

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097650.D
 Acq On : 12 Aug 2017 23:40
 Operator : SJ/JU
 Sample : I4649-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-13(0-10)COMP

Manual Integrations
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Quant Time: Aug 14 07:11:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	122067	20.00	ng	0.00
21) Naphthalene-d8	9.53	136	500586	20.00	ng	0.00
38) Acenaphthene-d10	12.36	164	204464	20.00	ng	-0.01
63) Phenanthrene-d10	14.76	188	304343	20.00	ng	0.00
75) Chrysene-d12	18.46	240	187225	20.00	ng	0.00
86) Perylene-d12	20.13	264	183624	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	764993	99.61	ng	0.05
7) Phenol-d6	7.10	99	877470	92.11	ng	0.04
23) Nitrobenzene-d5	8.42	82	480621	60.20	ng	0.00
41) 2,4,6-Tribromophenol	13.66	330	108101	69.55	ng	0.00
44) 2-Fluorobiphenyl	11.31	172	648264	47.85	ng	-0.01
78) Terphenyl-d14	17.11	244	343985	38.03	ng	-0.01
Target Compounds						
10) Phenol	7.12	94	30468	2.921	ng	Qvalue # 51
49) Dimethylphthalate	12.00	163	167566	10.634	ng	98
70) Phenanthrene	14.80	178	42825	2.443	ng	97
74) Fluoranthene	16.56	202	114449	7.226	ng	99
77) Pyrene	16.86	202	114349	7.386	ng	96
80) Benzo(a)anthracene	18.44	228	50097	4.581	ng	98
82) Chrysene	18.49	228	50075	4.604	ng	98
85) Indeno(1,2,3-cd)pyrene	21.36	276	22373	2.645	ng	96
87) Benzo(b)fluoranthene	19.72	252	64257m	5.828	ng	
89) Benzo(a)pyrene	20.07	252	43230	4.272	ng	# 90
91) Benzo(g,h,i)perylene	21.71	276	24502	3.082	ng	# 90

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

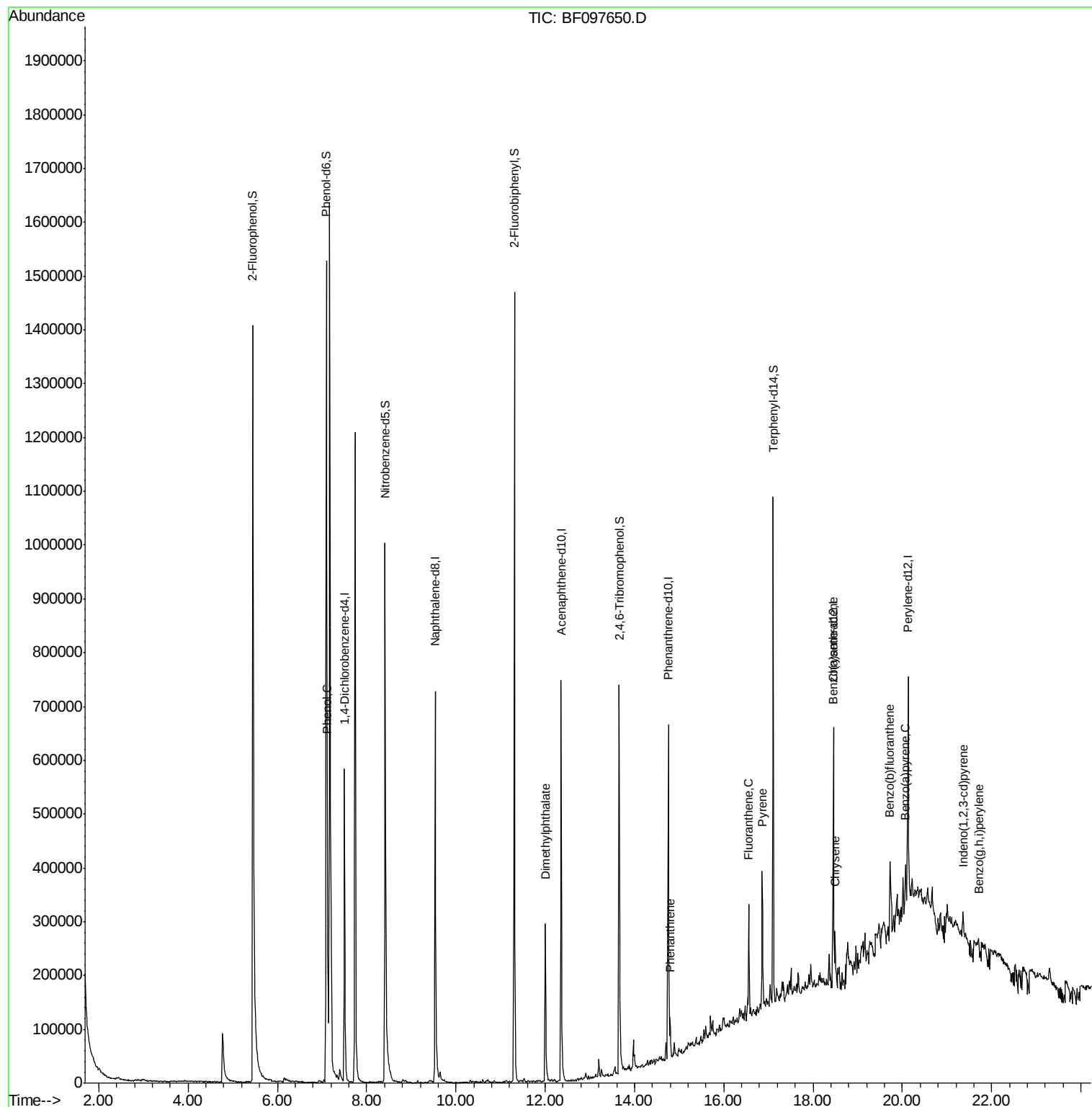
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
Data File : BF097650.D
Acq On : 12 Aug 2017 23:40
Operator : SJ/JU
Sample : I4649-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

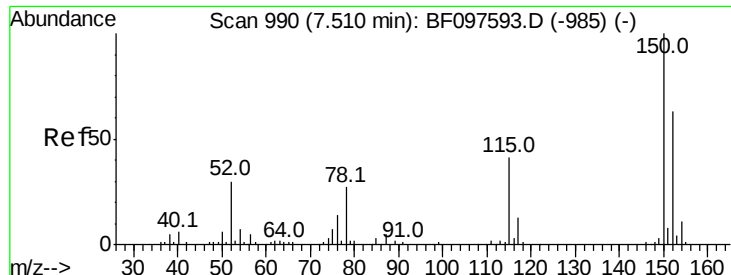
Instrument :
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B-13(0-10)COMP

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#1

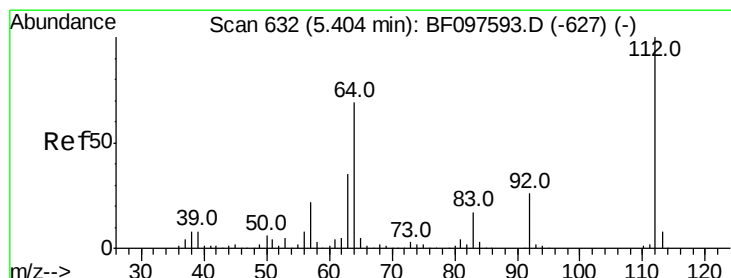
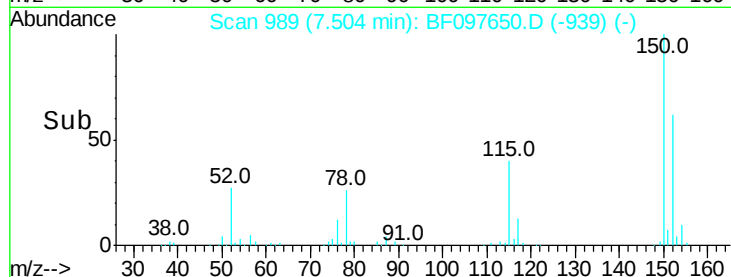
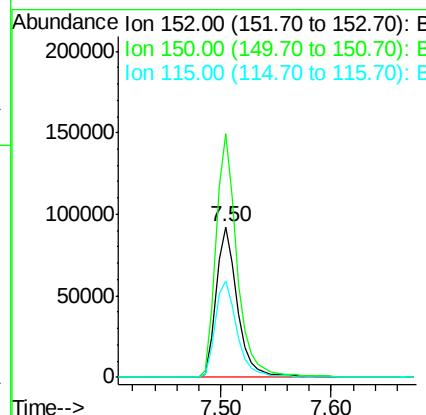
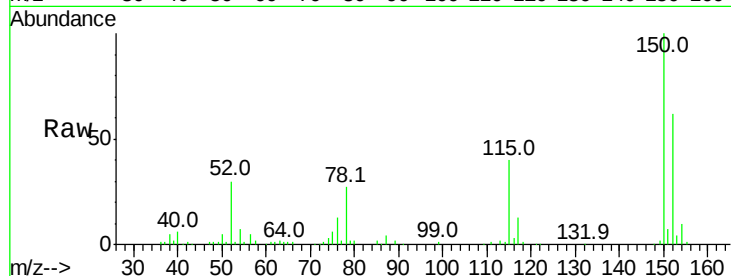
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF097650.D
Acq: 12 Aug 2017 23:40

Instrument :
BNA_F
ClientSampleId :
B-13(0-10)COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.2	189.2
115	64.6	52.2	78.2

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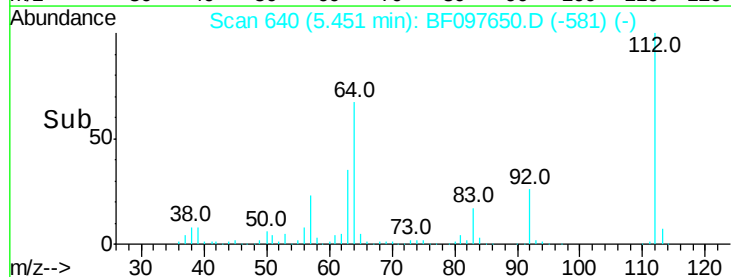
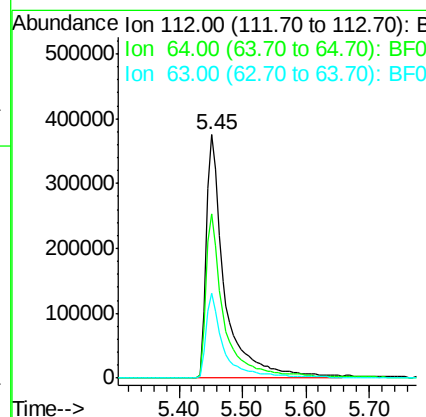
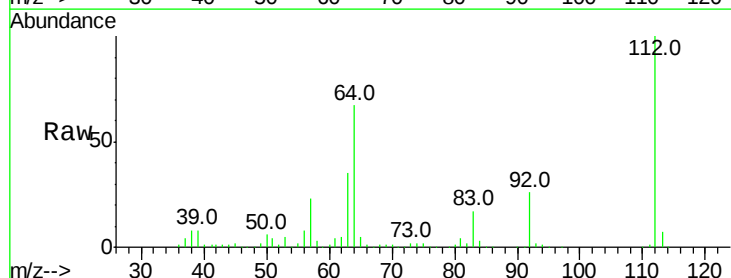
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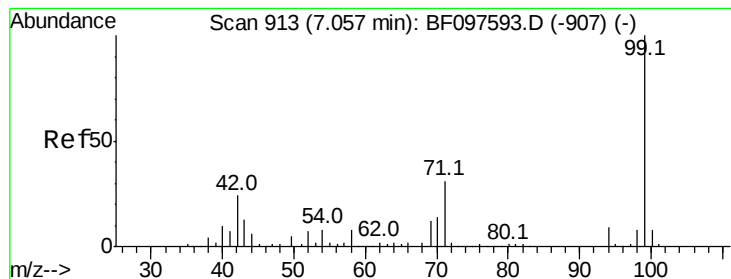


#5

2-Fluorophenol
Concen: 99.614 ng
RT: 5.45 min Scan# 640
Delta R.T. 0.05 min
Lab File: BF097650.D
Acq: 12 Aug 2017 23:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	46.0	69.0
63	35.1	23.4	35.0





#7

Phenol-d6

Concen: 92.107 ng

RT: 7.10 min Scan# 920

Delta R.T. 0.04 min

Lab File: BF097650.D

Acq: 12 Aug 2017 23:40

Instrument :

BNA_F

ClientSampleId :

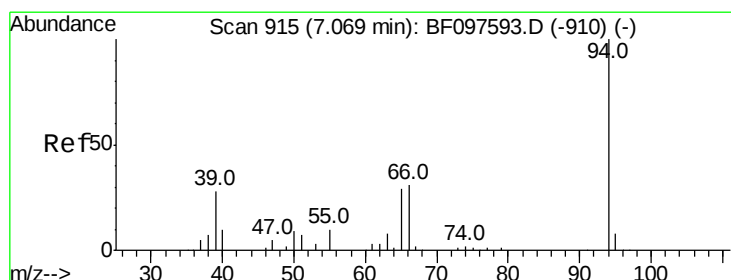
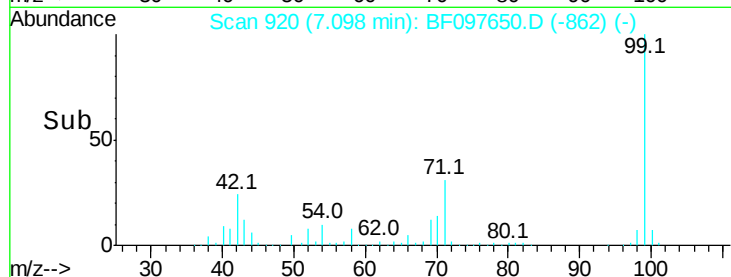
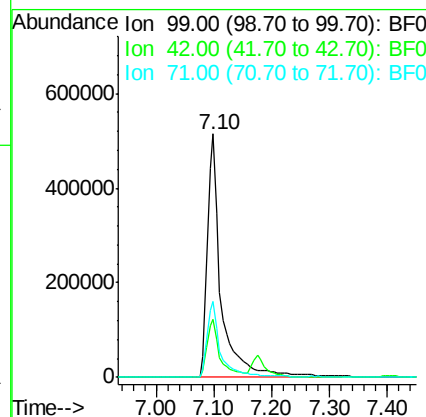
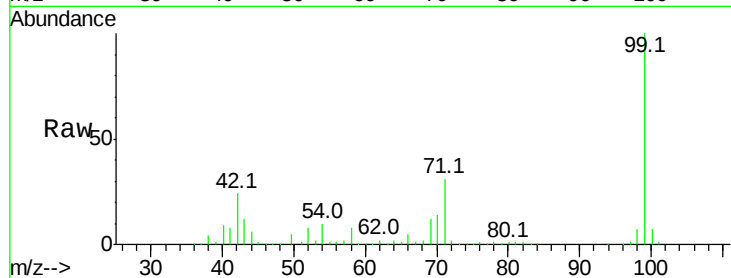
B-13(0-10)COMP

Tot Ion: 99 Resp: 877470

Ion	Ratio	Lower	Upper
99	100		
42	24.0	13.5	20.3#
71	31.3	24.5	36.7

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#10

Phenol

Concen: 2.921 ng

RT: 7.12 min Scan# 923

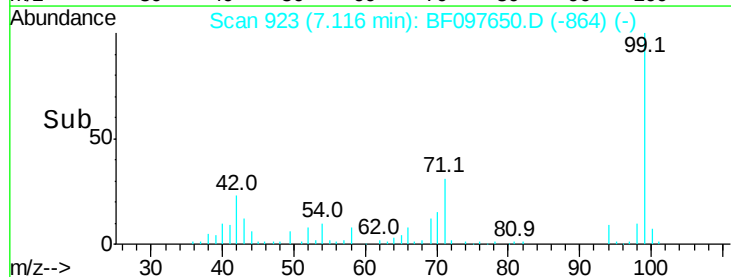
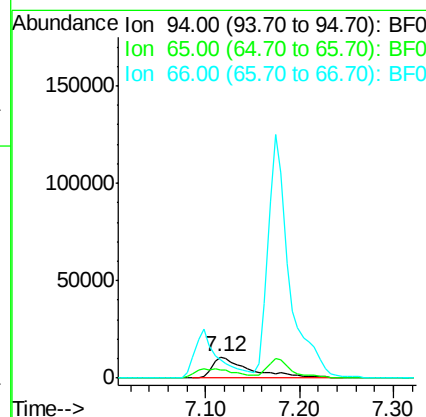
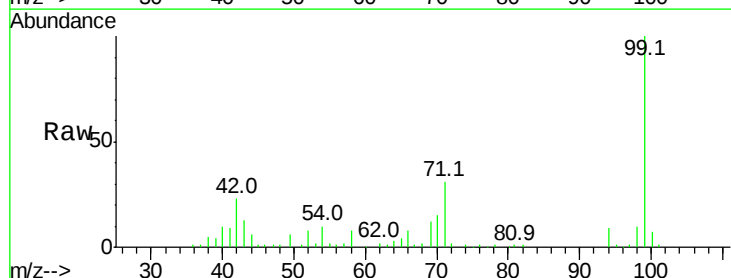
Delta R.T. 0.05 min

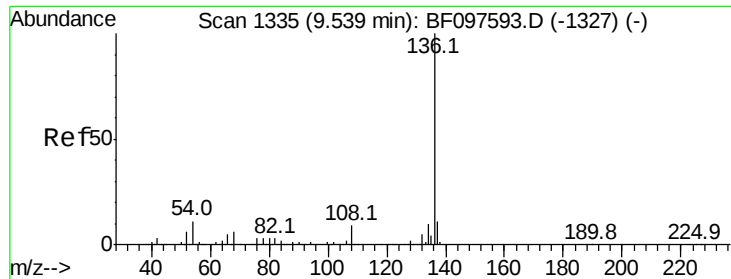
Lab File: BF097650.D

Acq: 12 Aug 2017 23:40

Tgt Ion: 94 Resp: 30468

Ion	Ratio	Lower	Upper
94	100		
65	39.4	9.9	49.9
66	88.4	23.1	63.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.53 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF097650.D

Acq: 12 Aug 2017 23:40

Instrument :

BNA_F

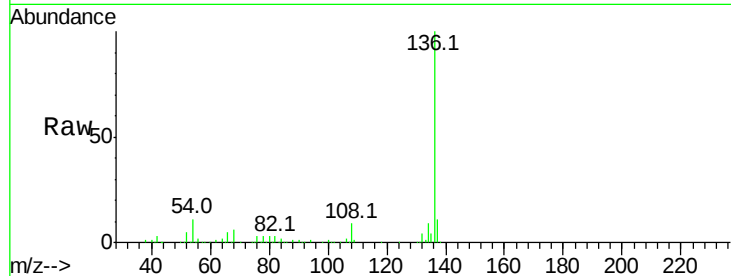
ClientSampleId :

B-13(0-10)COMP

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	8.5	12.7
54	11.4	4.9	7.3#
68	5.8	4.1	6.1

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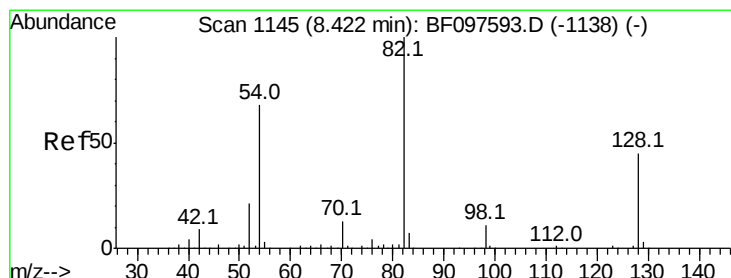
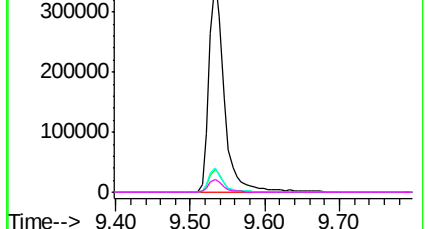
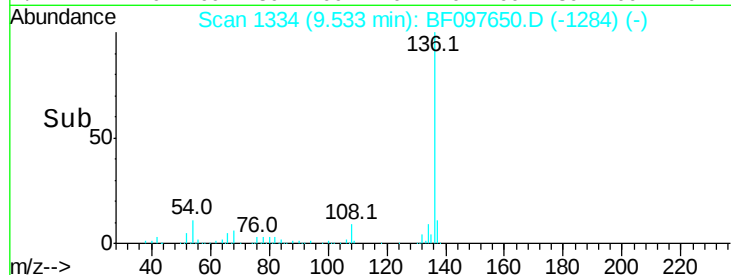


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 60.204 ng

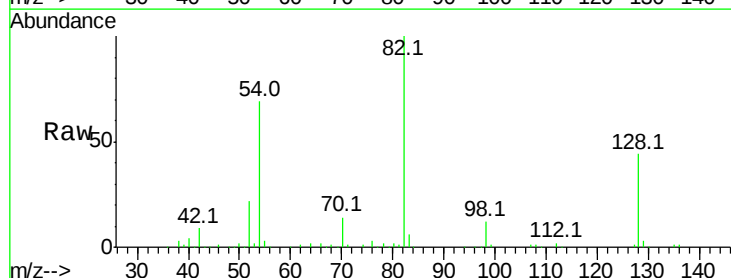
RT: 8.42 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF097650.D

Acq: 12 Aug 2017 23:40

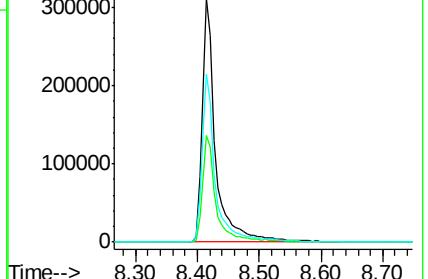
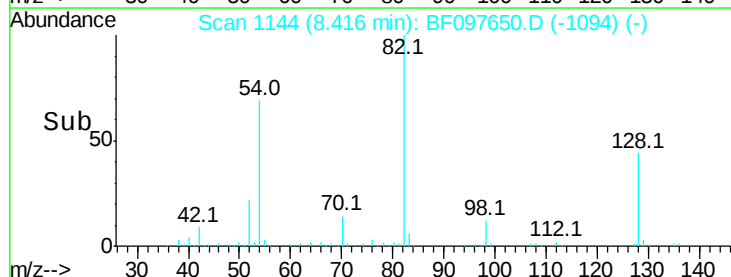
Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	44.0	34.0	51.0
54	69.1	42.2	63.2#

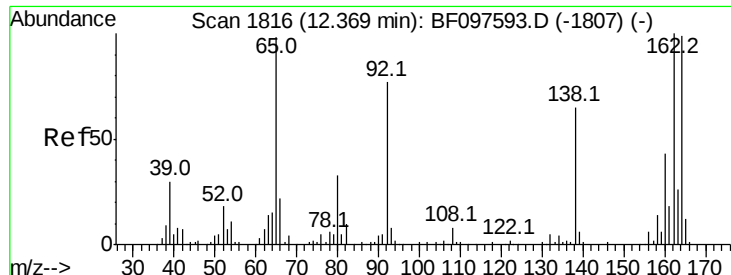


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





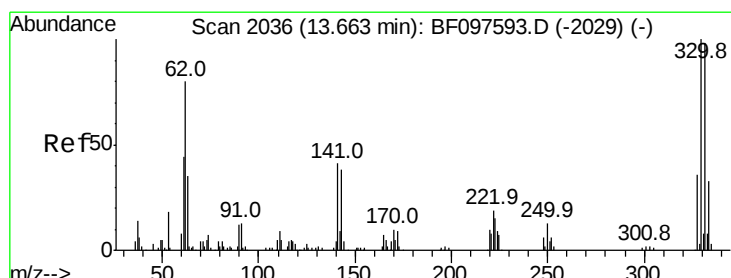
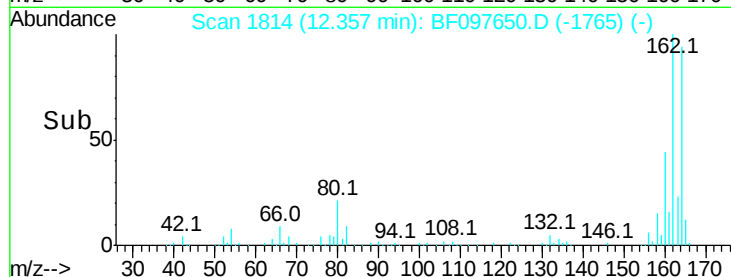
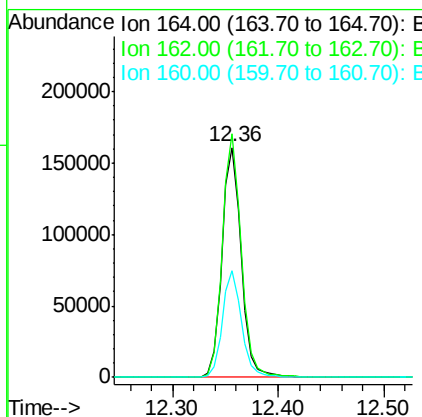
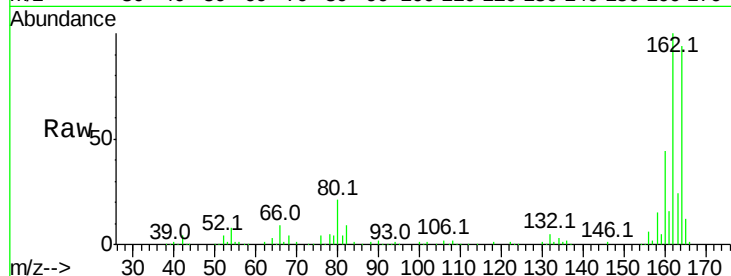
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.36 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BF097650.D
 Acq: 12 Aug 2017 23:40

Instrument :
 BNA_F
 ClientSampleId :
 B-13(0-10)COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.8	82.6	123.8
160	46.1	36.2	54.2

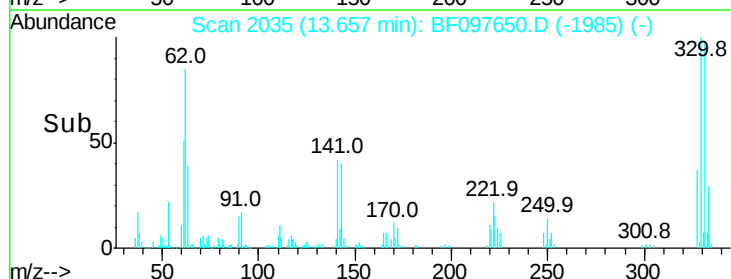
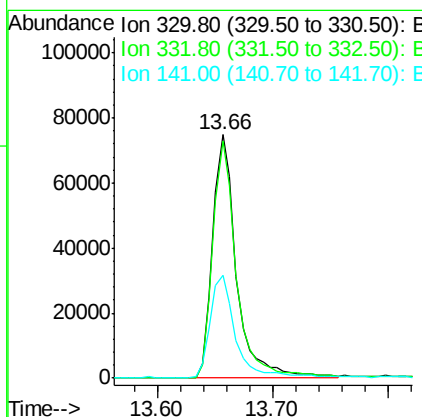
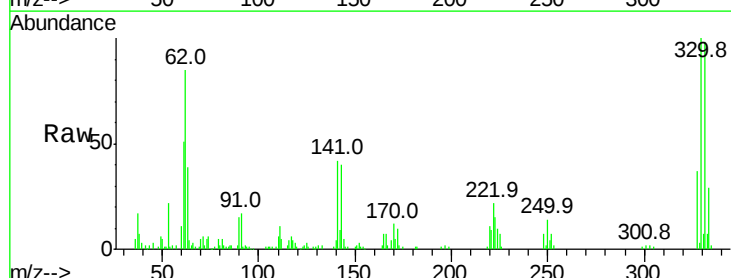
Manual Integrations
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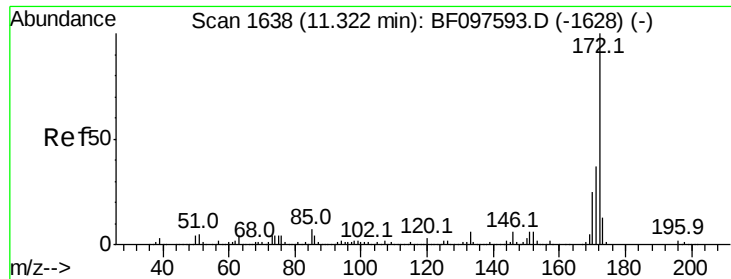
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#41
 2,4,6-Tribromophenol
 Concen: 69.549 ng
 RT: 13.66 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF097650.D
 Acq: 12 Aug 2017 23:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	45.9	31.4	47.2





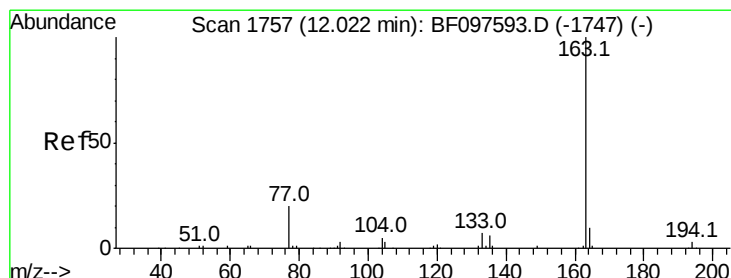
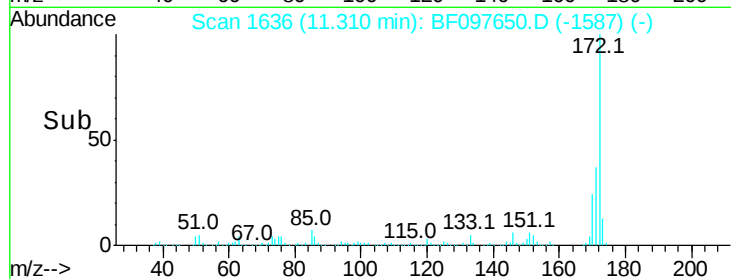
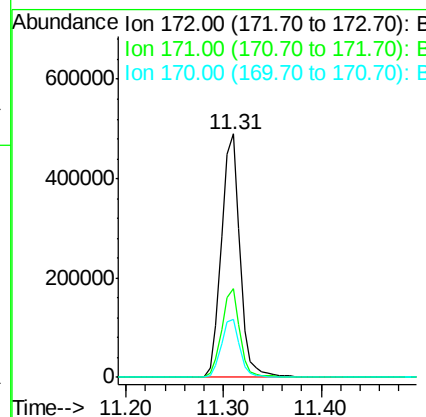
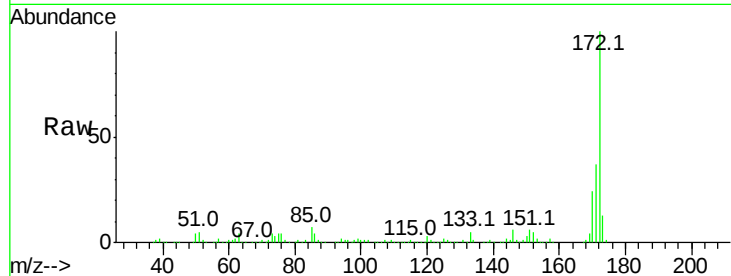
#44
2-Fluorobiphenyl
Concen: 47.850 ng
RT: 11.31 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BF097650.D
Acq: 12 Aug 2017 23:40

Instrument :
BNA_F
ClientSampleId :
B-13(0-10)COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.1	19.8	29.8

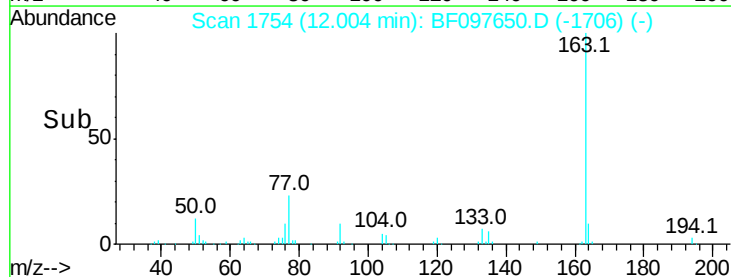
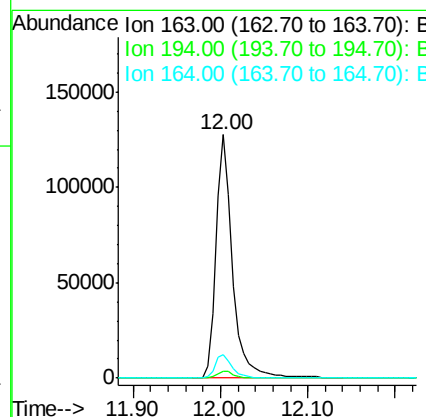
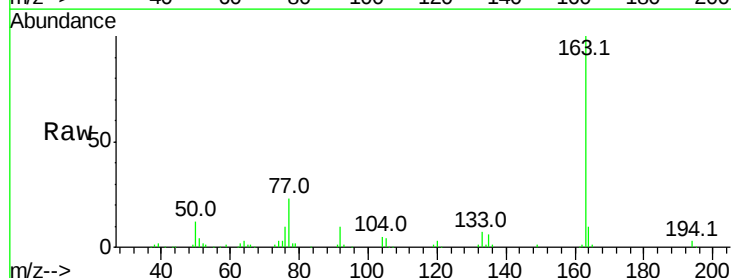
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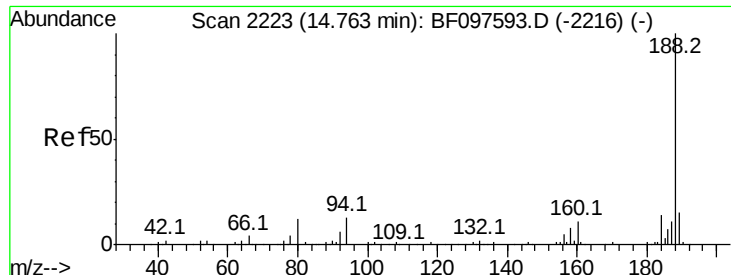
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#49
Dimethylphthalate
Concen: 10.634 ng
RT: 12.00 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF097650.D
Acq: 12 Aug 2017 23:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	9.6	8.4	12.6





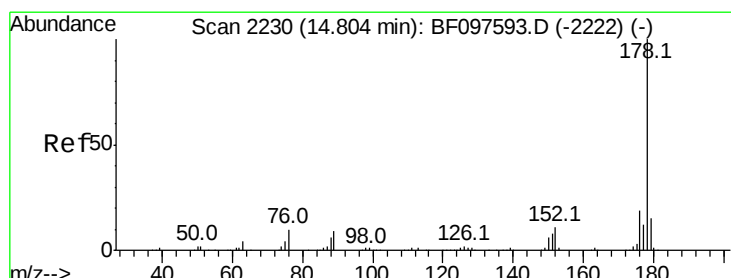
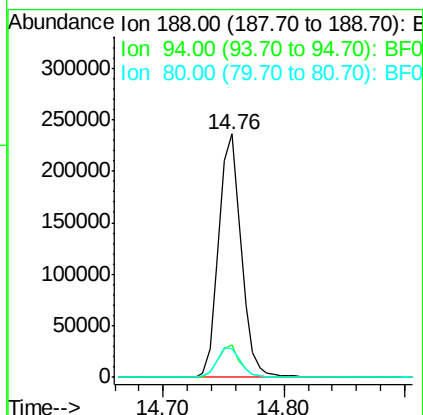
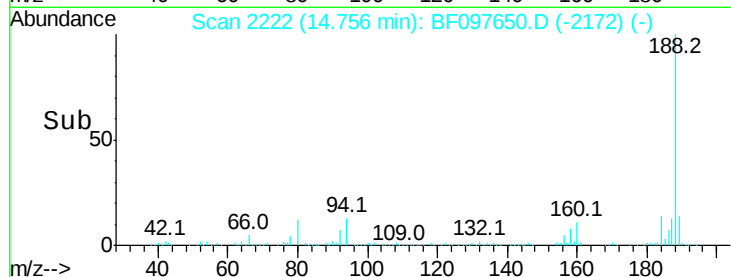
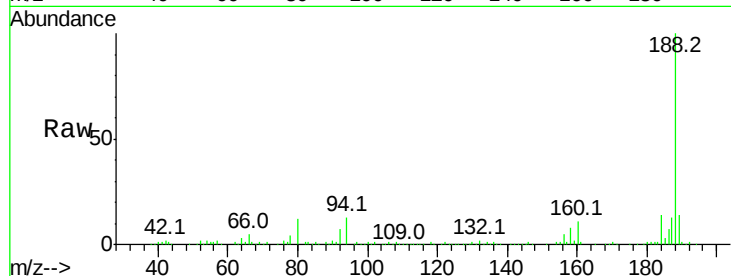
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF097650.D
Acq: 12 Aug 2017 23:40

Instrument :
BNA_F
ClientSampleId :
B-13(0-10)COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	13.2		9.4	14.2
80	11.6		10.2	15.2

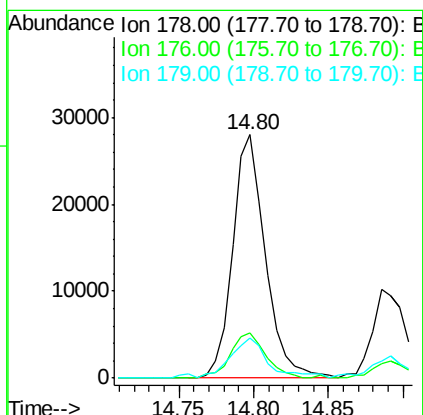
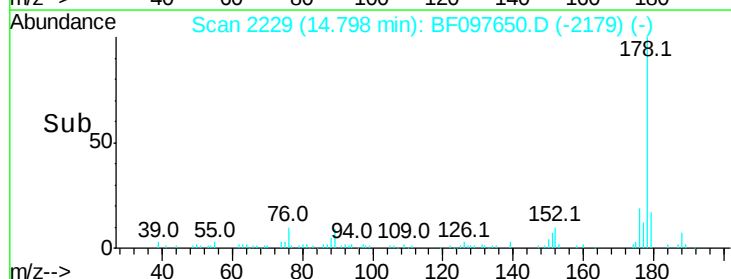
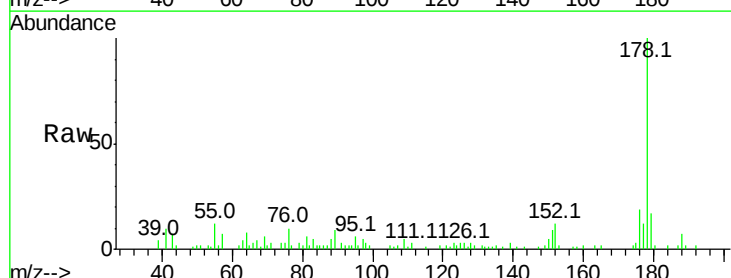
Manual Integrations
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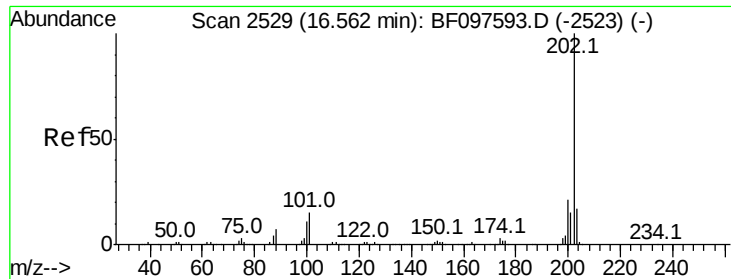
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#70
Phenanthrene
Concen: 2.443 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF097650.D
Acq: 12 Aug 2017 23:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	18.6		16.2	24.4
179	16.6		12.6	19.0





#74

Fluoranthene

Concen: 7.226 ng

RT: 16.56 min Scan# 2529

Delta R.T. -0.00 min

Lab File: BF097650.D

Acq: 12 Aug 2017 23:40

Instrument :

BNA_F

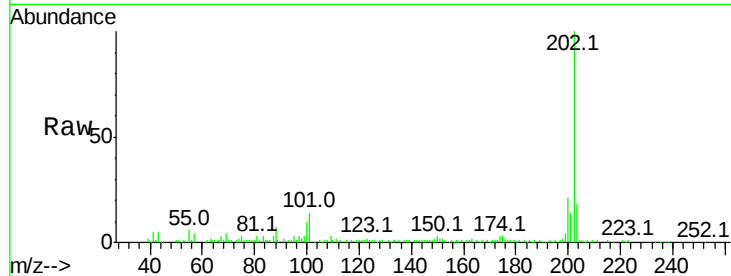
ClientSampleId :

B-13(0-10)COMP

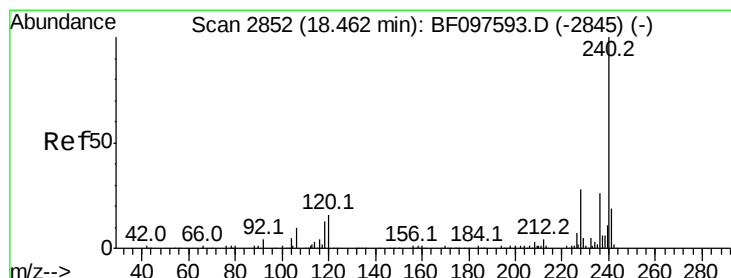
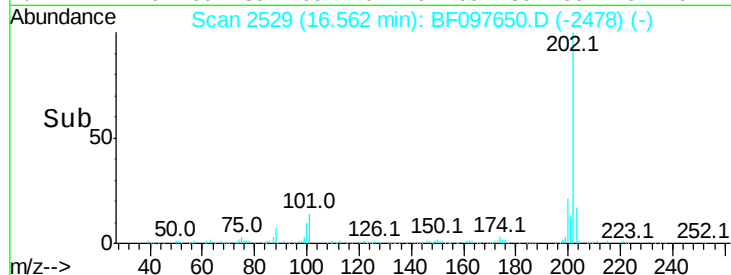
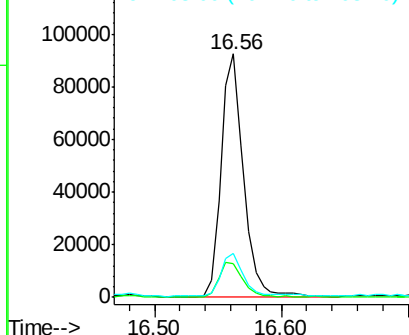
Tot Ion:	202	Resp:	114449
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	33.2
203	17.8	0.0	38.1

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

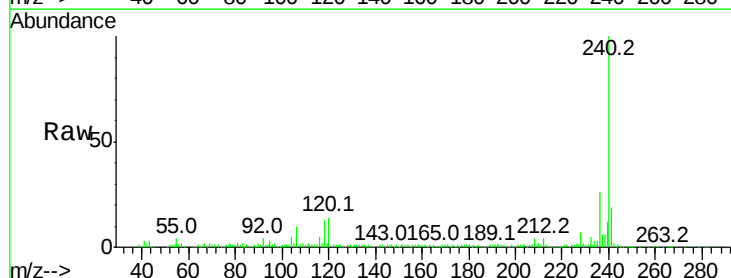
RT: 18.46 min Scan# 2851

Delta R.T. -0.01 min

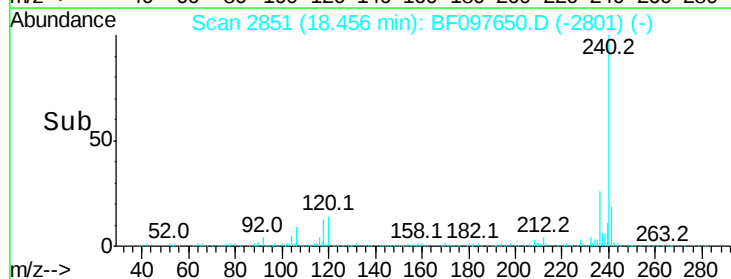
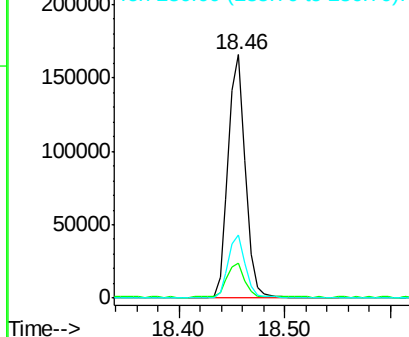
Lab File: BF097650.D

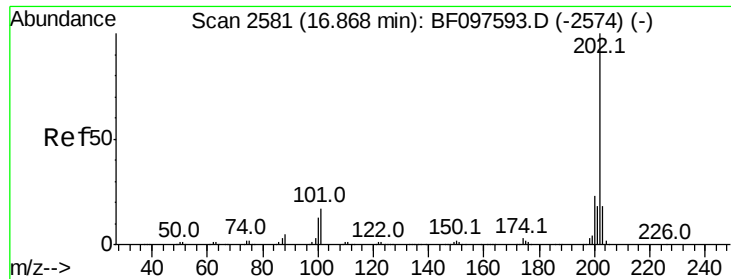
Acq: 12 Aug 2017 23:40

Tgt Ion:	240	Resp:	187225
Ion Ratio	Lower	Upper	
240	100		
120	14.4	5.8	8.8#
236	26.1	20.5	30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





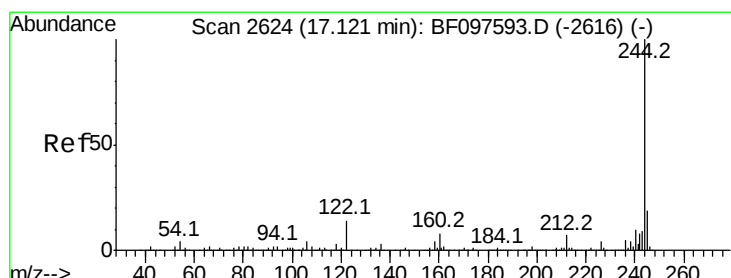
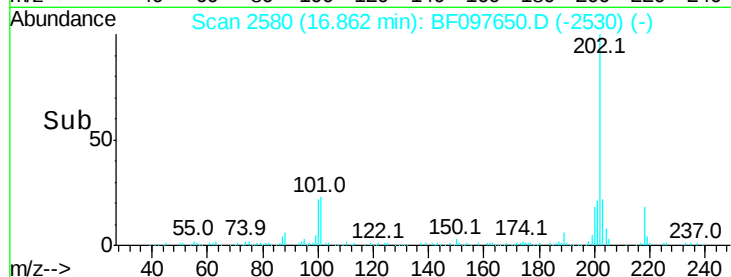
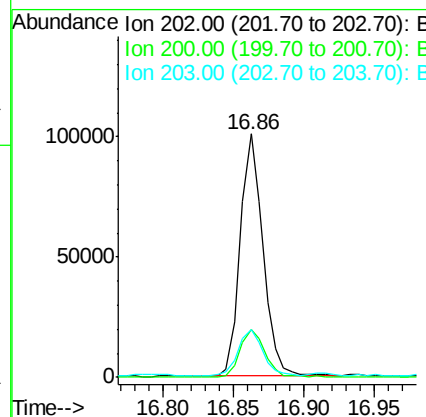
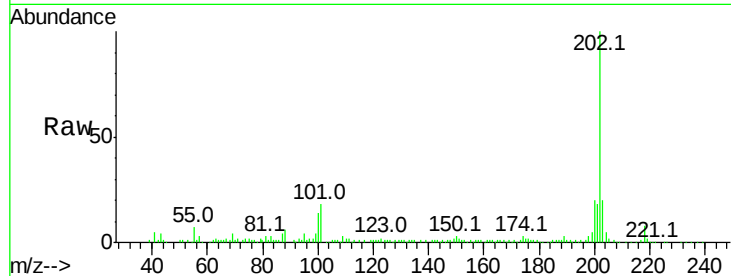
#77
Pvrene
Concen: 7.386 ng
RT: 16.86 min Scan# 2580
Delta R.T. -0.01 min
Lab File: BF097650.D
Acq: 12 Aug 2017 23:40

Instrument :
BNA_F
ClientSampleId :
B-13(0-10)COMP

Tot Ion	Ratio	Resp	Lower	Upper
202	100	114349		
200	19.7		17.6	26.4
203	19.7		14.4	21.6

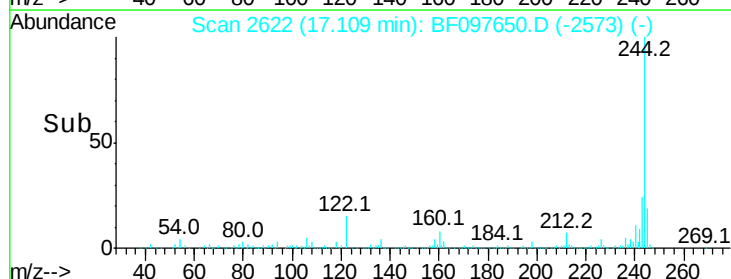
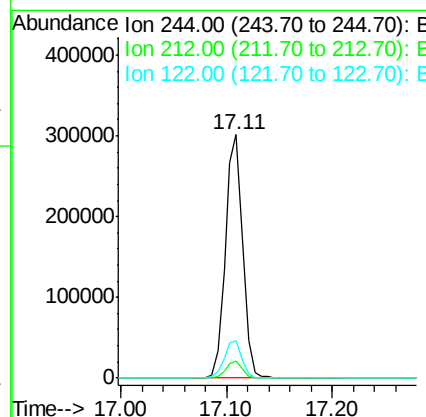
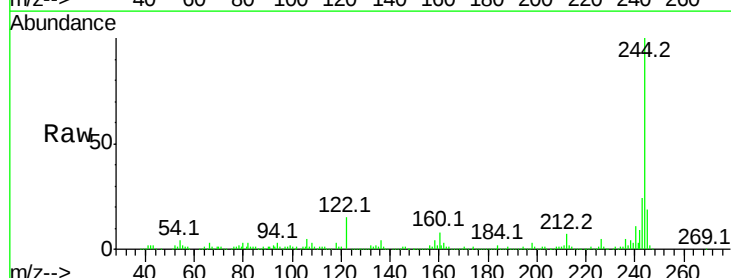
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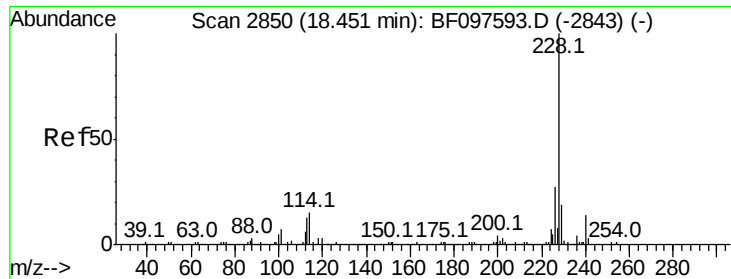
sohil
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#78
Terphenyl-d14
Concen: 38.026 ng
RT: 17.11 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BF097650.D
Acq: 12 Aug 2017 23:40

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	343985		
212	7.0		6.0	9.0
122	15.2		10.3	15.5





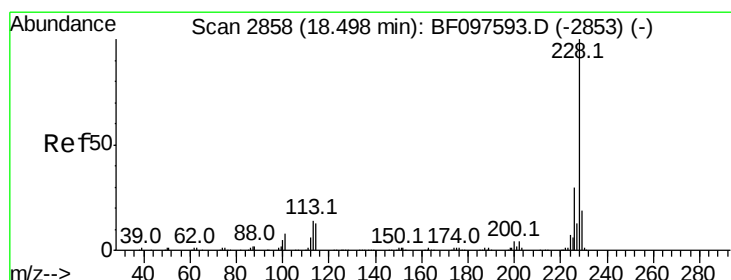
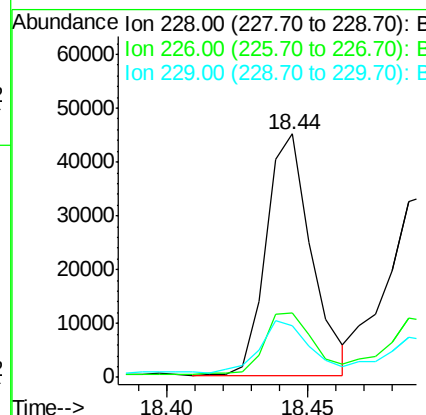
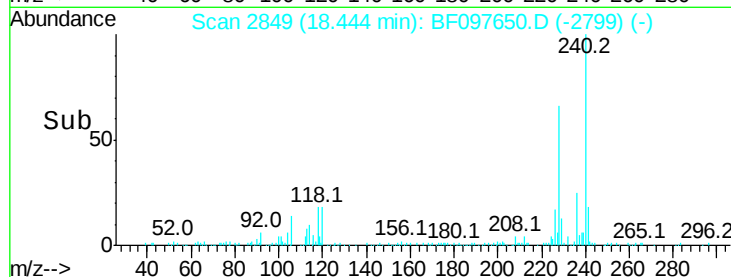
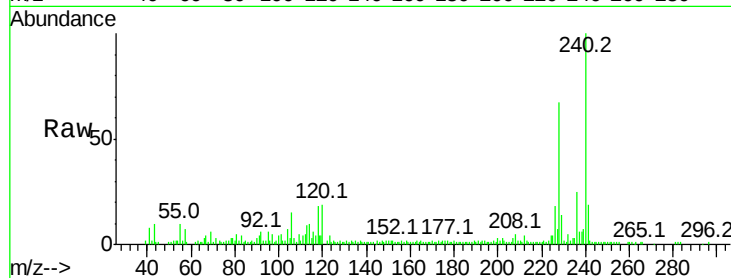
#80
Benzo(a)anthracene
Concen: 4.581 ng
RT: 18.44 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BF097650.D
Acq: 12 Aug 2017 23:40

Instrument :
BNA_F
ClientSampleId :
B-13(0-10)COMP

Tot Ion:228	Resp:	50097
Ion Ratio	Lower	Upper
228 100		
226 26.7	22.6	33.8
229 21.2	16.3	24.5

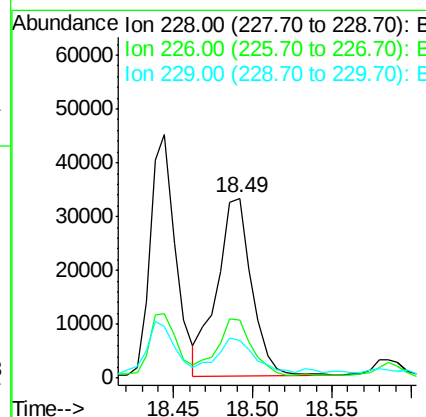
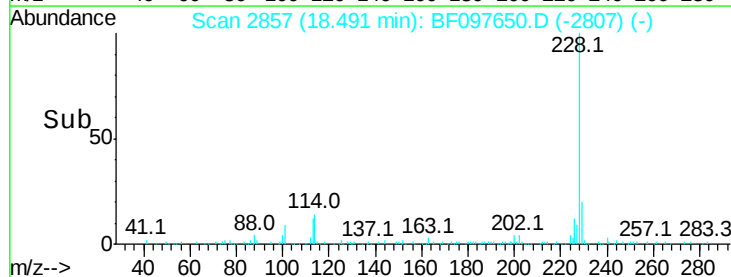
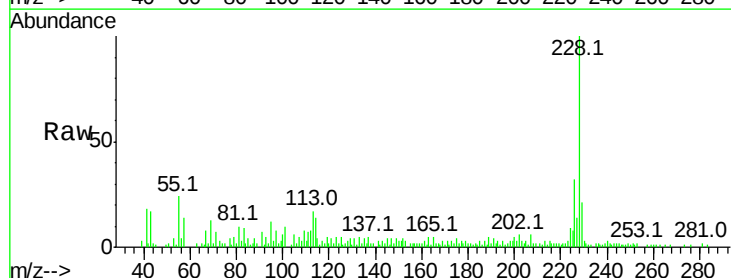
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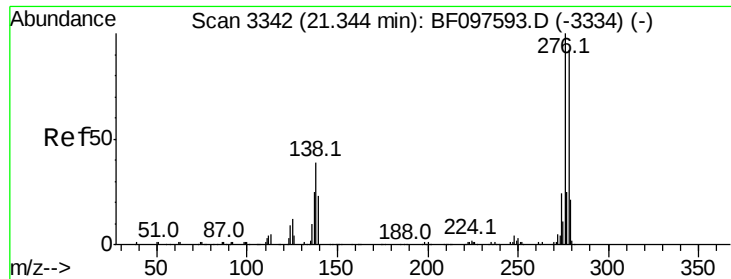
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#82
Chrysene
Concen: 4.604 ng
RT: 18.49 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BF097650.D
Acq: 12 Aug 2017 23:40

Tgt Ion:228	Resp:	50075
Ion Ratio	Lower	Upper
228 100		
226 32.2	24.9	37.3
229 21.2	15.8	23.6





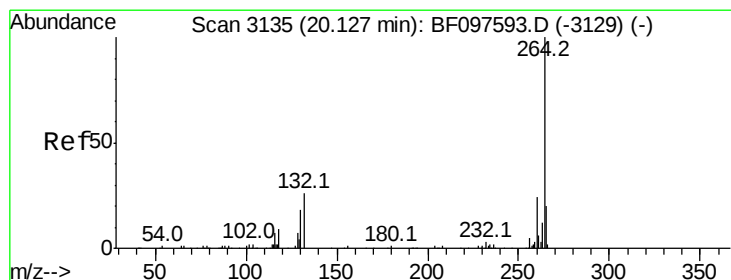
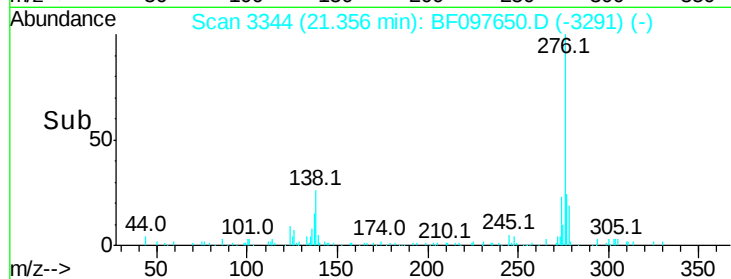
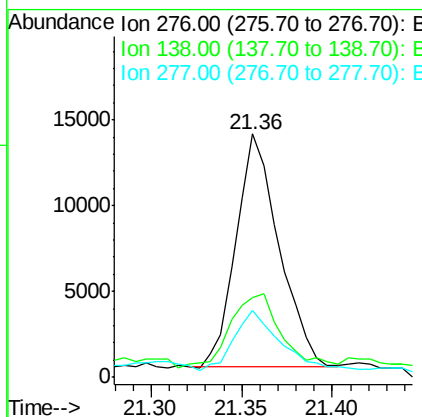
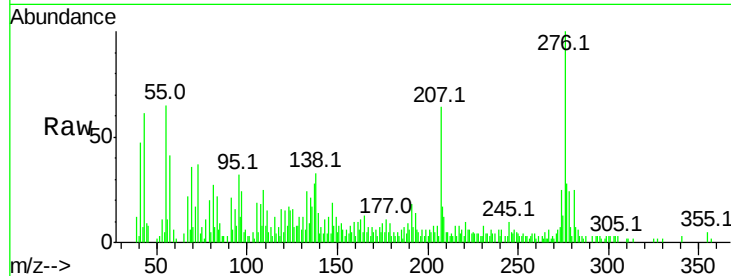
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.645 ng
 RT: 21.36 min Scan# 3344
 Delta R.T. 0.01 min
 Lab File: BF097650.D
 Acq: 12 Aug 2017 23:40

Instrument :
 BNA_F
 ClientSampleId :
 B-13(0-10)COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.0	27.8	41.6
277	27.5	20.2	30.4

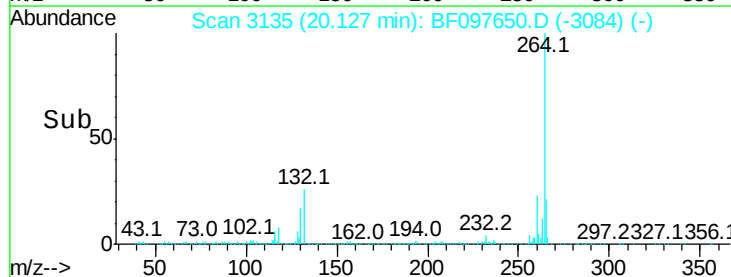
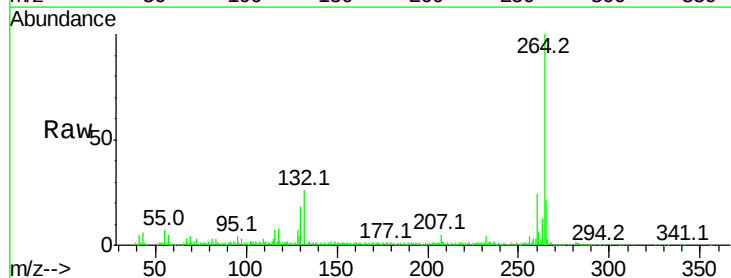
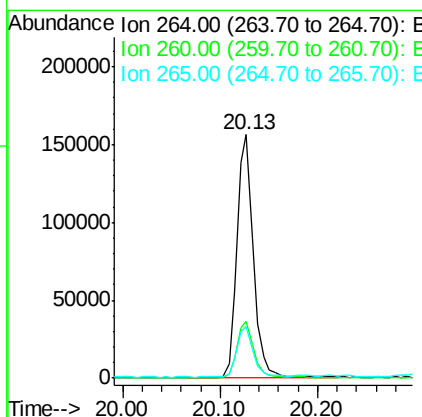
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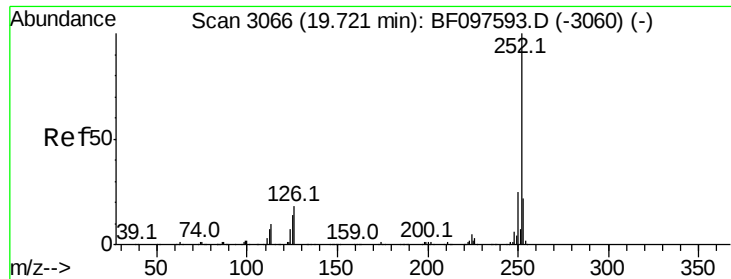
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.13 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BF097650.D
 Acq: 12 Aug 2017 23:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 5.828 ng

RT: 19.72 min Scan# 3066

Delta R.T. -0.00 min

Lab File: BF097650.D

Acq: 12 Aug 2017 23:40

Instrument :

BNA_F

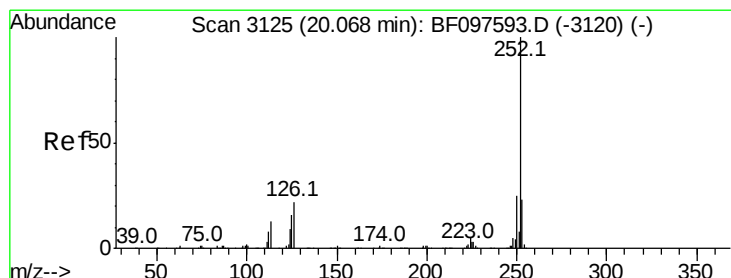
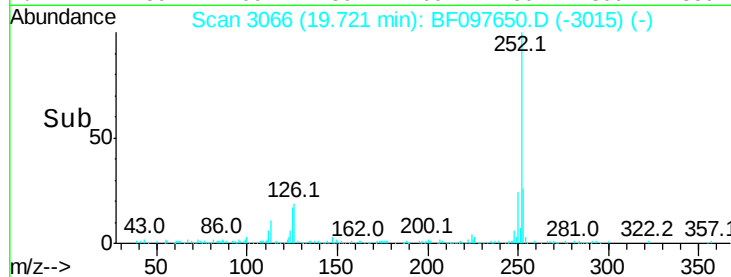
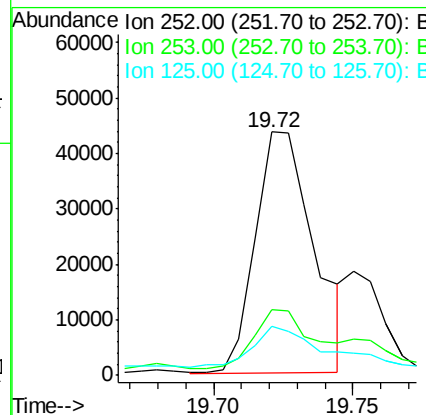
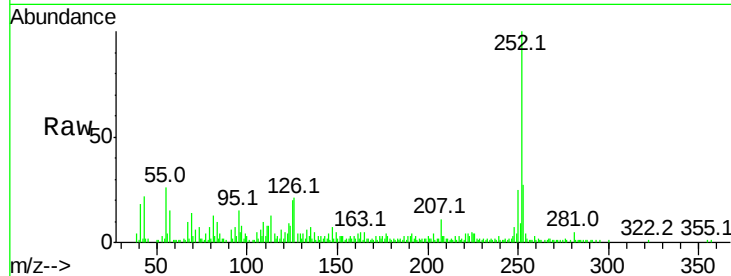
ClientSampleId :

B-13(0-10)COMP

Tot Ion:	252	Resp:	64257
Ion Ratio	Lower	Upper	
252	100		
253	27.0	18.1	27.1
125	20.3	9.8	14.8#

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#89

Benzo(a)pyrene

Concen: 4.272 ng

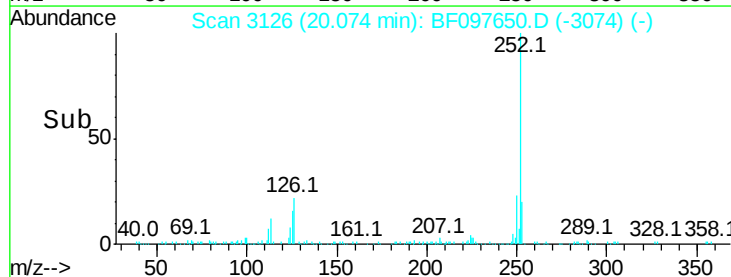
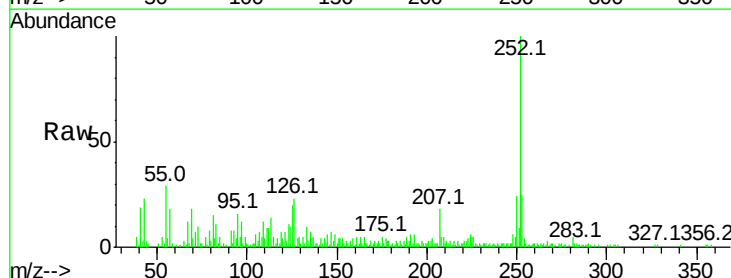
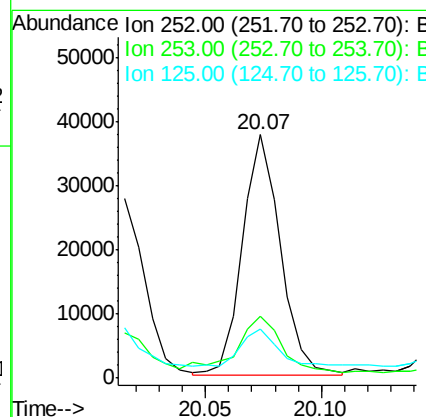
RT: 20.07 min Scan# 3126

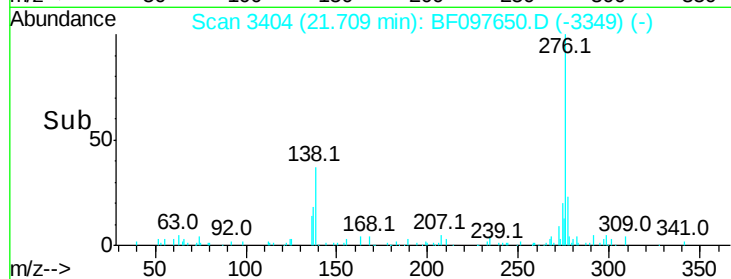
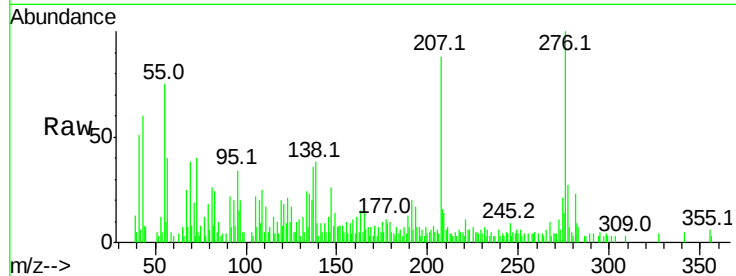
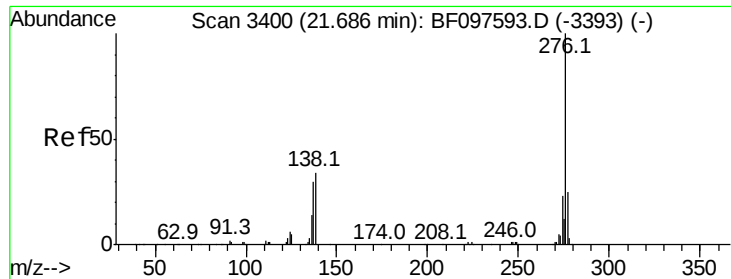
Delta R.T. 0.01 min

Lab File: BF097650.D

Acq: 12 Aug 2017 23:40

Tgt Ion:	252	Resp:	43230
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.5	26.3
125	20.2	11.0	16.4#





#91

Benzo(a,h,i)perylene

Concen: 3.082 ng

RT: 21.71 min Scan# 3404

Delta R.T. 0.02 min

Lab File: BF097650.D

Acq: 12 Aug 2017 23:40

Instrument :

BNA_F

ClientSampleId :

B-13(0-10)COMP

Tot Ion: 276 Resp: 24502

Ion Ratio Lower Upper

276 100

277 26.6 18.6 28.0

138 38.4 25.4 38.0#

Manual Integrations

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