

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097314.D
 Acq On : 3 Aug 2017 11:58
 Operator : SJ/JU
 Sample : I4527-02
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-NSW

Manual Integrations
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Quant Time: Aug 03 13:26:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 03 12:06:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	110777	20.00	ng	0.00
21) Naphthalene-d8	7.73	136	456709	20.00	ng	0.00
38) Acenaphthene-d10	9.47	164	194664	20.00	ng	0.00
63) Phenanthrene-d10	10.95	188	305760	20.00	ng	0.00
75) Chrysene-d12	13.57	240	214097	20.00	ng	-0.01
86) Perylene-d12	14.92	264	176393	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	662451	90.15	ng	0.00
7) Phenol-d6	6.12	99	824139	98.24	ng	0.00
23) Nitrobenzene-d5	7.02	82	462507	59.41	ng	0.00
41) 2,4,6-Tribromophenol	10.26	330	139923	90.98	ng	-0.01
44) 2-Fluorobiphenyl	8.81	172	711325	62.01	ng	0.00
78) Terphenyl-d14	12.53	244	474174	45.16	ng	0.00
Target Compounds						
10) Phenol	6.13	94	40297	4.050	ng	Qvalue # 74
31) Naphthalene	7.75	128	115100	5.346	ng	100
49) Dimethylphthalate	9.21	163	151363	10.239	ng	98
51) Acenaphthene	9.51	154	22324	2.018	ng	97
70) Phenanthrene	10.97	178	154866	9.453	ng	98
71) Anthracene	11.03	178	34031	2.028	ng	98
74) Fluoranthene	12.15	202	119907	7.471	ng	98
77) Pyrene	12.37	202	95760	5.463	ng	98
80) Benzo(a)anthracene	13.56	228	39514	2.852	ng	98
82) Chrysene	13.60	228	43674	3.229	ng	98
87) Benzo(b)fluoranthene	14.56	252	39337m	3.710	ng	
89) Benzo(a)pyrene	14.86	252	28564	2.943	ng	# 95

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

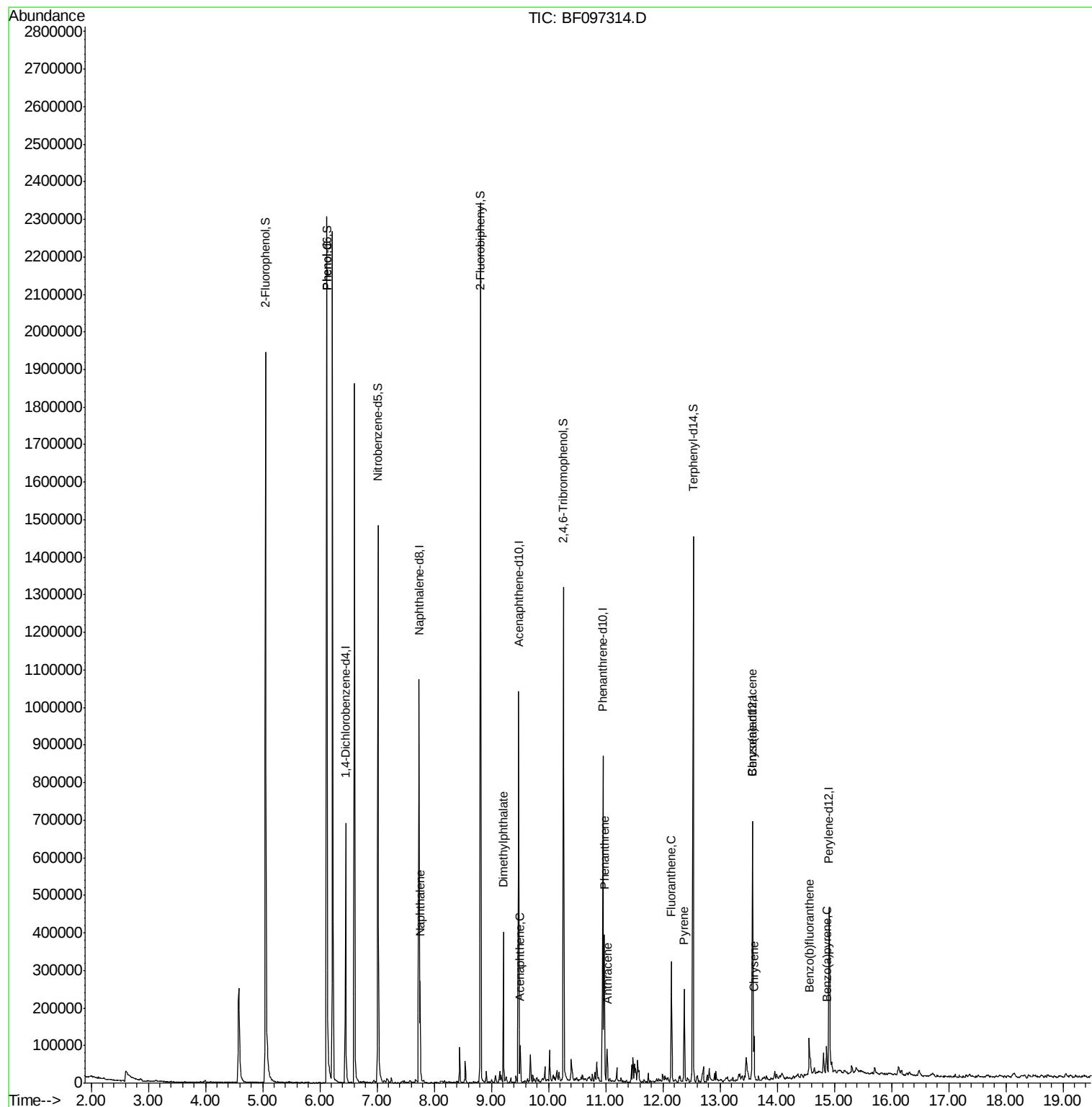
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097314.D
Acq On : 3 Aug 2017 11:58
Operator : SJ/JU
Sample : I4527-02
Misc :
ALS Vial : 43 Sample Multiplier: 1

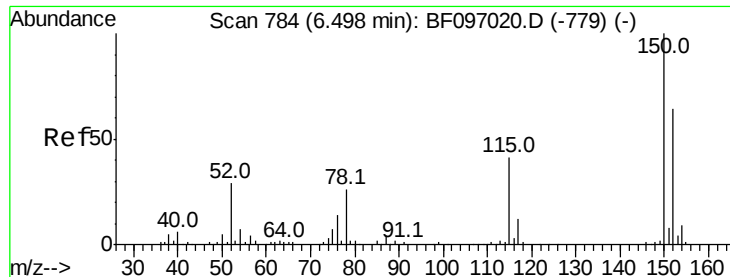
Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

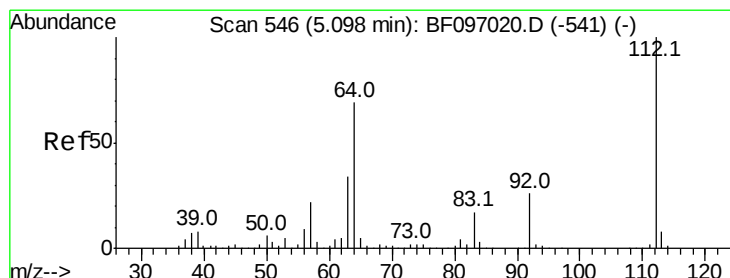
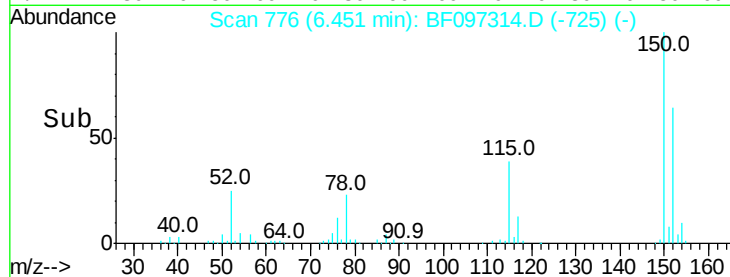
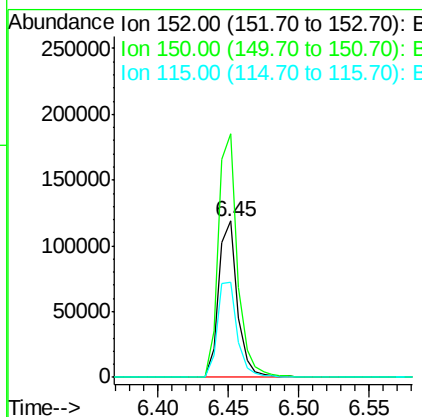
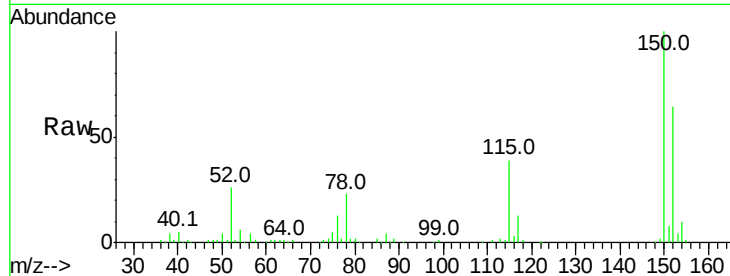
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF097314.D
Acq: 3 Aug 2017 11:58

Instrument :
BNA_F
ClientSampleId :
E2-HS7-NSW

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.2	189.2
115	60.8	52.2	78.2

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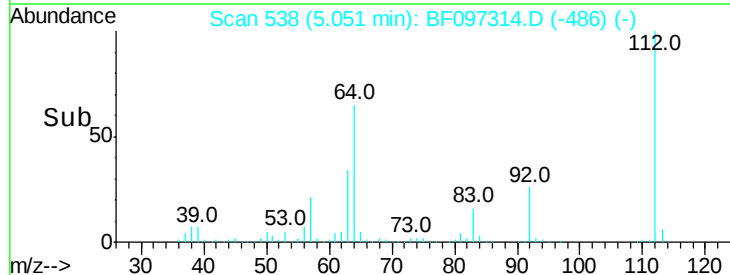
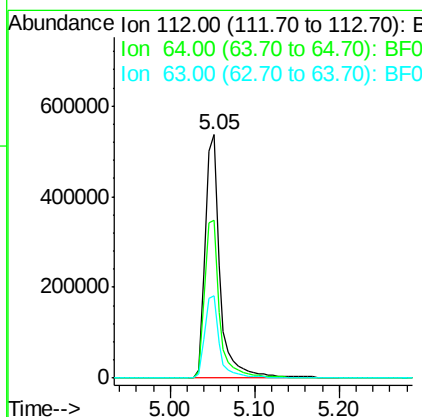
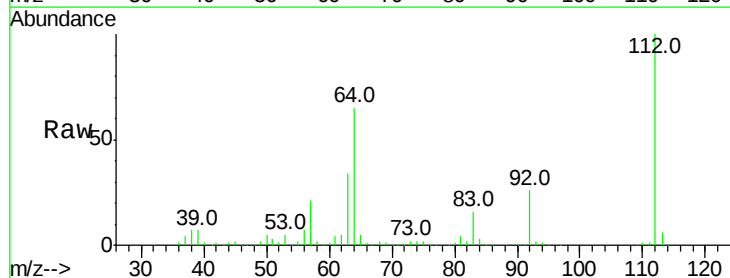
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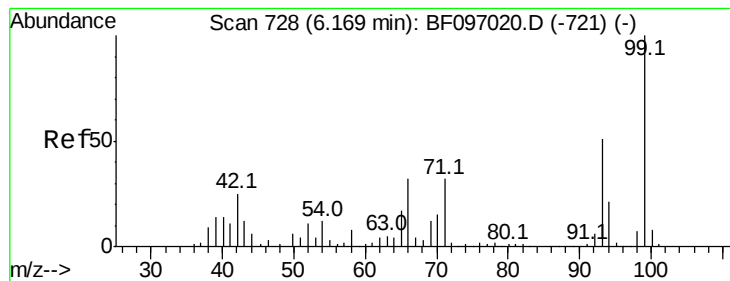


#5

2-Fluorophenol
Concen: 90.148 ng
RT: 5.05 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF097314.D
Acq: 3 Aug 2017 11:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	46.0	69.0
63	33.9	23.4	35.0





#7

Phenol-d6

Concen: 98.239 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF097314.D

Acq: 3 Aug 2017 11:58

Instrument :

BNA_F

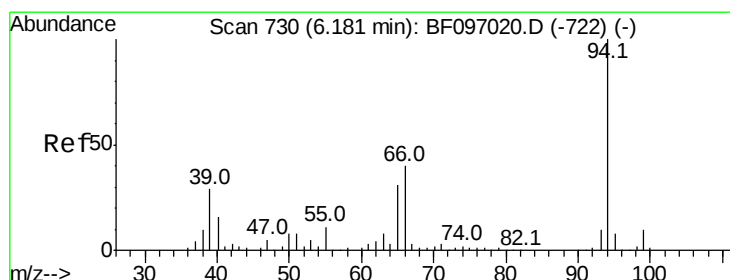
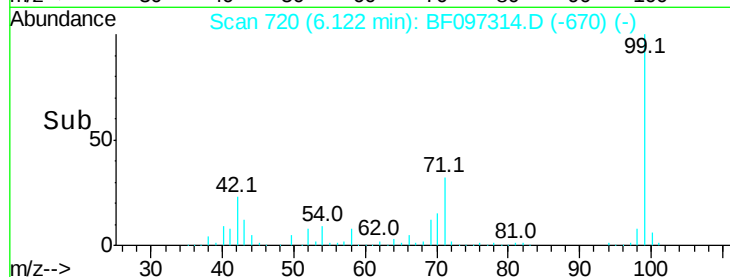
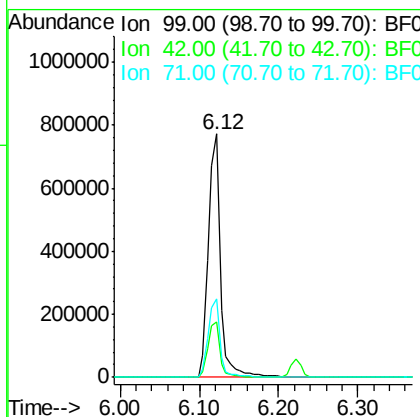
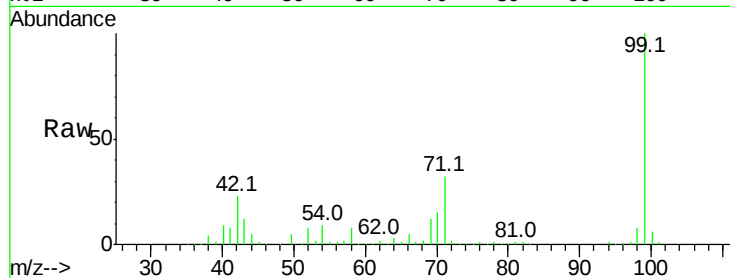
ClientSampled :

E2-HS7-NSW

Tot Ion:	99	Resp:	824139
Ion Ratio	Lower	Upper	
99	100		
42	22.7	13.5	20.3#
71	32.3	24.5	36.7

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#10

Phenol

Concen: 4.050 ng

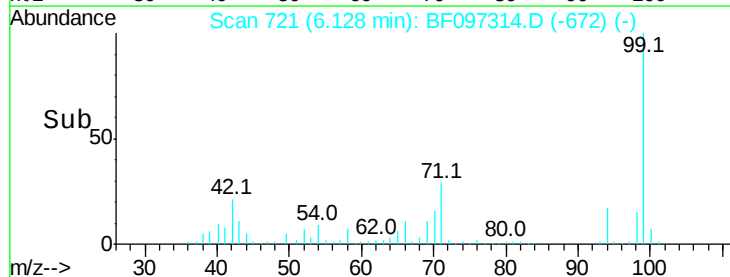
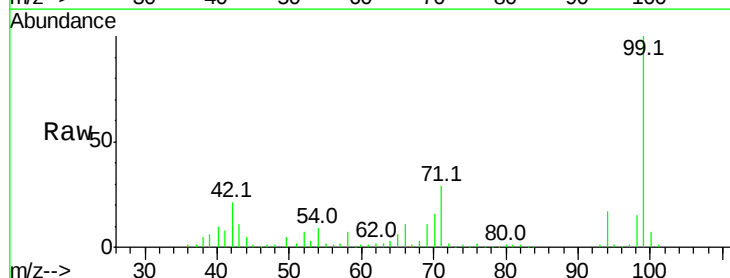
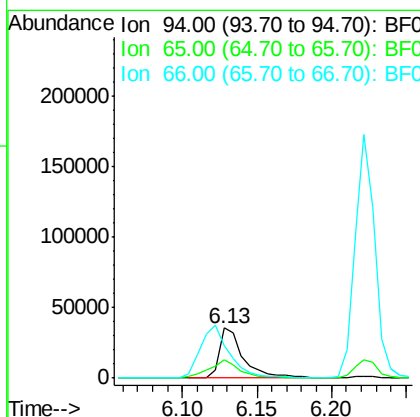
RT: 6.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF097314.D

Acq: 3 Aug 2017 11:58

Tgt Ion:	94	Resp:	40297
Ion Ratio	Lower	Upper	
94	100		
65	37.8	9.9	49.9
66	65.0	23.1	63.1#





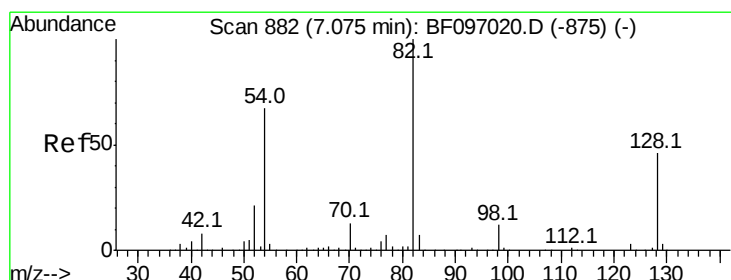
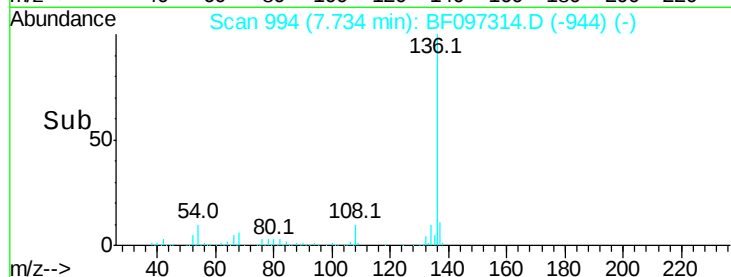
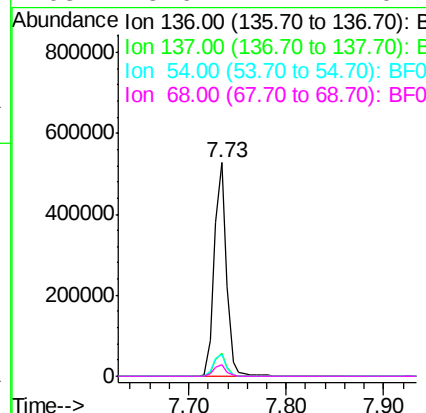
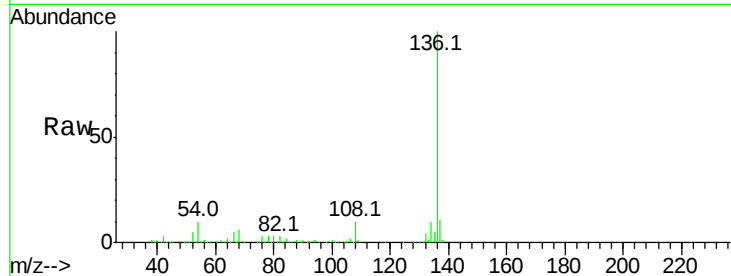
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF097314.D
Acq: 3 Aug 2017 11:58

Instrument :
BNA_F
ClientSampleId :
E2-HS7-NSW

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.5	12.7	
54	10.2	4.9	7.3#	
68	5.6	4.1	6.1	

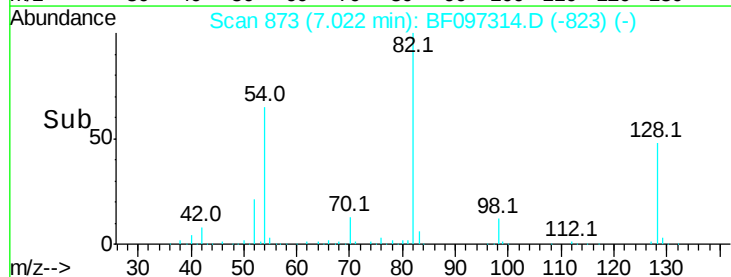
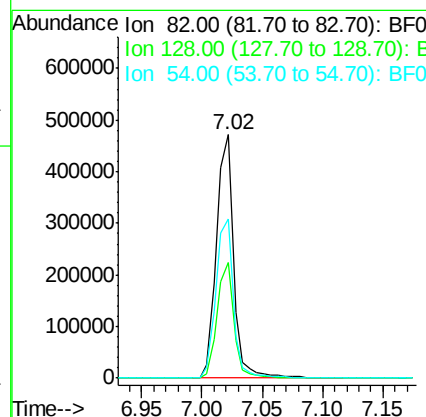
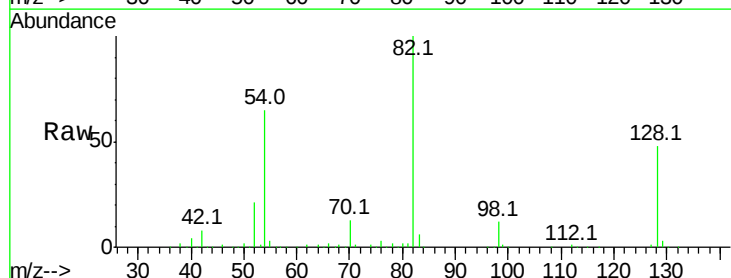
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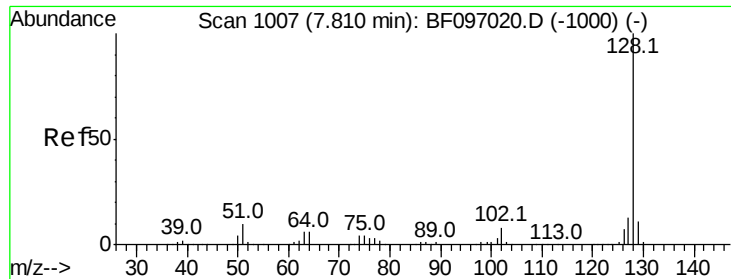
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#23
Nitrobenzene-d5
Concen: 59.409 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF097314.D
Acq: 3 Aug 2017 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.7	34.0	51.0	
54	65.4	42.2	63.2#	





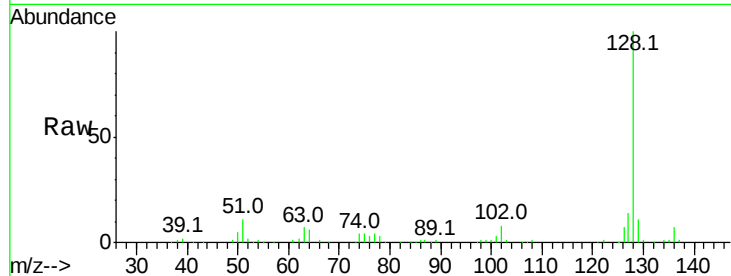
#31
Naphthalene
Concen: 5.346 ng
RT: 7.75 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF097314.D
Acq: 3 Aug 2017 11:58

Instrument :
BNA_F
ClientSampleId :
E2-HS7-NSW

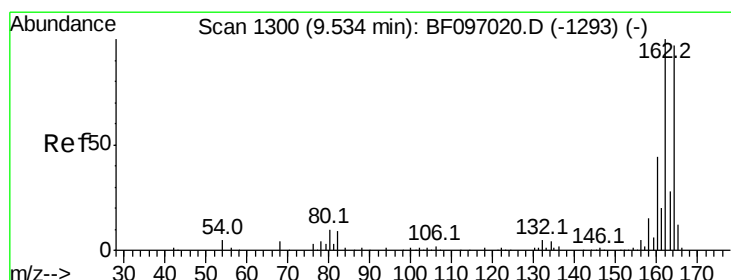
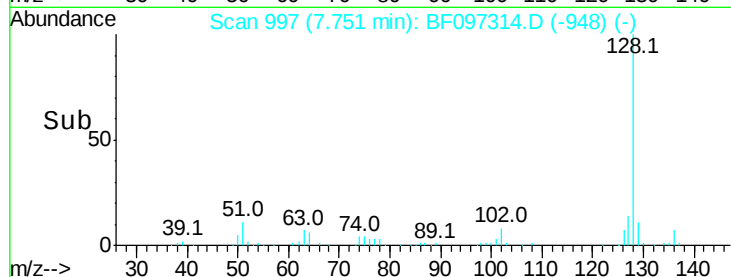
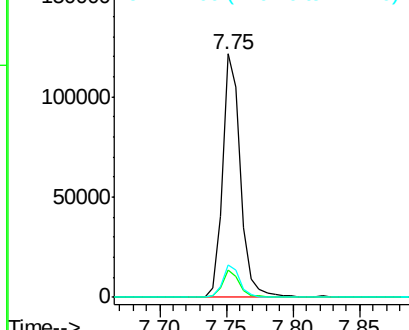
Tot Ion:128	Resp:	115100
Ion Ratio	Lower	Upper
128 100		
129 11.3	9.0	13.6
127 13.6	10.8	16.2

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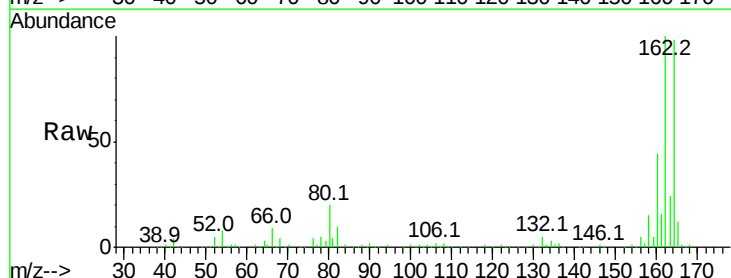


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

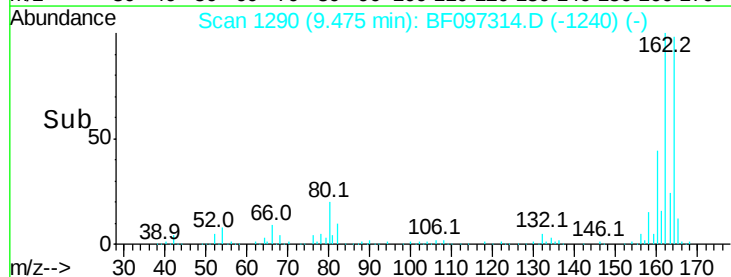
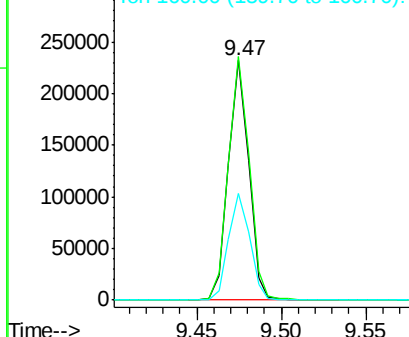


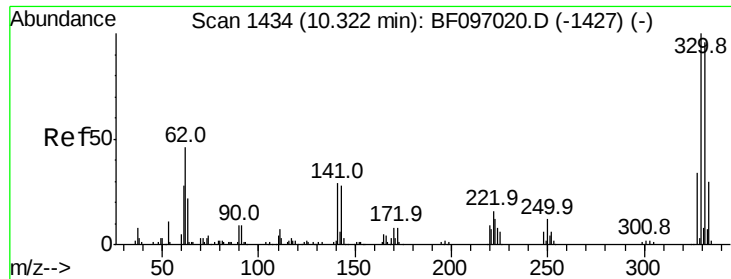
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF097314.D
Acq: 3 Aug 2017 11:58

Tgt Ion:164	Resp:	194664
Ion Ratio	Lower	Upper
164 100		
162 101.7	82.6	123.8
160 44.5	36.2	54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 90.975 ng

RT: 10.26 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF097314.D

Acq: 3 Aug 2017 11:58

Instrument :

BNA_F

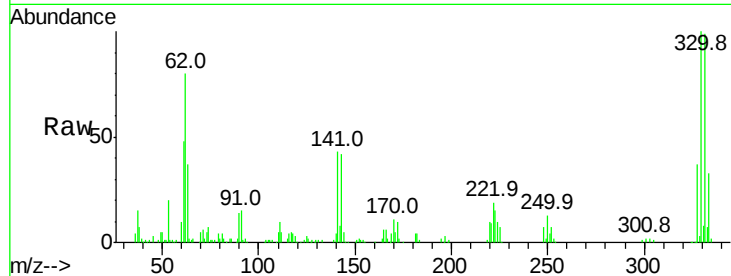
ClientSampleId :

E2-HS7-NSW

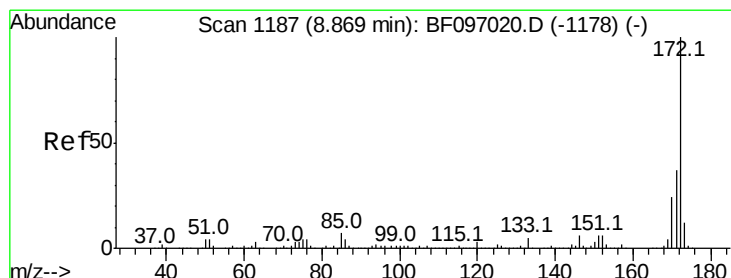
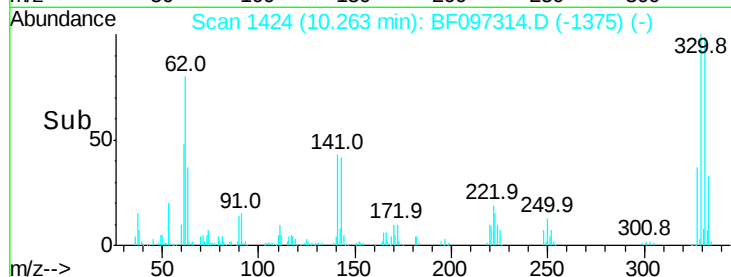
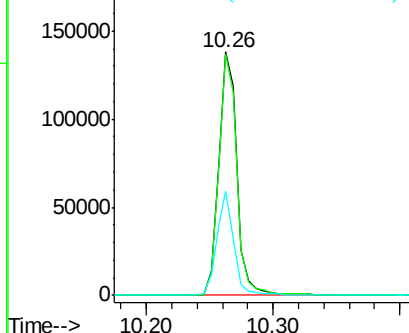
Tot Ion:	330	Resp:	139923
Ion Ratio	Lower	Upper	
330	100		
332	98.0	76.6	115.0
141	40.1	31.4	47.2

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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: 62.014 ng

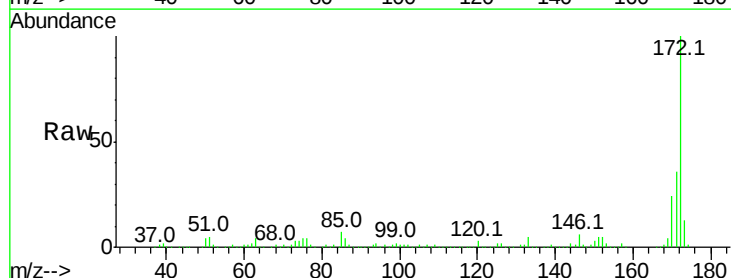
RT: 8.81 min Scan# 1177

Delta R.T. -0.01 min

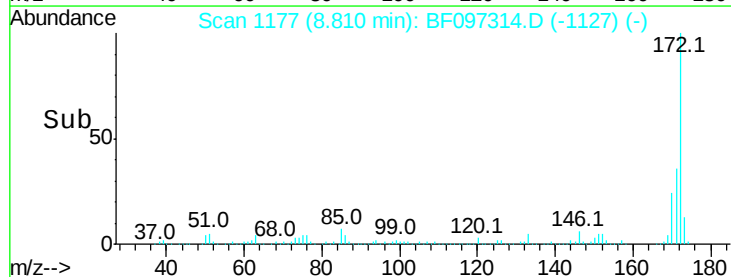
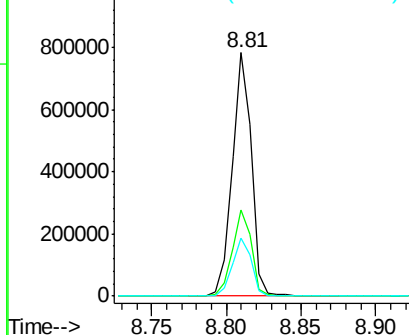
Lab File: BF097314.D

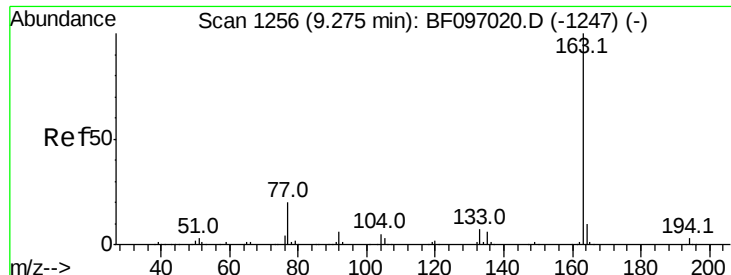
Acq: 3 Aug 2017 11:58

Tgt Ion:	172	Resp:	711325
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.6	44.4
170	23.8	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





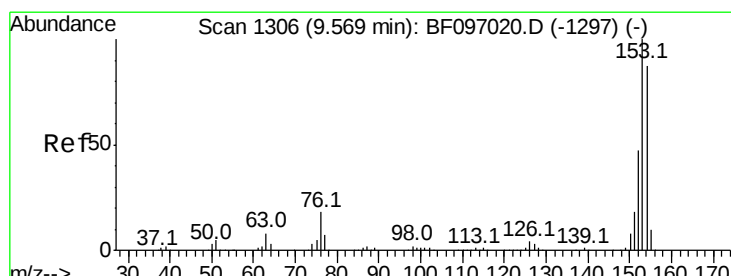
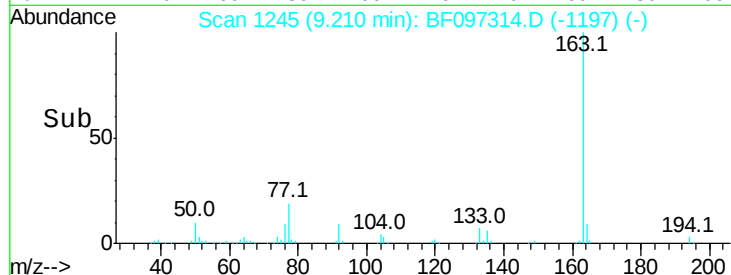
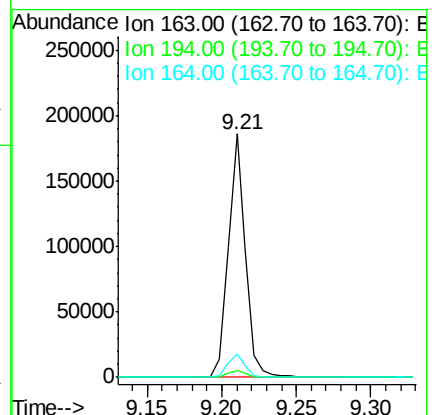
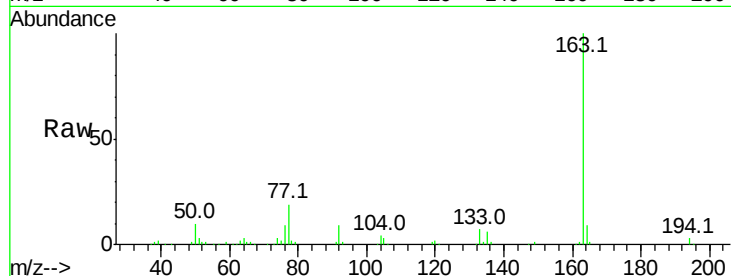
#49
Dimethylphthalate
Concen: 10.239 ng
RT: 9.21 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF097314.D
Acq: 3 Aug 2017 11:58

Instrument :
BNA_F
ClientSampleId :
E2-HS7-NSW

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.1	2.6	4.0	
164	9.4	8.4	12.6	

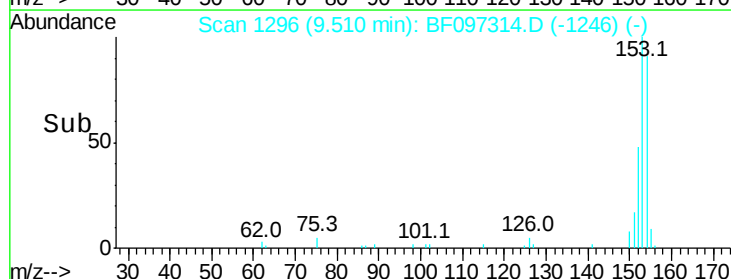
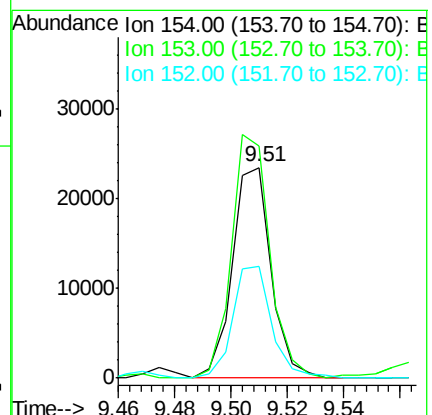
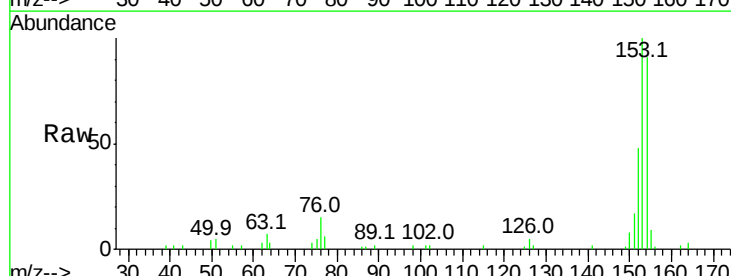
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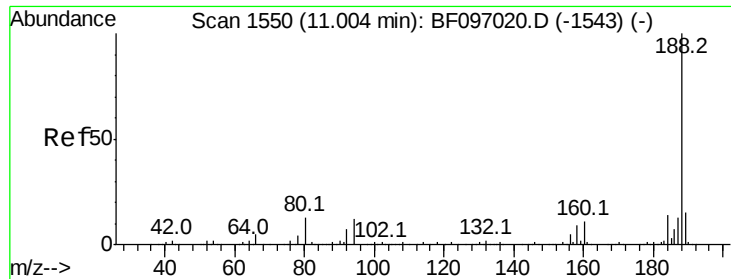
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#51
Acenaphthene
Concen: 2.018 ng
RT: 9.51 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF097314.D
Acq: 3 Aug 2017 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	110.0	90.5	135.7	
152	53.2	43.6	65.4	





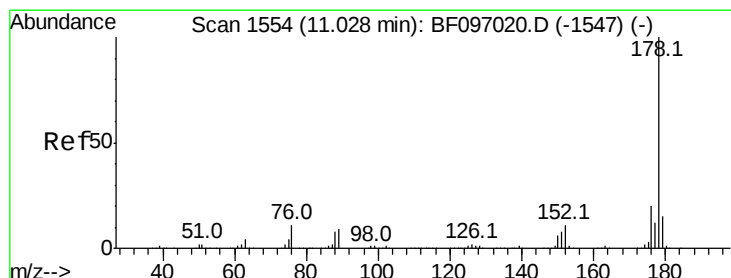
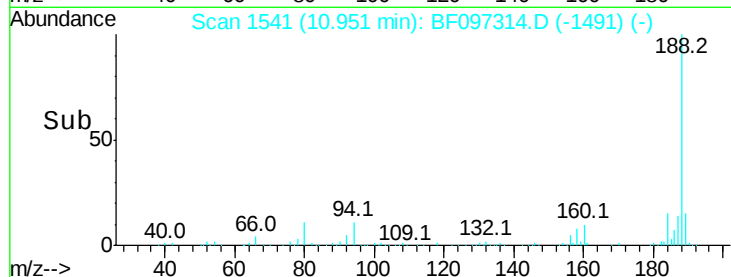
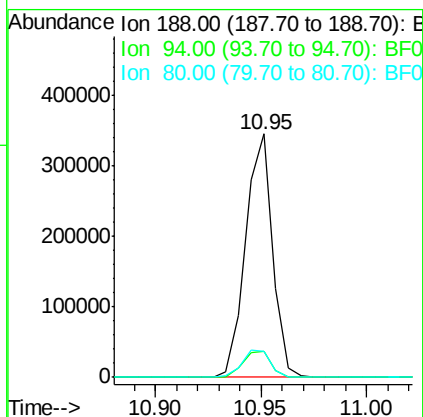
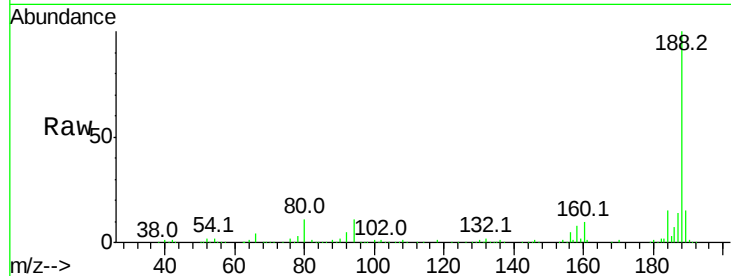
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.95 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF097314.D
Acq: 3 Aug 2017 11:58

Instrument :
BNA_F
ClientSampleId :
E2-HS7-NSW

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.8	9.4	14.2	
80	10.7	10.2	15.2	

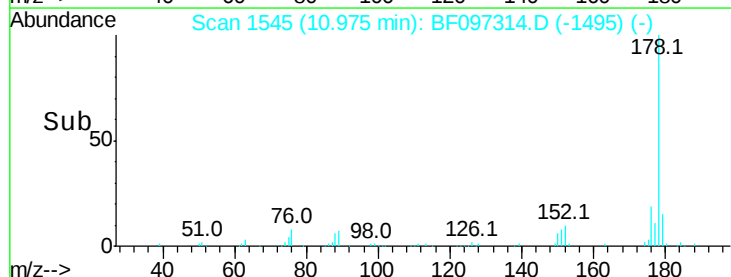
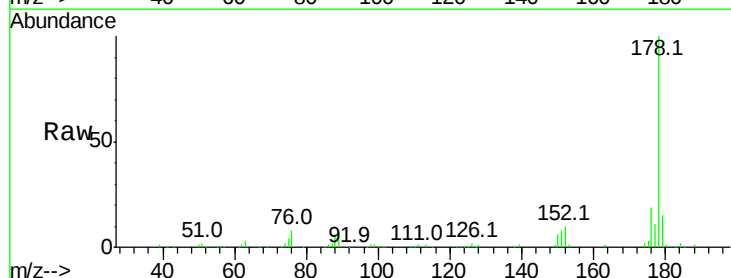
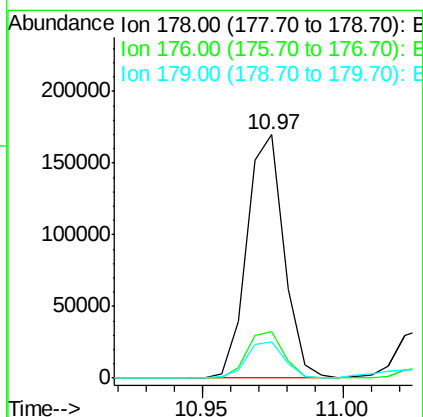
Manual Integrations
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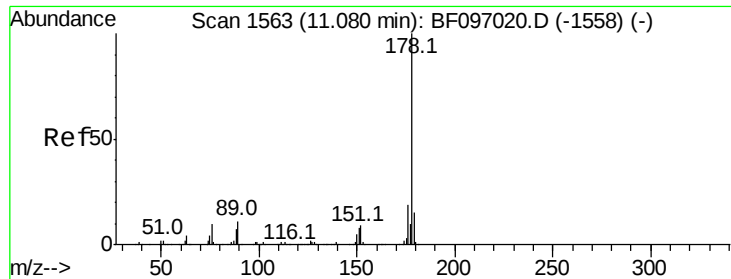
Sohil
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#70
Phenanthrene
Concen: 9.453 ng
RT: 10.97 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF097314.D
Acq: 3 Aug 2017 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.2	16.2	24.4	
179	14.9	12.6	19.0	





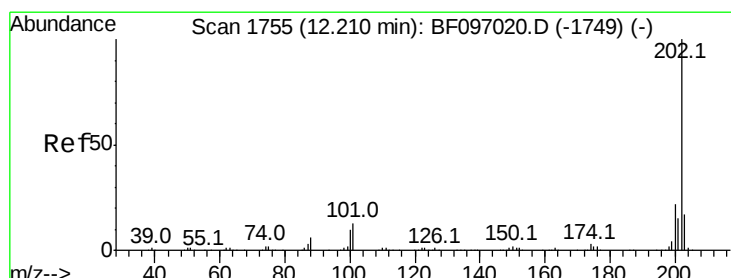
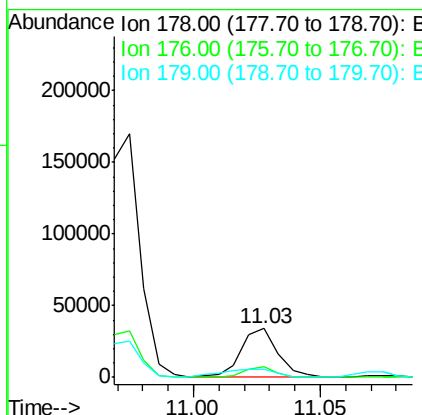
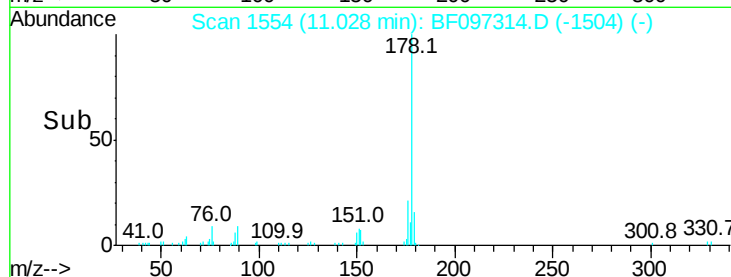
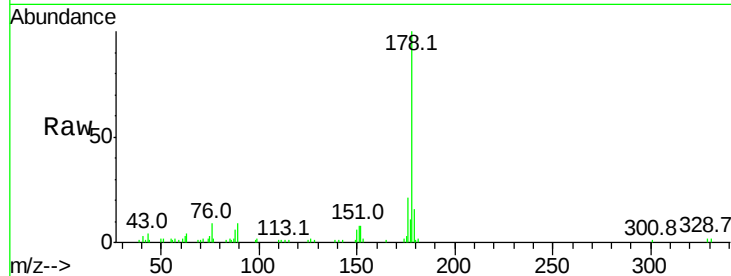
#71
 Anthracene
 Concen: 2.028 ng
 RT: 11.03 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF097314.D
 Acq: 3 Aug 2017 11:58

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-NSW

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.2	15.8	23.8
179	16.4	12.7	19.1

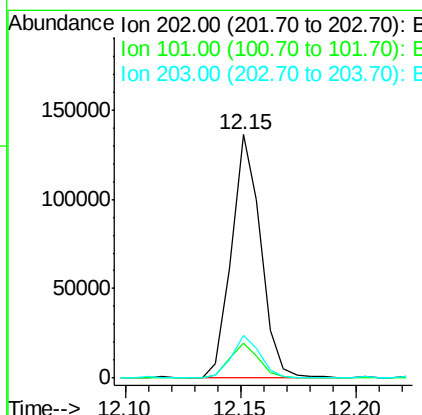
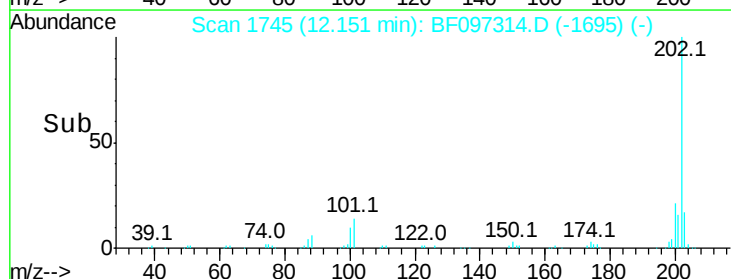
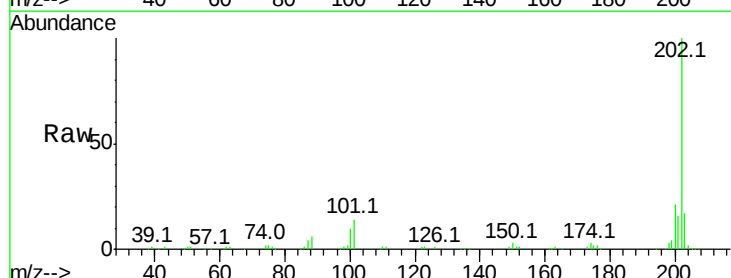
Manual Integrations
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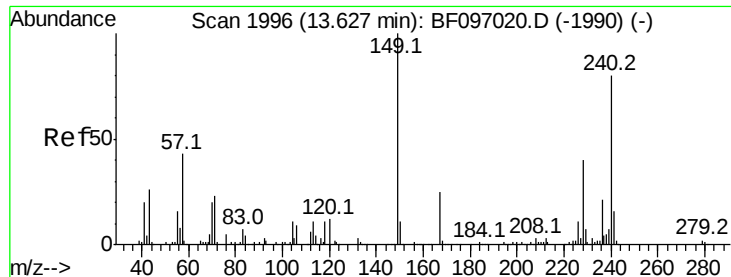
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#74
 Fluoranthene
 Concen: 7.471 ng
 RT: 12.15 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BF097314.D
 Acq: 3 Aug 2017 11:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.57 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF097314.D

Acq: 3 Aug 2017 11:58

Instrument :

BNA_F

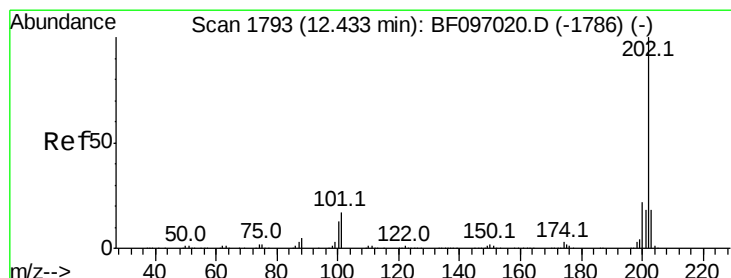
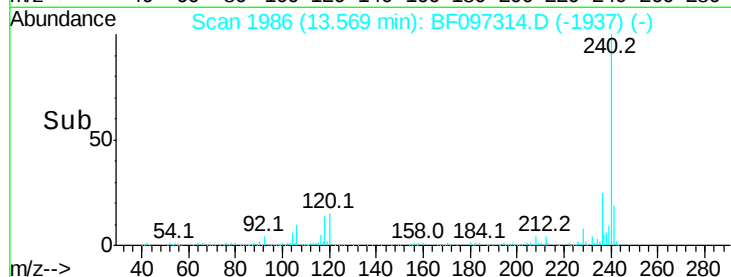
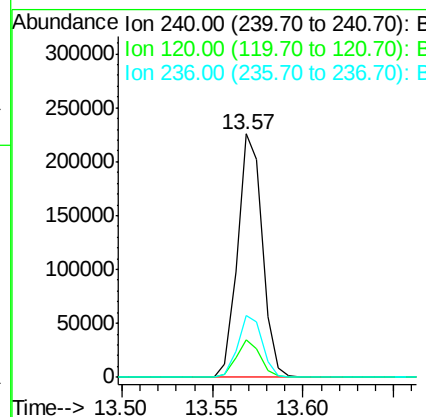
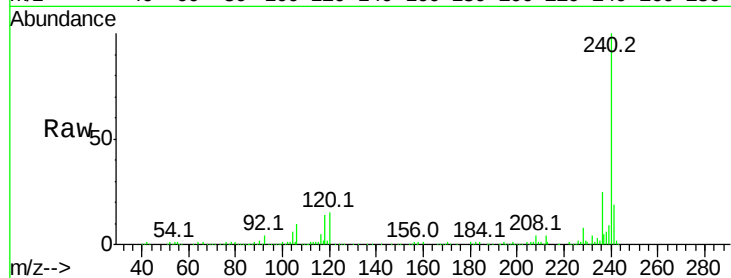
ClientSampleId :

E2-HS7-NSW

Tot Ion:	240	Resp:	214097
Ion Ratio	Lower	Upper	
240	100		
120	15.3	5.8	8.8#
236	25.2	20.5	30.7

Manual Integrations
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#77

Pyrene

Concen: 5.463 ng

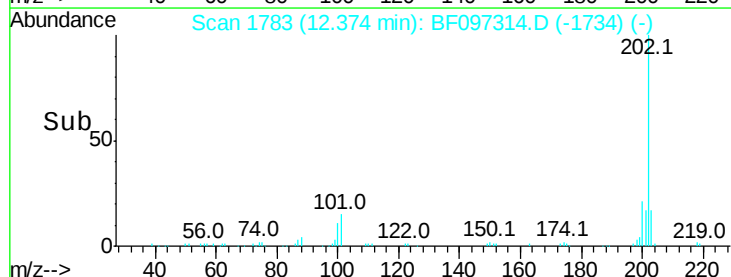
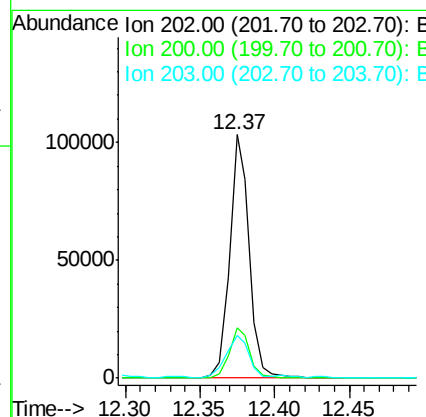
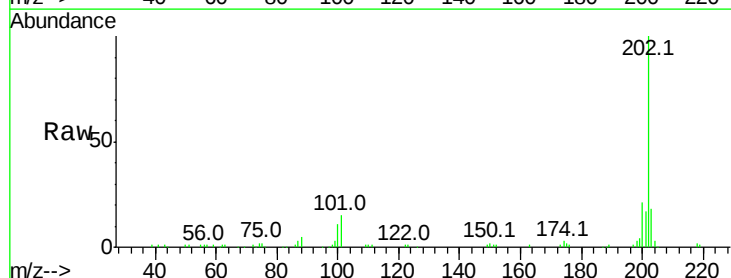
RT: 12.37 min Scan# 1783

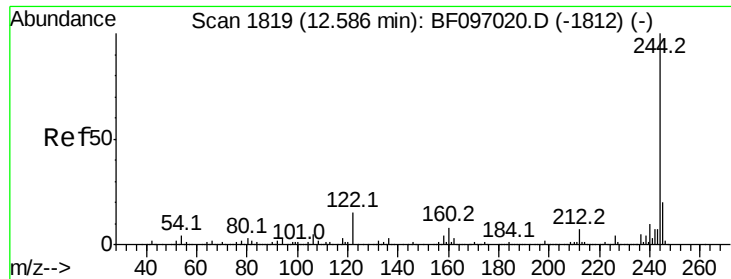
Delta R.T. -0.01 min

Lab File: BF097314.D

Acq: 3 Aug 2017 11:58

Tgt Ion:	202	Resp:	95760
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.6	26.4
203	17.7	14.4	21.6





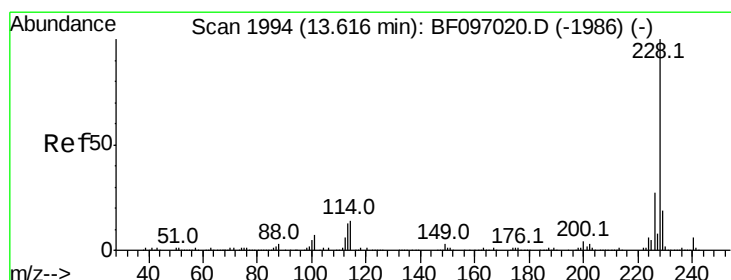
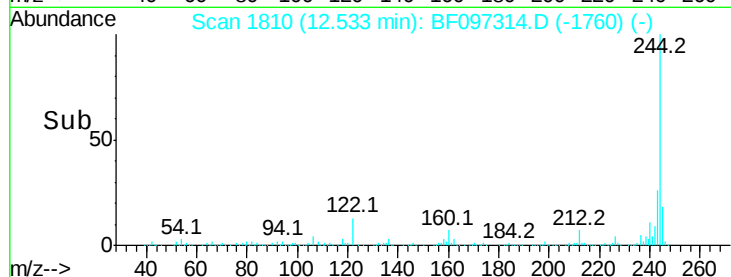
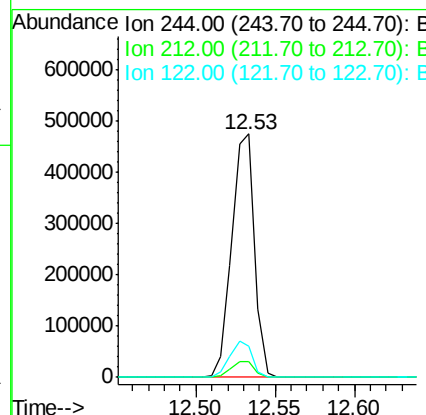
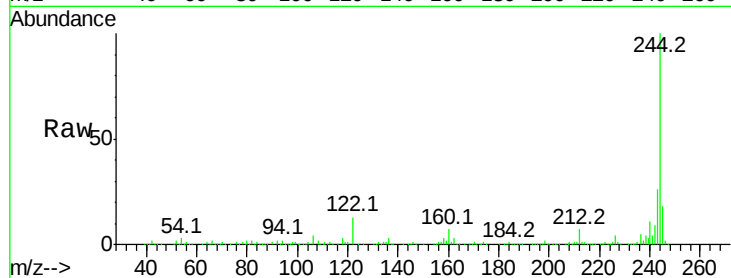
#78
 Terphenyl-d14
 Concen: 45.156 ng
 RT: 12.53 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF097314.D
 Acq: 3 Aug 2017 11:58

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-NSW

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	12.8	10.3	15.5

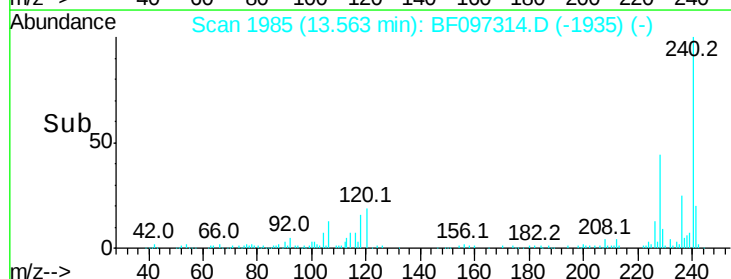
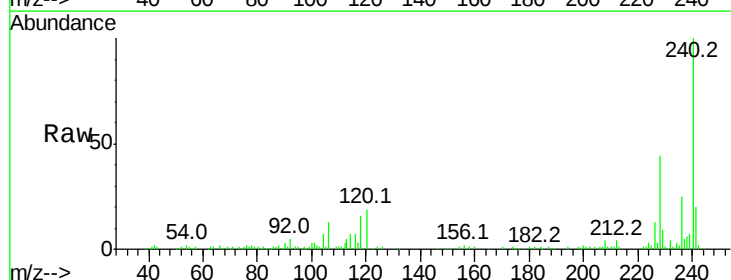
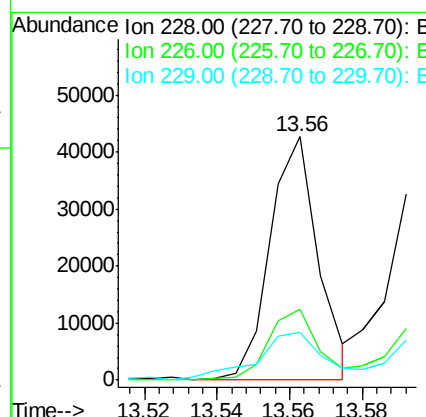
Manual Integrations
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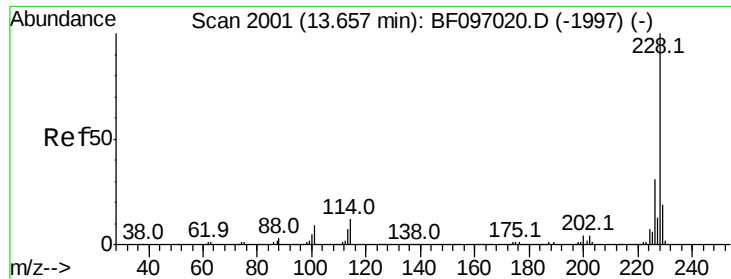
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#80
 Benzo(a)anthracene
 Concen: 2.852 ng
 RT: 13.56 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BF097314.D
 Acq: 3 Aug 2017 11:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	19.4	16.3	24.5





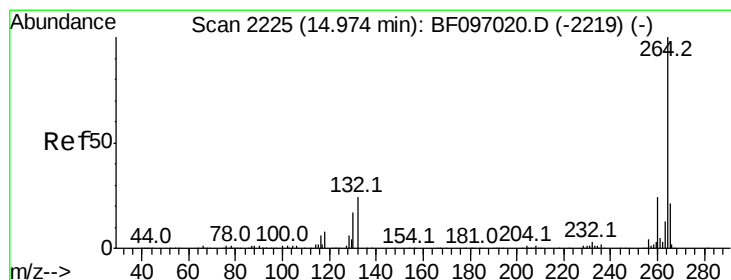
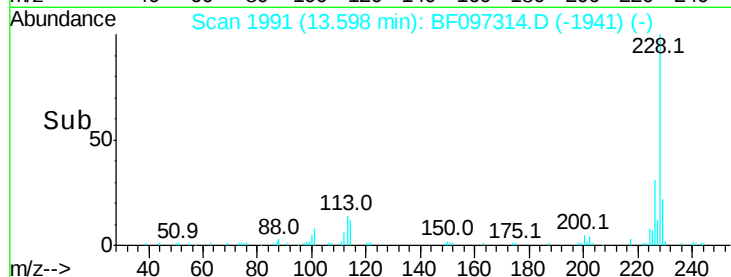
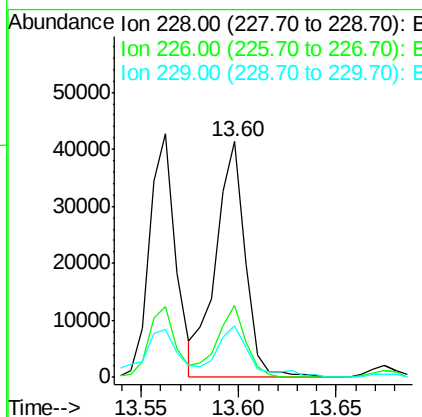
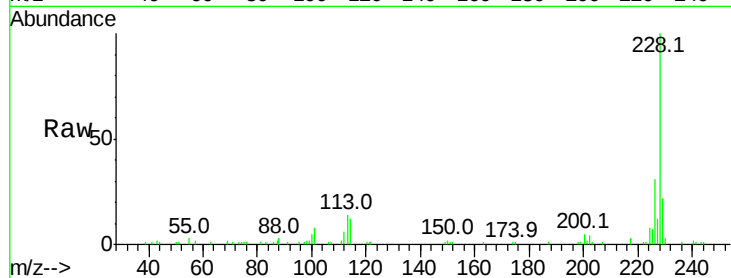
#82
Chrysene
Concen: 3.229 ng
RT: 13.60 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF097314.D
Acq: 3 Aug 2017 11:58

Instrument :
BNA_F
ClientSampleId :
E2-HS7-NSW

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	21.8	15.8	23.6

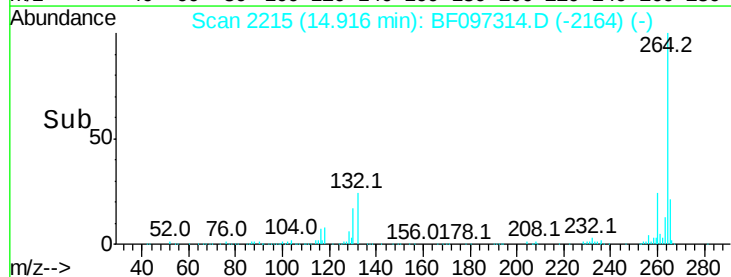
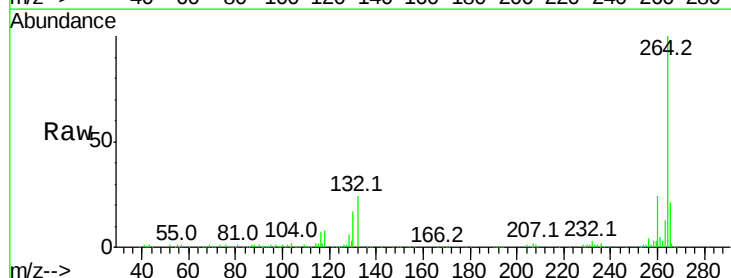
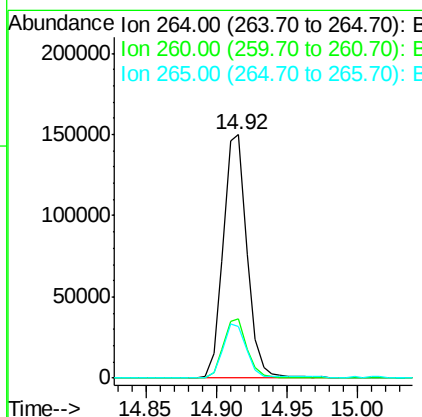
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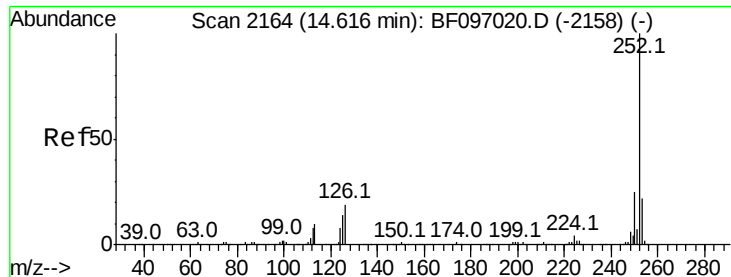
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#86
Perylene-d12
Concen: 20.000 ng
RT: 14.92 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF097314.D
Acq: 3 Aug 2017 11:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.2	17.2	25.8





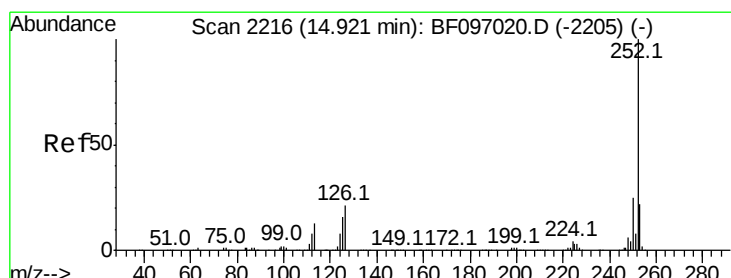
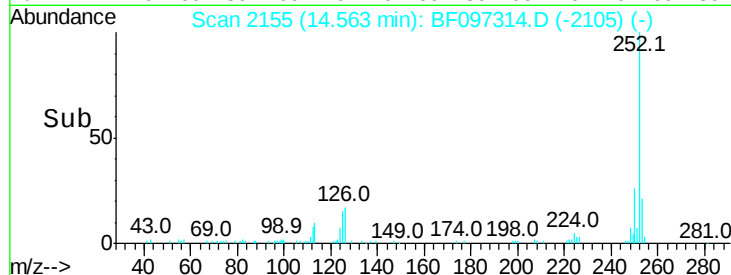
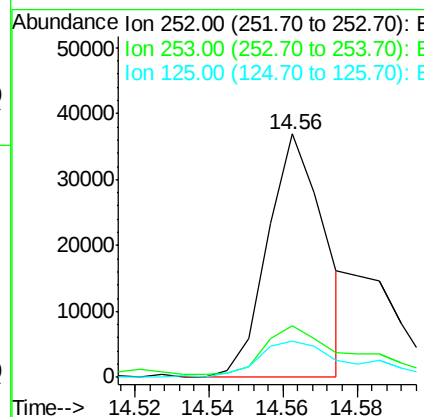
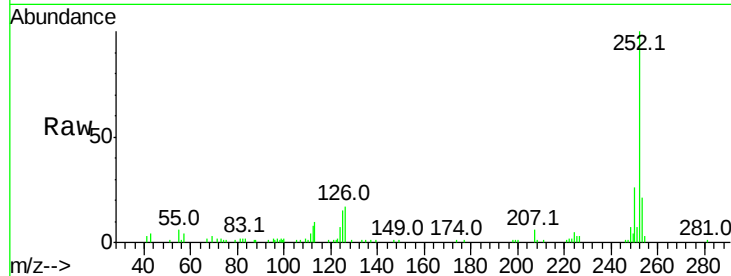
#87
Benzo(b)fluoranthene
Concen: 3.710 ng m
RT: 14.56 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BF097314.D
Acq: 3 Aug 2017 11:58

Instrument :
BNA_F
ClientSampleId :
E2-HS7-NSW

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	14.7	9.8	14.8

Manual Integrations
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#89
Benzo(a)pyrene
Concen: 2.943 ng
RT: 14.86 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF097314.D
Acq: 3 Aug 2017 11:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	17.7	11.0	16.4

