

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097458.D
 Acq On : 8 Aug 2017 5:32
 Operator : SJ/JU
 Sample : I4614-04 2X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-M10-ESW

Manual Integrations
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Quant Time: Aug 08 07:51:19 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	6.41	152	88613	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	352091	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	126702	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	211014	20.00	ng	0.00
75) Chrysene-d12	13.53	240	174851	20.00	ng	0.00
86) Perylene-d12	14.87	264	125123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	315742	53.71	ng	0.00
7) Phenol-d6	6.08	99	393309	58.61	ng	0.00
23) Nitrobenzene-d5	6.98	82	218803	36.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.23	330	51254	51.20	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	344423	46.13	ng	0.00
78) Terphenyl-d14	12.49	244	243220	28.36	ng	0.00
Target Compounds						
48) Acenaphthylene	9.30	152	33914	2.774	ng	Qvalue 97
49) Dimethylphthalate	9.17	163	52395	5.446	ng	99
70) Phenanthrene	10.93	178	143102	12.657	ng	99
71) Anthracene	10.99	178	39489	3.410	ng	98
73) Di-n-butylphthalate	11.49	149	58954	4.188	ng	99
74) Fluoranthene	12.12	202	197903	17.867	ng	97
77) Pyrene	12.34	202	239426	16.726	ng	99
80) Benzo(a)anthracene	13.53	228	85080	7.520	ng	97
82) Chrysene	13.56	228	81099	7.341	ng	98
85) Indeno(1,2,3-cd)pyrene	16.07	276	28395	2.998	ng	93
87) Benzo(b)fluoranthene	14.53	252	83397m	11.088	ng	
88) Benzo(k)fluoranthene	14.55	252	19743m	2.755	ng	
89) Benzo(a)pyrene	14.83	252	61604	8.949	ng	# 97
91) Benzo(a,h,i)perylene	16.42	276	36480	6.162	ng	97

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

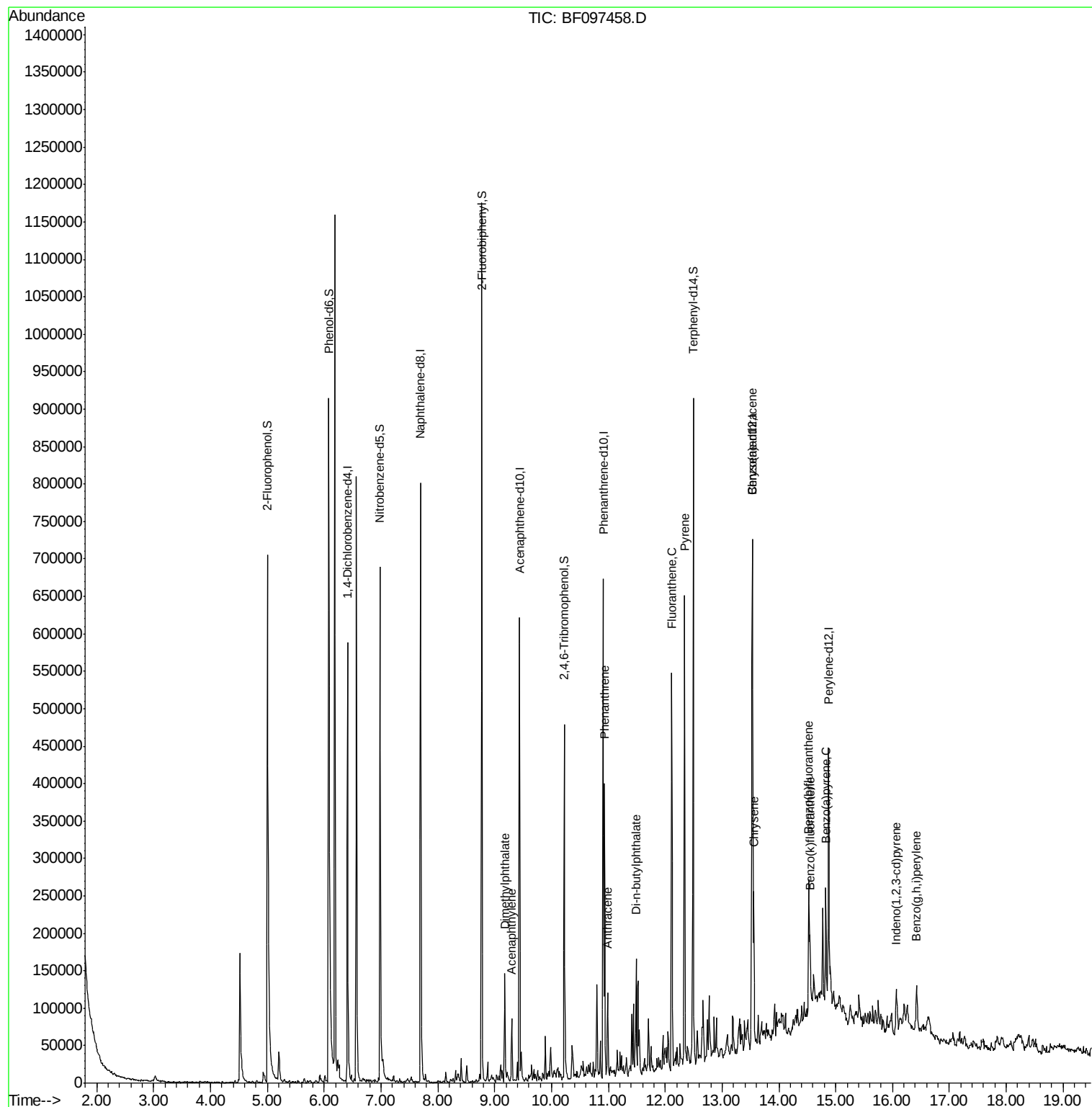
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097458.D
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ALS Vial : 32 Sample Multiplier: 1

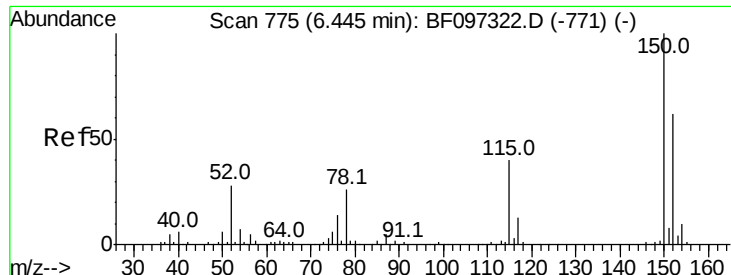
Instrument :
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E2-M10-ESW

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
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#1

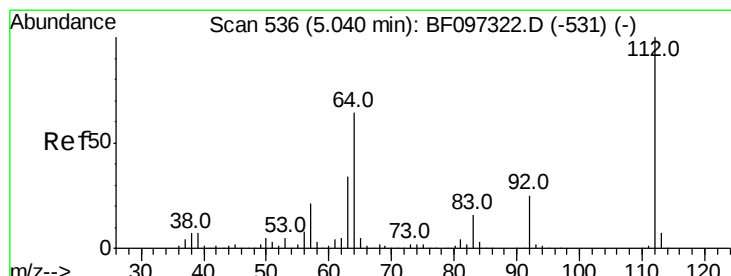
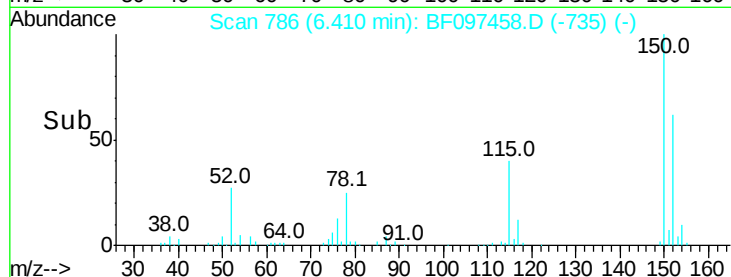
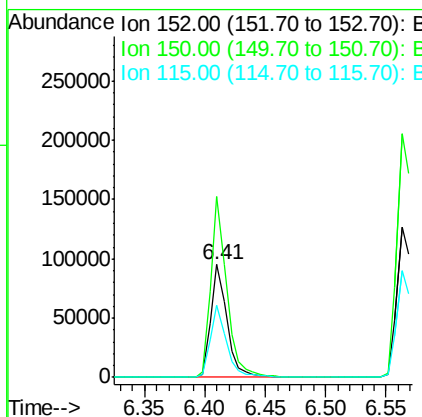
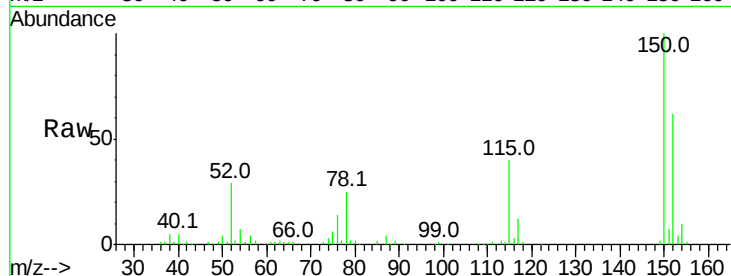
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.41 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.2	189.2
115	64.2	52.2	78.2

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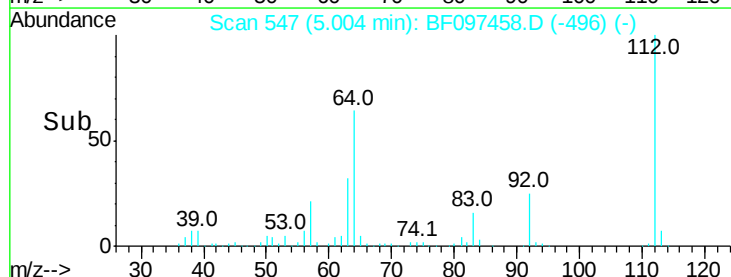
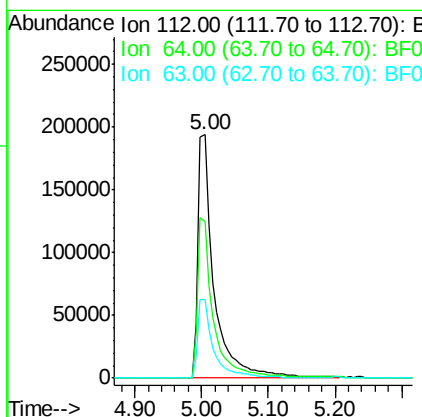
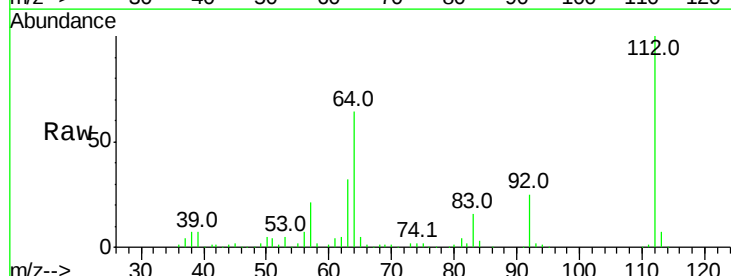
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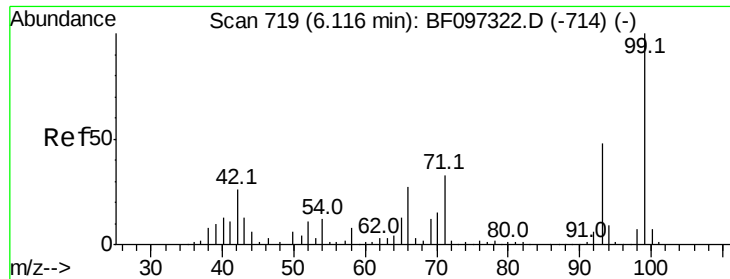


#5

2-Fluorophenol
Concen: 53.714 ng
RT: 5.00 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	46.0	69.0
63	32.4	23.4	35.0





#7

Phenol-d6

Concen: 58.610 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097458.D

Acq: 8 Aug 2017 5:32

Instrument :

BNA_F

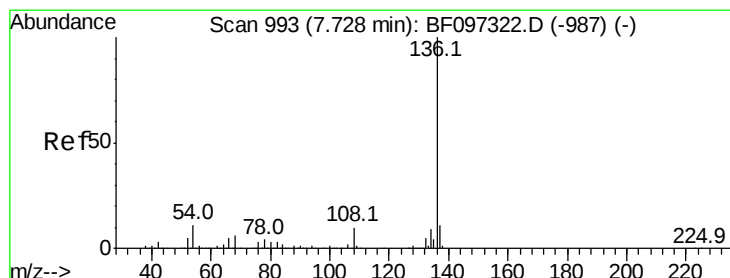
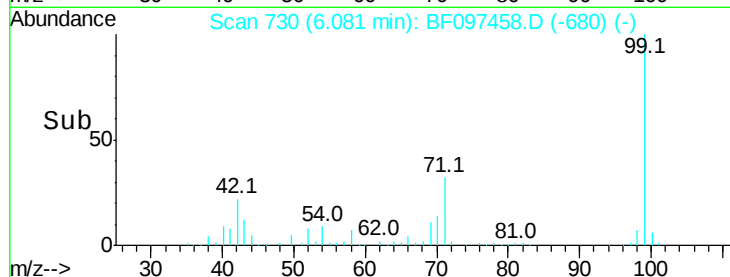
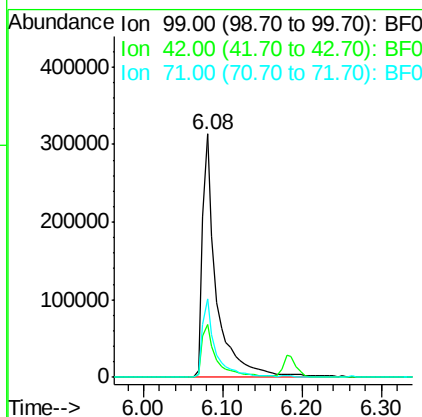
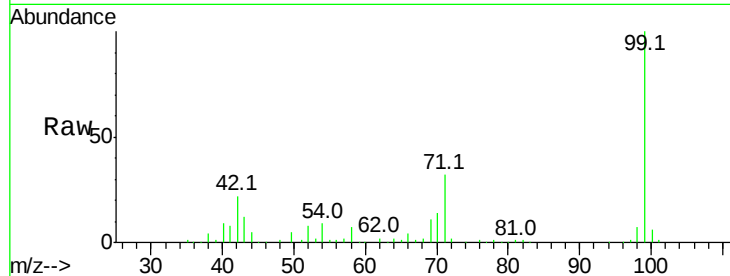
ClientSampleId :

E2-M10-ESW

Tot Ion:	99	Resp:	393309
Ion Ratio	Lower	Upper	
99	100		
42	21.7	13.5	20.3#
71	32.2	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

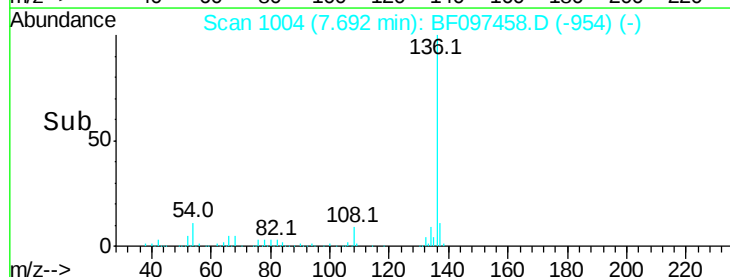
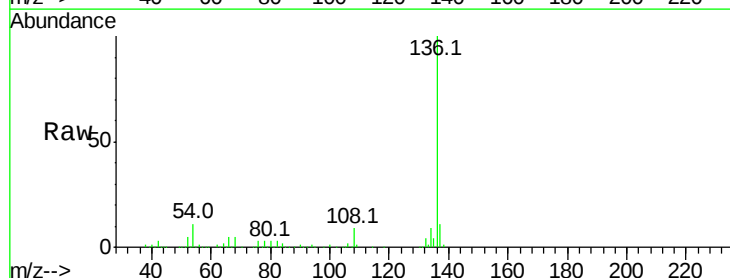
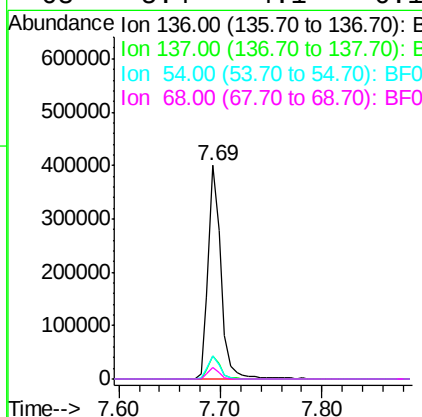
RT: 7.69 min Scan# 1004

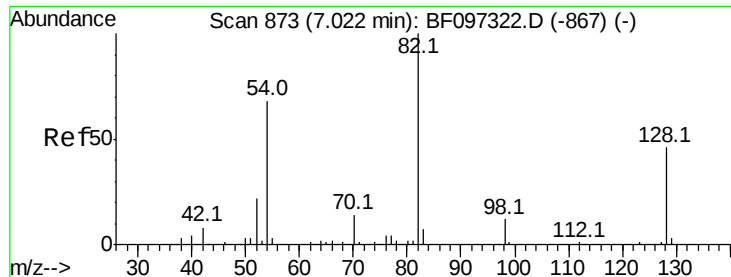
Delta R.T. -0.01 min

Lab File: BF097458.D

Acq: 8 Aug 2017 5:32

Tgt Ion:	136	Resp:	352091
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	10.6	4.9	7.3#
68	5.4	4.1	6.1





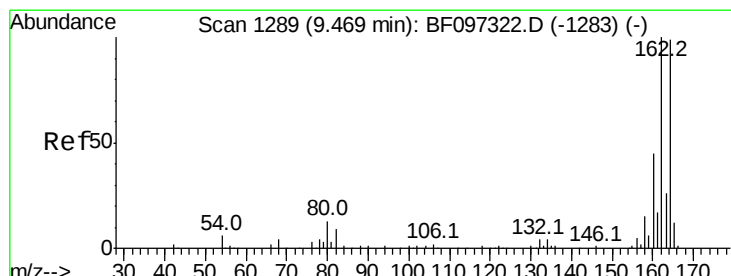
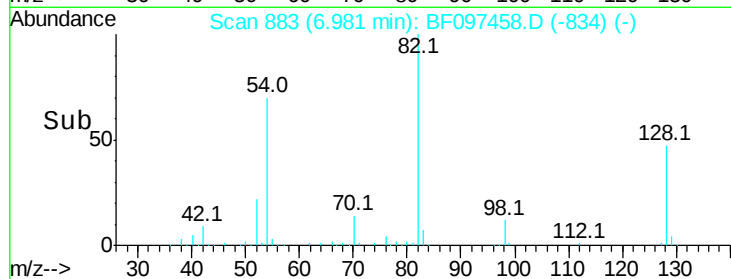
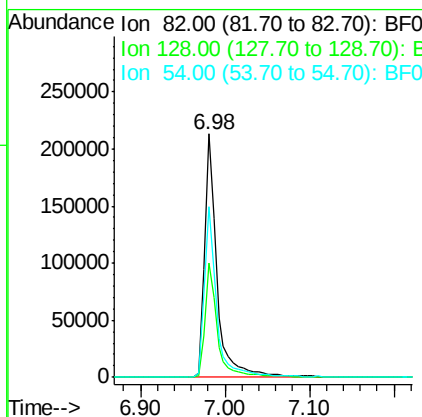
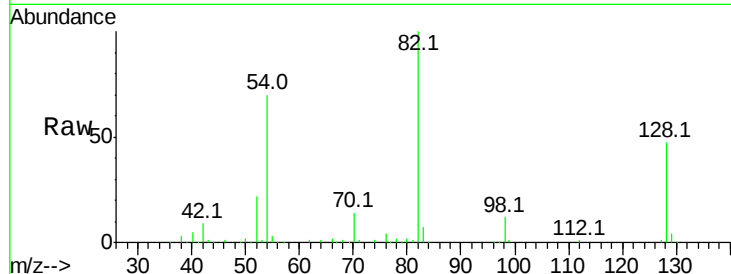
#23
 Nitrobenzene-d5
 Concen: 36.456 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF097458.D
 Acq: 8 Aug 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-M10-ESW

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.1	34.0	51.0	
54	69.8	42.2	63.2	

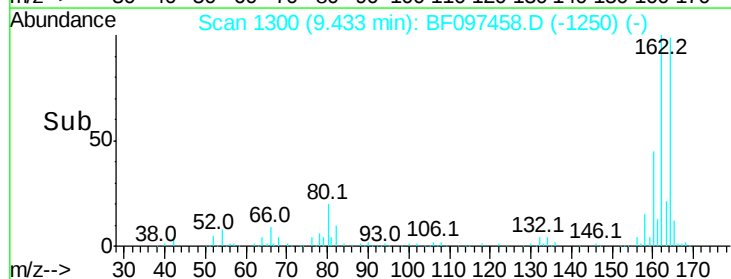
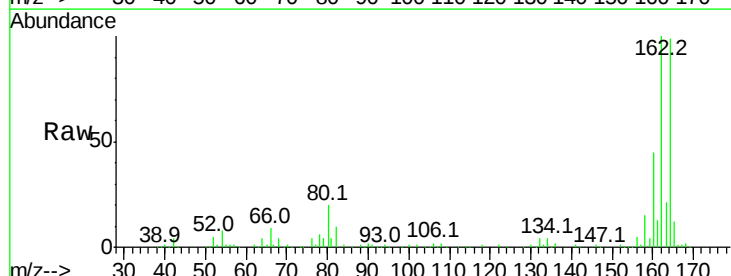
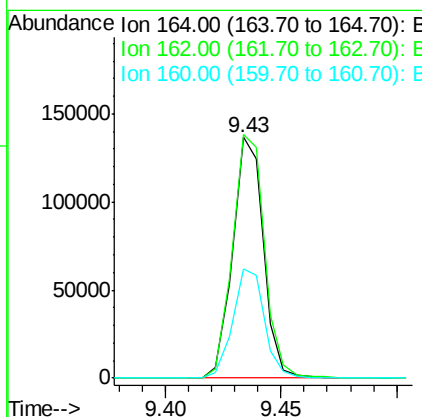
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF097458.D
 Acq: 8 Aug 2017 5:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	82.6	123.8	
160	45.4	36.2	54.2	





#41

2,4,6-Tribromophenol

Concen: 51.199 ng

RT: 10.23 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF097458.D

Acq: 8 Aug 2017 5:32

Instrument :

BNA_F

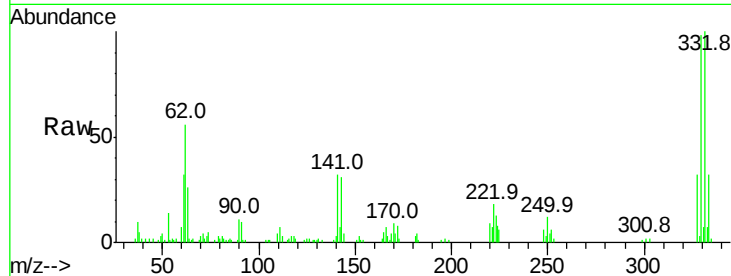
ClientSampleId :

E2-M10-ESW

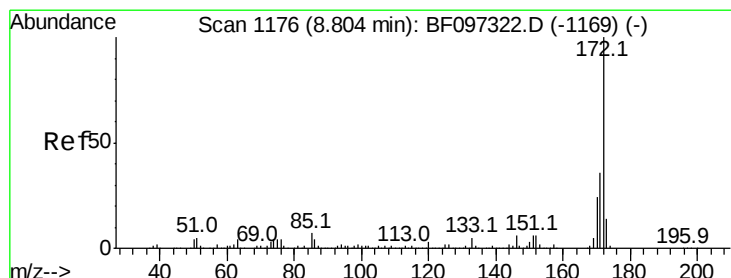
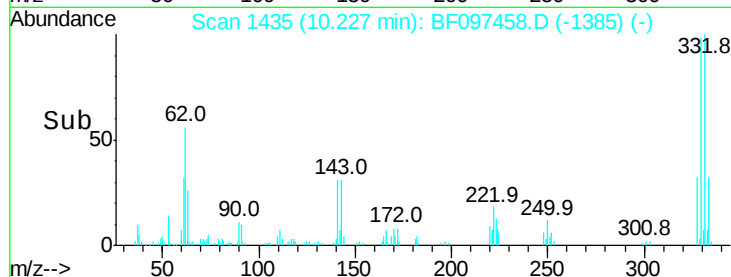
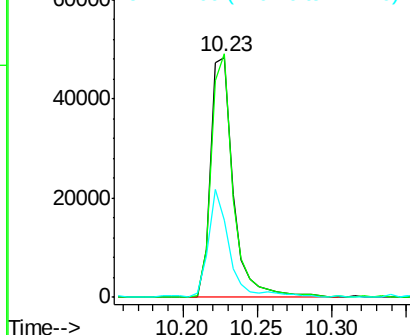
Tot Ion:	330	Resp:	51254
Ion Ratio	Lower	Upper	
330	100		
332	97.6	76.6	115.0
141	42.9	31.4	47.2

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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: 46.133 ng

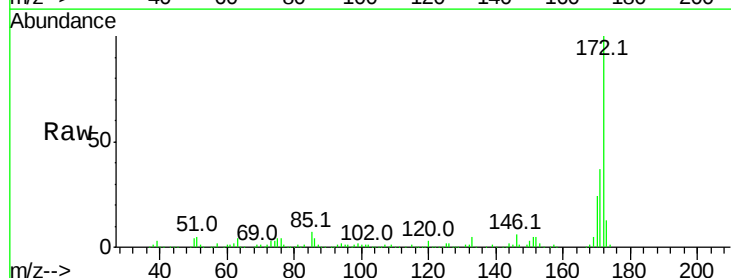
RT: 8.77 min Scan# 1187

Delta R.T. -0.01 min

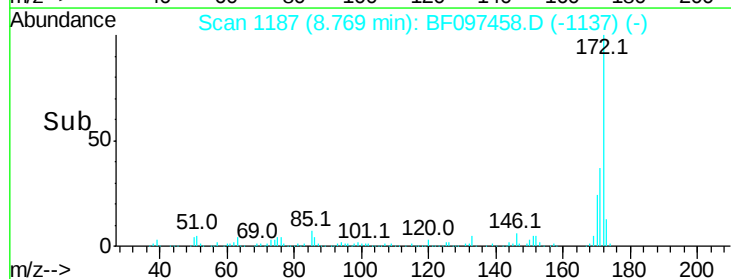
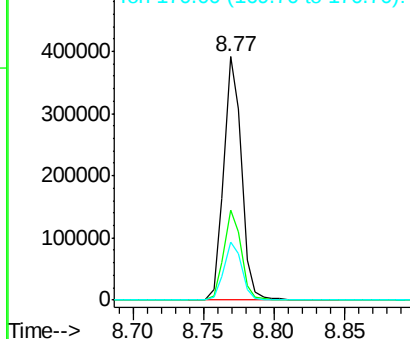
Lab File: BF097458.D

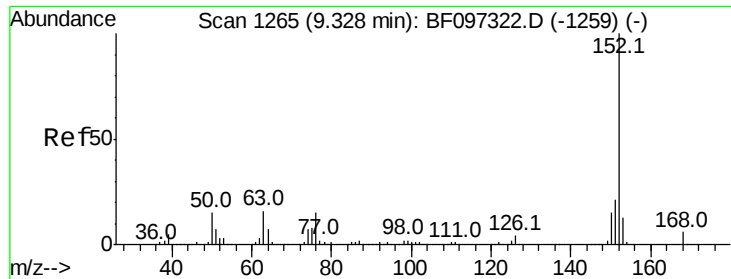
Acq: 8 Aug 2017 5:32

Tgt Ion:	172	Resp:	344423
Ion Ratio	Lower	Upper	
172	100		
171	36.9	29.6	44.4
170	23.6	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





#48

Acenaphthylene

Concen: 2.774 ng

RT: 9.30 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF097458.D

Acq: 8 Aug 2017 5:32

Instrument :

BNA_F

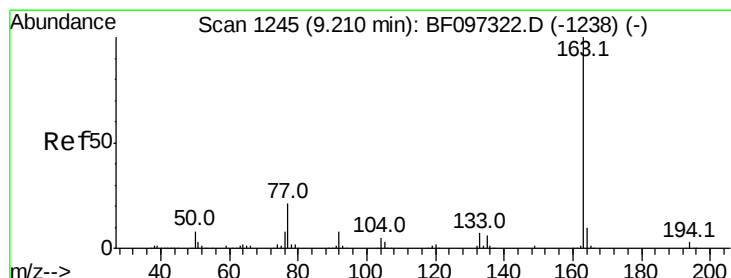
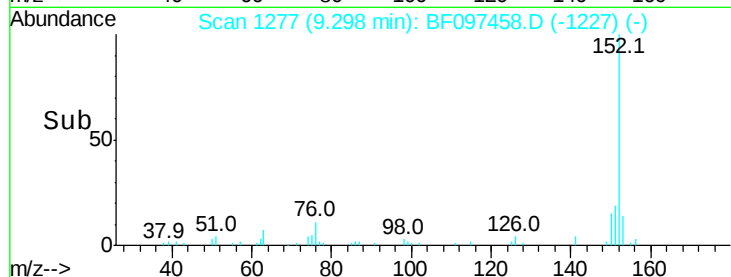
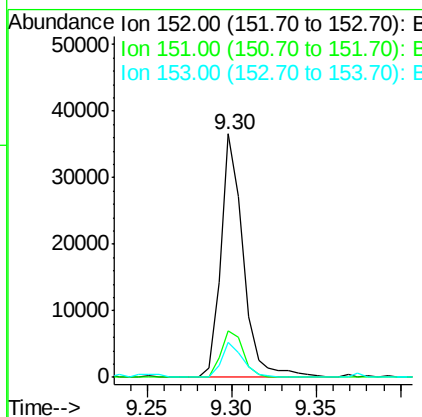
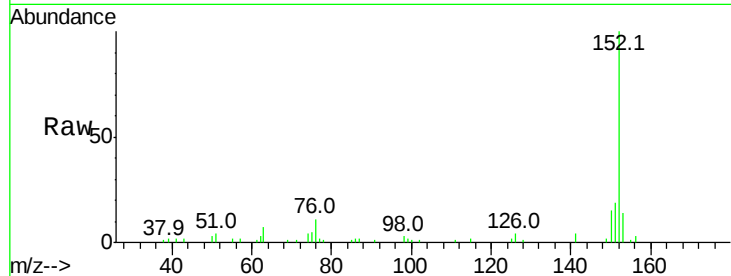
ClientSampleId :

E2-M10-ESW

Tot Ion:	152	Resp:	33914
Ion Ratio	Lower	Upper	
152	100		
151	19.3	16.8	25.2
153	14.2	10.8	16.2

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#49

Dimethylphthalate

Concen: 5.446 ng

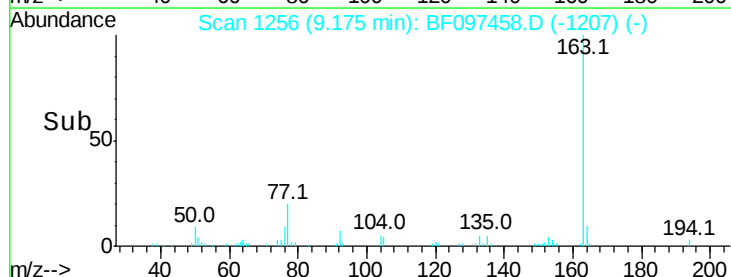
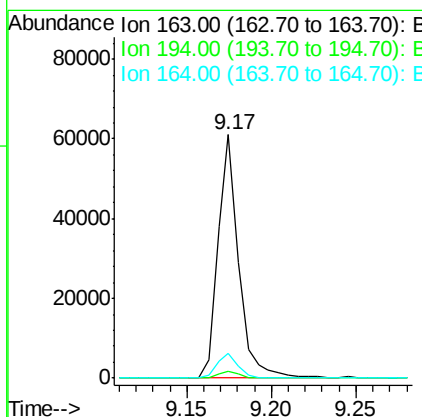
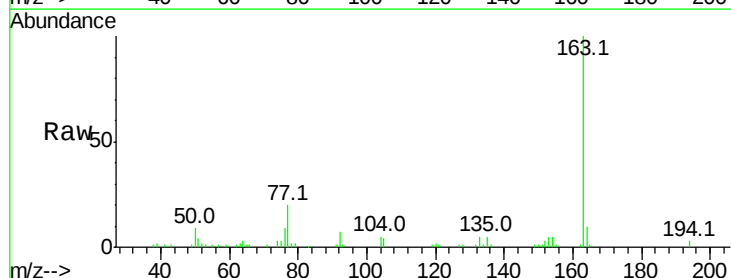
RT: 9.17 min Scan# 1256

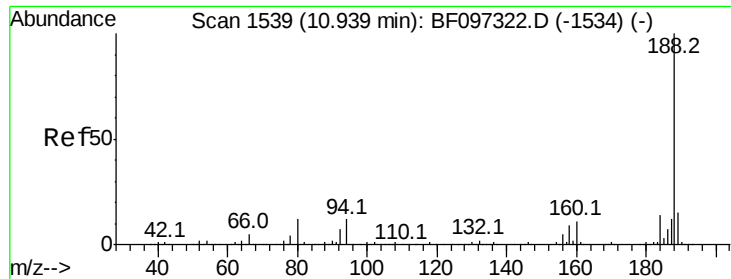
Delta R.T. -0.01 min

Lab File: BF097458.D

Acq: 8 Aug 2017 5:32

Tgt Ion:	163	Resp:	52395
Ion Ratio	Lower	Upper	
163	100		
194	2.9	2.6	4.0
164	10.3	8.4	12.6





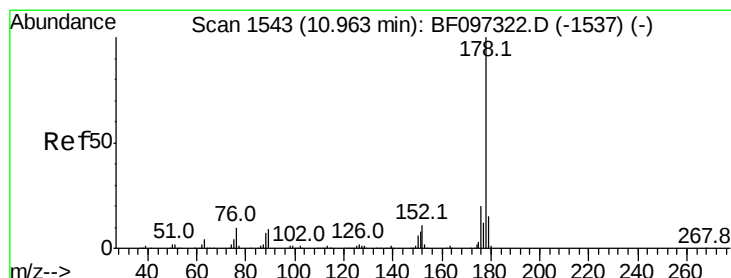
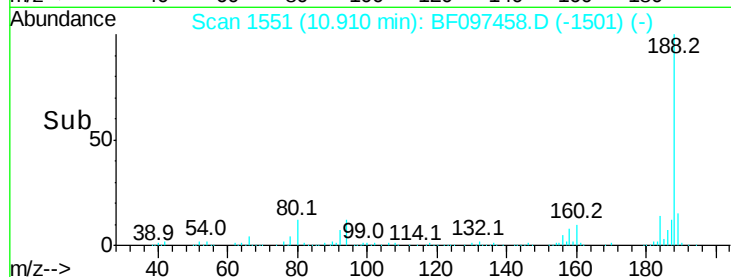
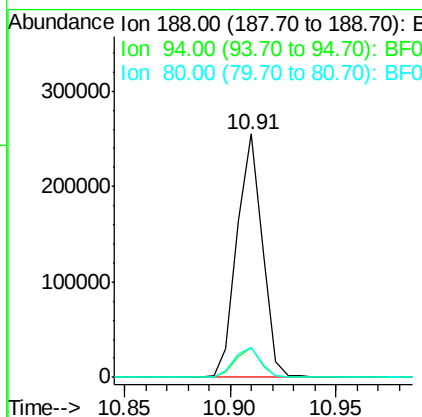
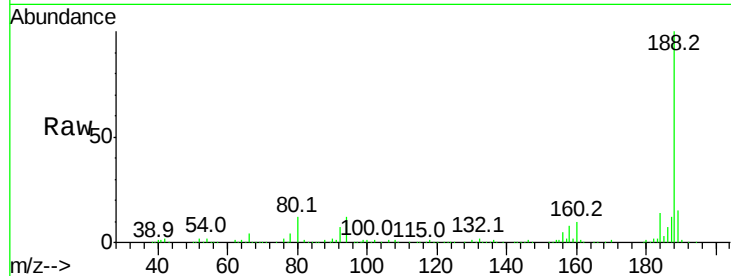
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

Tot Ion	Ratio	Resp	Lower	Upper
188	100	211014		
94	12.3		9.4	14.2
80	12.1		10.2	15.2

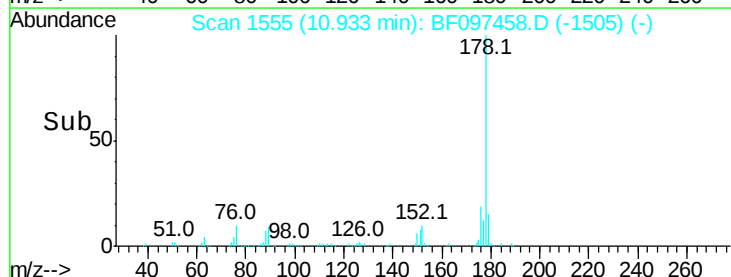
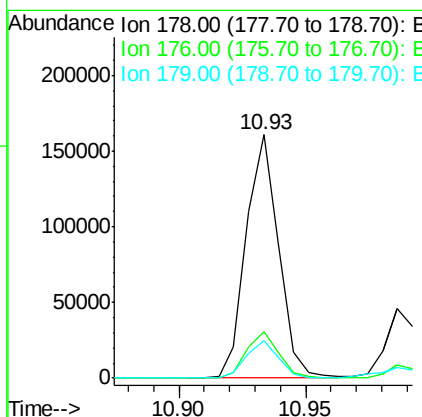
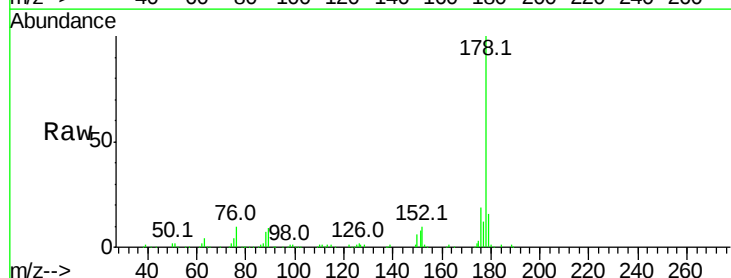
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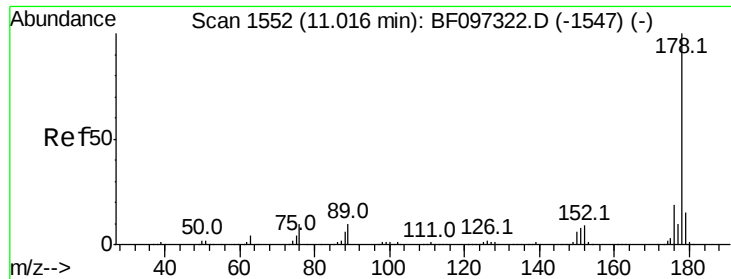
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#70
Phenanthrene
Concen: 12.657 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	143102		
176	19.3		16.2	24.4
179	15.7		12.6	19.0





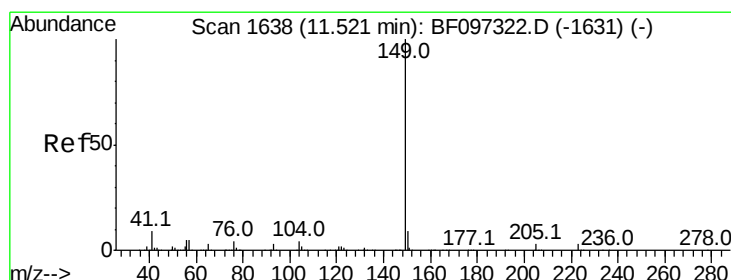
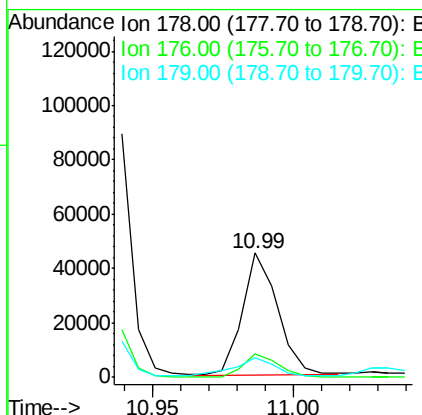
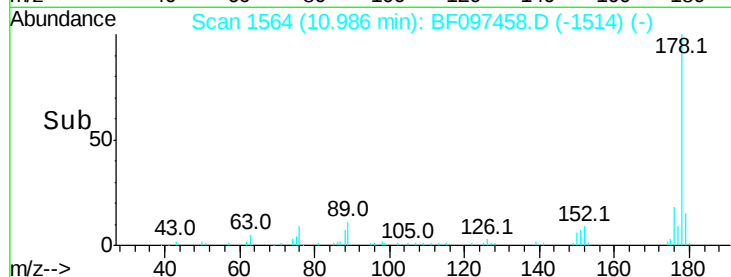
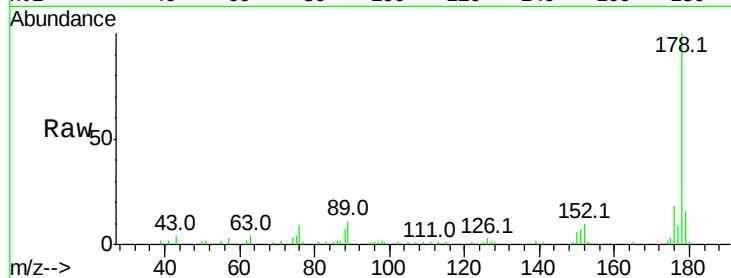
#71
 Anthracene
 Concen: 3.410 ng
 RT: 10.99 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF097458.D
 Acq: 8 Aug 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-M10-ESW

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.6	12.7	19.1

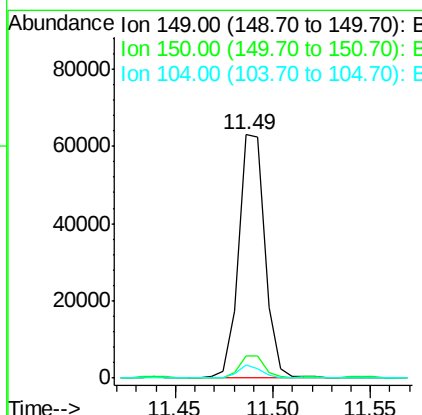
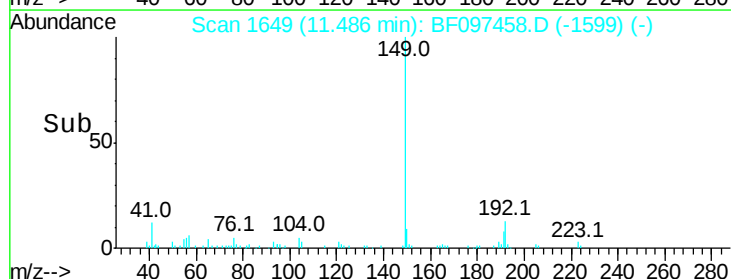
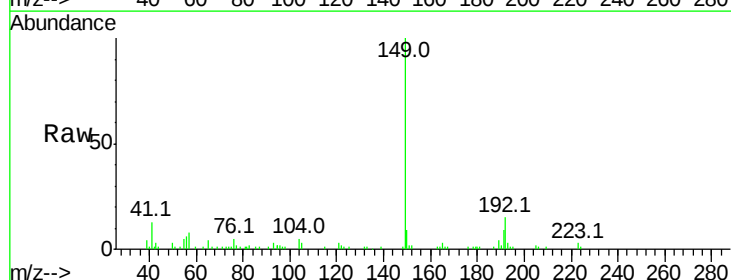
Manual Integrations
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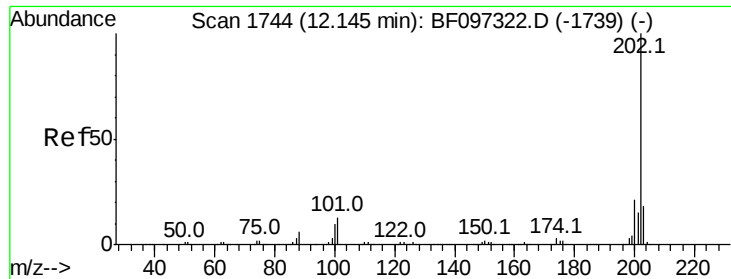
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#73
 Di-n-butylphthalate
 Concen: 4.188 ng
 RT: 11.49 min Scan# 1649
 Delta R.T. -0.01 min
 Lab File: BF097458.D
 Acq: 8 Aug 2017 5:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.2	4.0	6.0





#74

Fluoranthene

Concen: 17.867 ng

RT: 12.12 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BF097458.D

Acq: 8 Aug 2017 5:32

Instrument :

BNA_F

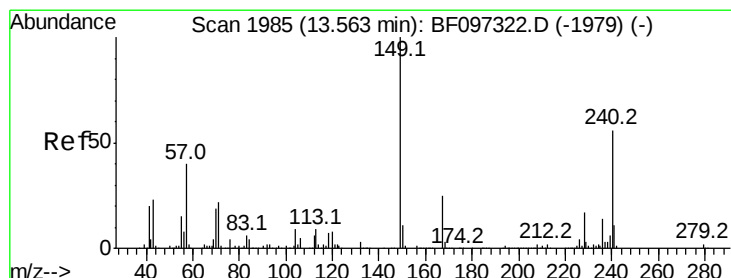
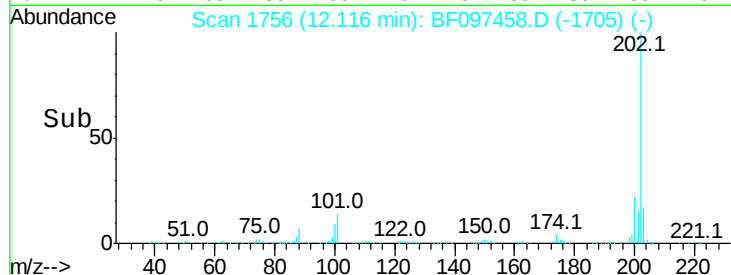
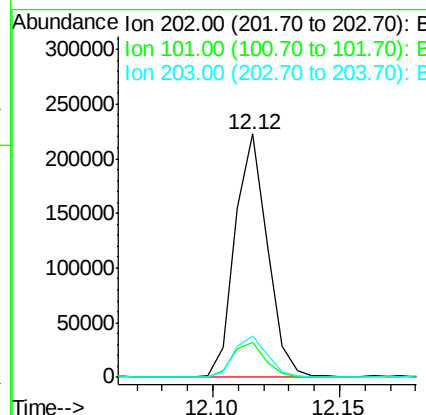
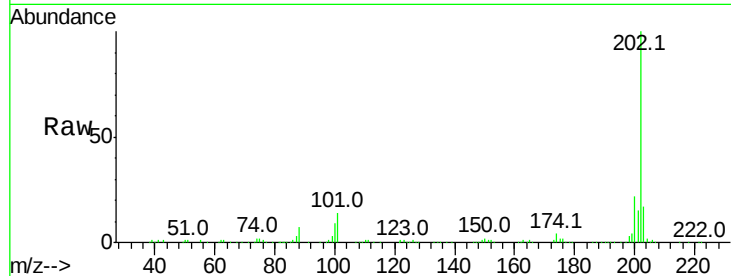
ClientSampleId :

E2-M10-ESW

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.5	0.0	33.2
203	16.9	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

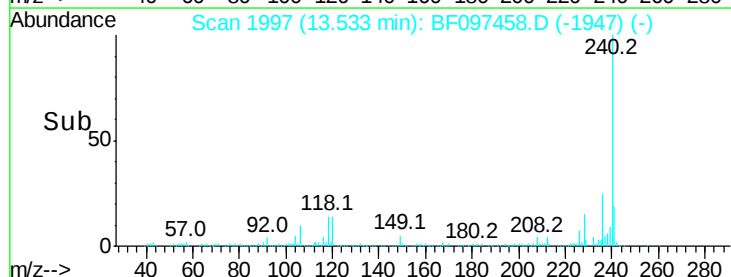
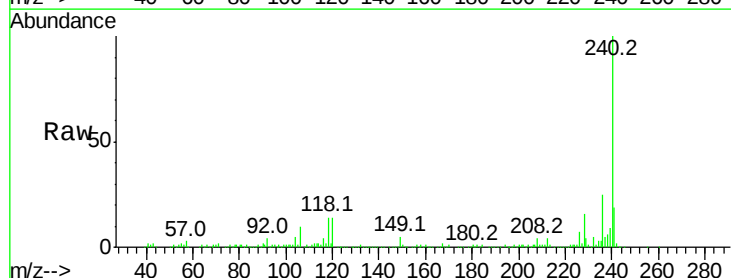
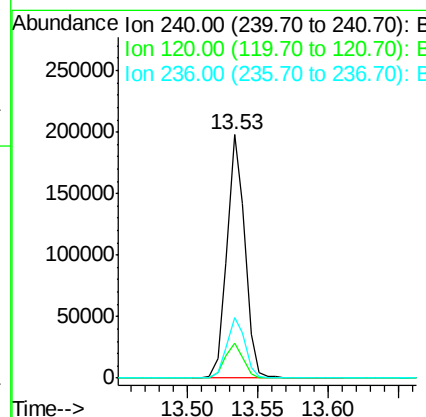
RT: 13.53 min Scan# 1997

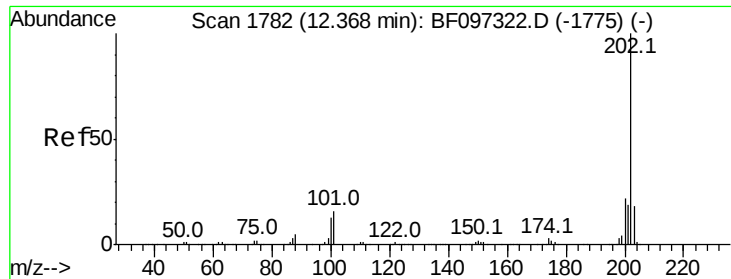
Delta R.T. -0.01 min

Lab File: BF097458.D

Acq: 8 Aug 2017 5:32

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	24.9	20.5	30.7





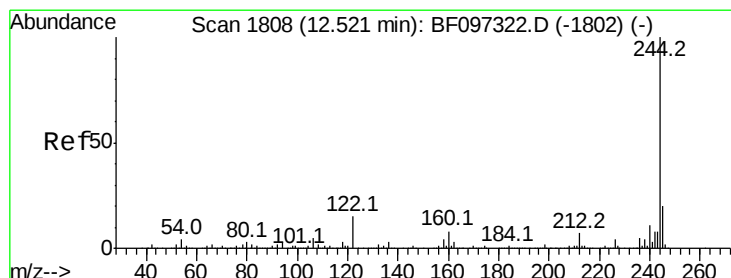
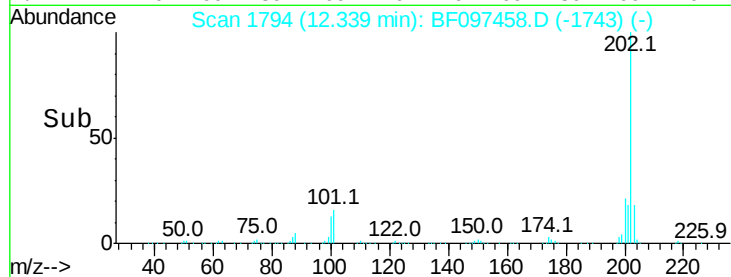
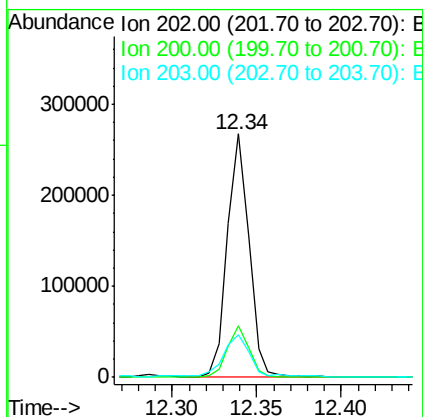
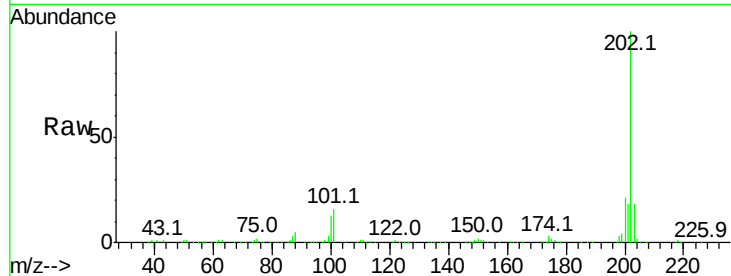
#77
Pvrene
Concen: 16.726 ng
RT: 12.34 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.7	14.4	21.6

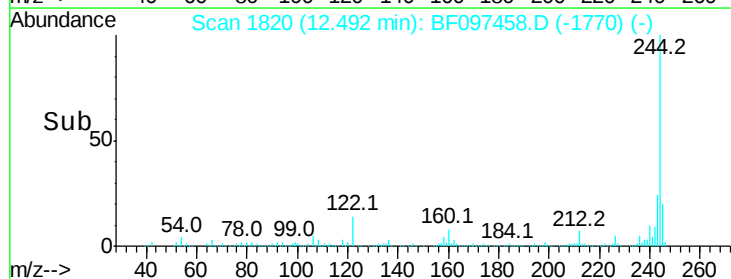
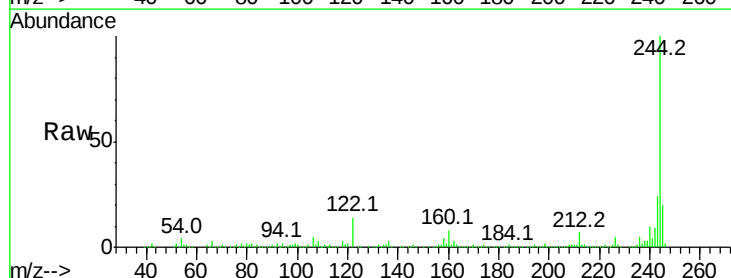
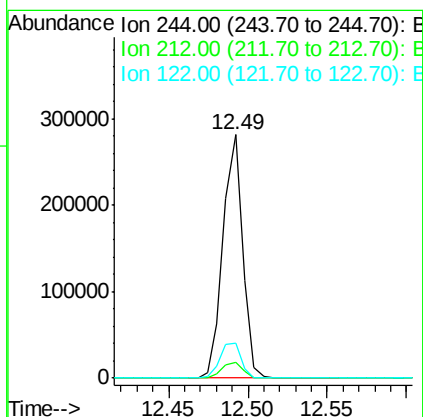
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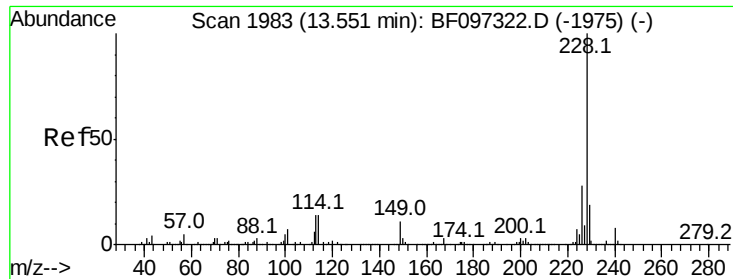
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#78
Terphenyl-d14
Concen: 28.361 ng
RT: 12.49 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.4	10.3	15.5





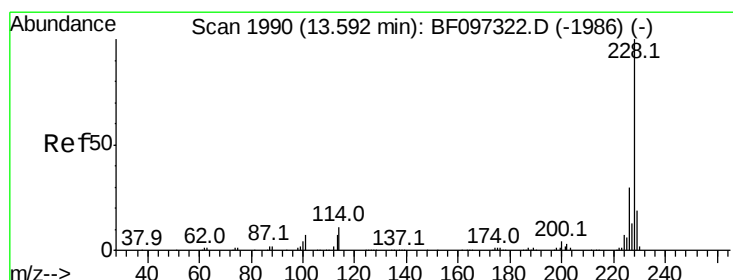
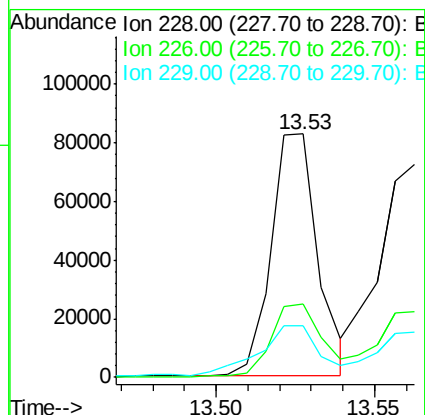
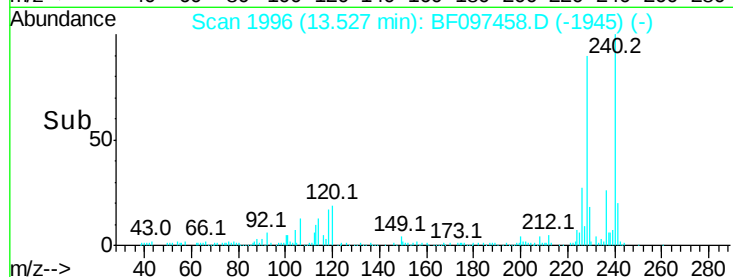
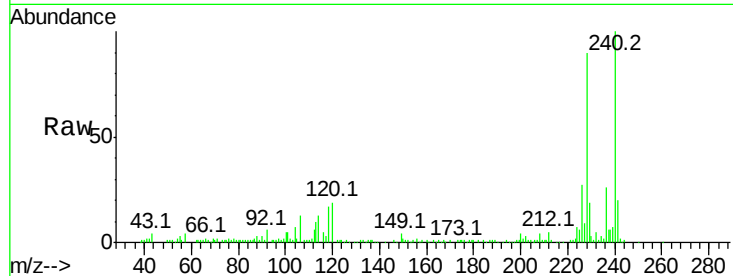
#80
Benzo(a)anthracene
Concen: 7.520 ng
RT: 13.53 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

Tot Ion:228	Resp:	85080
Ion Ratio	Lower	Upper
228 100		
226 30.3	22.6	33.8
229 21.0	16.3	24.5

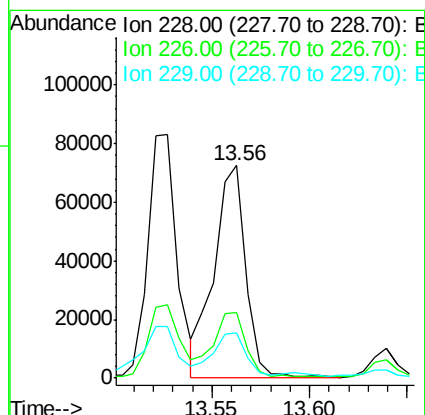
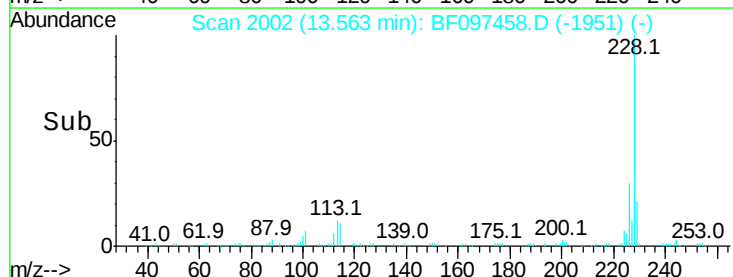
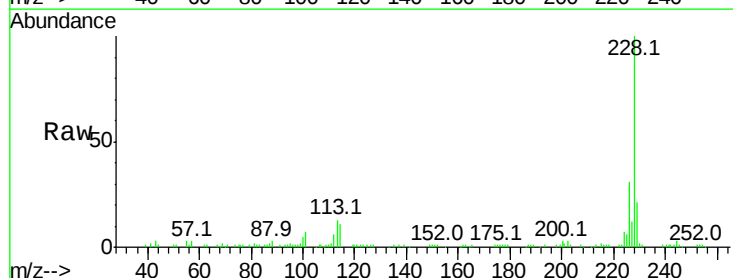
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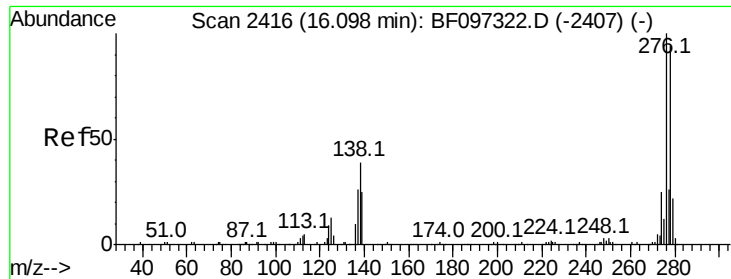
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#82
Chrysene
Concen: 7.341 ng
RT: 13.56 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Tgt Ion:228	Resp:	81099
Ion Ratio	Lower	Upper
228 100		
226 30.7	24.9	37.3
229 21.4	15.8	23.6





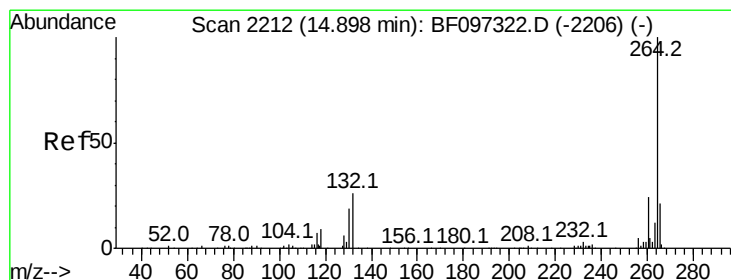
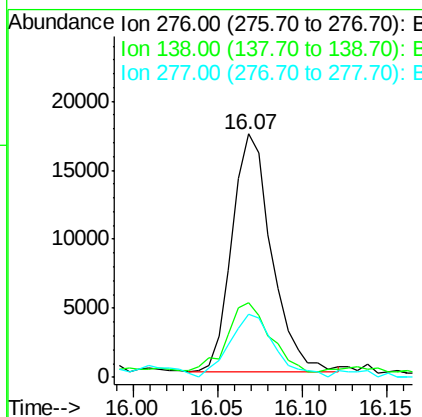
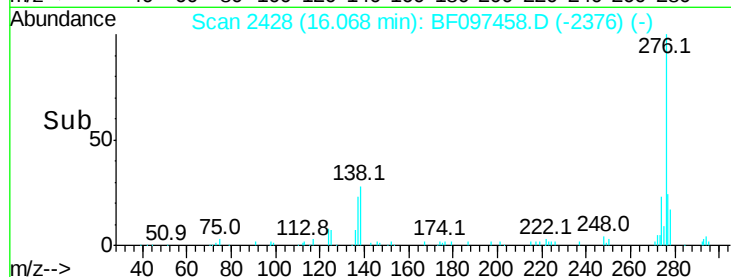
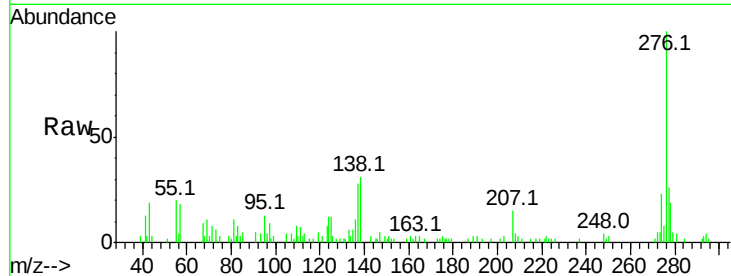
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.998 ng
RT: 16.07 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.0	27.8	41.6
277	29.6	20.2	30.4

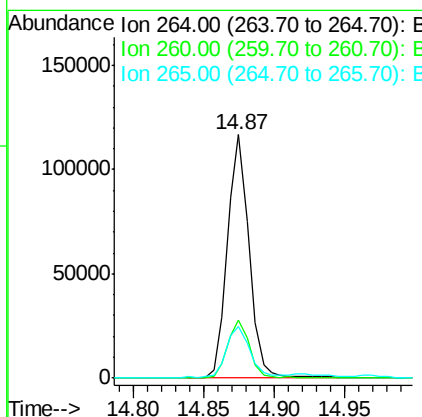
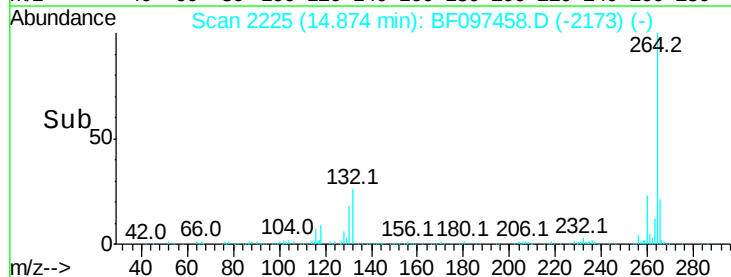
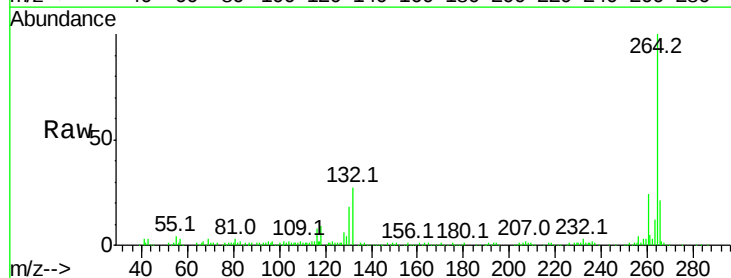
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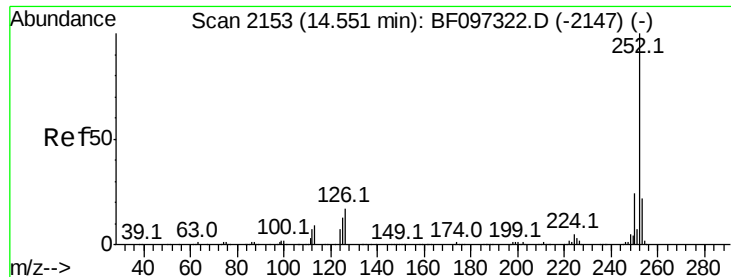
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#86
Perylene-d12
Concen: 20.000 ng
RT: 14.87 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.0	17.2	25.8





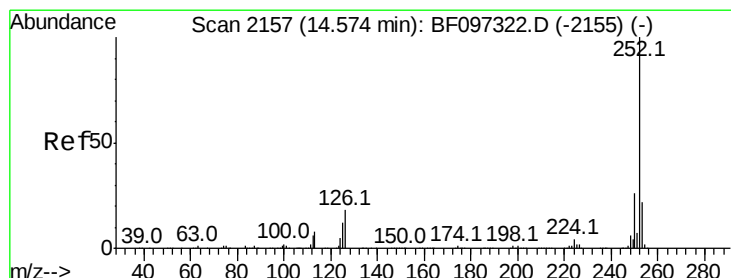
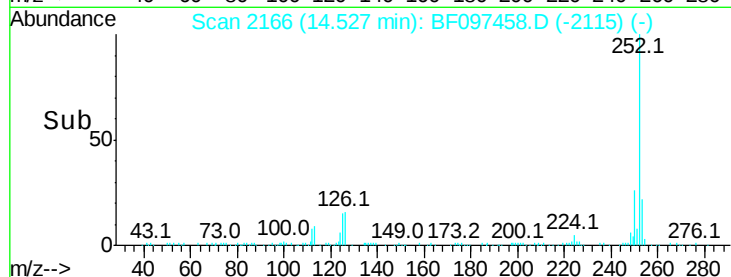
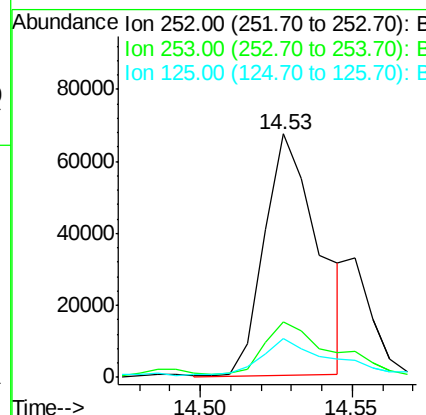
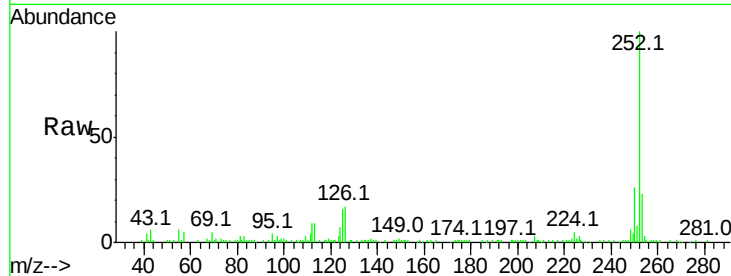
#87
Benzo(b)fluoranthene
Concen: 11.088 ng m
RT: 14.53 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	16.0	9.8	14.8

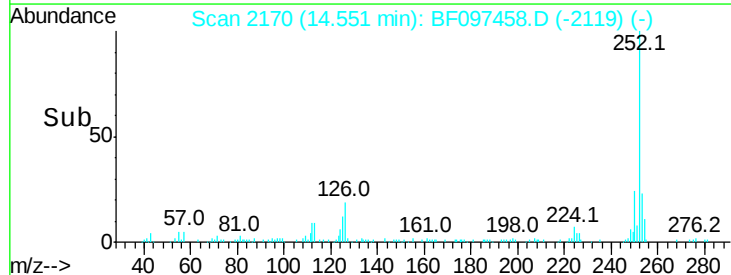
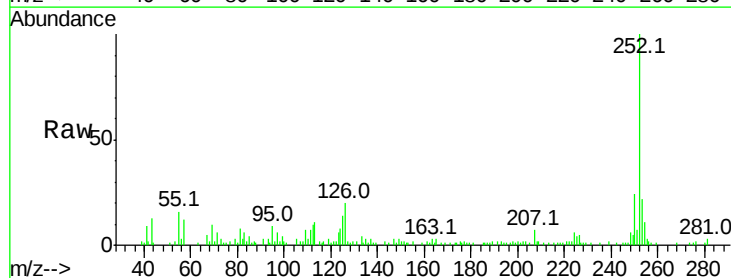
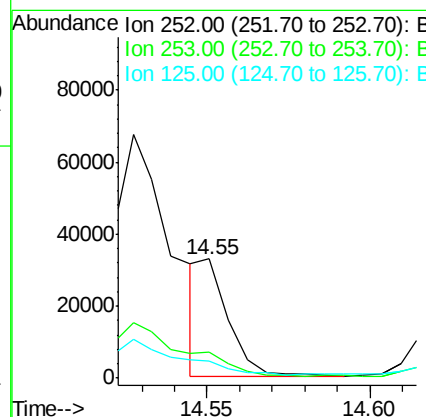
Manual Integrations
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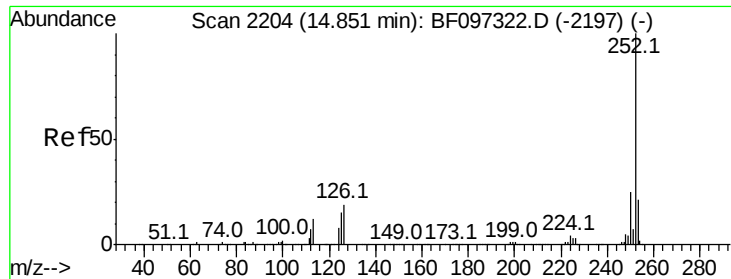
Sohil
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#88
Benzo(k)fluoranthene
Concen: 2.755 ng m
RT: 14.55 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	14.2	13.1	19.7





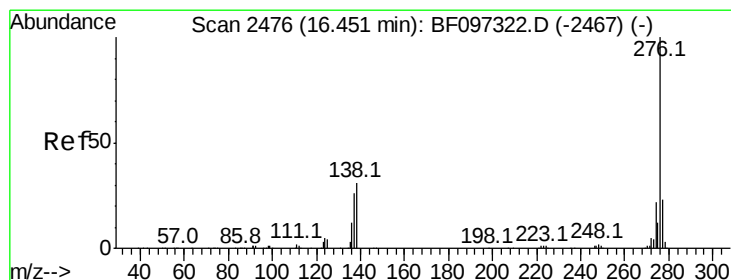
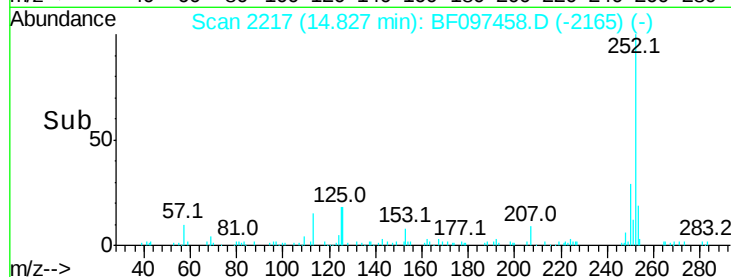
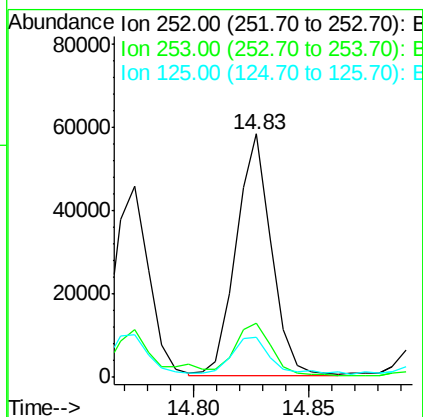
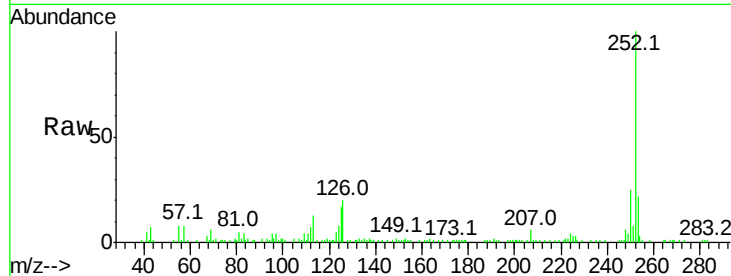
#89
Benzo(a)pyrene
Concen: 8.949 ng
RT: 14.83 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	16.6	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 6.162 ng
RT: 16.42 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.5	18.6	28.0
138	33.4	25.4	38.0

