

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097825.D
 Acq On : 18 Aug 2017 10:14
 Operator : SJ/JU
 Sample : I4703-07RE
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-H10-ESWRE

Manual Integrations
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 8/18/2017 7:02:49 PM

Quant Time: Aug 18 14:08:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	144361	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	524678	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	200500	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	340343	20.00	ng	0.00
75) Chrysene-d12	13.93	240	296428	20.00	ng	0.00
86) Perylene-d12	15.36	264	216458	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	548482	57.79	ng	0.00
7) Phenol-d6	6.40	99	714653	55.42	ng	0.00
23) Nitrobenzene-d5	7.33	82	426234	44.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	82611	47.49	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	466642	34.19	ng	-0.01
78) Terphenyl-d14	12.88	244	325493	22.90	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	189000	12.896	ng	98
70) Phenanthrene	11.32	178	167669	9.245	ng	97
71) Anthracene	11.37	178	47575	2.586	ng	99
74) Fluoranthene	12.50	202	341459	18.038	ng	98
77) Pyrene	12.73	202	360024	14.850	ng	98
80) Benzo(a)anthracene	13.92	228	168451	9.482	ng	94
82) Chrysene	13.96	228	164258	9.294	ng	98
83) Bis(2-ethylhexyl)phthalate	13.92	149	56643	5.499	ng	98
85) Indeno(1,2,3-cd)pyrene	16.76	276	63001	4.846	ng	# 92
87) Benzo(b)fluoranthene	14.95	252	182026m	13.341	ng	
88) Benzo(k)fluoranthene	14.97	252	50221m	3.918	ng	
89) Benzo(a)pyrene	15.30	252	116837	9.673	ng	97
91) Benzo(a,h,i)perylene	17.17	276	62458	6.087	ng	93

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

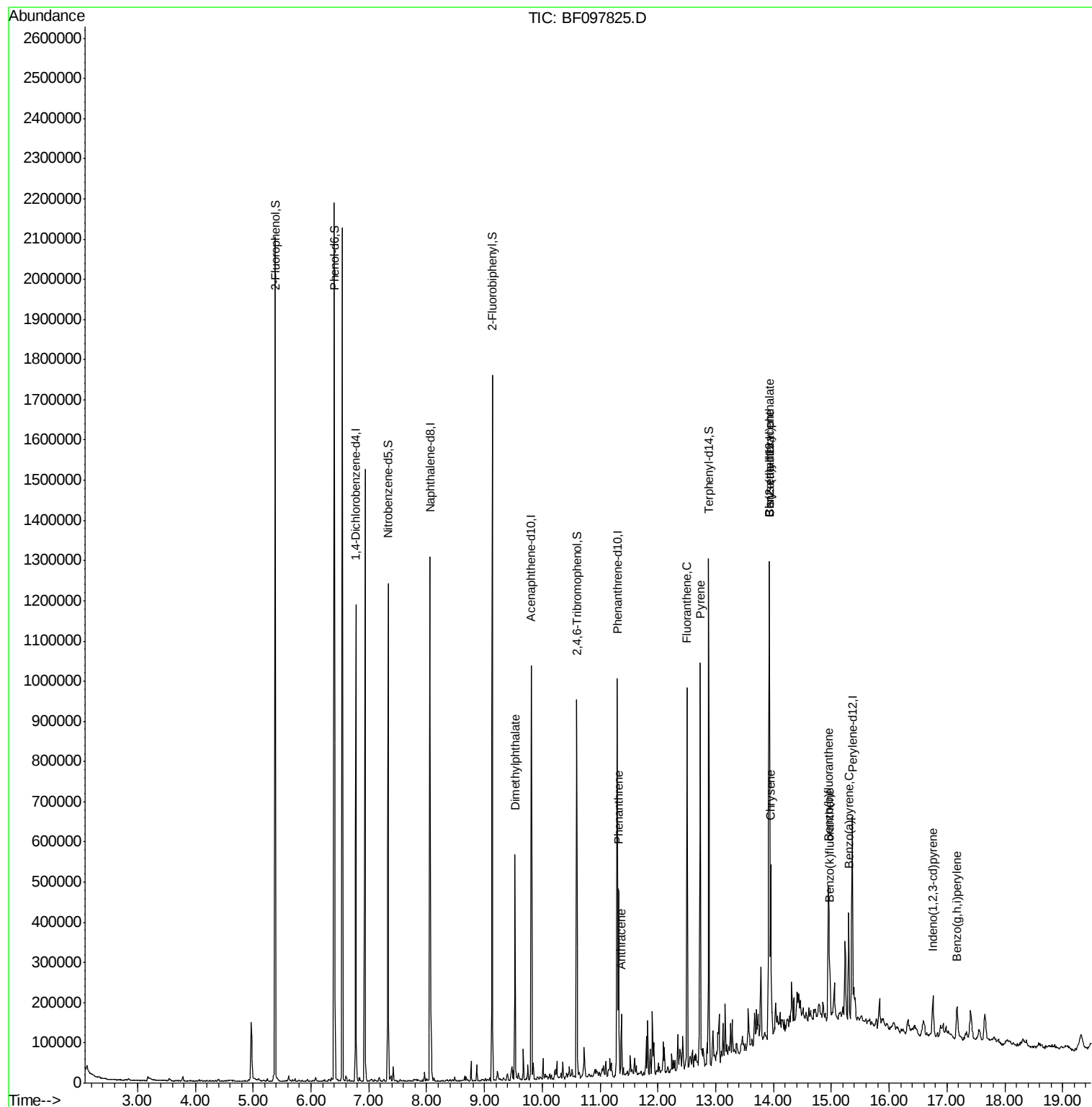
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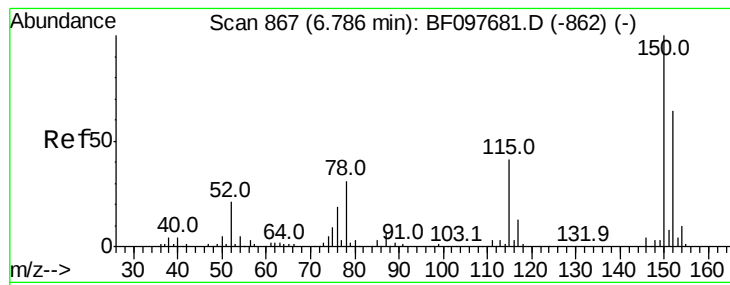
Instrument :
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E2-H10-ESWRE

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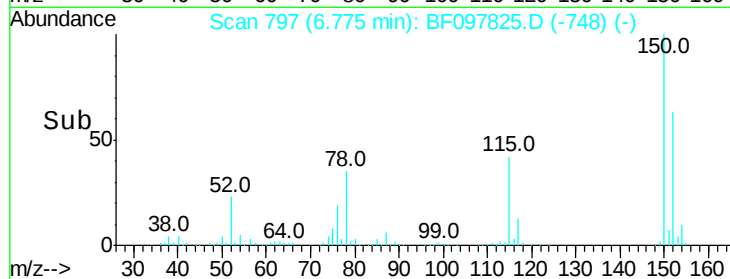
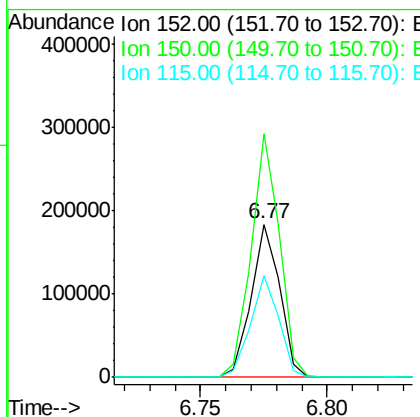
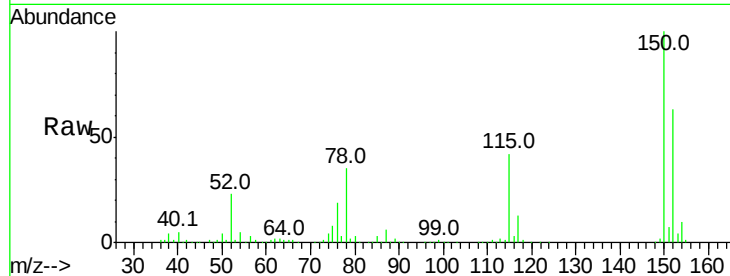
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF097825.D
 Acq: 18 Aug 2017 10:14

Instrument :
 BNA_F
 ClientSampleId :
 E2-H10-ESWRE

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.2	189.2
115	66.6	52.2	78.2

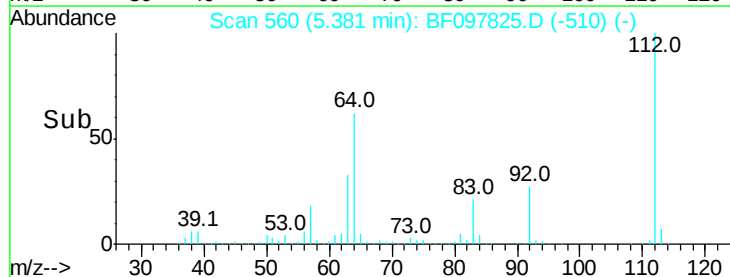
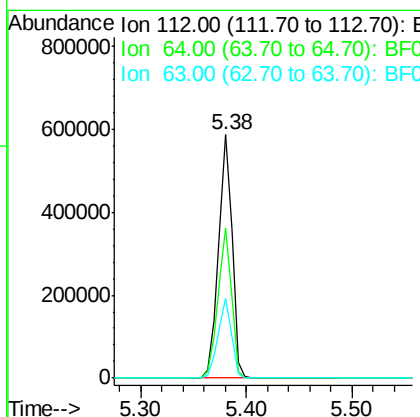
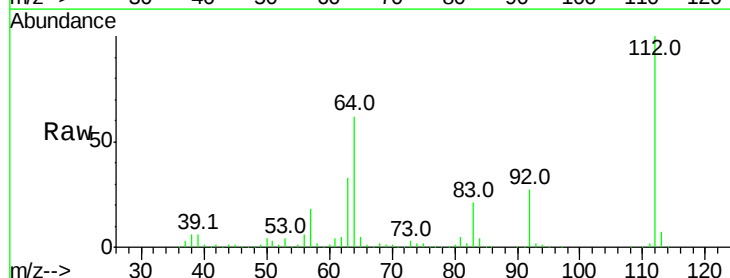
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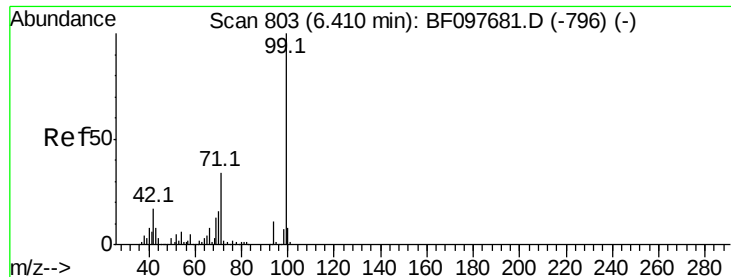
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#5
 2-Fluorophenol
 Concen: 57.791 ng
 RT: 5.38 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF097825.D
 Acq: 18 Aug 2017 10:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	46.0	69.0
63	32.7	23.4	35.0





#7

Phenol-d6

Concen: 55.420 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097825.D

Acq: 18 Aug 2017 10:14

Instrument :

BNA_F

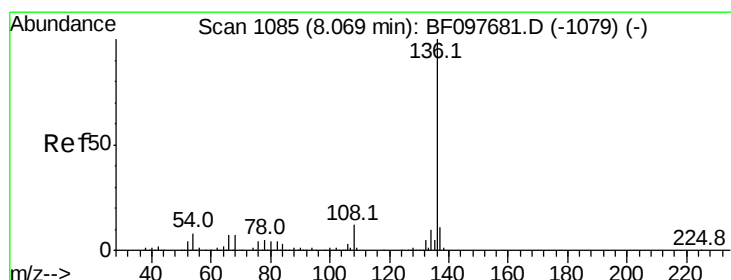
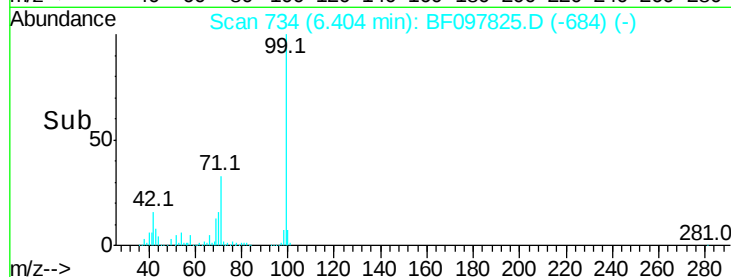
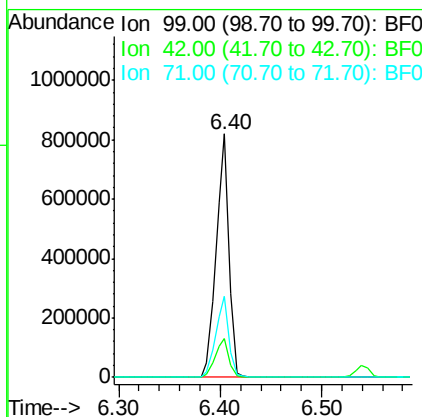
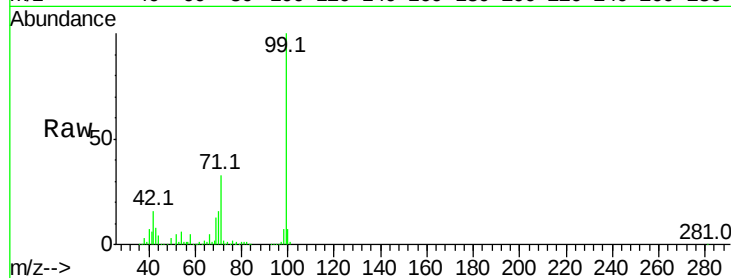
ClientSampleId :

E2-H10-ESWRE

Tot Ion:	99	Resp:	714653
Ion Ratio	Lower	Upper	
99	100		
42	16.0	13.5	20.3
71	33.1	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

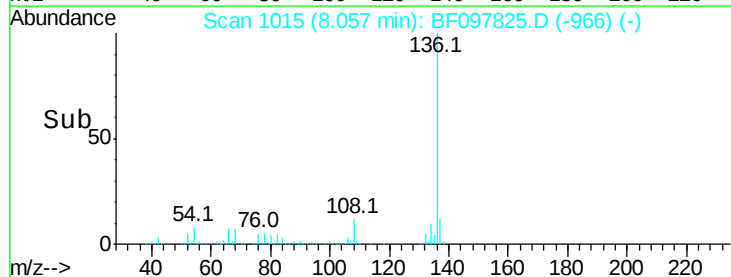
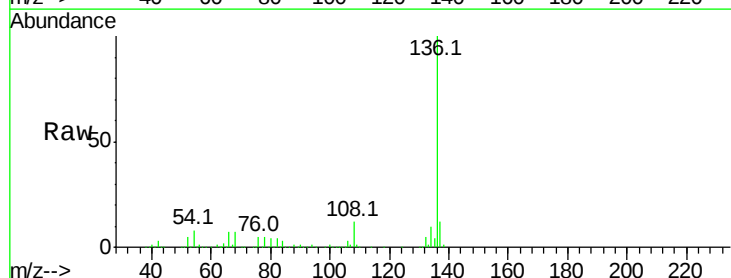
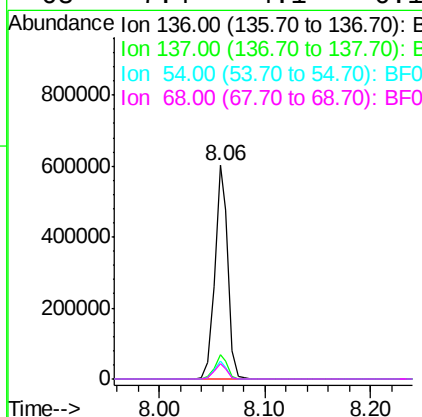
RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097825.D

Acq: 18 Aug 2017 10:14

Tgt Ion:	136	Resp:	524678
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.5	12.7
54	8.4	4.9	7.3#
68	7.4	4.1	6.1#





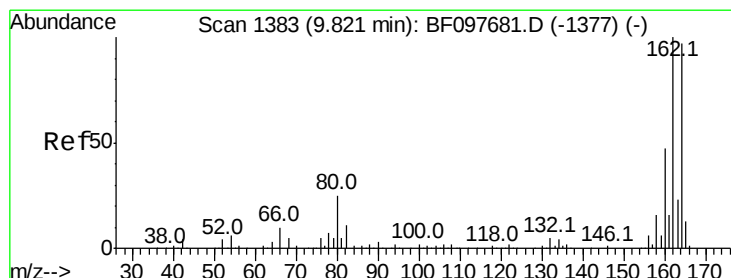
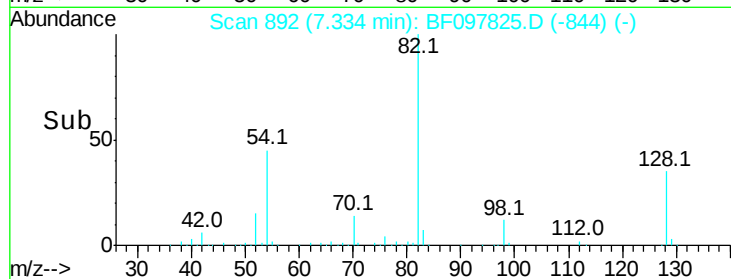
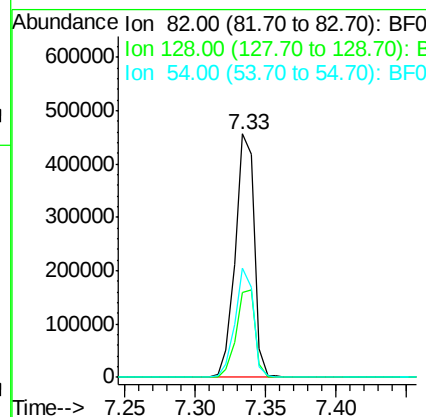
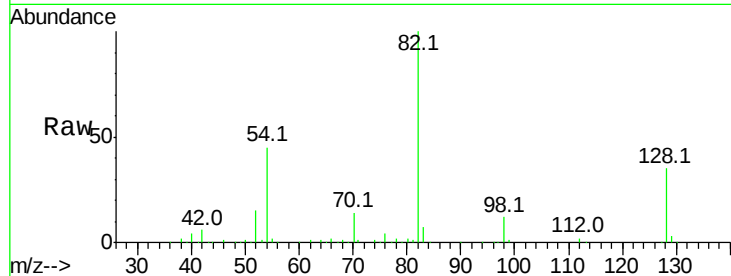
#23
Nitrobenzene-d5
Concen: 44.132 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESWRE

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.0	34.0	51.0	
54	44.7	42.2	63.2	

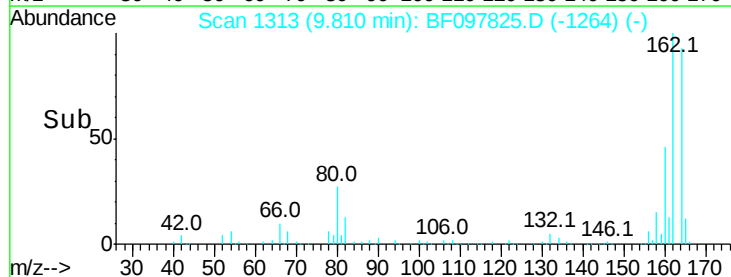
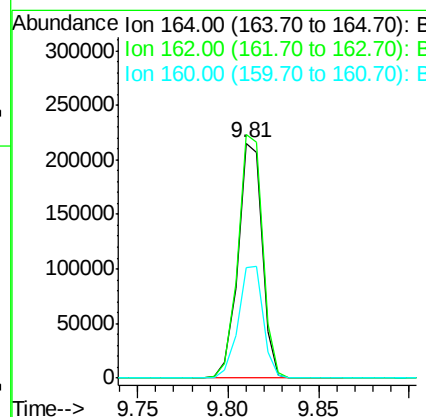
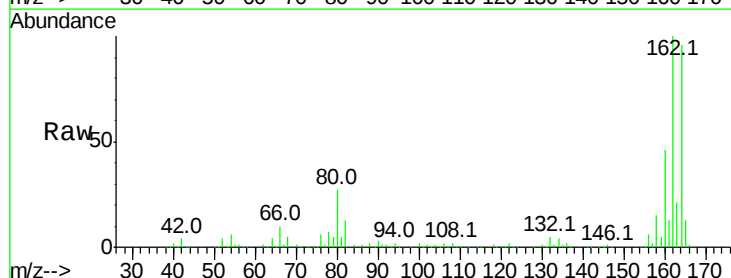
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.8	82.6	123.8	
160	47.3	36.2	54.2	





#41

2,4,6-Tribromophenol

Concen: 47.487 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF097825.D

Acq: 18 Aug 2017 10:14

Instrument :

BNA_F

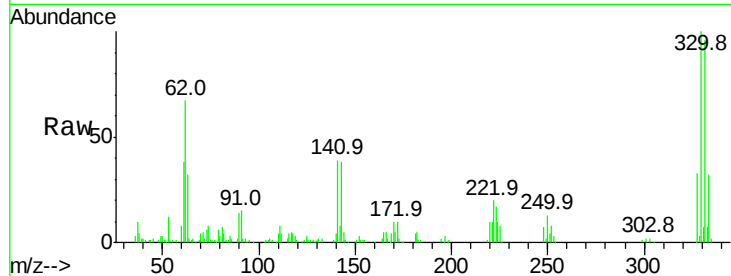
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E2-H10-ESWRE

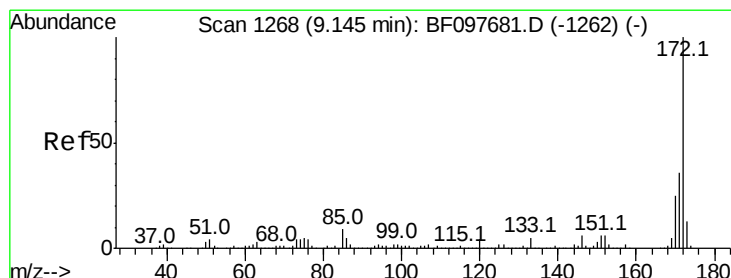
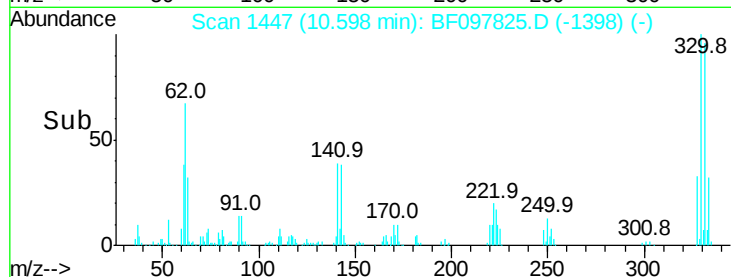
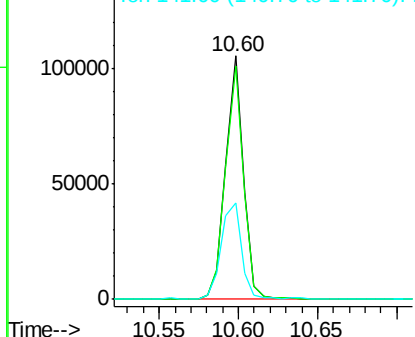
Tot Ion:	330	Resp:	82611
Ion Ratio	Lower	Upper	
330	100		
332	97.3	76.6	115.0
141	46.2	31.4	47.2

Manual Integrations
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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: 34.194 ng

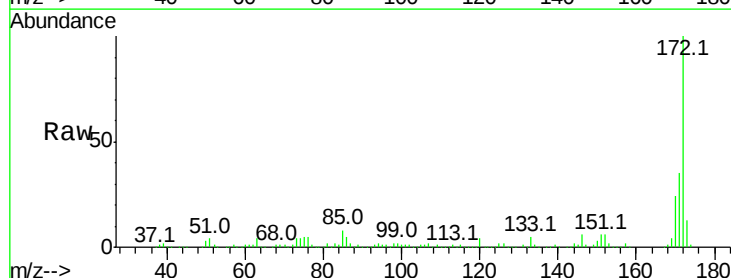
RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

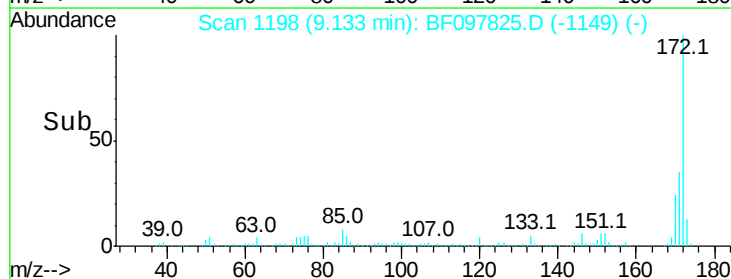
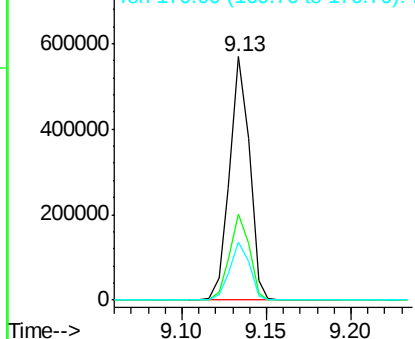
Lab File: BF097825.D

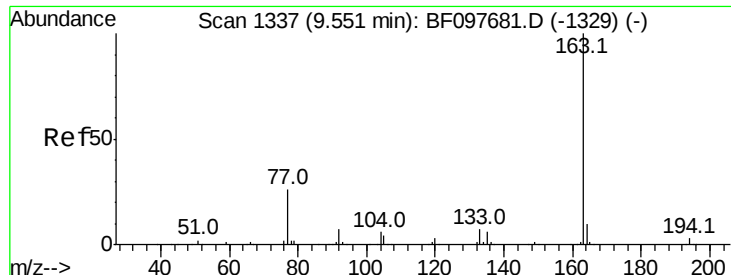
Acq: 18 Aug 2017 10:14

Tgt Ion:	172	Resp:	466642
Ion Ratio	Lower	Upper	
172	100		
171	35.3	29.6	44.4
170	24.1	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





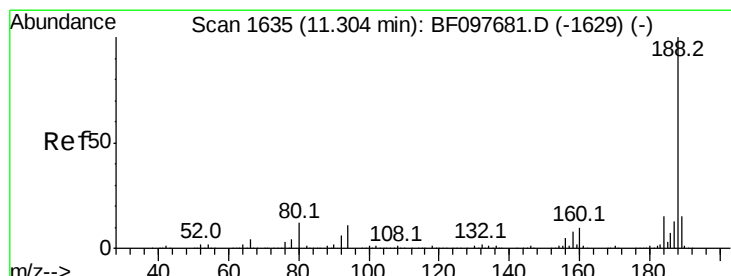
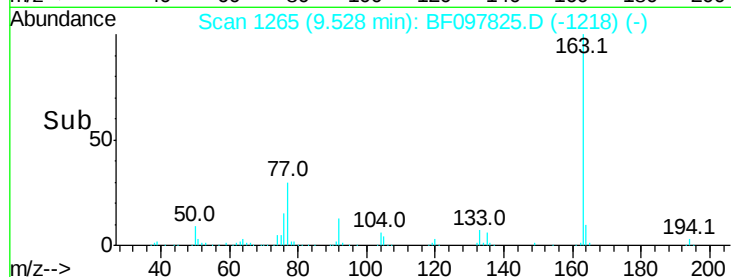
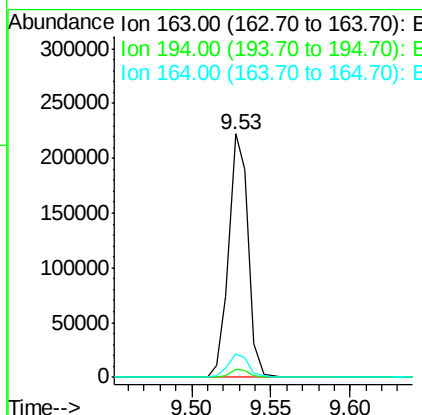
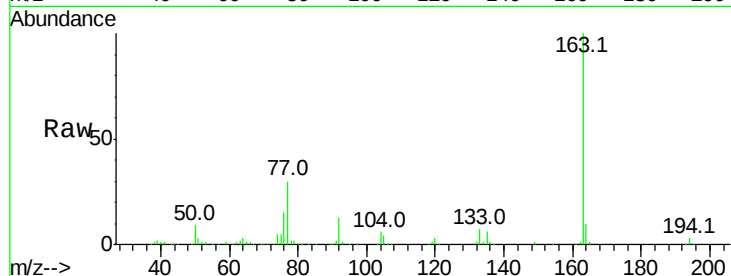
#49
Dimethylphthalate
Concen: 12.896 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESWRE

Tot Ion	Ratio	Resp	Lower	Upper
163	100	189000		
194	3.1	2.6	4.0	
164	9.5	8.4	12.6	

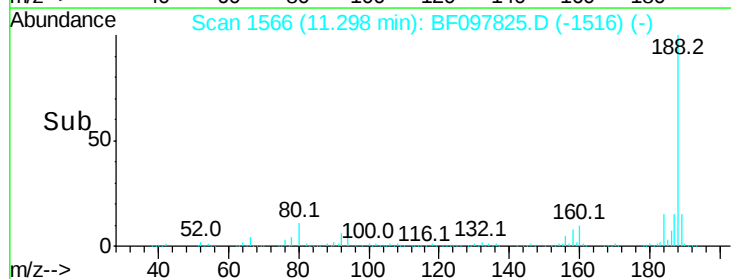
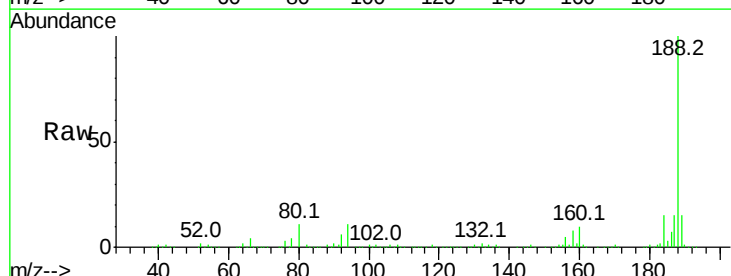
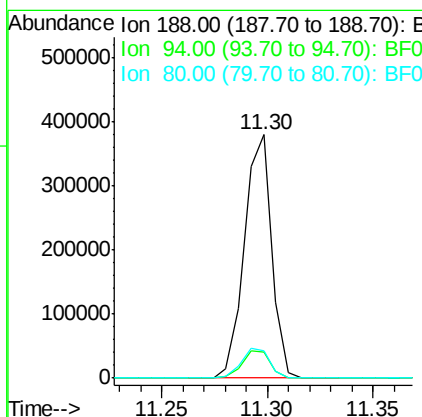
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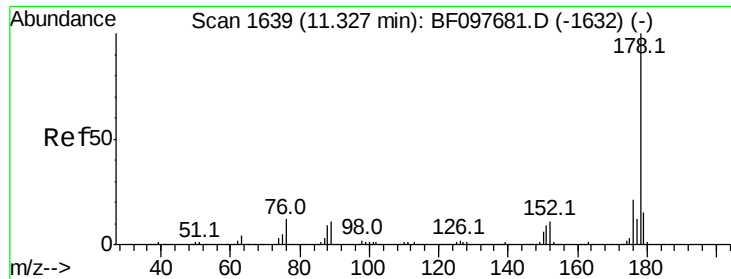
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	340343		
94	10.7	9.4	14.2	
80	11.2	10.2	15.2	





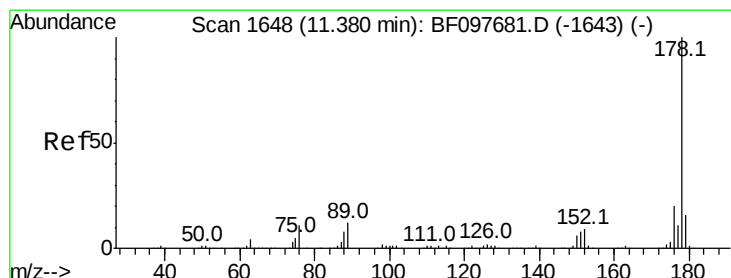
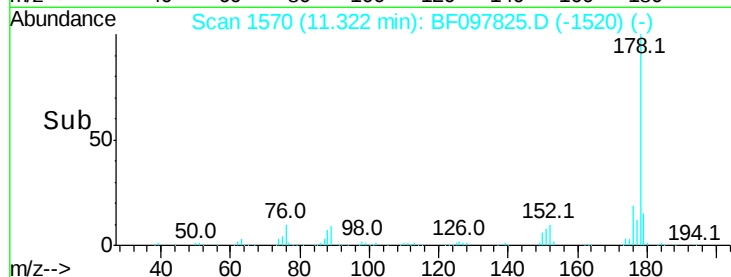
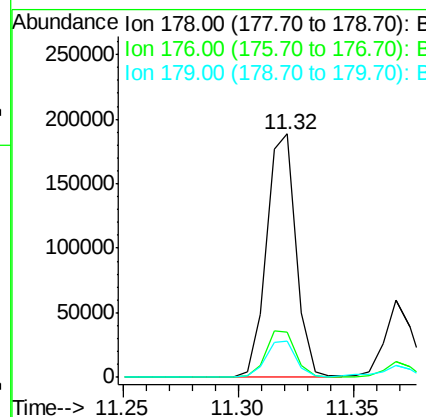
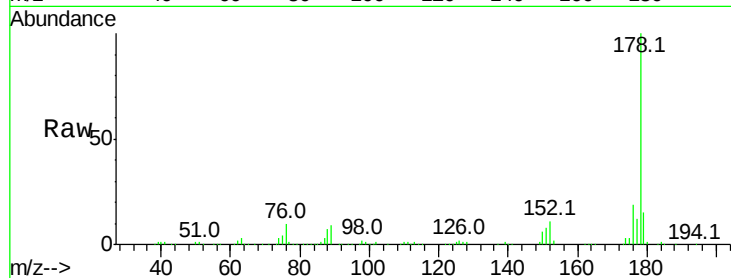
#70
Phenanthrene
Concen: 9.245 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESWRE

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.4
179	14.7	12.6	19.0

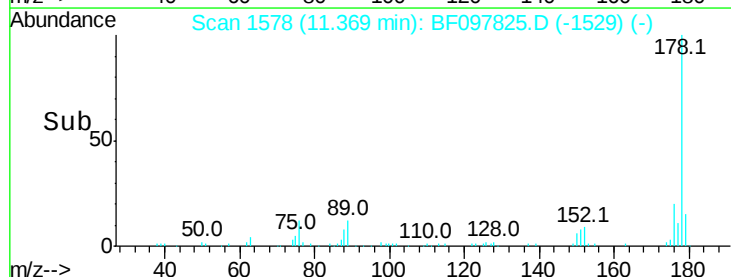
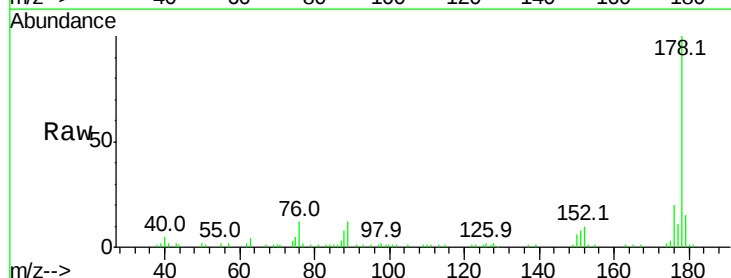
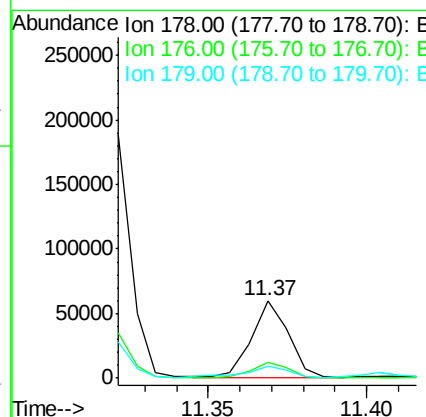
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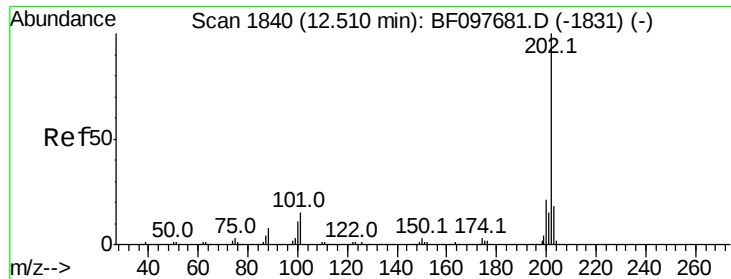
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#71
Anthracene
Concen: 2.586 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.2	12.7	19.1





#74

Fluoranthene

Concen: 18.038 ng

RT: 12.50 min Scan# 1771

Delta R.T. -0.01 min

Lab File: BF097825.D

Acq: 18 Aug 2017 10:14

Instrument :

BNA_F

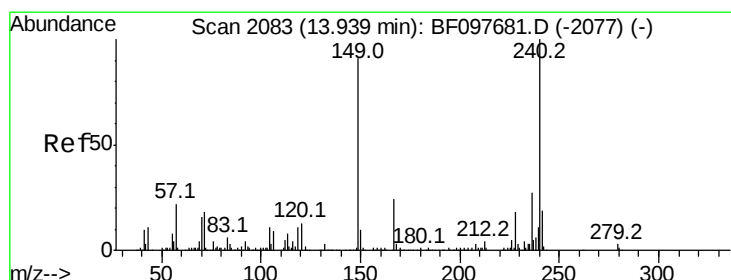
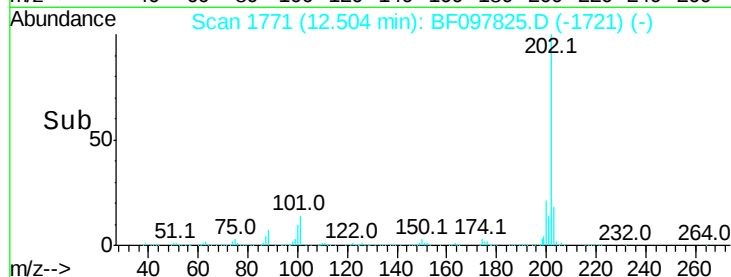
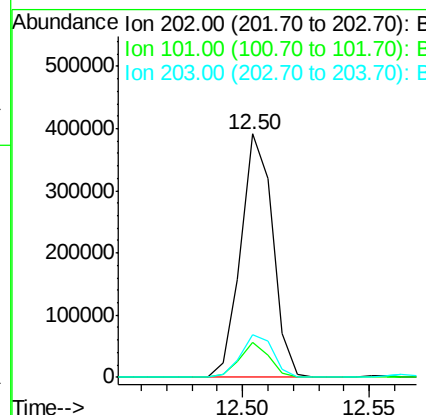
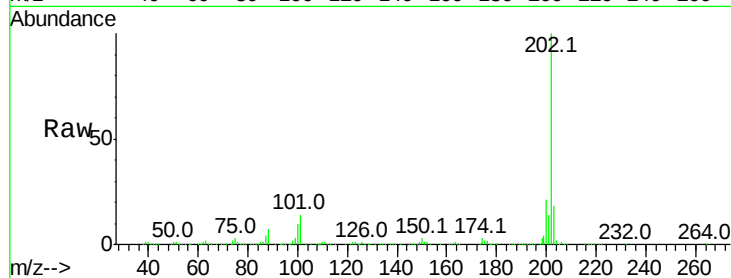
ClientSampleId :

E2-H10-ESWRE

Tot Ion	Ratio	Resp	Lower	Upper
202	100	341459		
101	14.2	0.0	33.2	
203	17.6	0.0	38.1	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

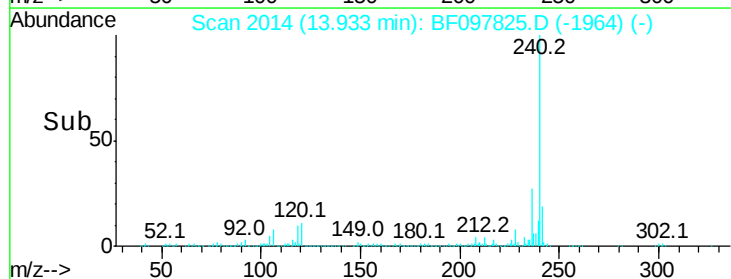
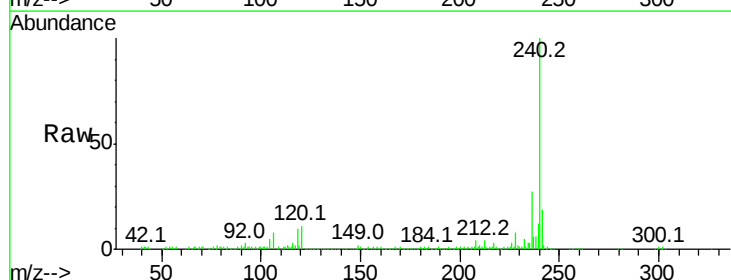
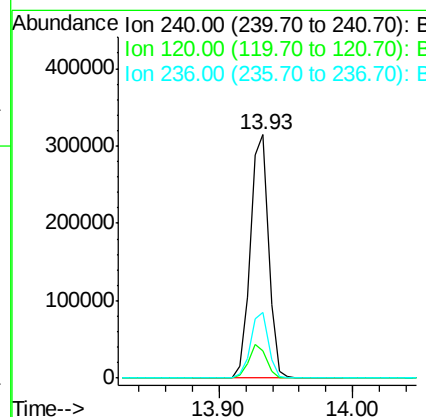
RT: 13.93 min Scan# 2014

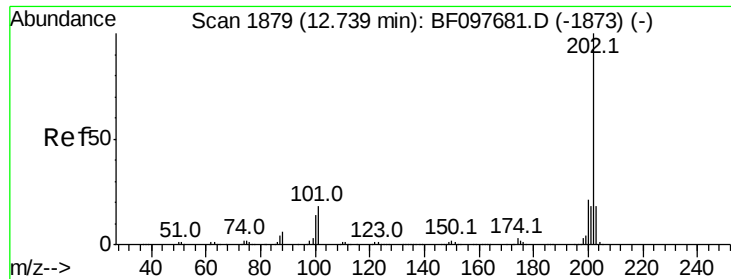
Delta R.T. -0.01 min

Lab File: BF097825.D

Acq: 18 Aug 2017 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	296428		
120	11.5	5.8	8.8#	
236	27.2	20.5	30.7	





#77

Pvrene

Concen: 14.850 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF097825.D

Acq: 18 Aug 2017 10:14

Instrument :

BNA_F

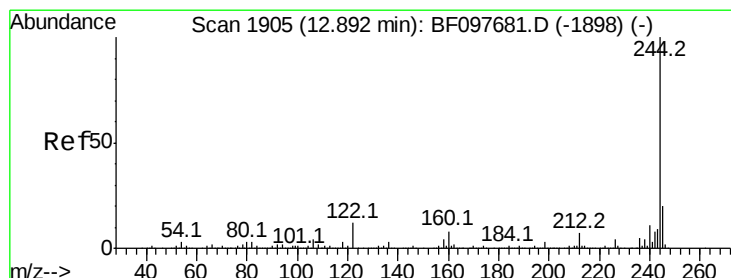
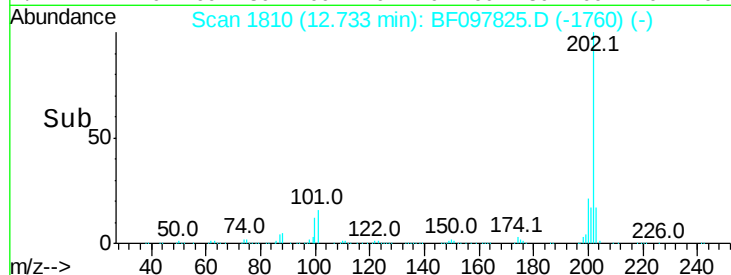
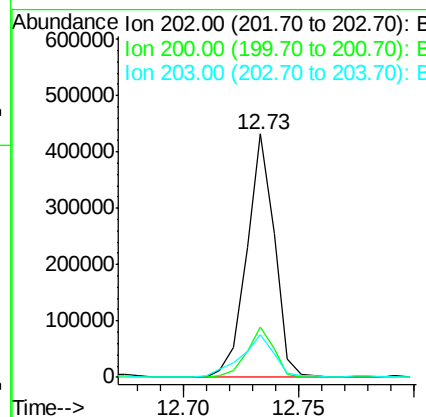
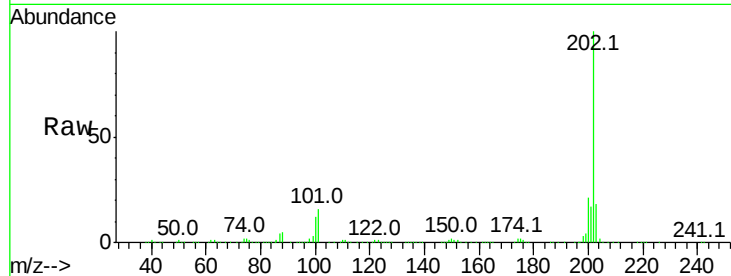
ClientSampleId :

E2-H10-ESWRE

Tot Ion:	202	Resp:	360024
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.6	26.4
203	17.5	14.4	21.6

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#78

Terphenyl-d14

Concen: 22.898 ng

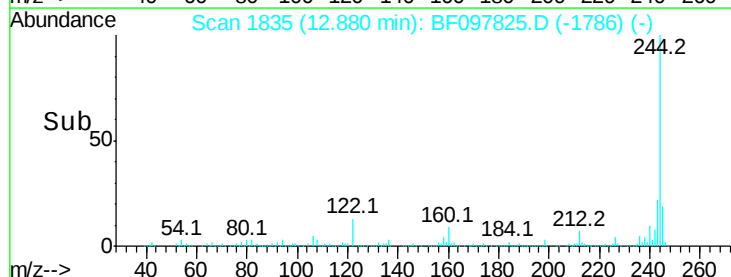
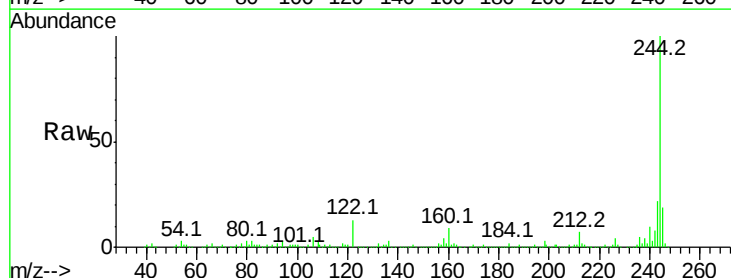
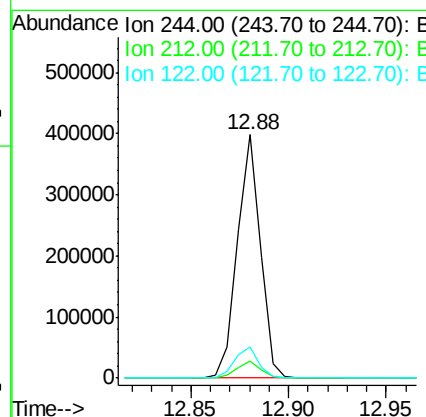
RT: 12.88 min Scan# 1835

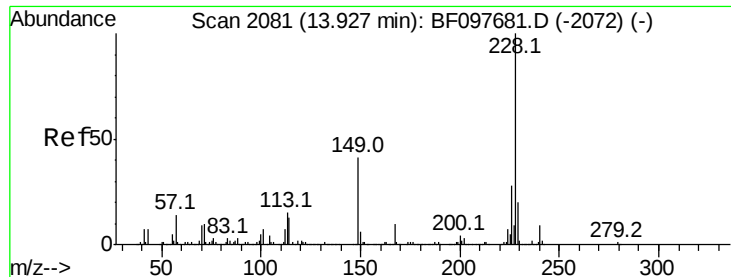
Delta R.T. -0.01 min

Lab File: BF097825.D

Acq: 18 Aug 2017 10:14

Tgt Ion:	244	Resp:	325493
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.0	9.0
122	12.8	10.3	15.5





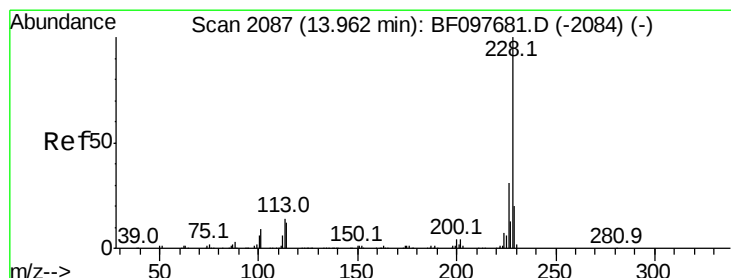
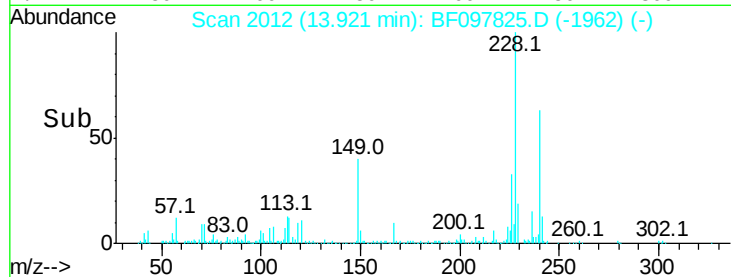
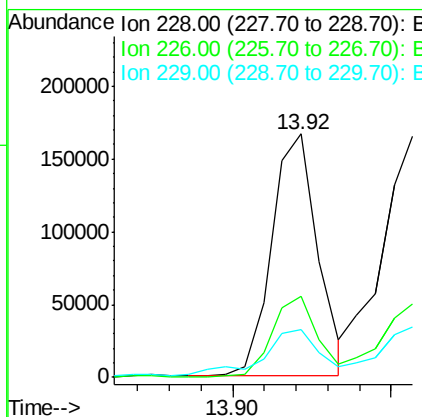
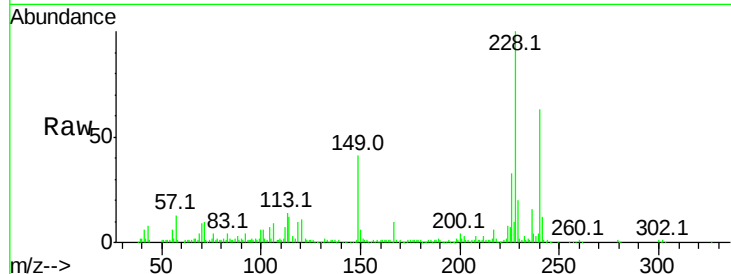
#80
Benzo(a)anthracene
Concen: 9.482 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESWRE

Tot Ion	Ratio	Resp	Lower	Upper
228	100	168451		
226	33.2	22.6	33.8	
229	19.6	16.3	24.5	

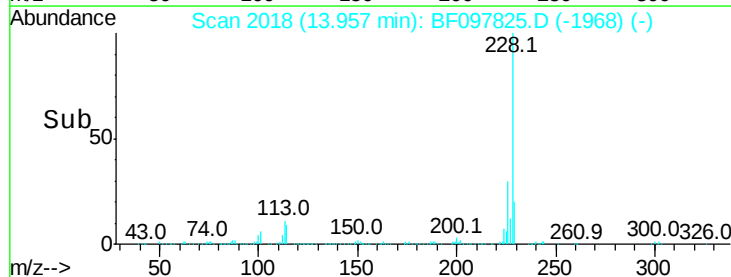
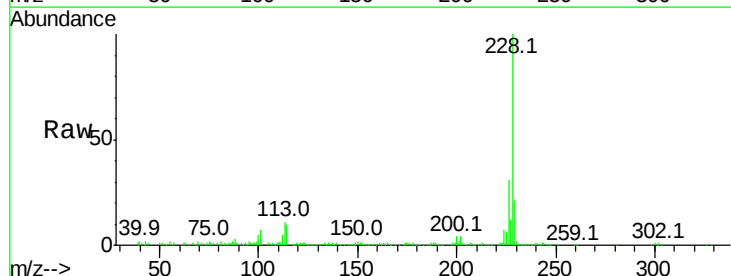
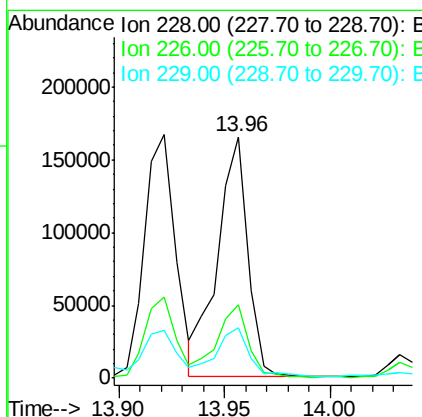
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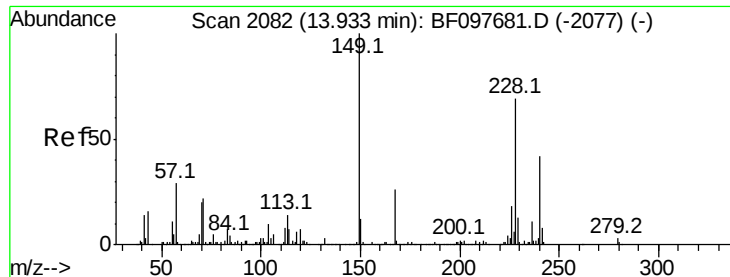
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#82
Chrysene
Concen: 9.294 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	164258		
226	30.5	24.9	37.3	
229	20.8	15.8	23.6	





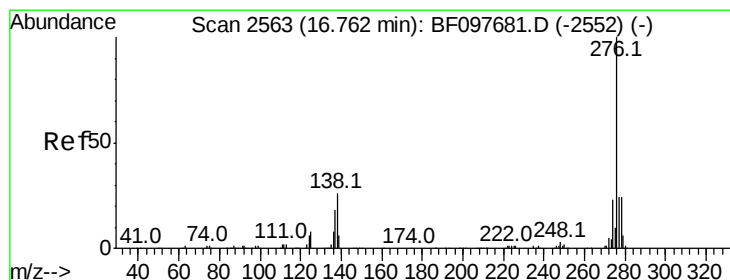
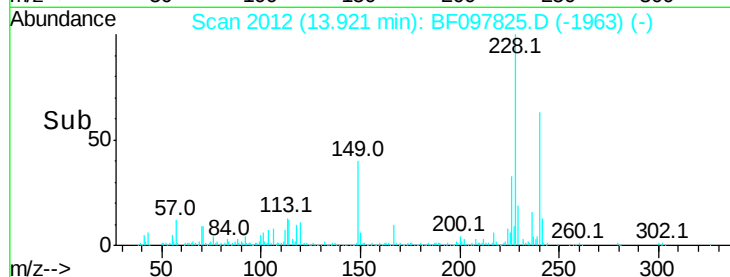
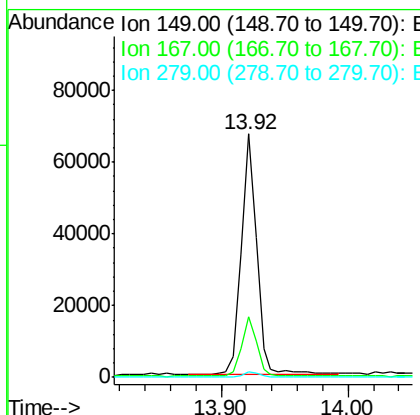
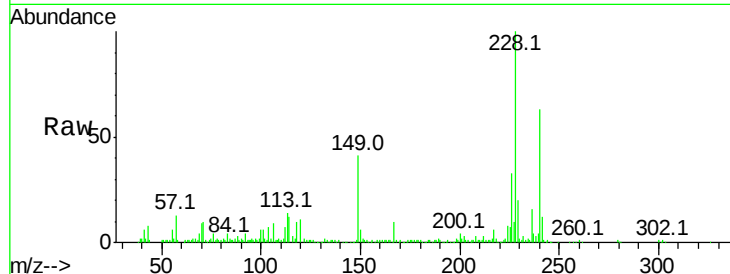
#83
Bis(2-ethylhexyl)phthalate
Concen: 5.499 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESWRE

Tot Ion	Ratio	Resp	Lower	Upper
149	100	56643		
167	24.9	21.0	31.4	
279	2.3	1.9	2.9	

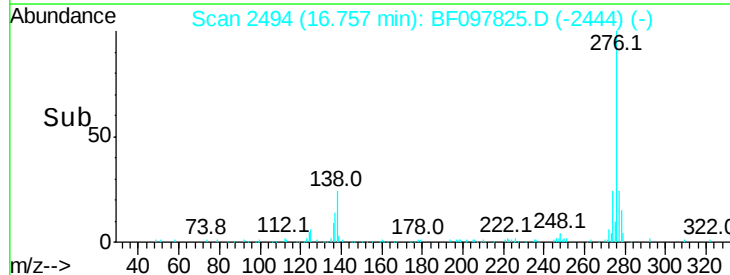
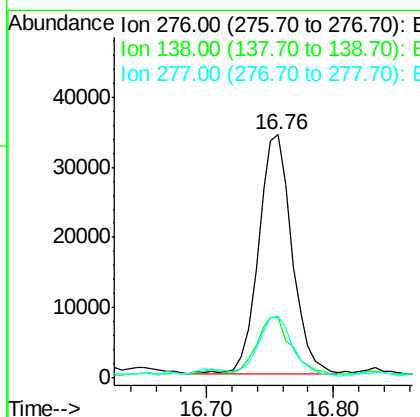
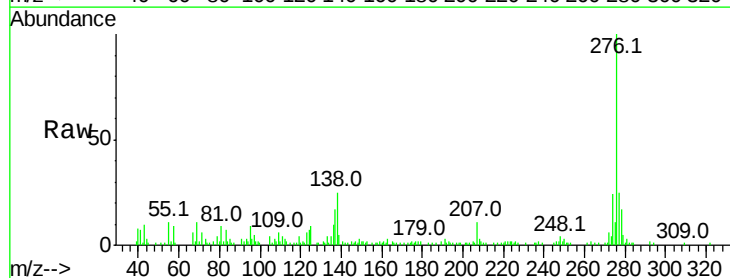
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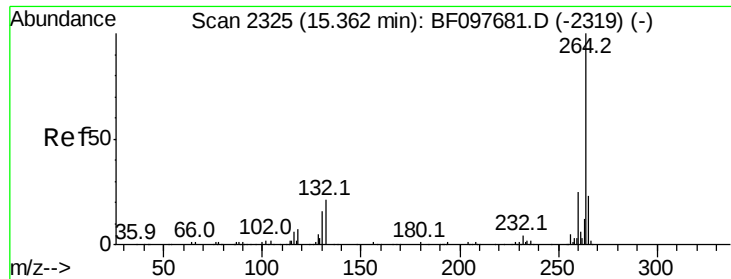
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#85
Indeno(1,2,3-cd)pyrene
Concen: 4.846 ng
RT: 16.76 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	63001		
138	26.7	27.8	41.6#	
277	25.0	20.2	30.4	





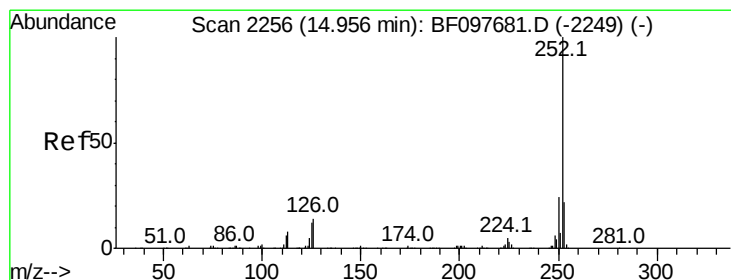
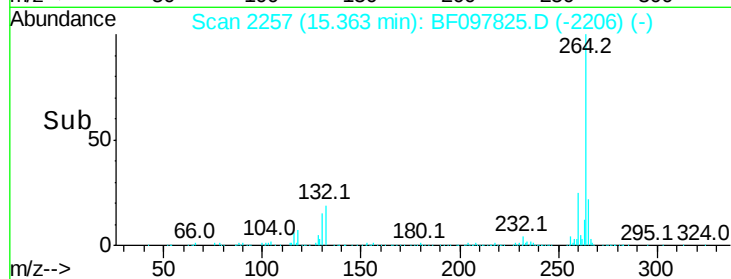
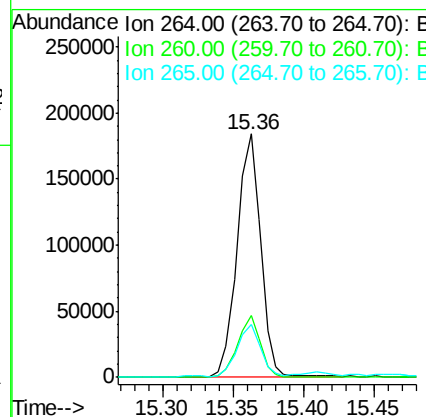
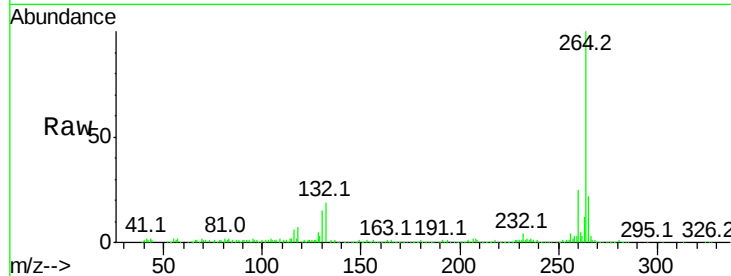
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESWRE

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	25.2	19.5	29.3	
265	21.9	17.2	25.8	

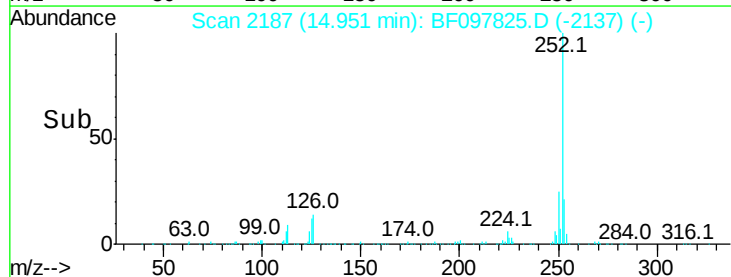
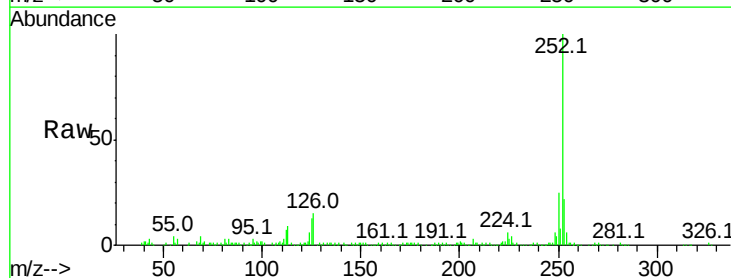
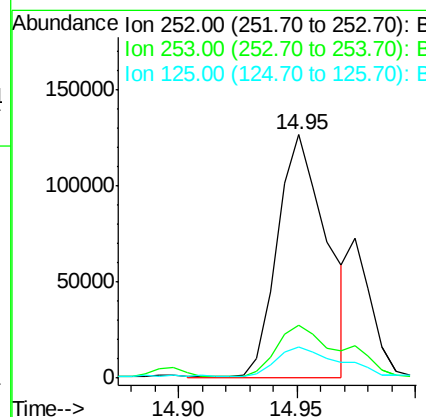
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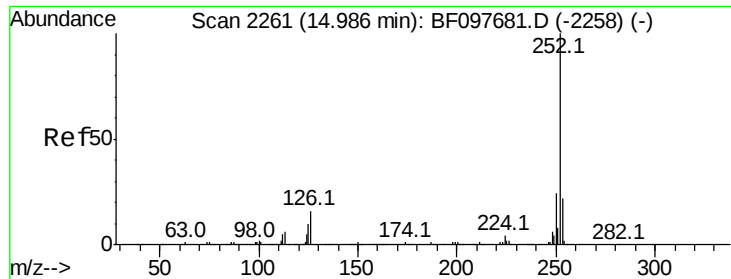
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#87
Benzo(b)fluoranthene
Concen: 13.341 ng m
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	21.9	18.1	27.1	
125	12.7	9.8	14.8	





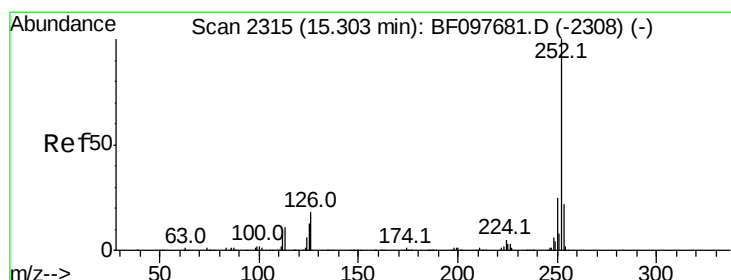
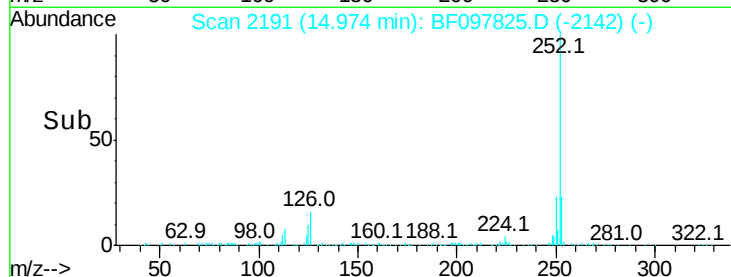
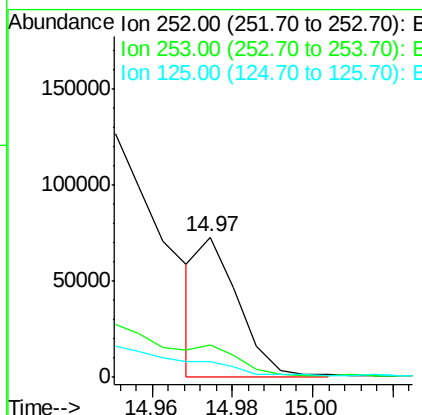
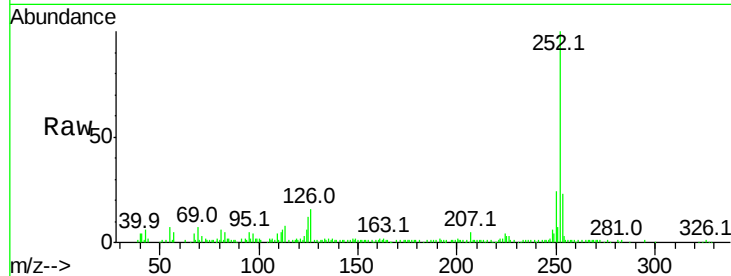
#88
Benzo(k)fluoranthene
Concen: 3.918 ng m
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESWRE

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	11.7	13.1	19.7

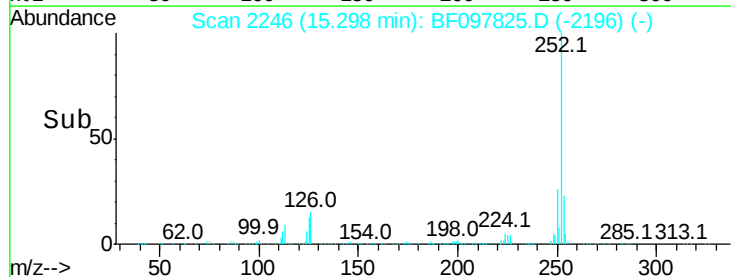
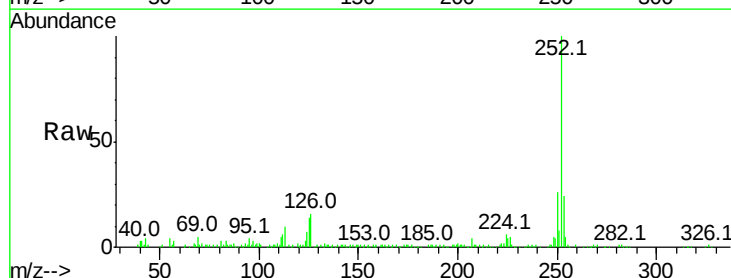
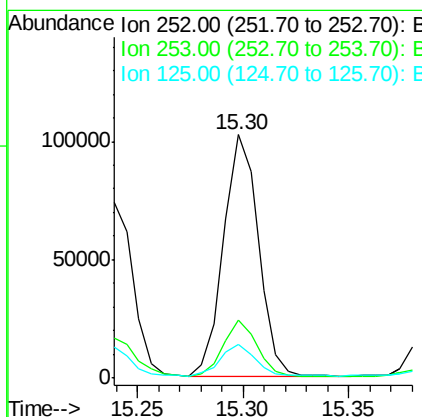
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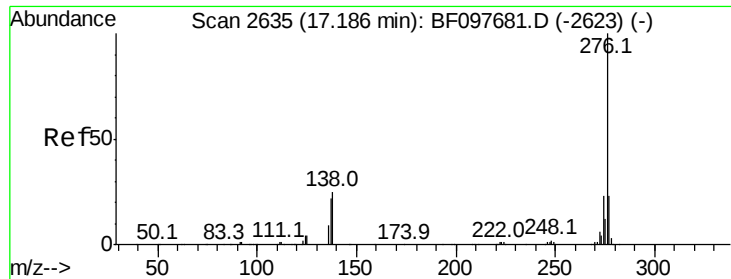
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#89
Benzo(a)pyrene
Concen: 9.673 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	13.8	11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 6.087 ng
 RT: 17.17 min Scan# 2565
 Delta R.T. -0.01 min
 Lab File: BF097825.D
 Acq: 18 Aug 2017 10:14

Instrument :
 BNA_F
 ClientSampleId :
 E2-H10-ESWRE

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	25.8	25.4	38.0

Manual Integrations
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