

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097534.D
 Acq On : 9 Aug 2017 23:52
 Operator : SJ/JU
 Sample : I4658-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-L9-BASE

Manual Integrations
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Sohil
 8/10/2017 6:07:50 PM

Quant Time: Aug 10 05:37:44 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	130764	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	539797	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	237574	20.00	ng	-0.02
63) Phenanthrene-d10	10.90	188	387543	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	241811	20.00	ng	-0.02
86) Perylene-d12	14.86	264	201272	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	706060	81.40	ng	-0.02
7) Phenol-d6	6.07	99	933633	94.28	ng	-0.02
23) Nitrobenzene-d5	6.97	82	535613	58.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	162070	86.34	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	815656	58.27	ng	-0.02
78) Terphenyl-d14	12.48	244	547539	46.17	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.16	163	154878	8.585	ng	99
70) Phenanthrene	10.92	178	356800	17.183	ng	99
71) Anthracene	10.97	178	57871	2.721	ng	97
74) Fluoranthene	12.10	202	332606	16.351	ng	98
77) Pyrene	12.33	202	253092	12.785	ng	97
80) Benzo(a)anthracene	13.51	228	75066	4.798	ng	96
82) Chrysene	13.54	228	74242	4.859	ng	98
85) Indeno(1,2,3-cd)pyrene	16.05	276	32735	2.499	ng	98
87) Benzo(b)fluoranthene	14.52	252	71674m	5.924	ng	
89) Benzo(a)pyrene	14.82	252	51286	4.632	ng	98
91) Benzo(g,h,i)perylene	16.41	276	28424	2.985	ng	96

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

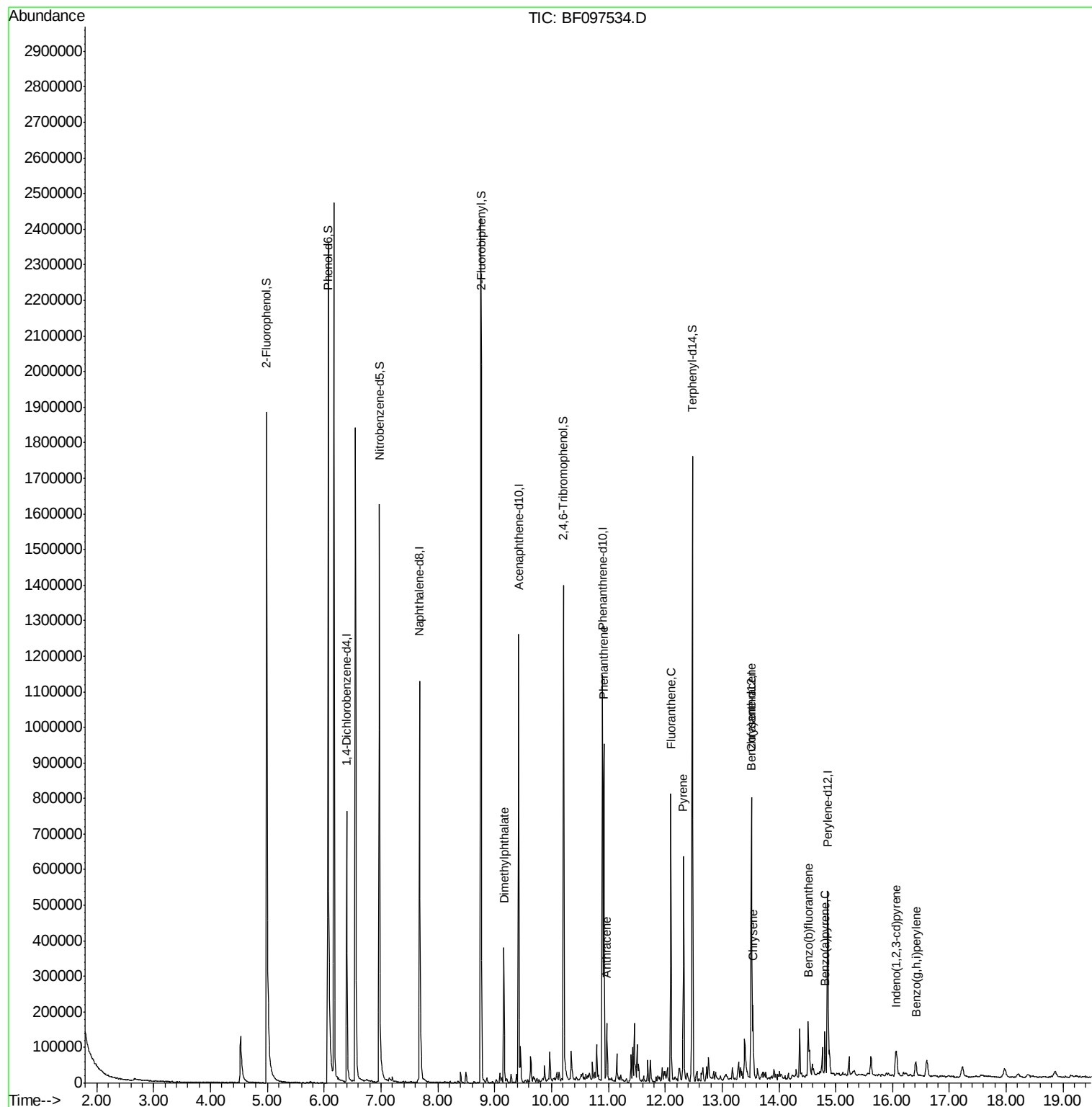
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
Data File : BF097534.D
Acq On : 9 Aug 2017 23:52
Operator : SJ/JU
Sample : I4658-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

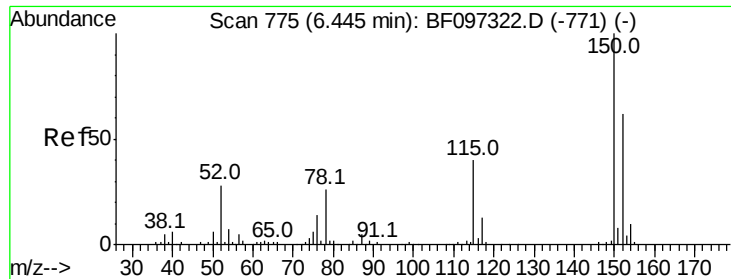
Instrument :
BNA_F
ClientSampleId :
E2-L9-BASE

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Quant Time: Aug 10 05:37:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

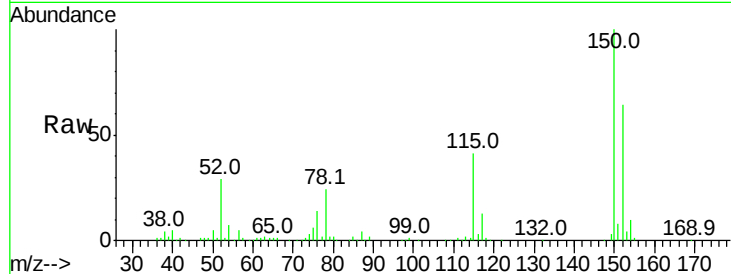
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF097534.D
Acq: 9 Aug 2017 23:52

Instrument :
BNA_F
ClientSampled :
E2-L9-BASE

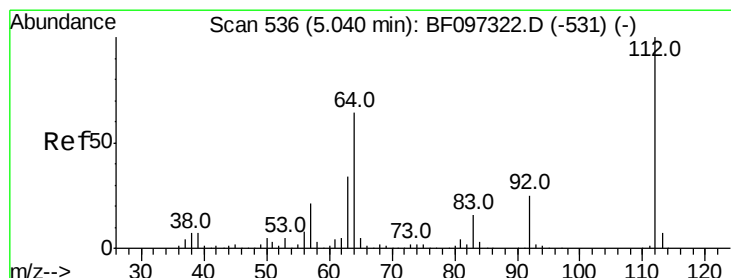
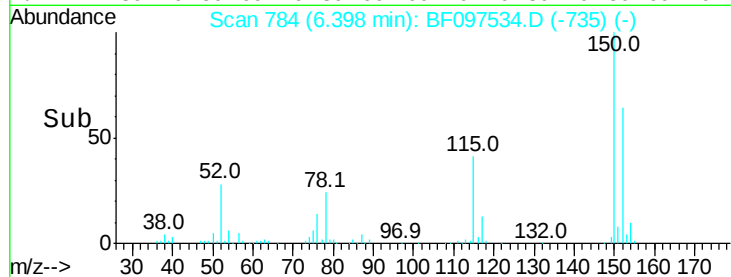
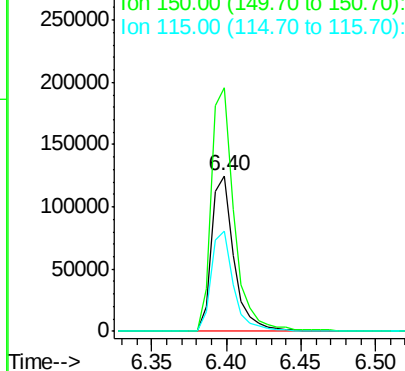
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	64.3	52.2	78.2

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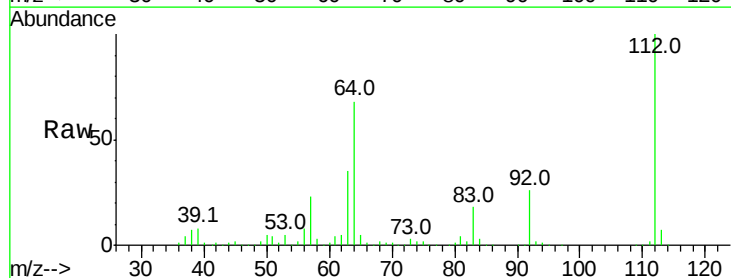
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



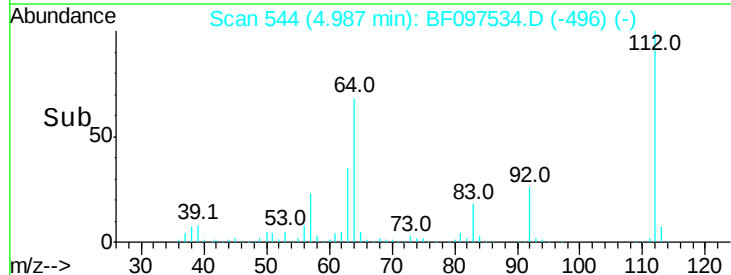
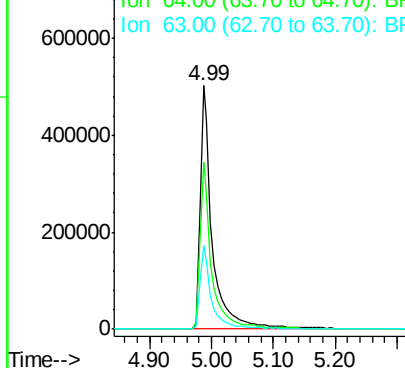
#5

2-Fluorophenol
Concen: 81.397 ng
RT: 4.99 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF097534.D
Acq: 9 Aug 2017 23:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	46.0	69.0
63	34.6	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: 94.280 ng

RT: 6.07 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF097534.D

Acq: 9 Aug 2017 23:52

Instrument :

BNA_F

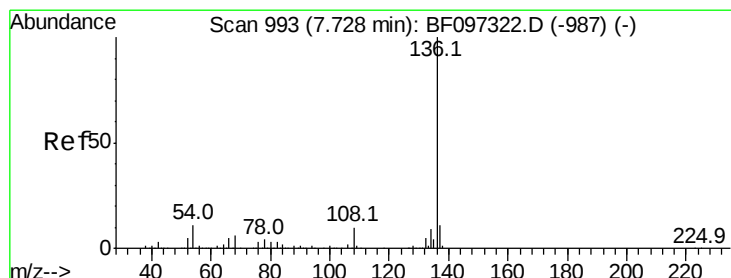
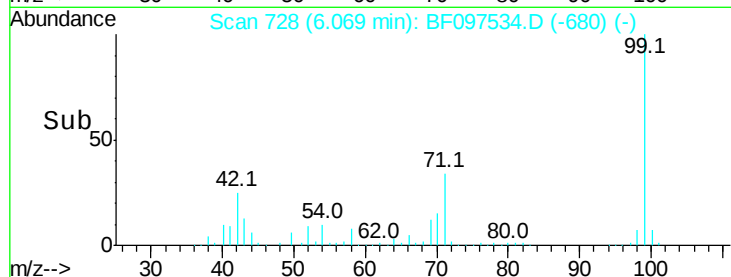
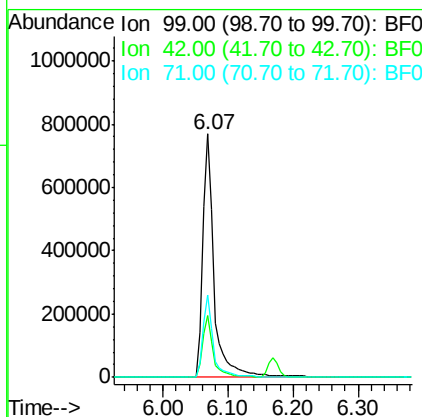
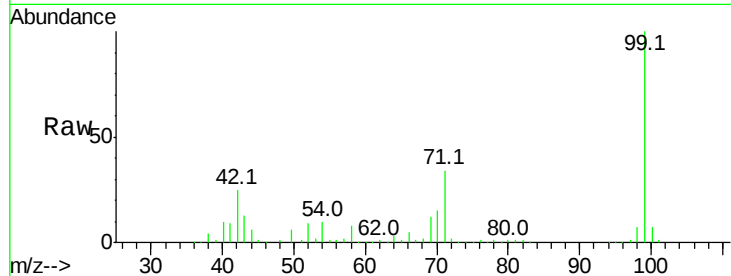
ClientSampled :

E2-L9-BASE

Tot Ion:	99	Resp:	933633
Ion Ratio	Lower	Upper	
99	100		
42	25.4	13.5	20.3#
71	33.6	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

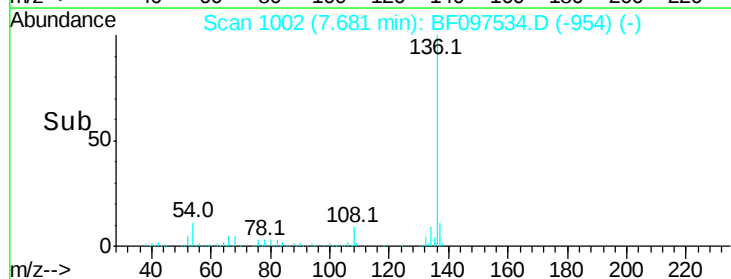
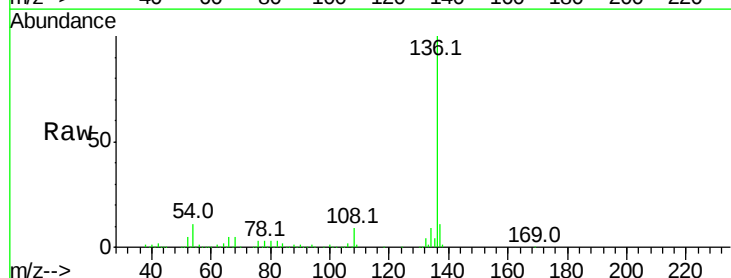
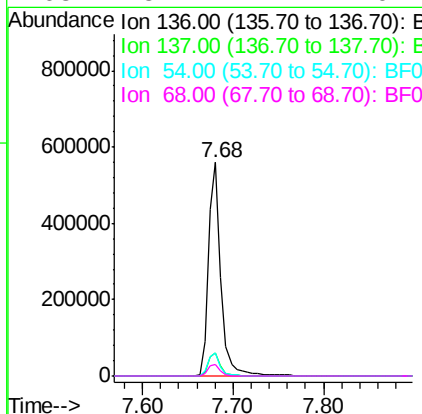
RT: 7.68 min Scan# 1002

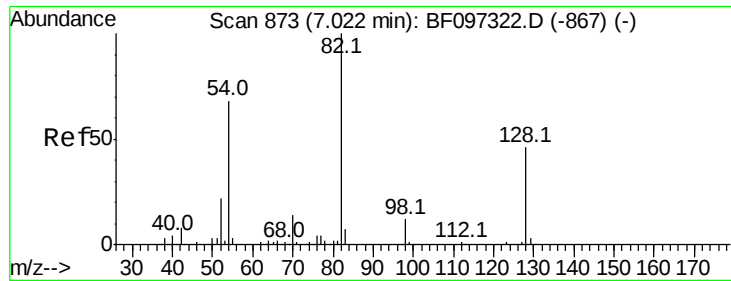
Delta R.T. -0.02 min

Lab File: BF097534.D

Acq: 9 Aug 2017 23:52

Tgt Ion:	136	Resp:	539797
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	10.6	4.9	7.3#
68	5.4	4.1	6.1





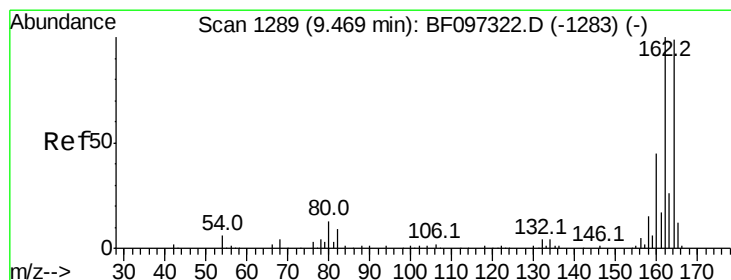
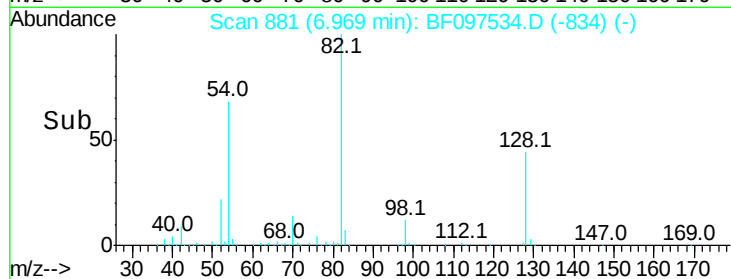
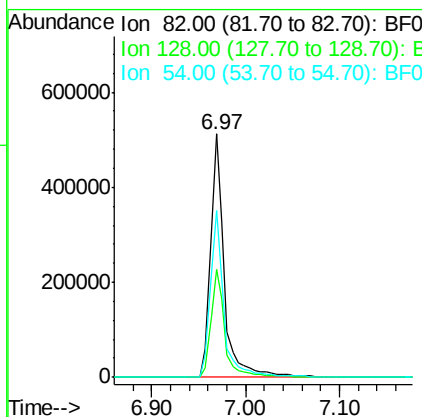
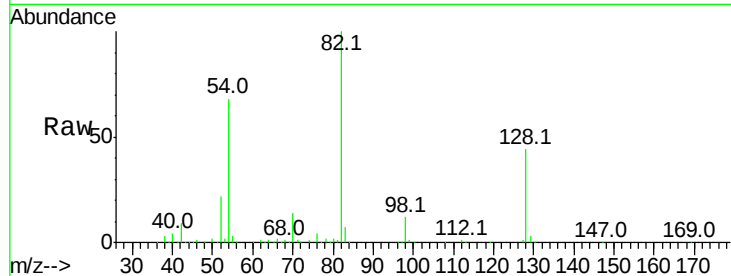
#23
 Nitrobenzene-d5
 Concen: 58.209 ng
 RT: 6.97 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF097534.D
 Acq: 9 Aug 2017 23:52

Instrument :
 BNA_F
 ClientSampleId :
 E2-L9-BASE

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.0	51.0
54	68.5	42.2	63.2

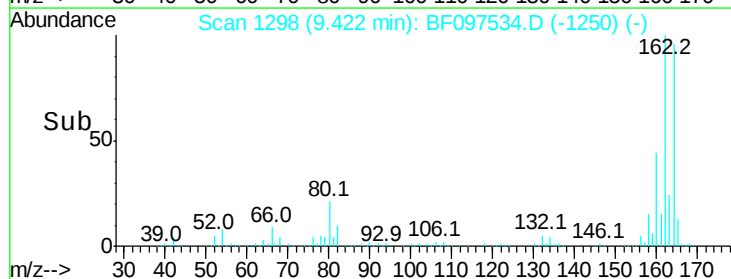
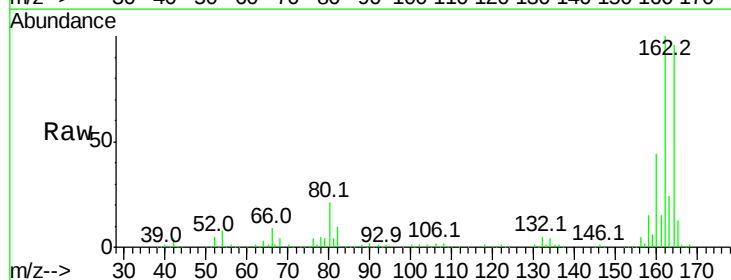
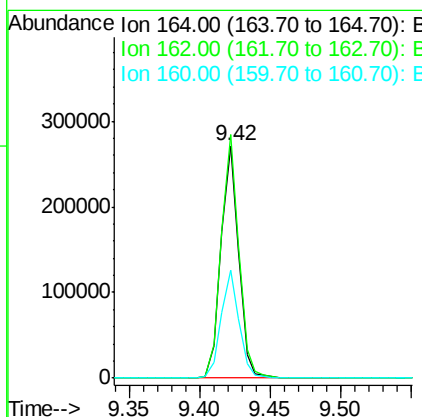
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.42 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF097534.D
 Acq: 9 Aug 2017 23:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.6	123.8
160	46.5	36.2	54.2





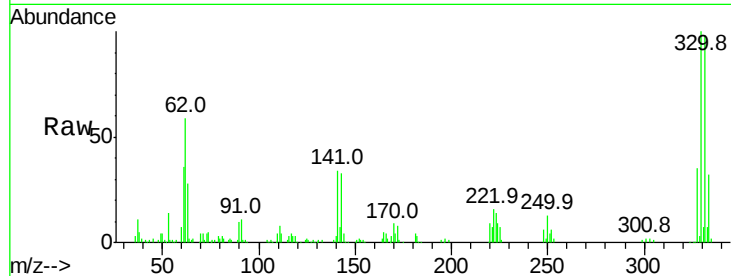
#41
 2,4,6-Tribromophenol
 Concen: 86.342 ng
 RT: 10.22 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF097534.D
 Acq: 9 Aug 2017 23:52

Instrument :
 BNA_F
 ClientSampleId :
 E2-L9-BASE

Tot Ion	Ratio	Resp	Lower	Upper
330	100	162070		
332	96.7	76.6	115.0	
141	41.1	31.4	47.2	

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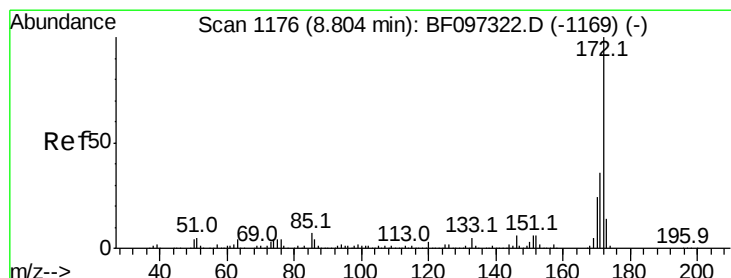
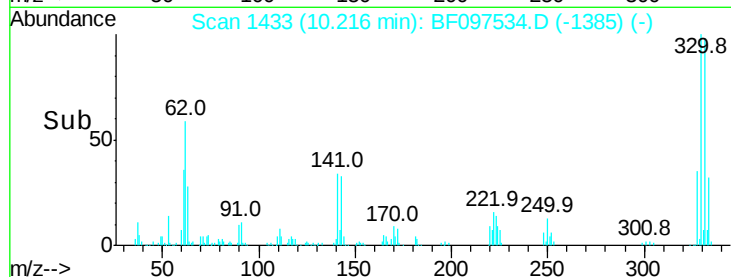
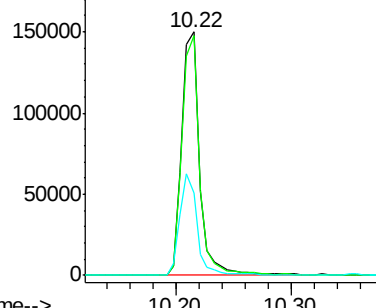


Abundance

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: 58.266 ng
 RT: 8.76 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF097534.D
 Acq: 9 Aug 2017 23:52

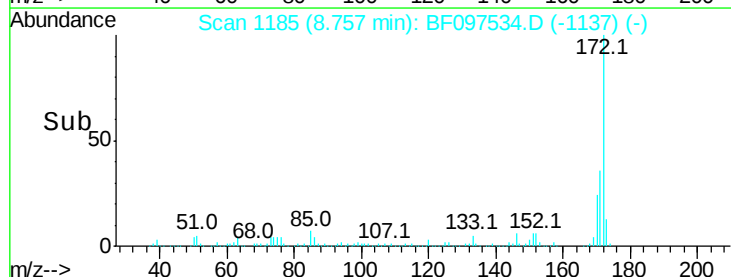
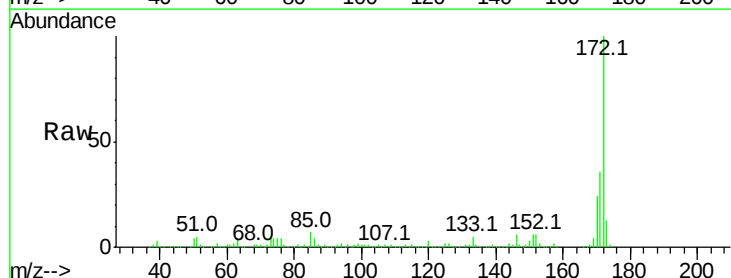
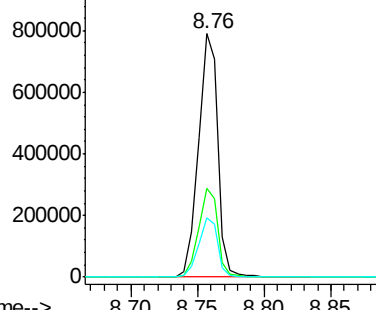
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	815656		
171	36.2	29.6	44.4	
170	24.4	19.8	29.8	

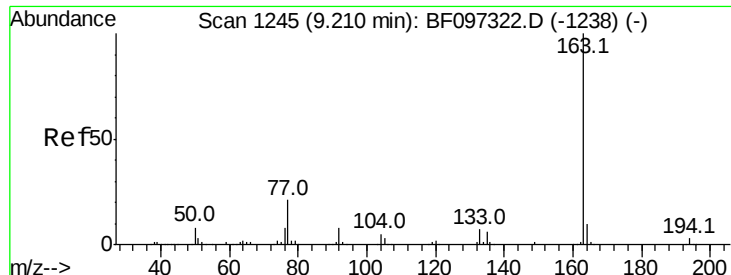
Abundance

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





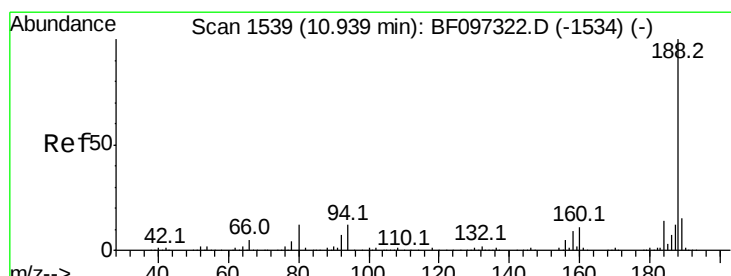
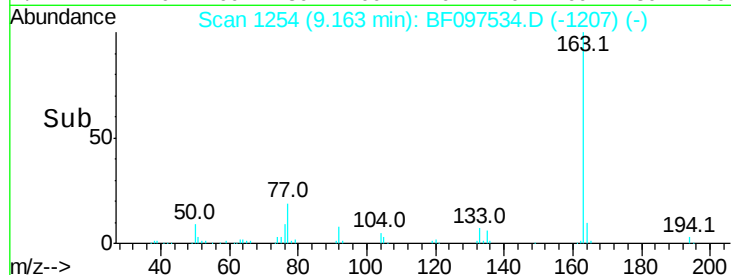
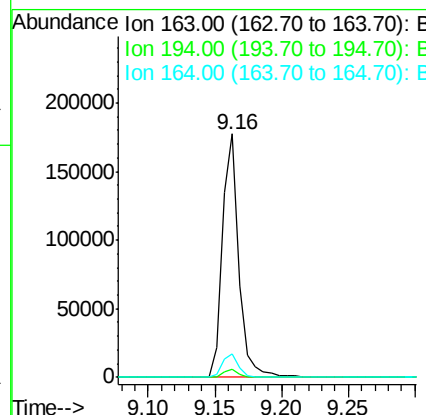
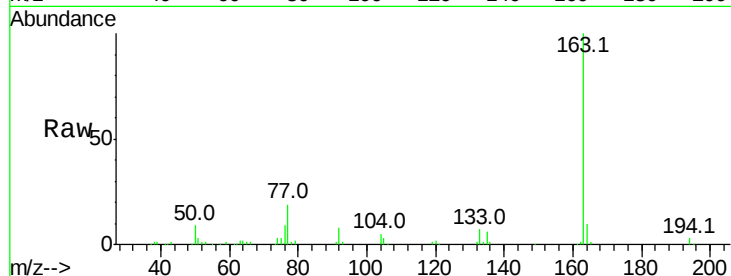
#49
Dimethylphthalate
Concen: 8.585 ng
RT: 9.16 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF097534.D
Acq: 9 Aug 2017 23:52

Instrument :
BNA_F
ClientSampleId :
E2-L9-BASE

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.1	2.6	4.0	
164	9.9	8.4	12.6	

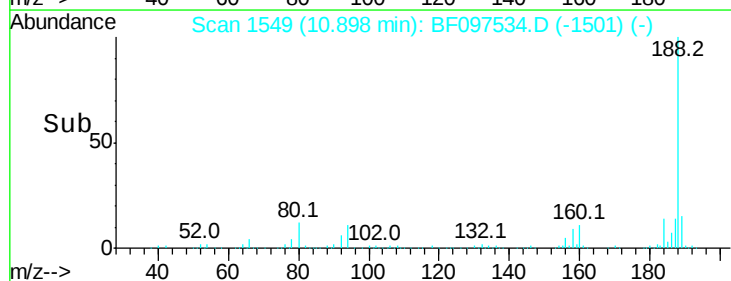
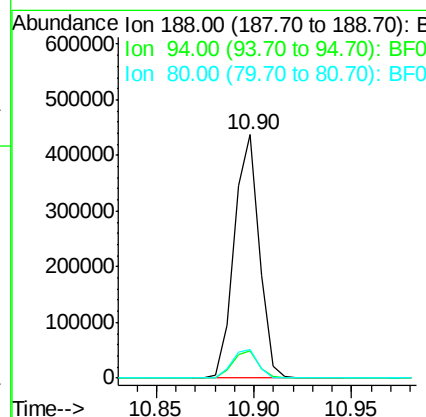
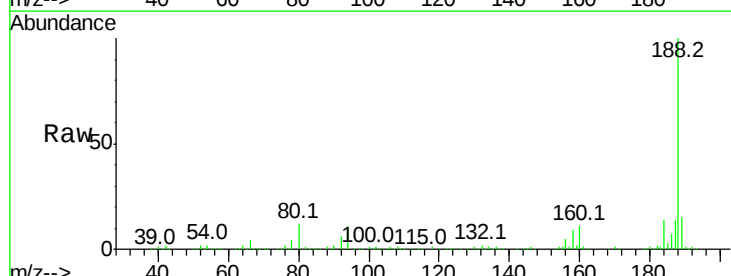
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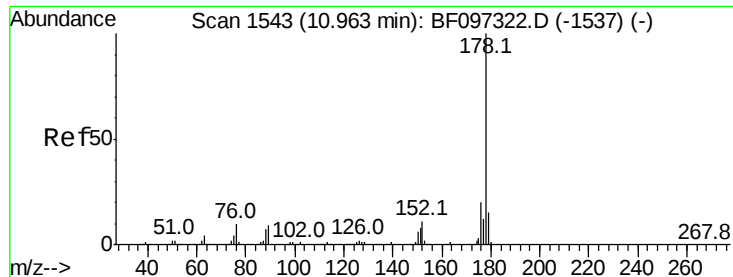
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF097534.D
Acq: 9 Aug 2017 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.5	9.4	14.2	
80	12.0	10.2	15.2	





#70

Phenanthrene

Concen: 17.183 ng

RT: 10.92 min Scan# 1553

Delta R.T. -0.02 min

Lab File: BF097534.D

Acq: 9 Aug 2017 23:52

Instrument :

BNA_F

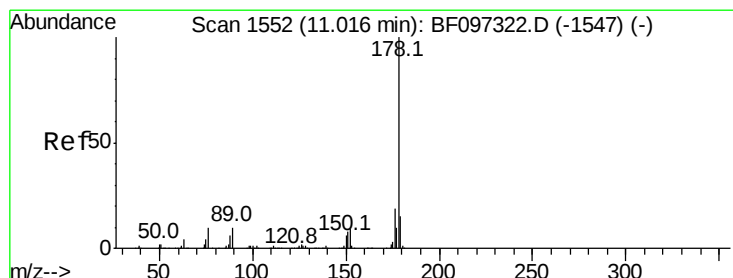
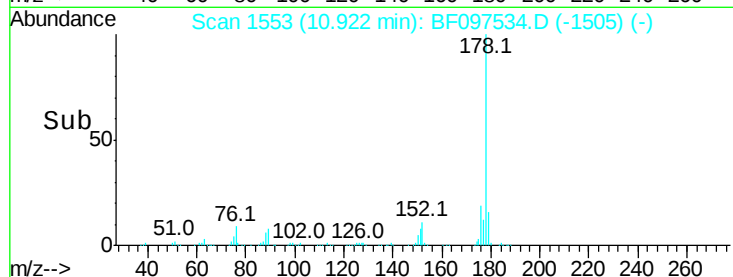
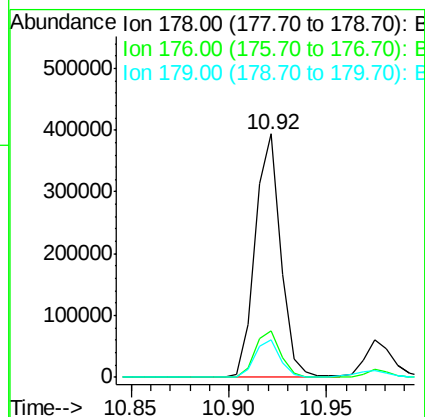
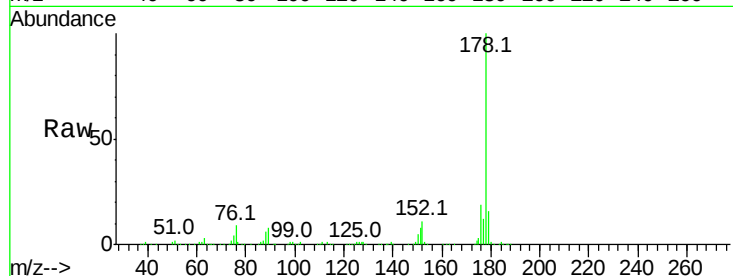
ClientSampled :

E2-L9-BASE

Tot Ion:178	Resp:	356800
Ion Ratio	Lower	Upper
178	100	
176	19.3	16.2 24.4
179	15.6	12.6 19.0

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#71

Anthracene

Concen: 2.721 ng

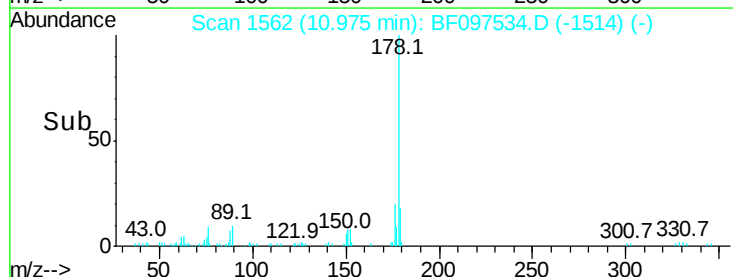
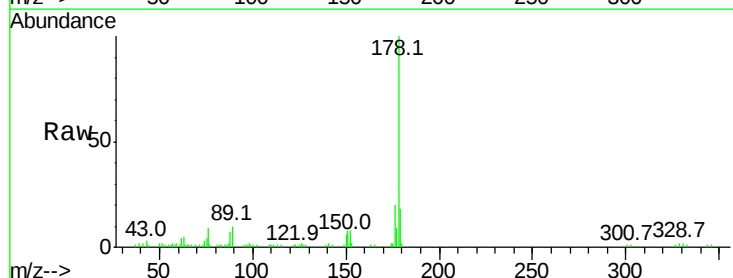
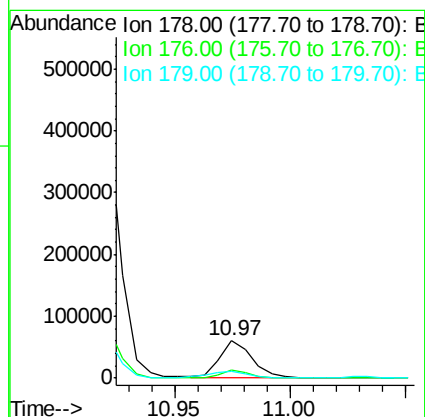
RT: 10.97 min Scan# 1562

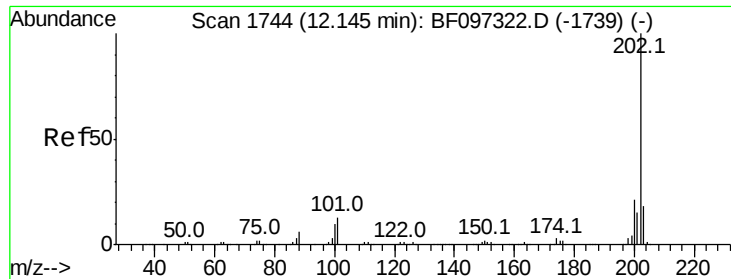
Delta R.T. -0.02 min

Lab File: BF097534.D

Acq: 9 Aug 2017 23:52

Tgt Ion:178	Resp:	57871
Ion Ratio	Lower	Upper
178	100	
176	20.3	15.8 23.8
179	18.0	12.7 19.1





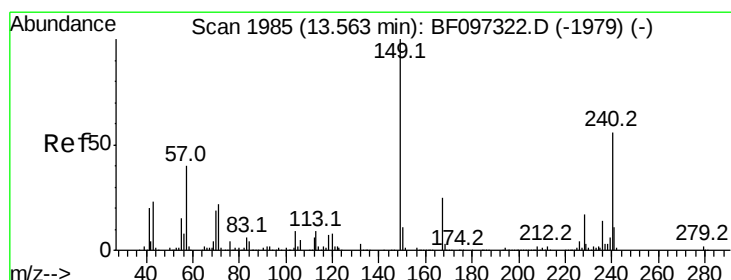
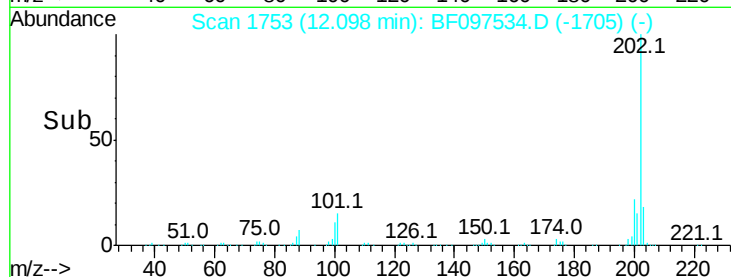
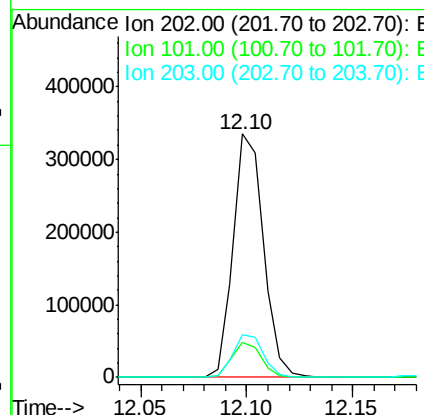
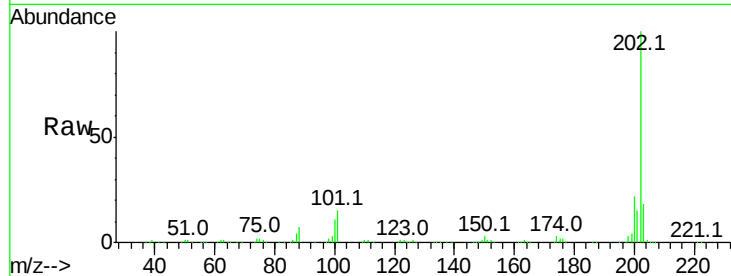
#74
Fluoranthene
Concen: 16.351 ng
RT: 12.10 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF097534.D
Acq: 9 Aug 2017 23:52

Instrument :
BNA_F
ClientSampleId :
E2-L9-BASE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.6	0.0	33.2
203	17.6	0.0	38.1

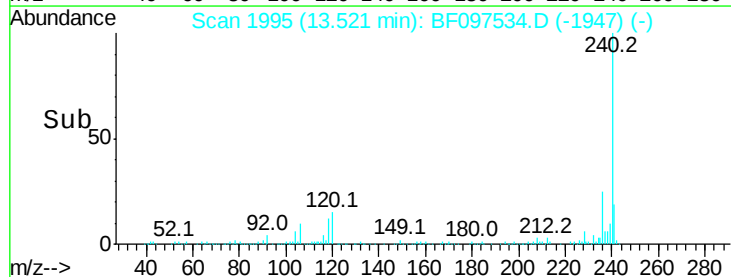
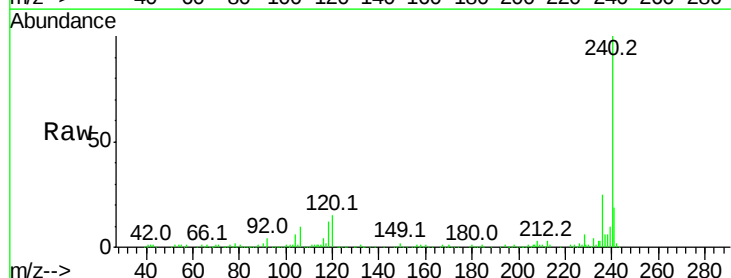
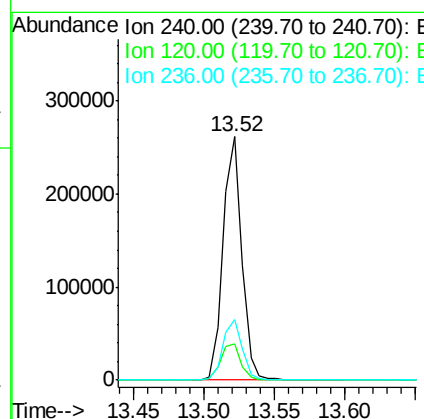
Manual Integrations
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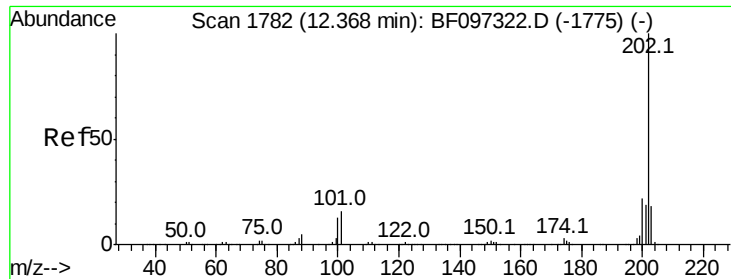
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF097534.D
Acq: 9 Aug 2017 23:52

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	24.8	20.5	30.7





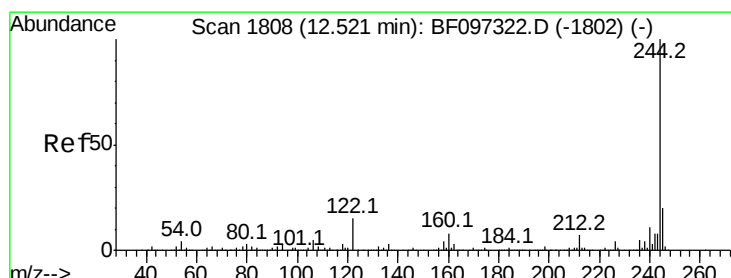
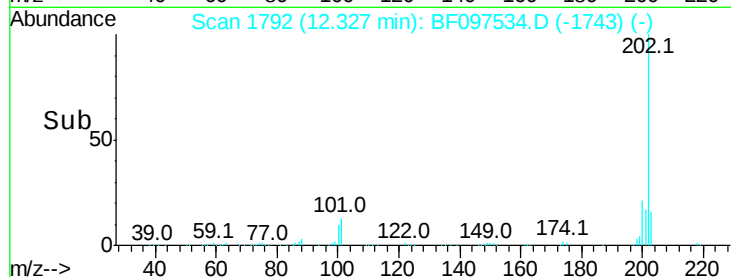
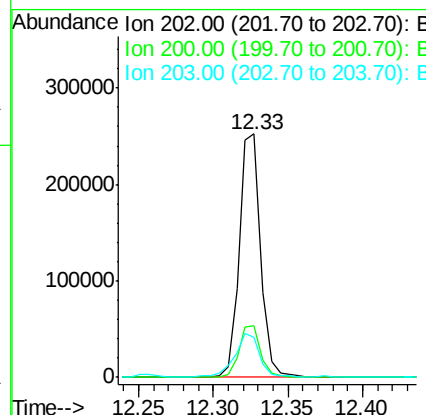
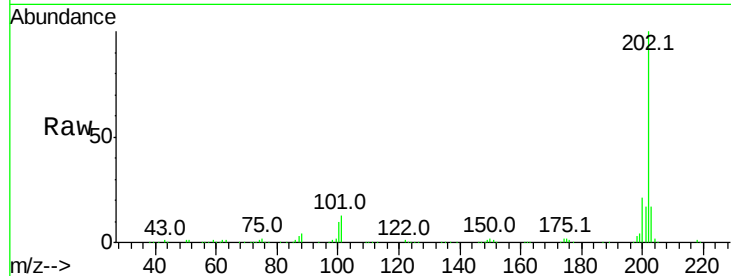
#77
Pvrene
Concen: 12.785 ng
RT: 12.33 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF097534.D
Acq: 9 Aug 2017 23:52

Instrument :
BNA_F
ClientSampleId :
E2-L9-BASE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.0	17.6	26.4
203	16.6	14.4	21.6

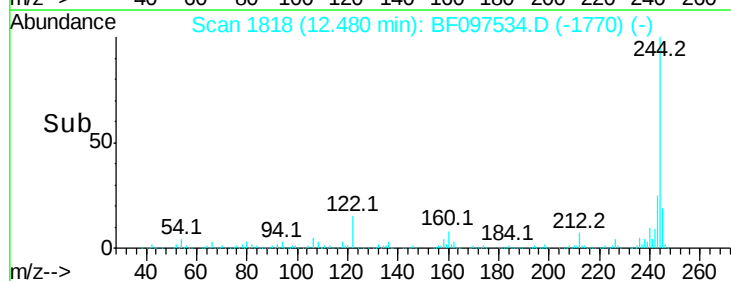
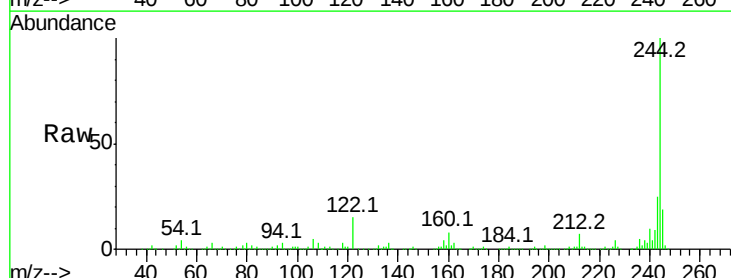
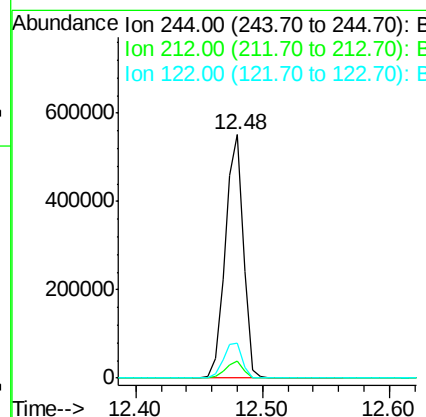
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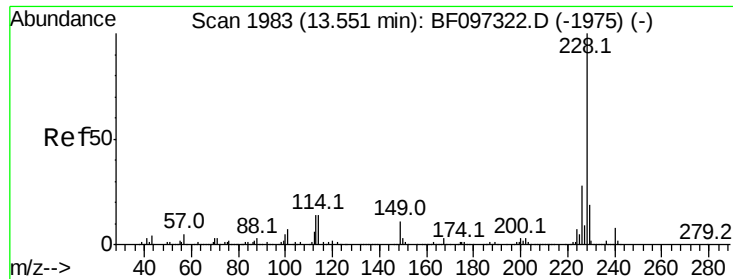
Sohil
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#78
Terphenyl-d14
Concen: 46.166 ng
RT: 12.48 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF097534.D
Acq: 9 Aug 2017 23:52

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.6	10.3	15.5





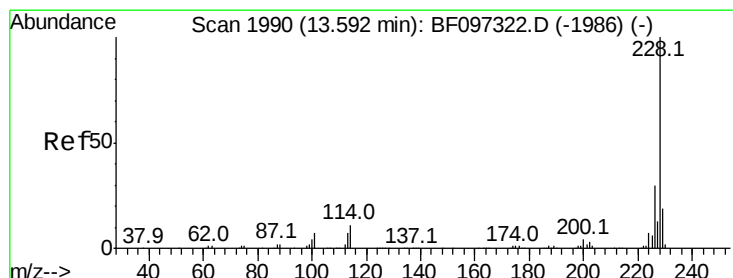
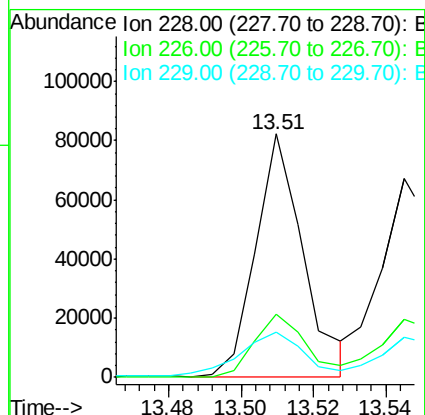
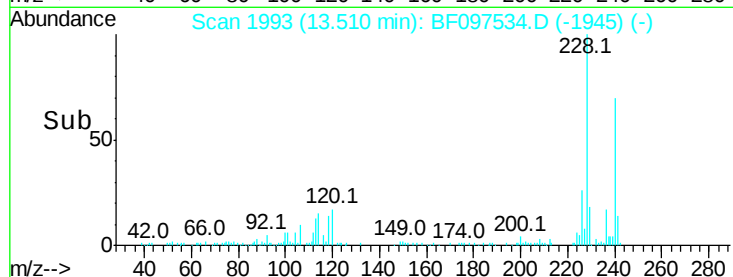
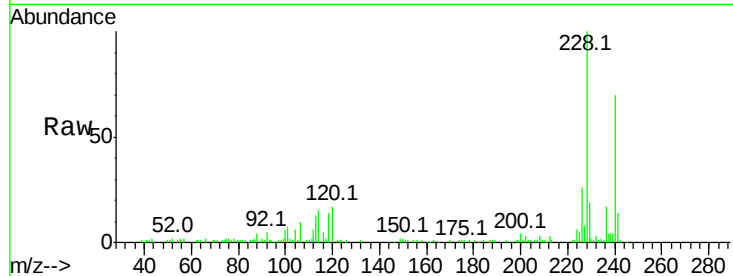
#80
Benzo(a)anthracene
Concen: 4.798 ng
RT: 13.51 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097534.D
Acq: 9 Aug 2017 23:52

Instrument :
BNA_F
ClientSampled :
E2-L9-BASE

Tot Ion:228	Resp:	75066
Ion Ratio	Lower	Upper
228 100		
226 26.0	22.6	33.8
229 18.6	16.3	24.5

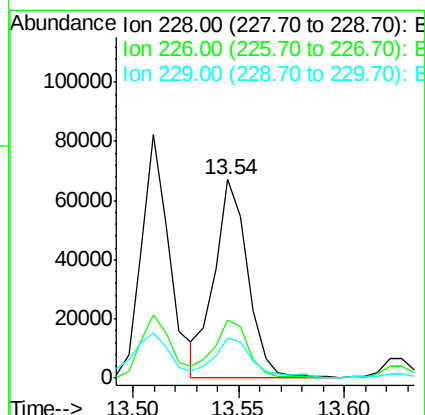
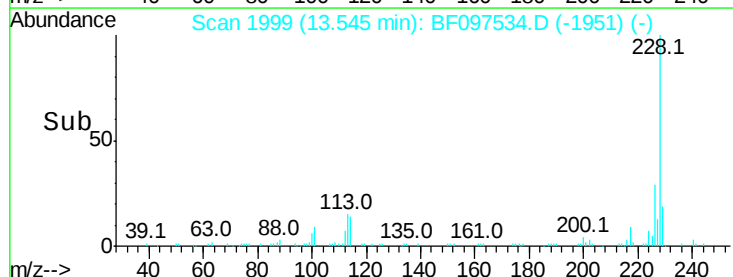
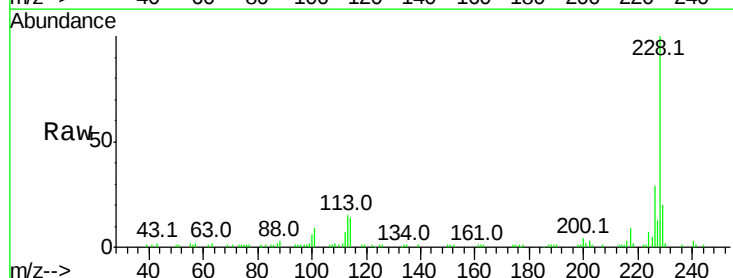
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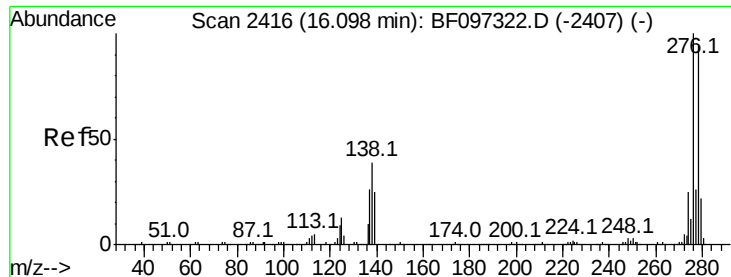
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#82
Chrysene
Concen: 4.859 ng
RT: 13.54 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF097534.D
Acq: 9 Aug 2017 23:52

Tgt Ion:228	Resp:	74242
Ion Ratio	Lower	Upper
228 100		
226 29.5	24.9	37.3
229 19.9	15.8	23.6





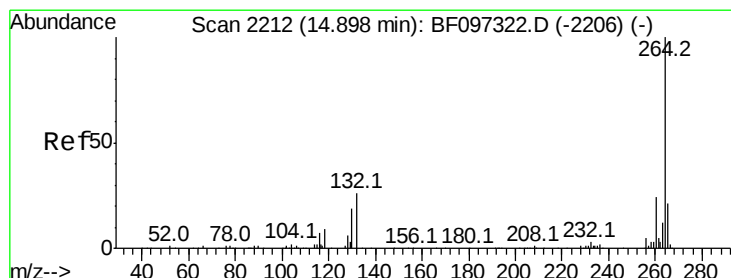
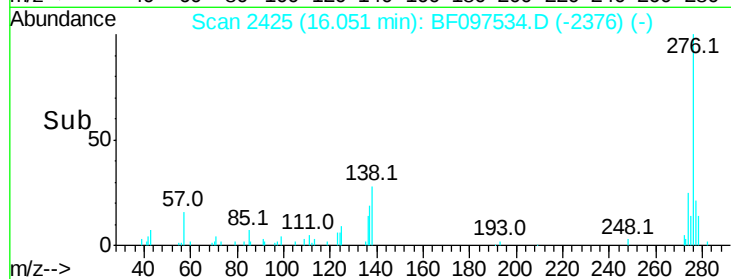
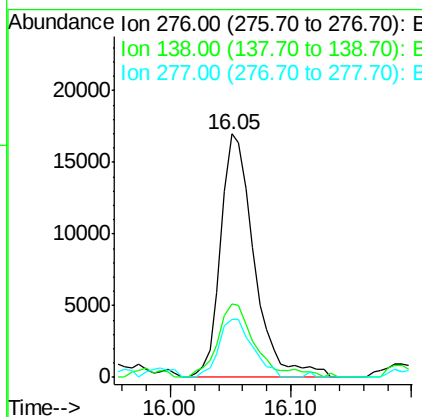
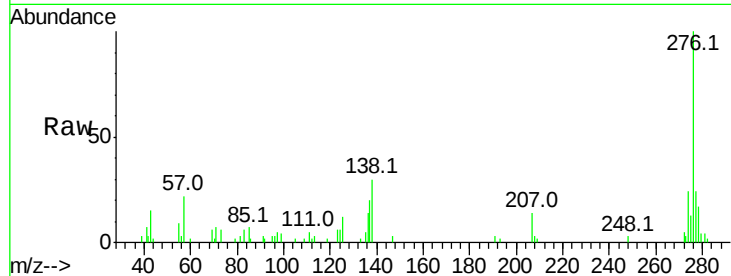
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.499 ng
RT: 16.05 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BF097534.D
Acq: 9 Aug 2017 23:52

Instrument :
BNA_F
ClientSampleId :
E2-L9-BASE

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.2	27.8	41.6
277	23.9	20.2	30.4

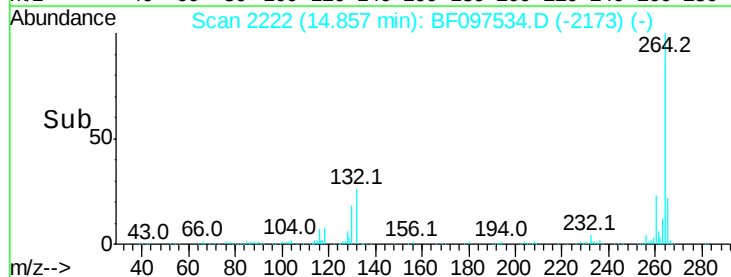
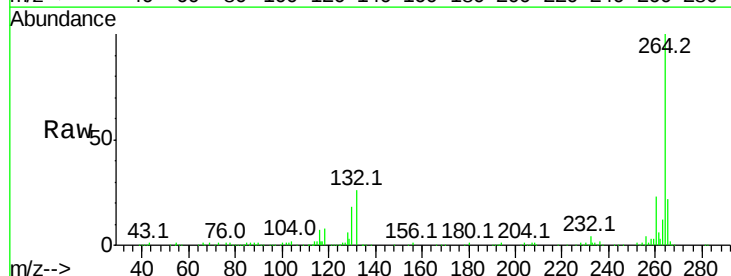
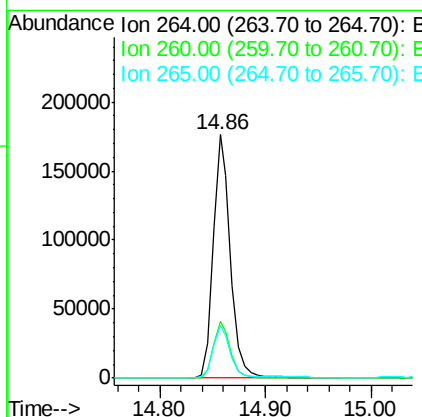
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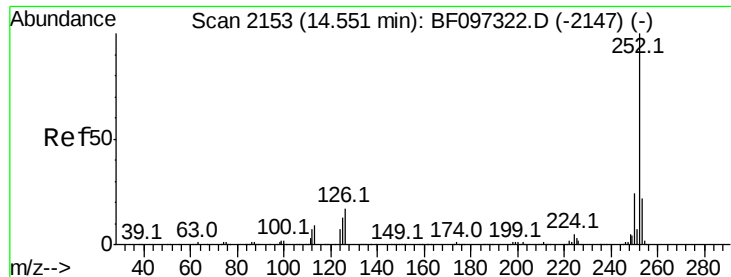
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#86
Perylene-d12
Concen: 20.000 ng
RT: 14.86 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF097534.D
Acq: 9 Aug 2017 23:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 5.924 ng

RT: 14.52 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BF097534.D

Acq: 9 Aug 2017 23:52

Instrument :

BNA_F

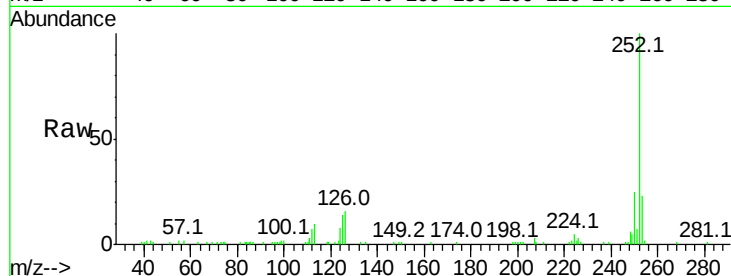
ClientSampleId :

E2-L9-BASE

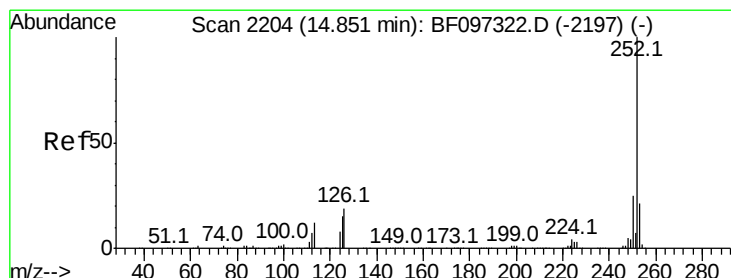
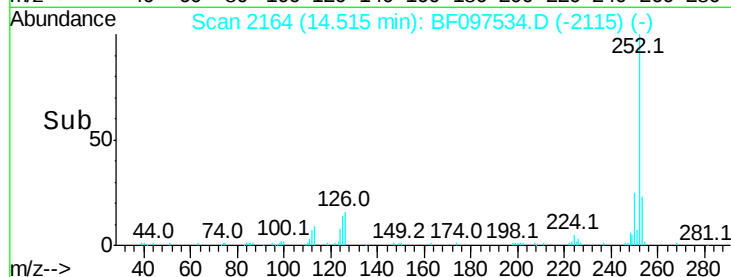
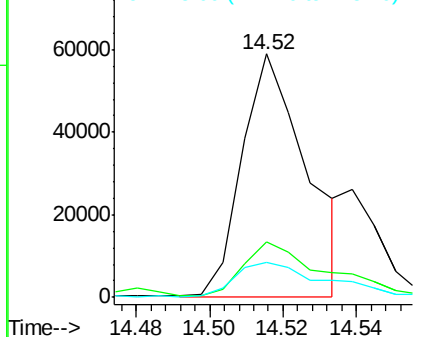
Tot Ion:	252	Resp:	71674
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.1	27.1
125	14.2	9.8	14.8

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: 4.632 ng

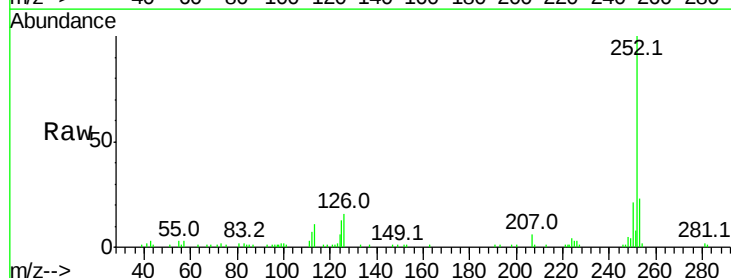
RT: 14.82 min Scan# 2215

Delta R.T. -0.01 min

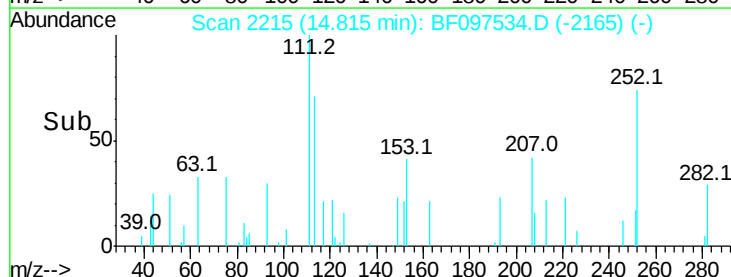
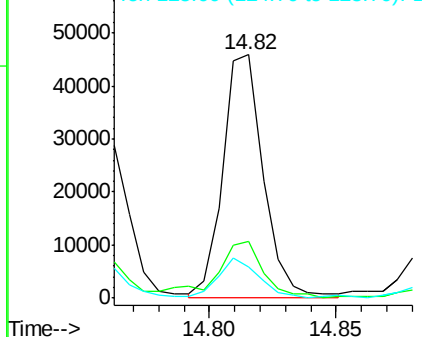
Lab File: BF097534.D

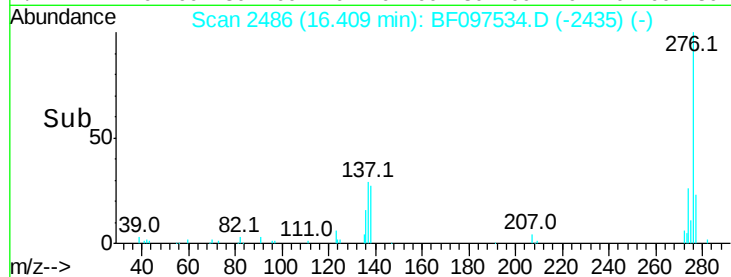
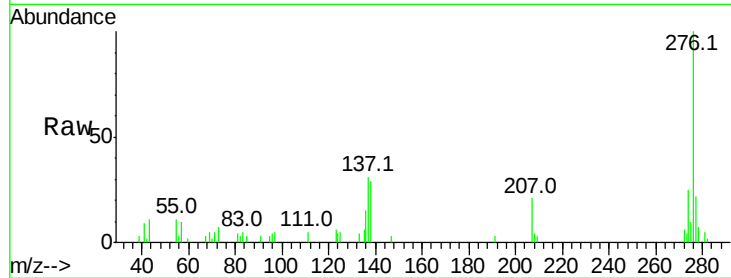
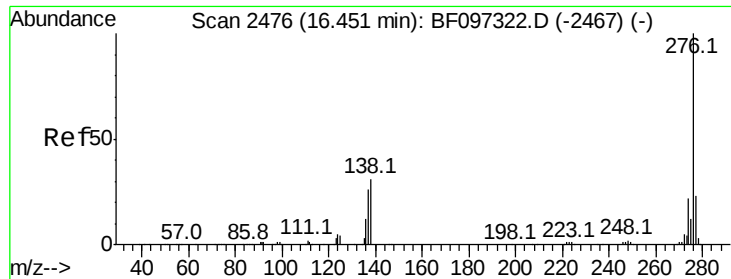
Acq: 9 Aug 2017 23:52

Tgt Ion:	252	Resp:	51286
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.5	26.3
125	12.8	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





#91

Benzo(a,h,i)perylene

Concen: 2.985 ng

RT: 16.41 min Scan# 2486

Delta R.T. 0.00 min

Lab File: BF097534.D

Acq: 9 Aug 2017 23:52

Instrument :

BNA_F

ClientSampleId :

E2-L9-BASE

Tot Ion:	276	Resp:	28424
Ion Ratio	Lower	Upper	
276	100		
277	22.2	18.6	28.0
138	28.7	25.4	38.0

Manual Integrations
APPROVED

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