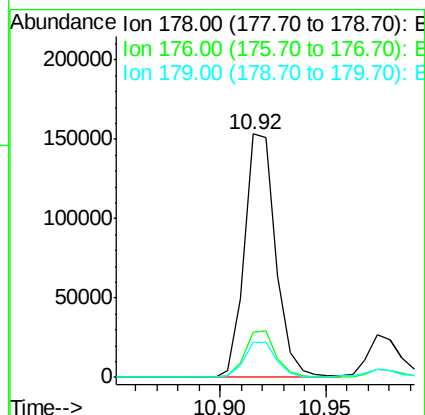
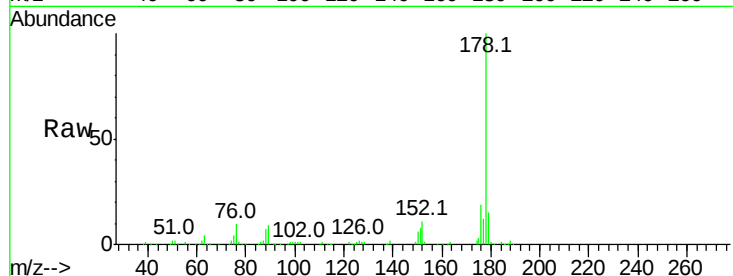
ClientSampleId :

E2-L10-BASE

Tot Ion:178	Resp:	157620
Ion Ratio	Lower	Upper
178	100	
176	18.8	16.2 24.4
179	14.5	12.6 19.0

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#71

Anthracene

Concen: 2.028 ng m

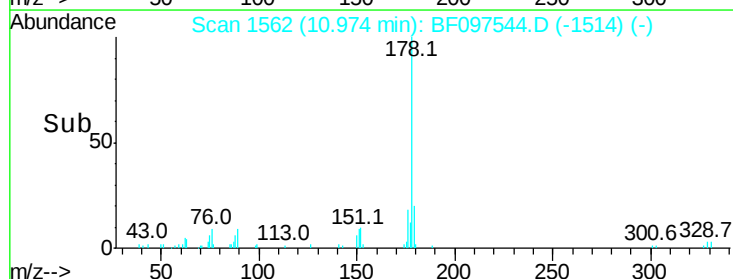
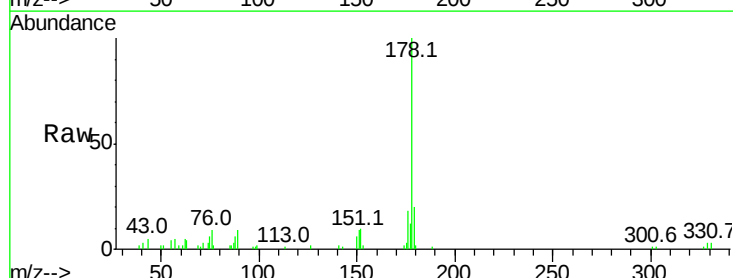
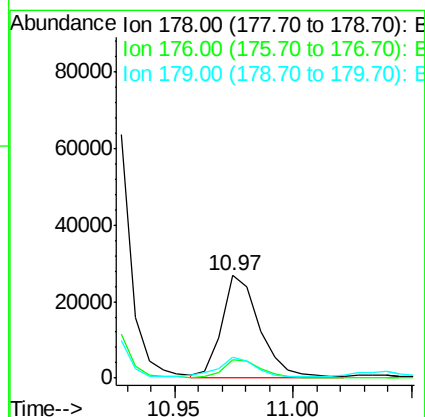
RT: 10.97 min Scan# 1562

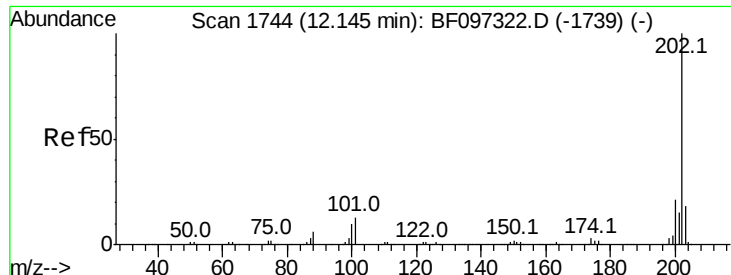
Delta R.T. -0.02 min

Lab File: BF097544.D

Acq: 10 Aug 2017 4:30

Tgt Ion:178	Resp:	30323
Ion Ratio	Lower	Upper
178	100	
176	17.7	15.8 23.8
179	20.5	12.7 19.1#





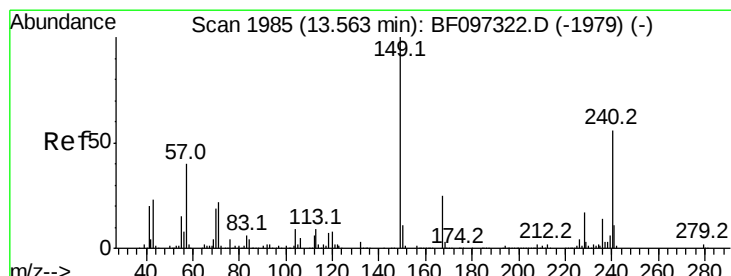
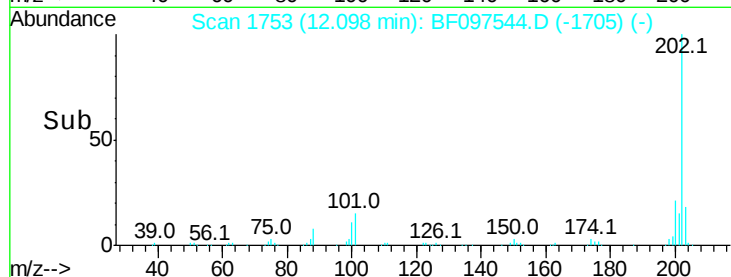
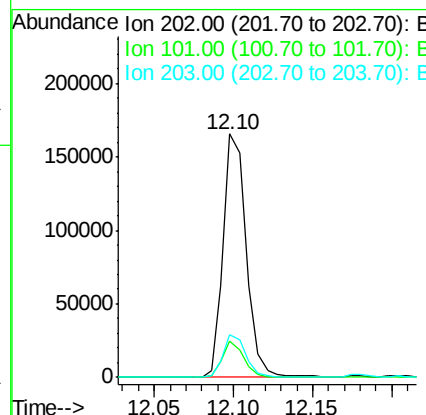
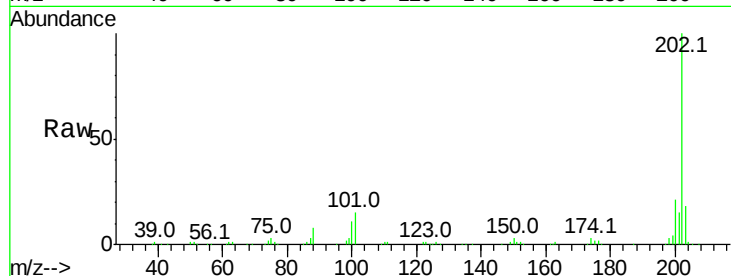
#74
Fluoranthene
 Concen: 11.746 ng
 RT: 12.10 min Scan# 1753
 Delta R.T. -0.02 min
 Lab File: BF097544.D
 Acq: 10 Aug 2017 4:30

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-BASE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.7	0.0	33.2
203	17.6	0.0	38.1

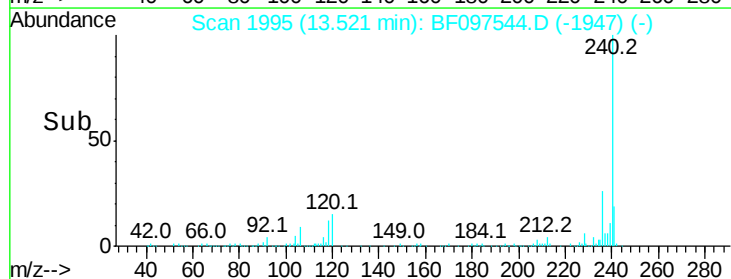
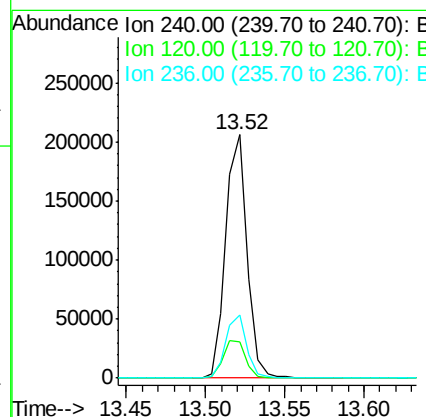
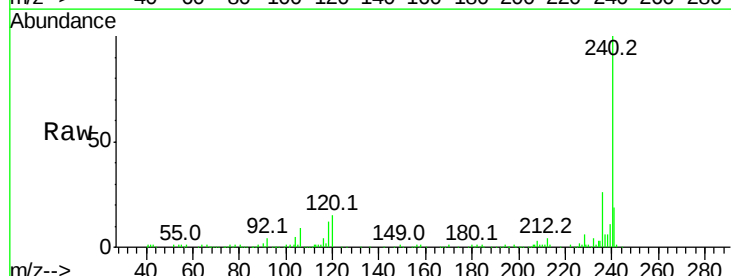
Manual Integrations
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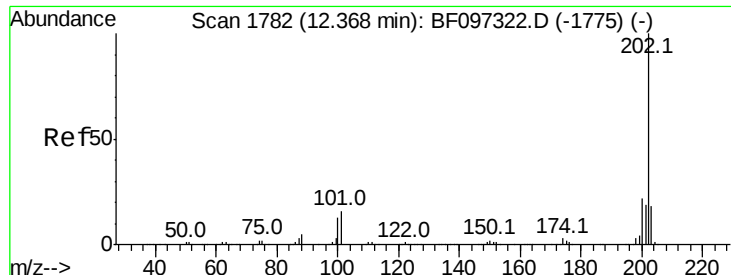
Sohil
 8/10/2017 6:08:02 PM



#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.52 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF097544.D
 Acq: 10 Aug 2017 4:30

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	26.2	20.5	30.7





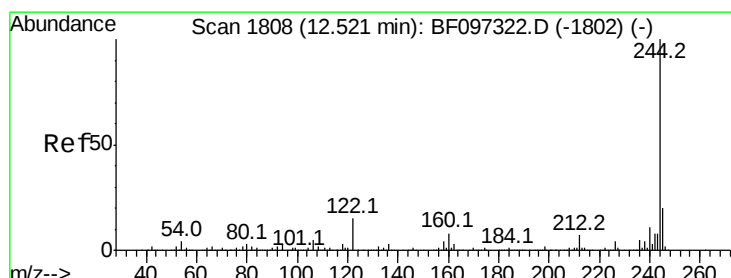
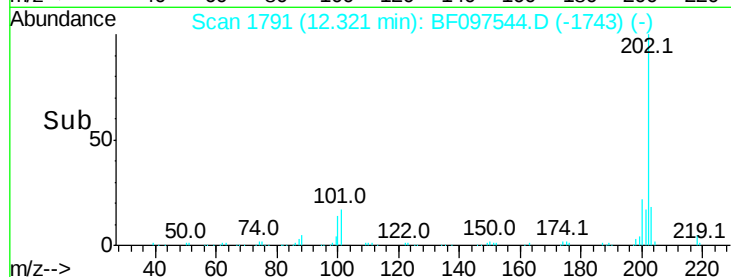
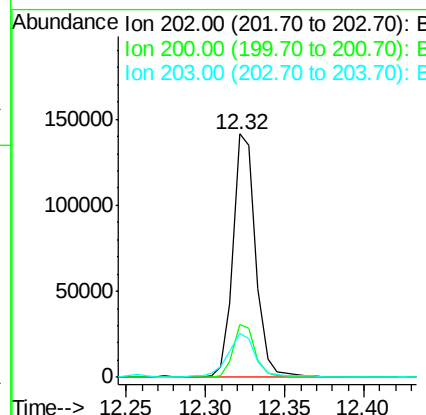
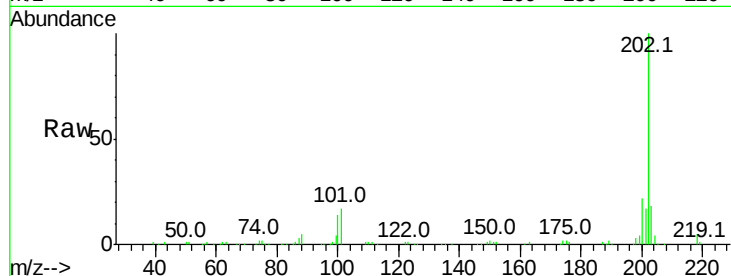
#77
Pvrene
Concen: 8.910 ng
RT: 12.32 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
E2-L10-BASE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	17.6	26.4
203	18.1	14.4	21.6

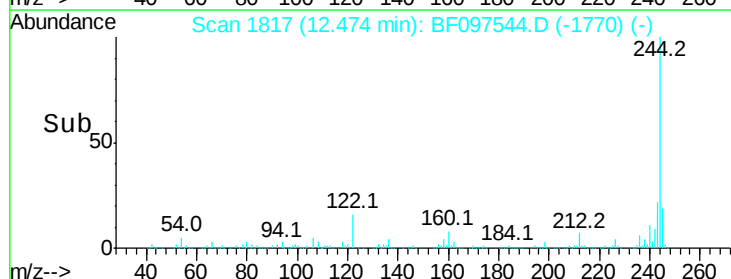
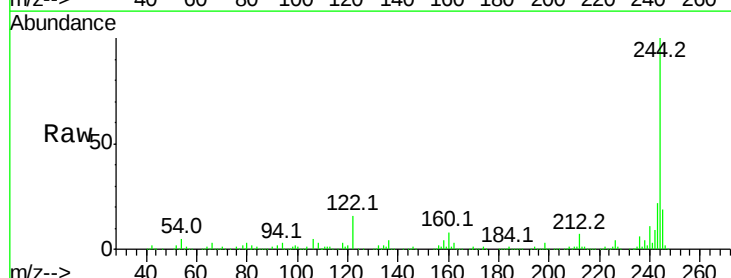
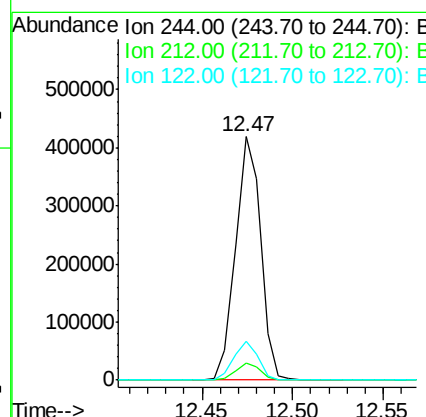
Manual Integrations
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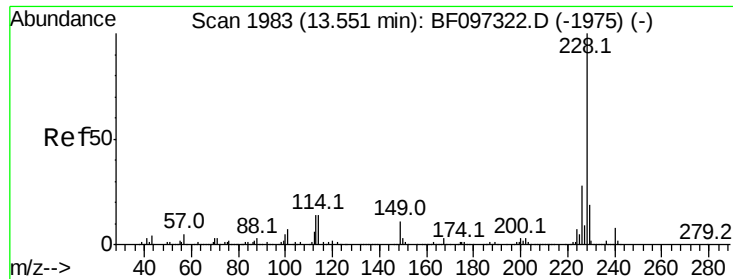
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#78
Terphenyl-d14
Concen: 42.927 ng
RT: 12.47 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	6.0	9.0
122	16.0	10.3	15.5





#80

Benzo(a)anthracene

Concen: 4.642 ng

RT: 13.51 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF097544.D

Acq: 10 Aug 2017 4:30

Instrument :

BNA_F

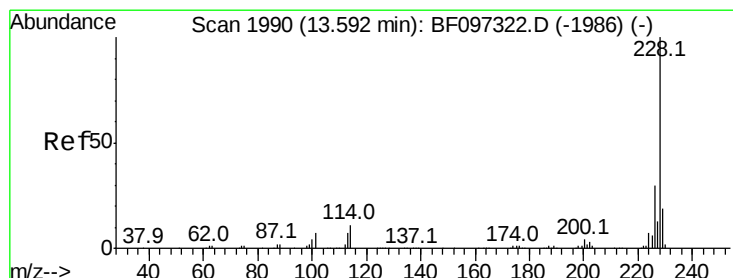
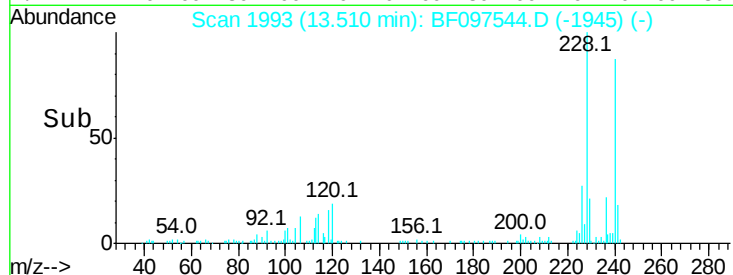
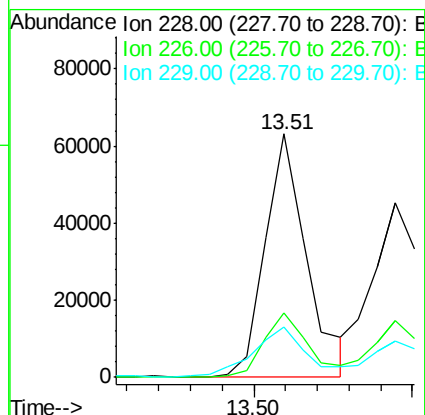
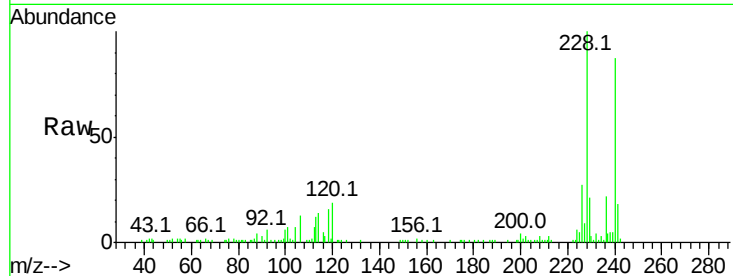
ClientSampleId :

E2-L10-BASE

Tot Ion:228	Resp:	57827
Ion Ratio	Lower	Upper
228 100		
226 26.6	22.6	33.8
229 20.8	16.3	24.5

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#82

Chrysene

Concen: 4.175 ng

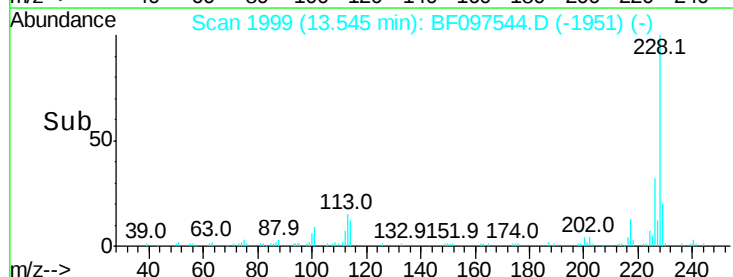
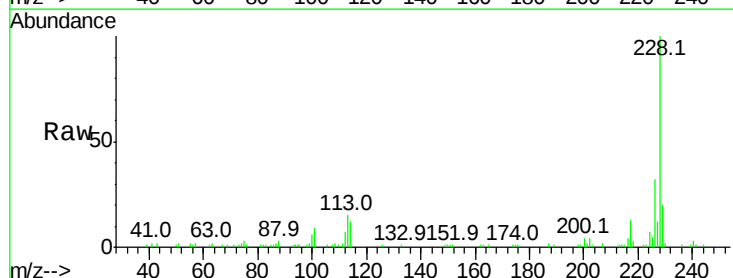
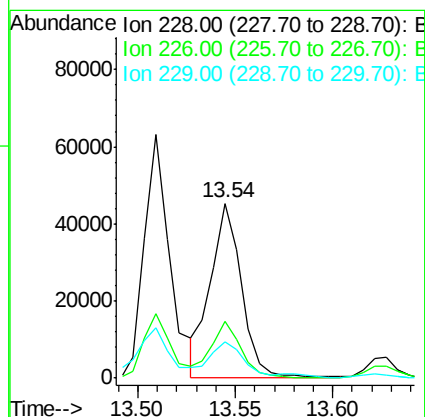
RT: 13.54 min Scan# 1999

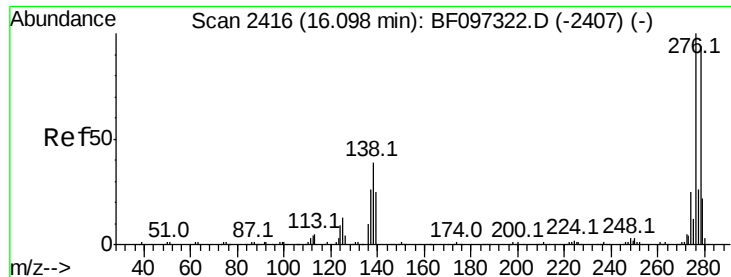
Delta R.T. -0.02 min

Lab File: BF097544.D

Acq: 10 Aug 2017 4:30

Tgt Ion:228	Resp:	50788
Ion Ratio	Lower	Upper
228 100		
226 32.3	24.9	37.3
229 20.4	15.8	23.6





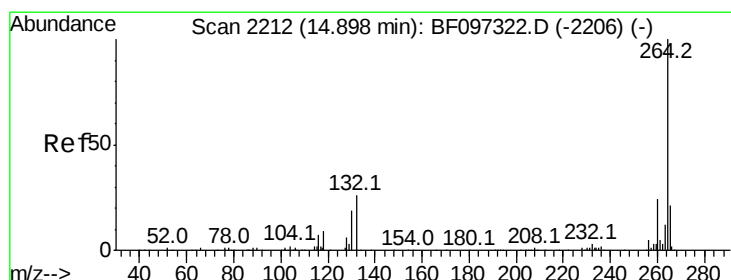
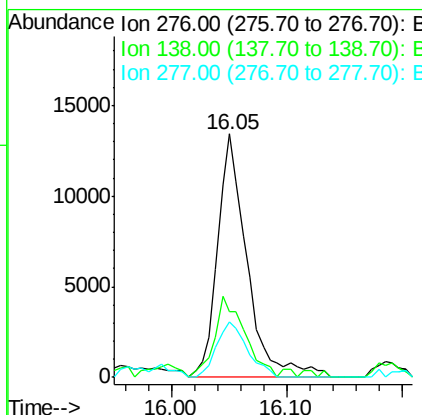
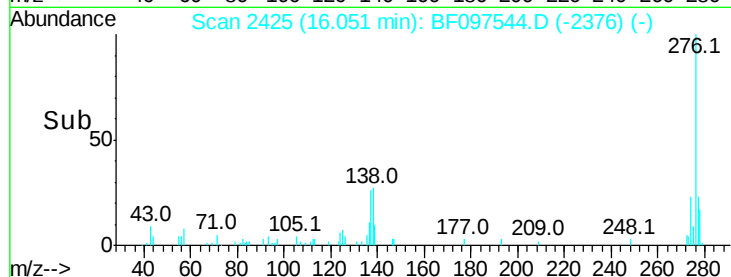
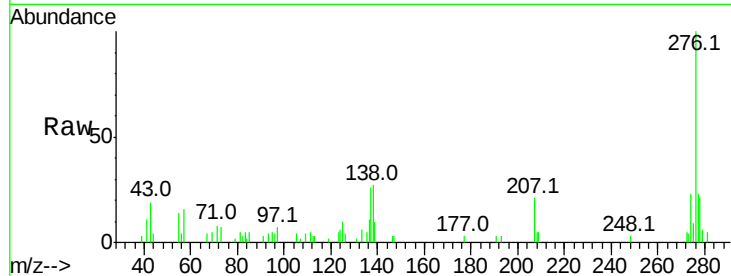
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.279 ng
 RT: 16.05 min Scan# 2425
 Delta R.T. -0.01 min
 Lab File: BF097544.D
 Acq: 10 Aug 2017 4:30

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-BASE

Tot Ion	Ratio	Resp	Lower	Upper
276	100	23769		
138	34.0		27.8	41.6
277	23.6		20.2	30.4

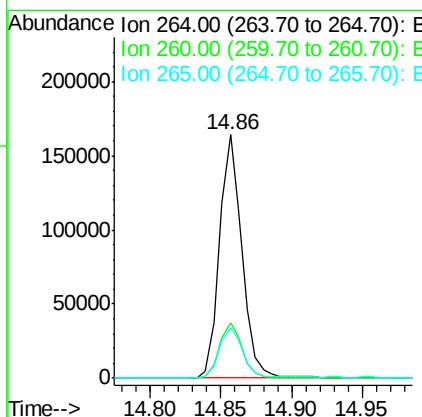
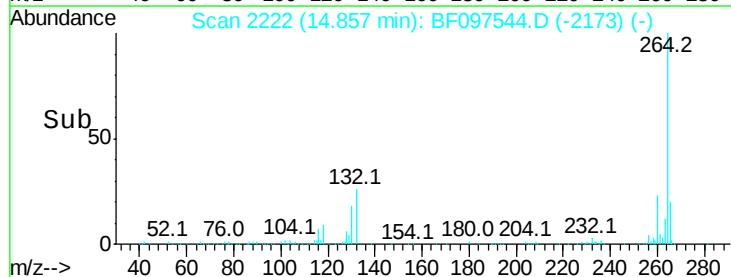
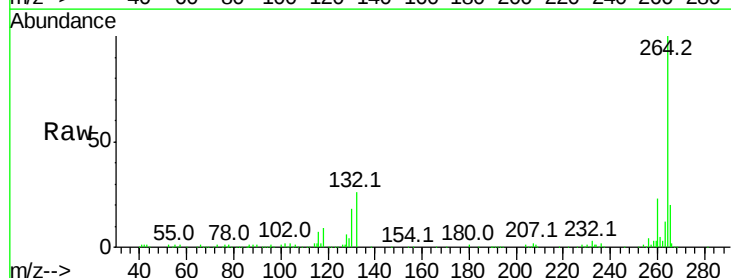
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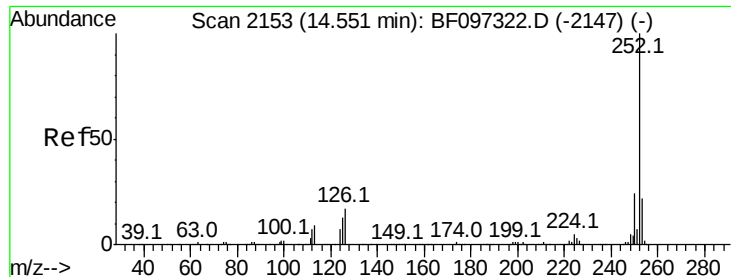
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.86 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BF097544.D
 Acq: 10 Aug 2017 4:30

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	180935		
260	22.7		19.5	29.3
265	20.5		17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 5.560 ng m

RT: 14.52 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BF097544.D

Acq: 10 Aug 2017 4:30

Instrument :

BNA_F

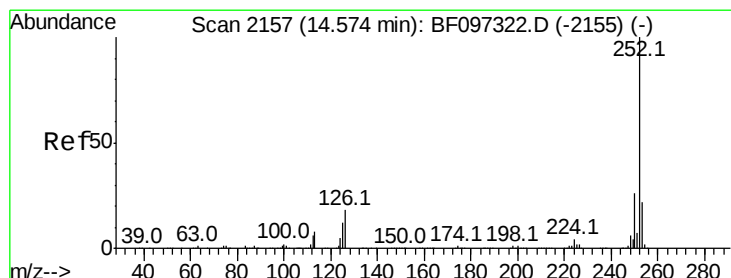
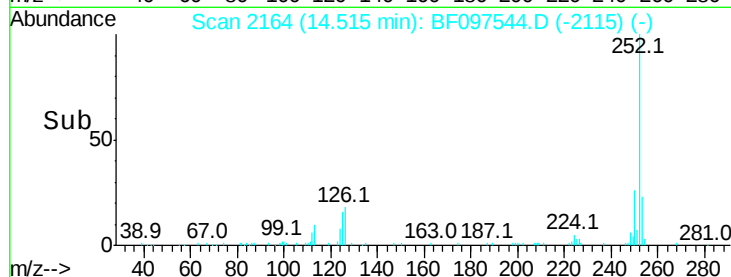
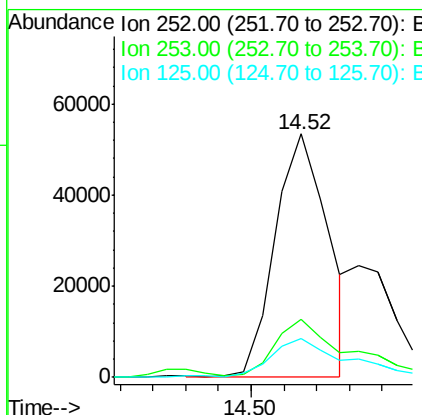
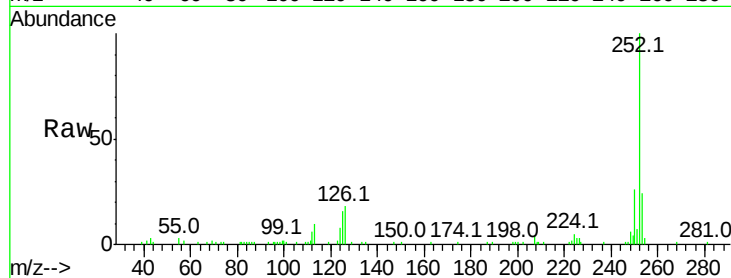
ClientSampleId :

E2-L10-BASE

Tot Ion:	252	Resp:	60478
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.1	27.1
125	16.0	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 2.310 ng m

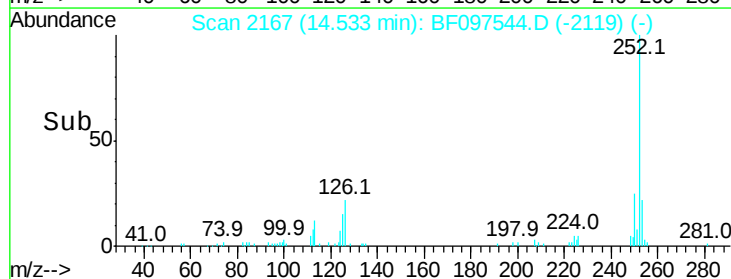
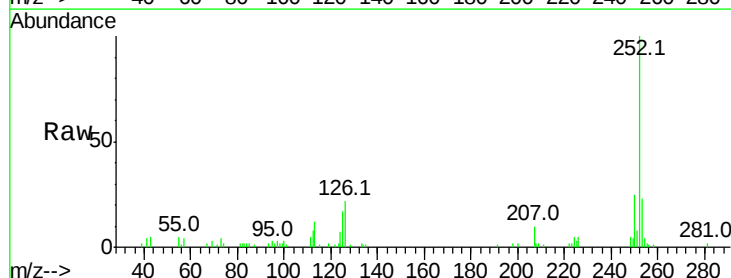
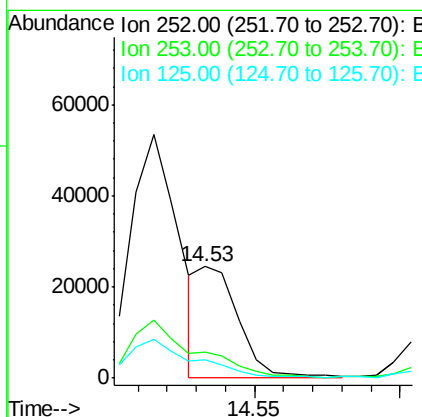
RT: 14.53 min Scan# 2167

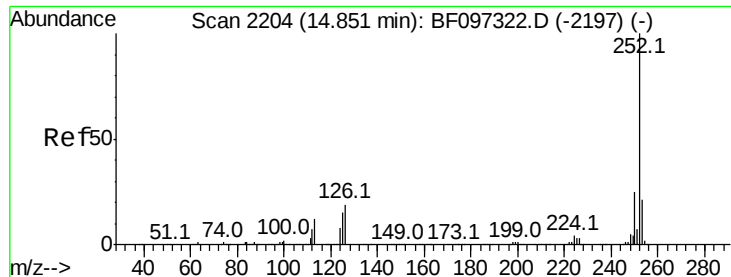
Delta R.T. -0.02 min

Lab File: BF097544.D

Acq: 10 Aug 2017 4:30

Tgt Ion:	252	Resp:	23939
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.4	27.6
125	16.7	13.1	19.7





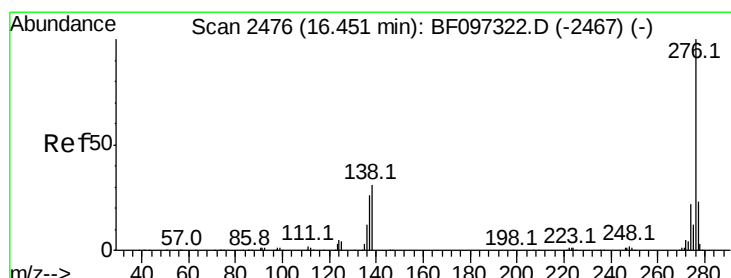
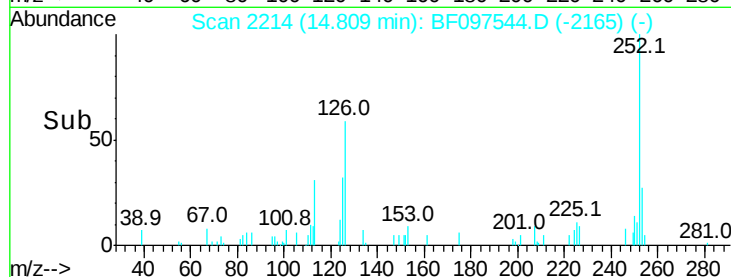
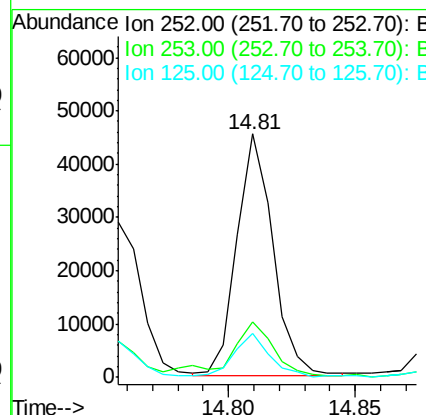
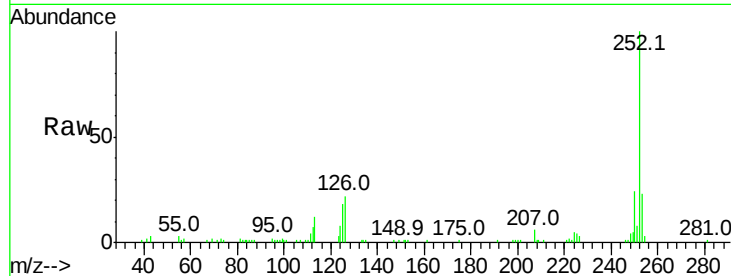
#89
Benzo(a)pyrene
Concen: 4.521 ng
RT: 14.81 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
E2-L10-BASE

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	17.8	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.368 ng
RT: 16.40 min Scan# 2485
Delta R.T. -0.01 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	42.1	25.4	38.0

