

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097728.D
 Acq On : 16 Aug 2017 9:12
 Operator : SJ/JU
 Sample : I4703-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-H10-ESW

Manual Integrations
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Sohil
 8/16/2017 6:49:29 PM

Quant Time: Aug 16 12:16:44 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	6.79	152	148849	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	554242	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	212678	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	316191	20.00	ng	0.00
75) Chrysene-d12	13.94	240	303314	20.00	ng	0.00
86) Perylene-d12	15.37	264	227580	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	565763	57.81	ng	0.00
7) Phenol-d6	6.41	99	739210	55.60	ng	0.00
23) Nitrobenzene-d5	7.35	82	442562	43.38	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	83282	45.13	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	499902	34.53	ng	0.00
78) Terphenyl-d14	12.89	244	284875	19.59	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Dimethylphthalate	9.54	163	199103	12.807	ng	99
70) Phenanthrene	11.33	178	153864	9.132	ng	98
71) Anthracene	11.37	178	42553	2.490	ng	97
74) Fluoranthene	12.52	202	298235	16.958	ng	98
77) Pyrene	12.74	202	316361	12.753	ng	98
80) Benzo(a)anthracene	13.93	228	179089	9.852	ng	95
82) Chrysene	13.96	228	158697	8.776	ng	97
83) Bis(2-ethylhexyl)phthalate	13.93	149	47303	4.488	ng	98
85) Indeno(1,2,3-cd)pyrene	16.76	276	60142	4.521	ng	94
87) Benzo(b)fluoranthene	14.96	252	190479m	13.278	ng	
88) Benzo(k)fluoranthene	14.99	252	68995m	5.119	ng	
89) Benzo(a)pyrene	15.31	252	126015	9.923	ng	98
91) Benzo(a,h,i)perylene	17.19	276	57366	5.318	ng	94

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

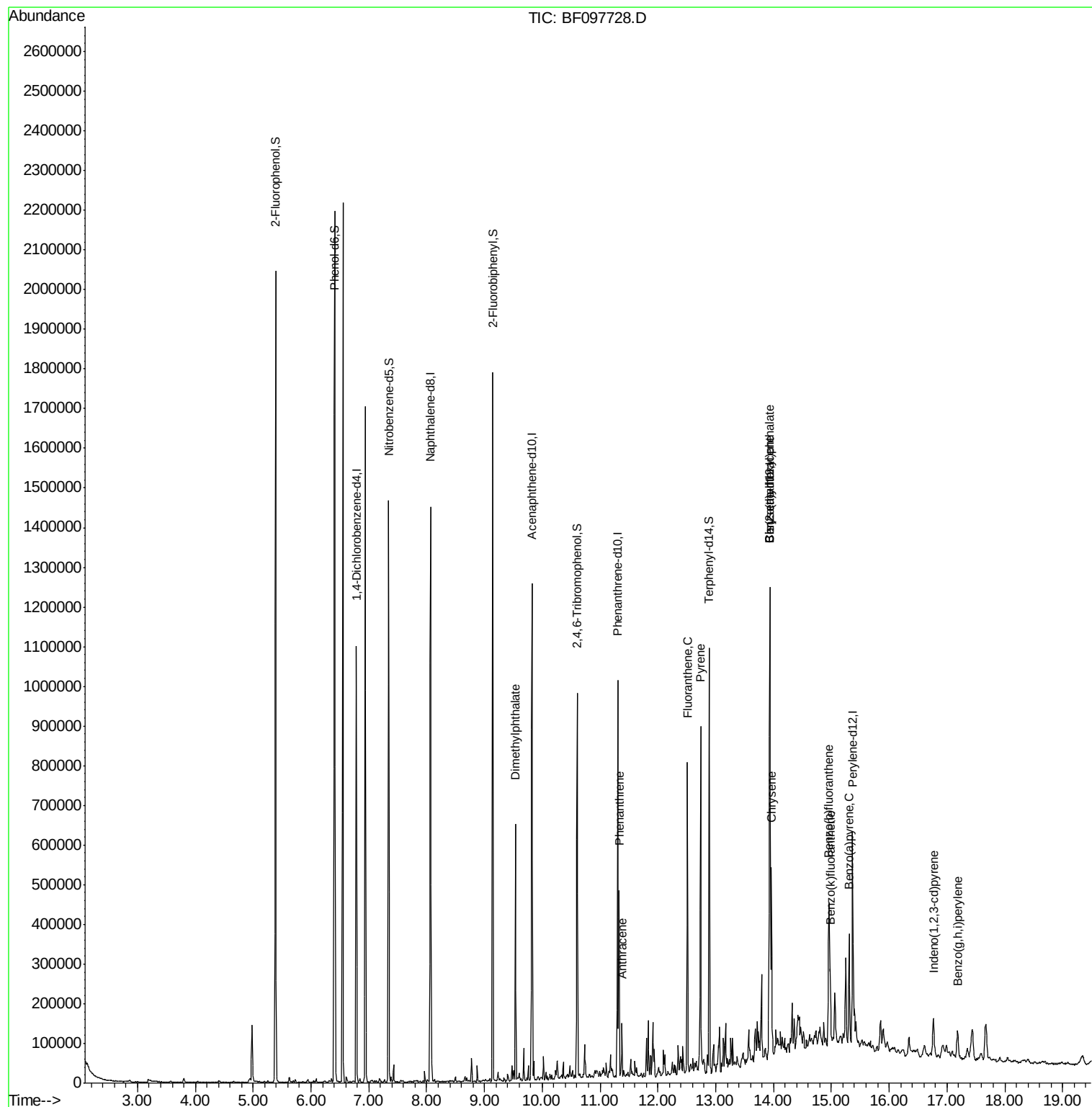
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097728.D
Acq On : 16 Aug 2017 9:12
Operator : SJ/JU
Sample : I4703-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

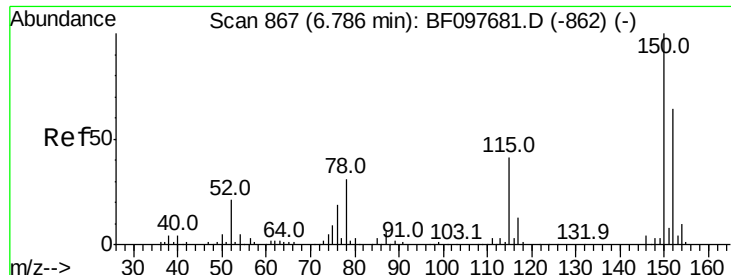
Instrument :
BNA_F
ClientSampled :
E2-H10-ESW

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Quant Time: Aug 16 12:16:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

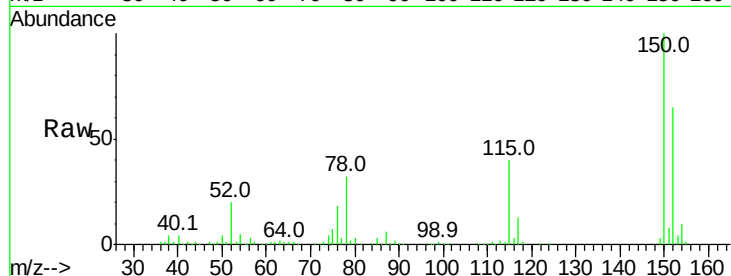
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESW

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.2	189.2
115	61.3	52.2	78.2

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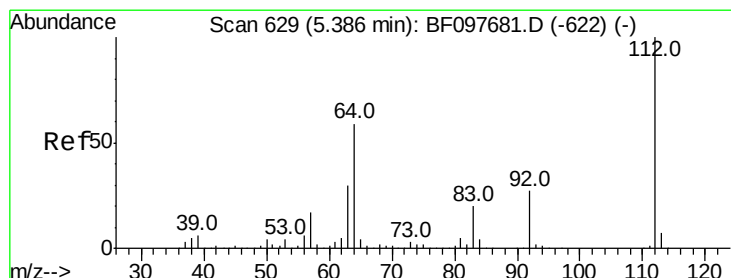
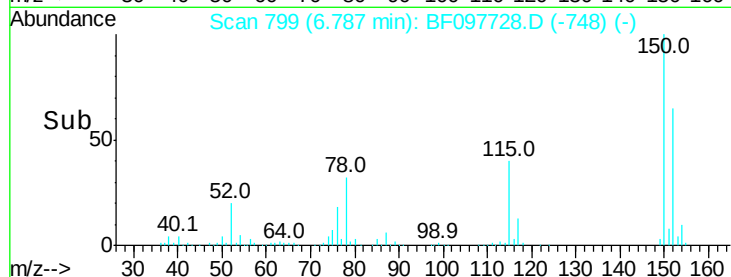
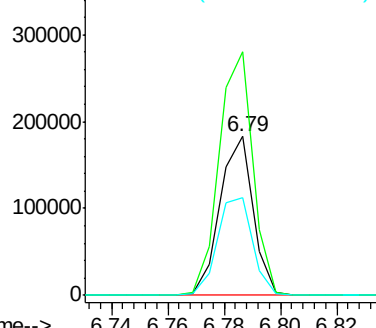


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

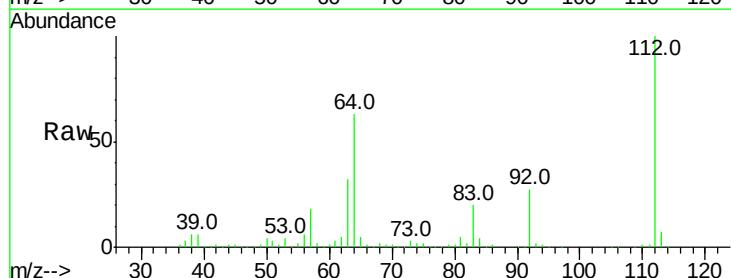
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 57.815 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	46.0	69.0
63	31.6	23.4	35.0

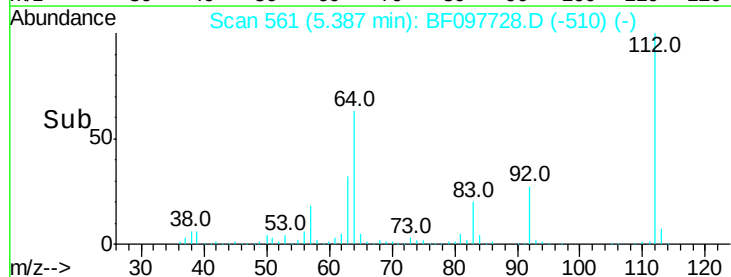
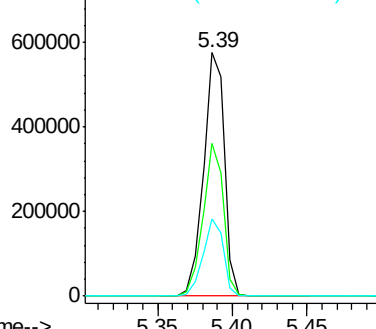


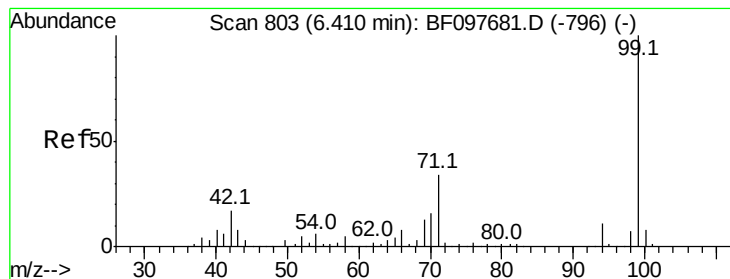
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 55.596 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097728.D

Acq: 16 Aug 2017 9:12

Instrument :

BNA_F

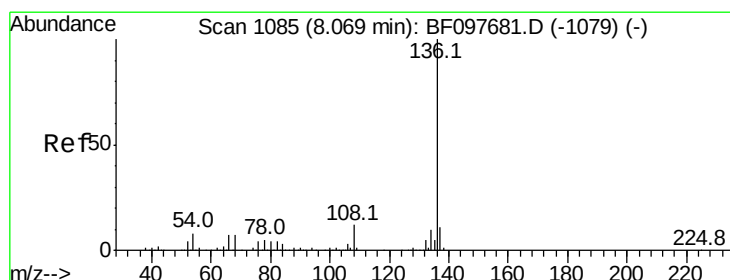
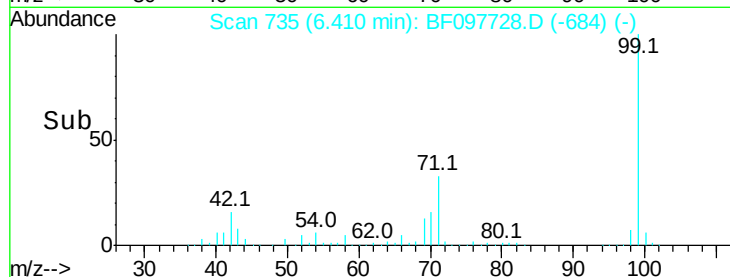
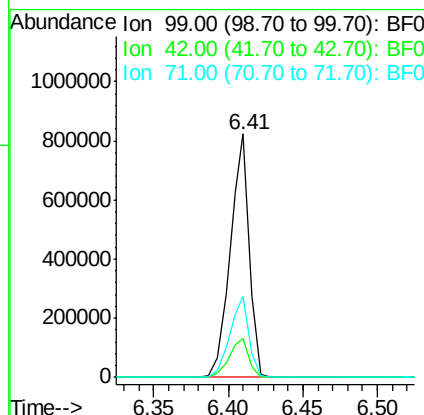
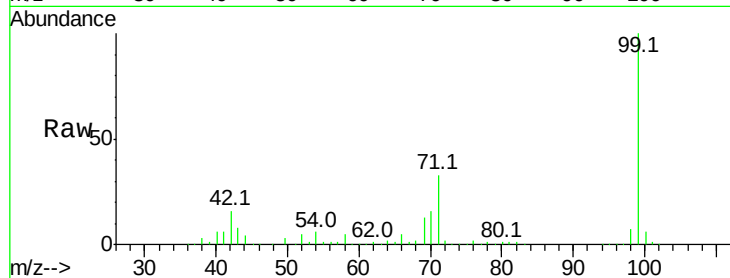
ClientSampled :

E2-H10-ESW

Tot Ion	Ratio	Resp	Lower	Upper
99	100	739210		
42	16.0		13.5	20.3
71	33.3		24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

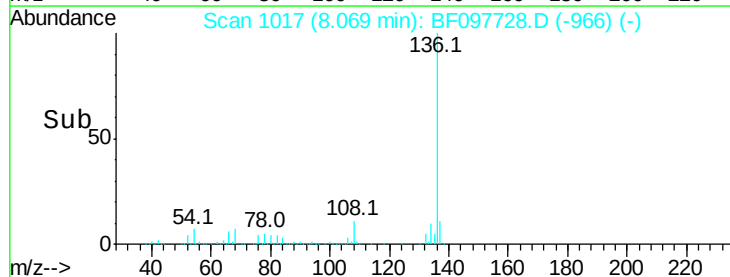
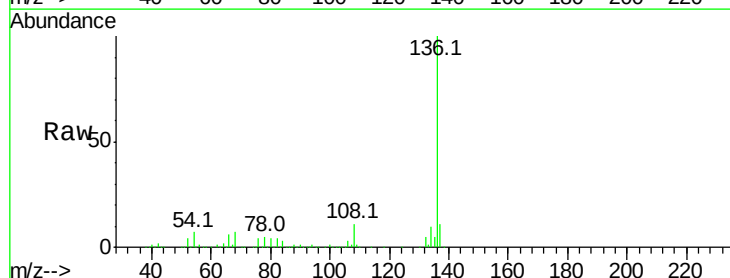
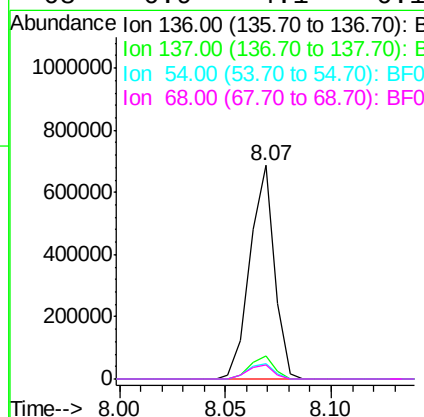
RT: 8.07 min Scan# 1017

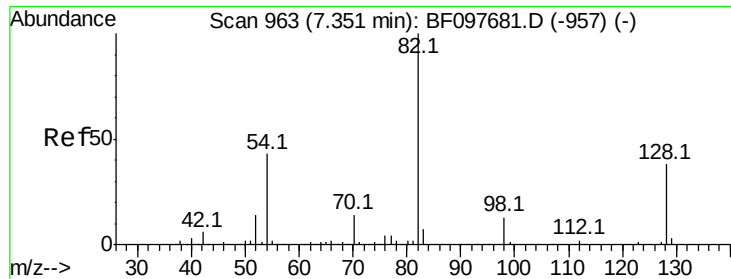
Delta R.T. 0.00 min

Lab File: BF097728.D

Acq: 16 Aug 2017 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	554242		
137	11.1		8.5	12.7
54	7.4		4.9	7.3#
68	6.9		4.1	6.1#





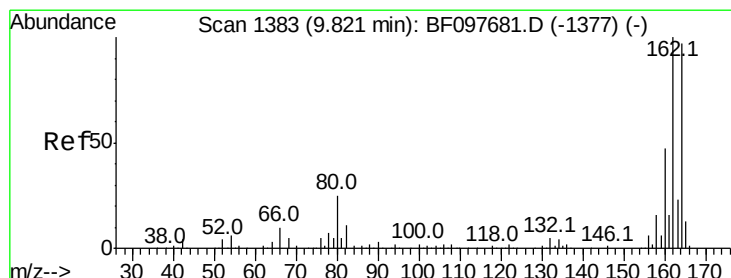
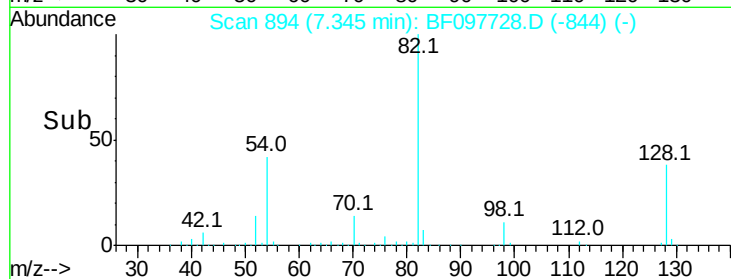
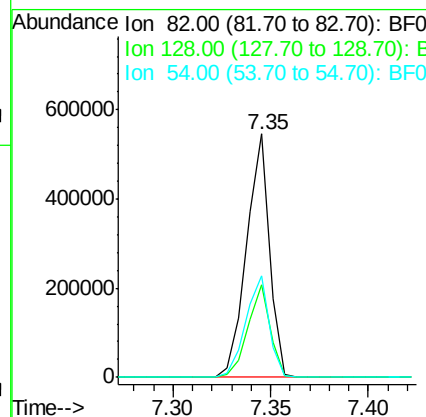
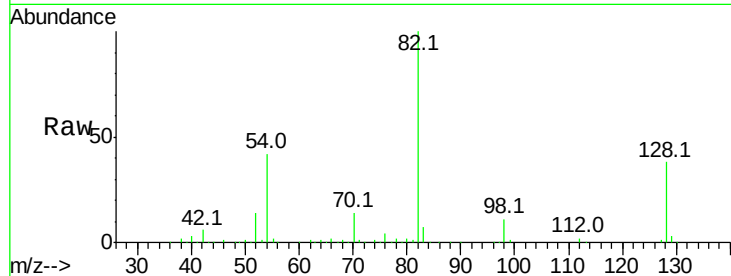
#23
Nitrobenzene-d5
Concen: 43.378 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESW

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.2	34.0	51.0	
54	42.0	42.2	63.2	

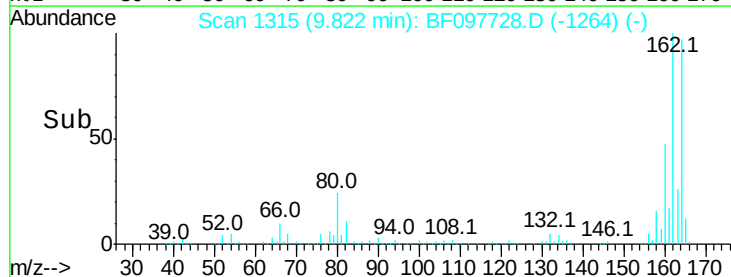
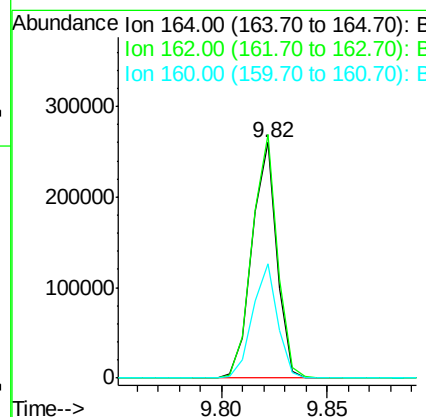
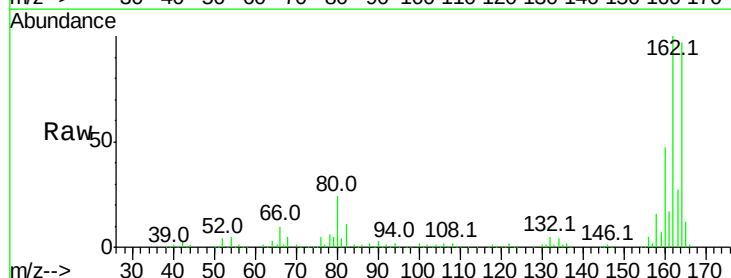
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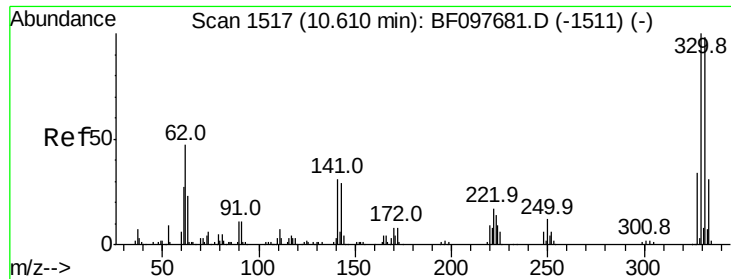
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.3	82.6	123.8	
160	48.4	36.2	54.2	





#41

2,4,6-Tribromophenol

Concen: 45.131 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF097728.D

Acq: 16 Aug 2017 9:12

Instrument :

BNA_F

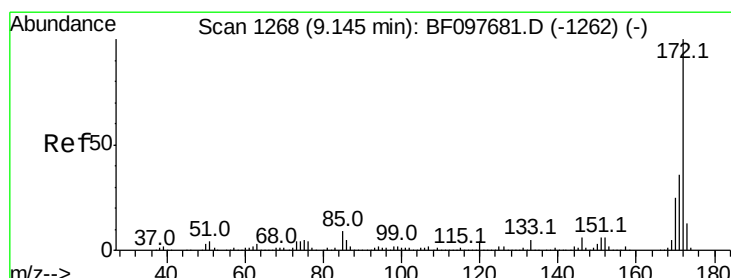
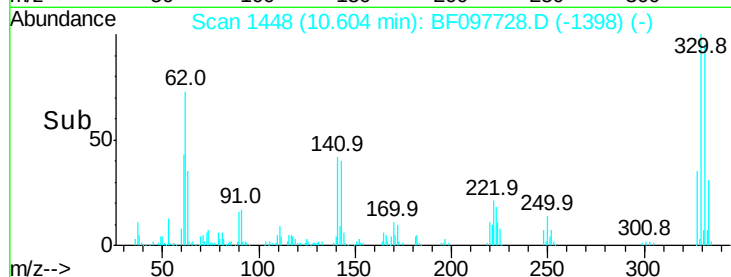
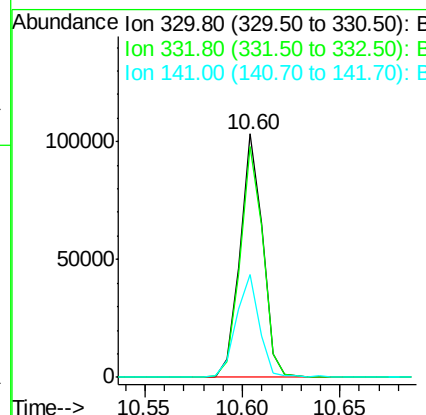
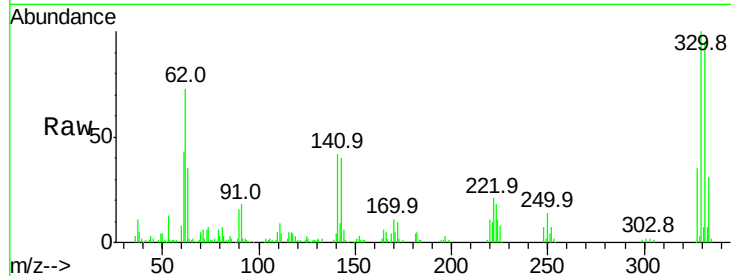
ClientSampled :

E2-H10-ESW

Tot Ion:	330	Resp:	83282
Ion Ratio	Lower	Upper	
330	100		
332	95.6	76.6	115.0
141	43.6	31.4	47.2

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#44

2-Fluorobiphenyl

Concen: 34.534 ng

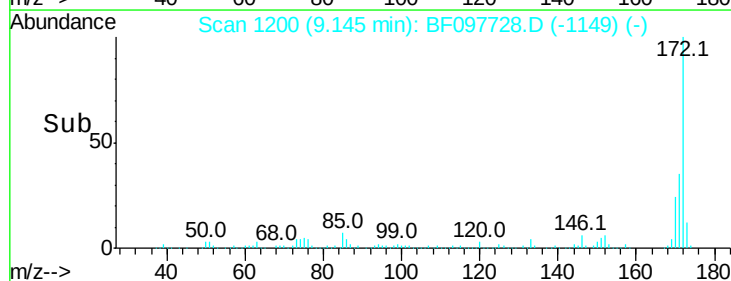
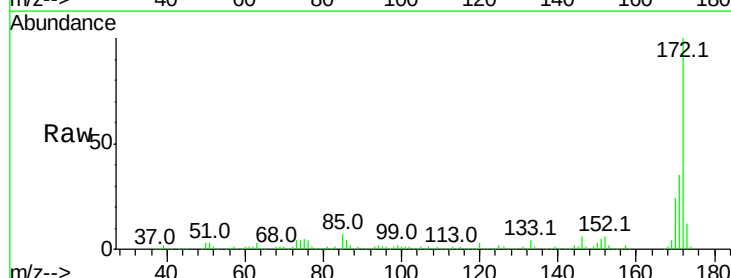
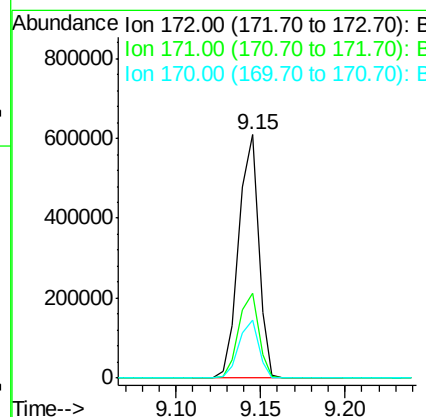
RT: 9.15 min Scan# 1200

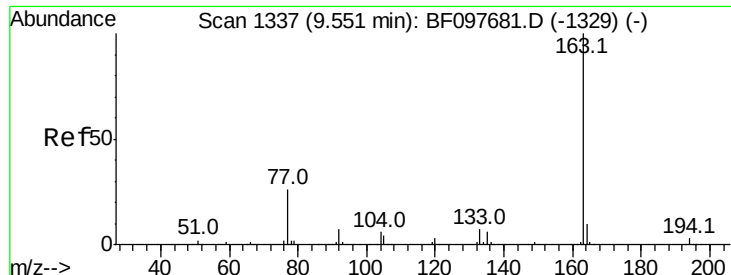
Delta R.T. 0.00 min

Lab File: BF097728.D

Acq: 16 Aug 2017 9:12

Tgt Ion:	172	Resp:	499902
Ion Ratio	Lower	Upper	
172	100		
171	34.6	29.6	44.4
170	24.0	19.8	29.8





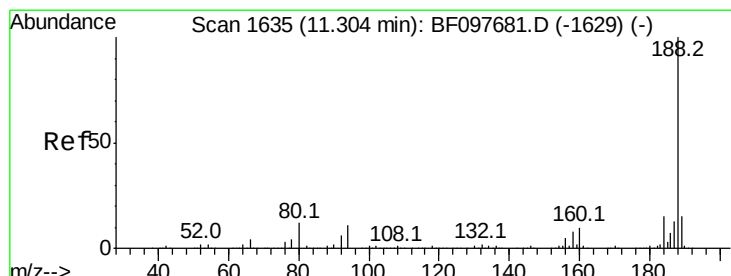
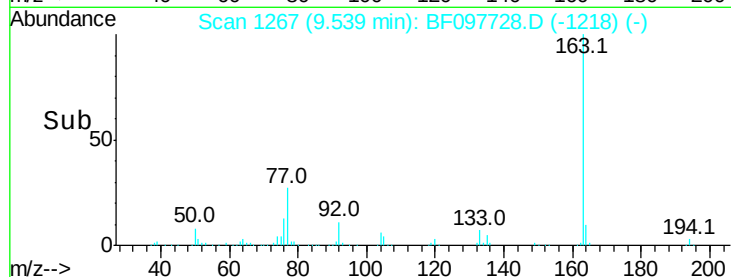
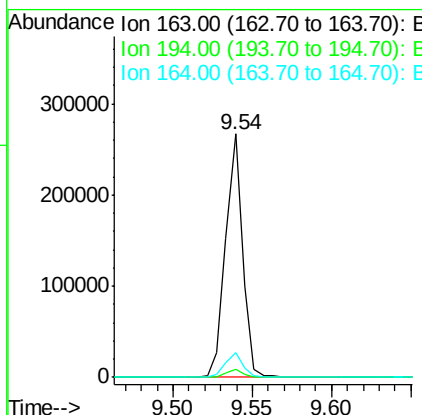
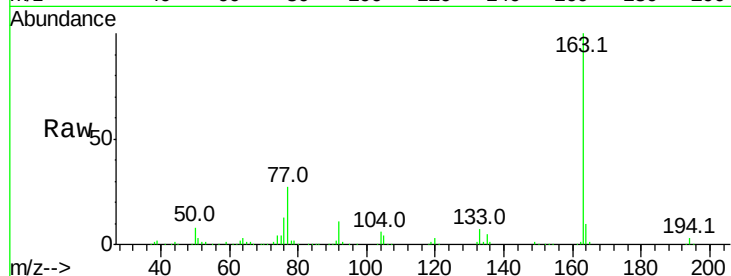
#49
Dimethylphthalate
Concen: 12.807 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESW

Tot Ion	Ratio	Resp	Lower	Upper
163	100	199103		
194	3.5	2.6	4.0	
164	10.2	8.4	12.6	

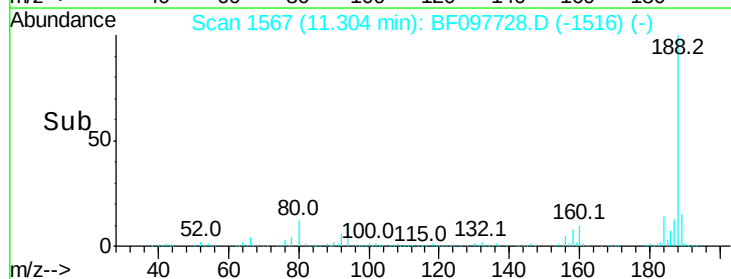
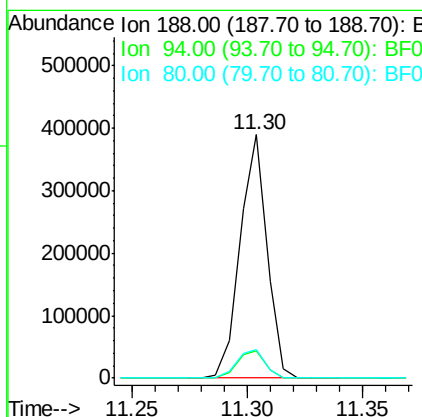
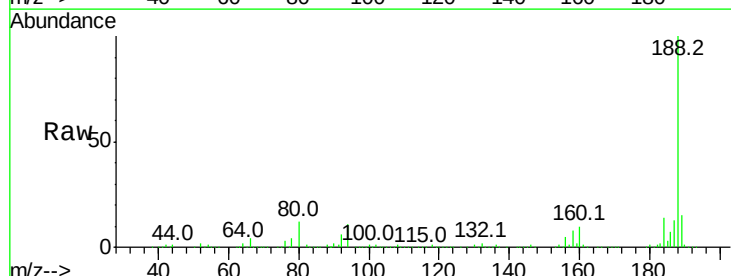
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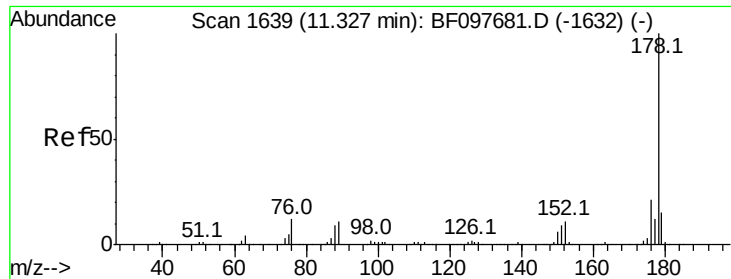
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	316191		
94	11.1	9.4	14.2	
80	11.8	10.2	15.2	





#70

Phenanthrene

Concen: 9.132 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF097728.D

Acq: 16 Aug 2017 9:12

Instrument :

BNA_F

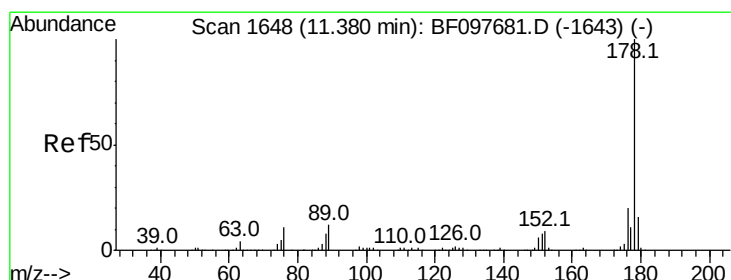
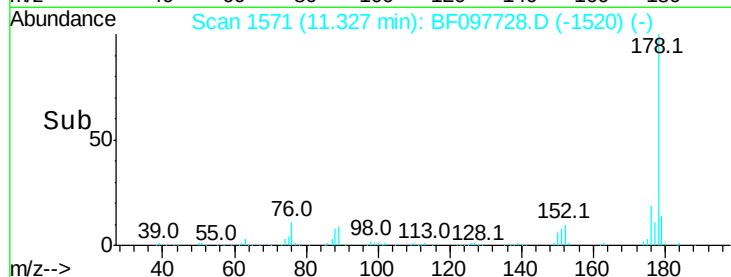
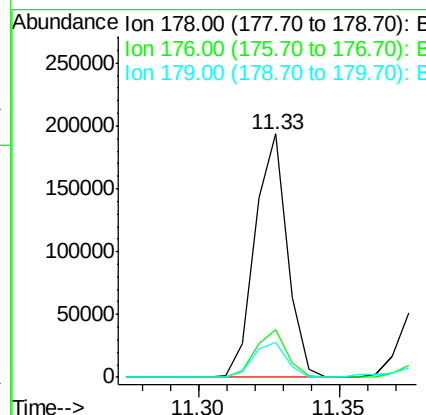
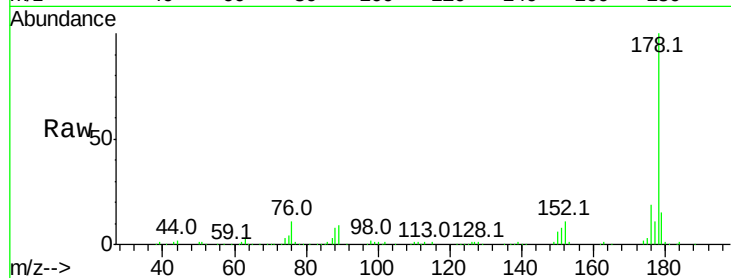
ClientSampleId :

E2-H10-ESW

Tot Ion:	178	Resp:	153864
Ion Ratio	Lower	Upper	
178	100		
176	19.4	16.2	24.4
179	14.5	12.6	19.0

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#71

Anthracene

Concen: 2.490 ng

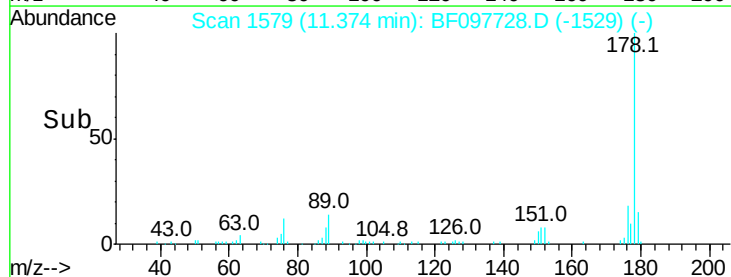
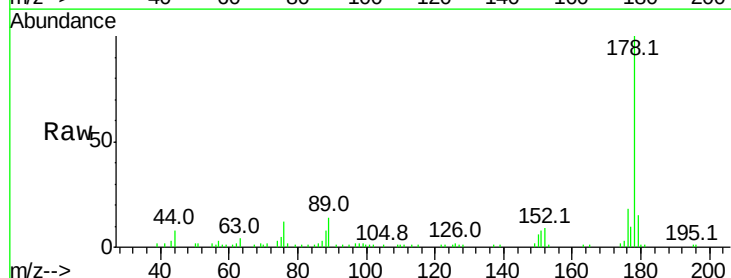
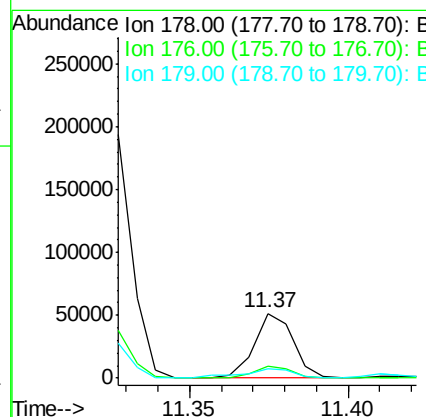
RT: 11.37 min Scan# 1579

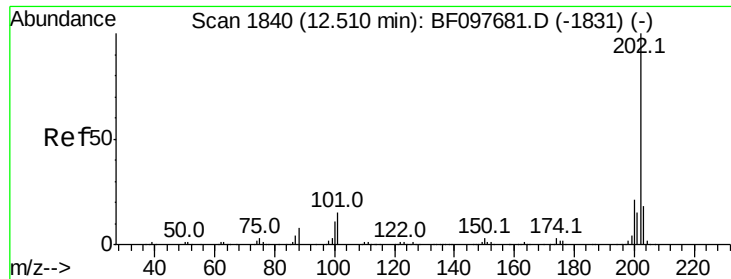
Delta R.T. -0.01 min

Lab File: BF097728.D

Acq: 16 Aug 2017 9:12

Tgt Ion:	178	Resp:	42553
Ion Ratio	Lower	Upper	
178	100		
176	18.3	15.8	23.8
179	15.1	12.7	19.1





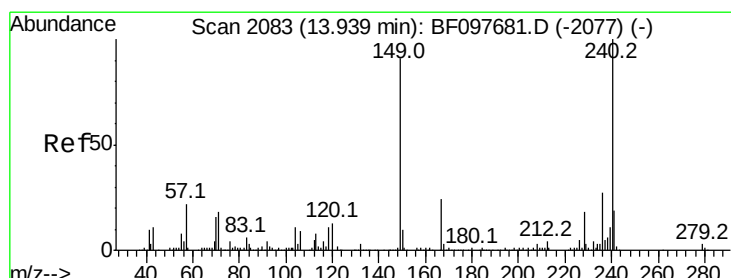
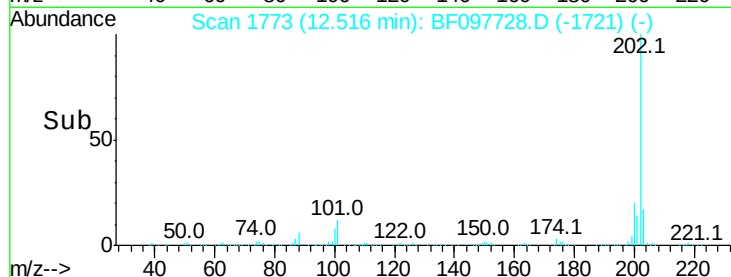
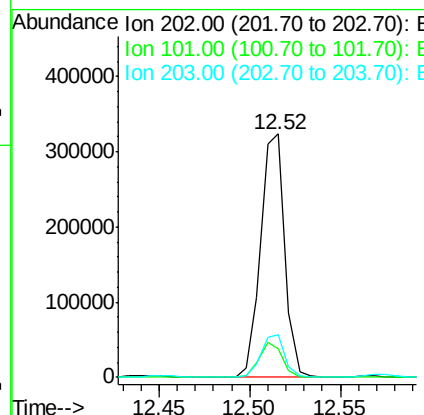
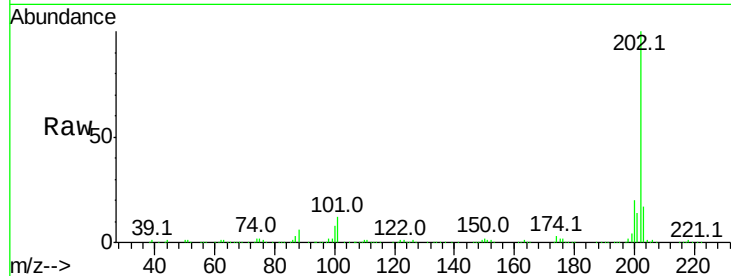
#74
Fluoranthene
Concen: 16.958 ng
RT: 12.52 min Scan# 1773
Delta R.T. 0.01 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESW

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.7	0.0	33.2
203	17.4	0.0	38.1

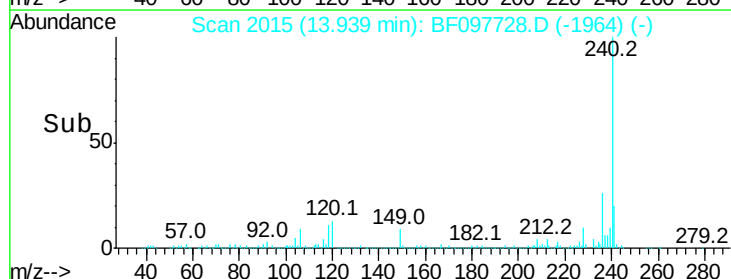
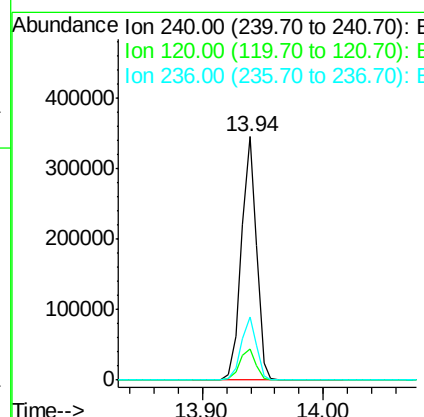
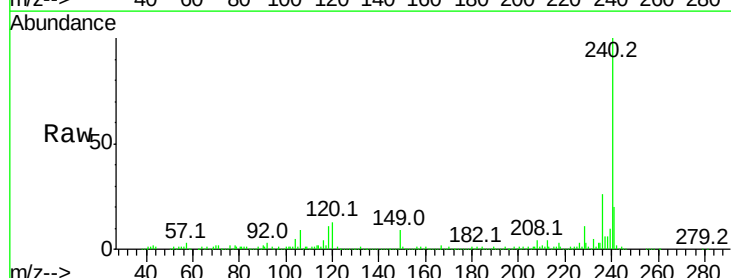
Manual Integrations
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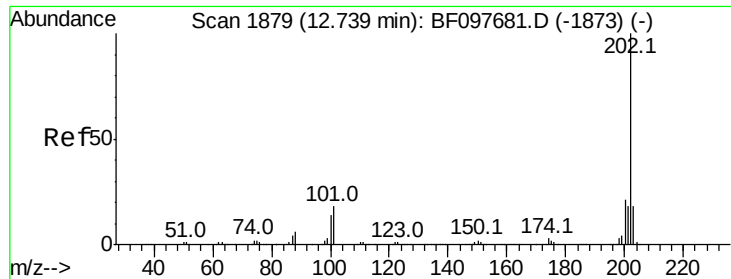
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.0	5.8	8.8#
236	26.1	20.5	30.7





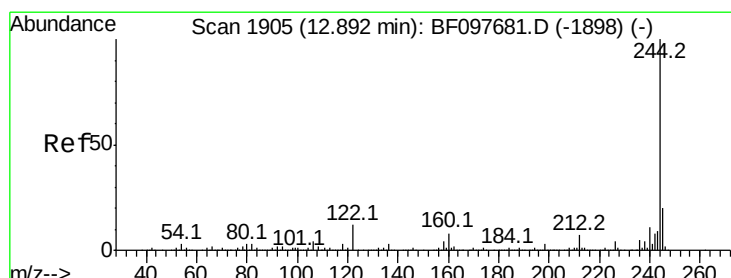
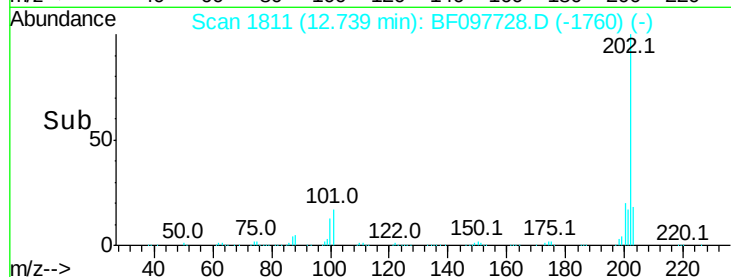
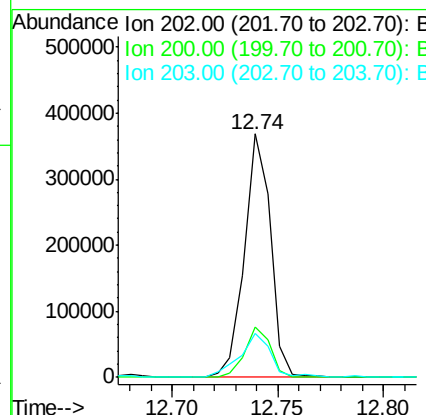
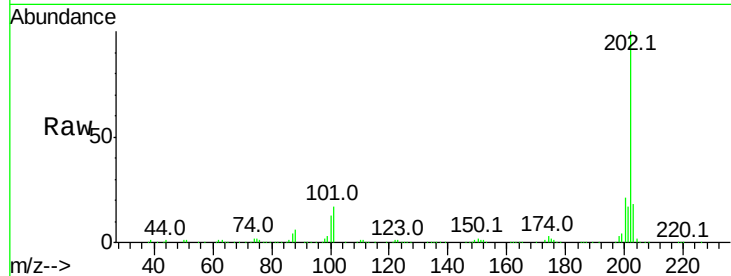
#77
Pvrene
Concen: 12.753 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESW

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.6	17.6	26.4
203	17.8	14.4	21.6

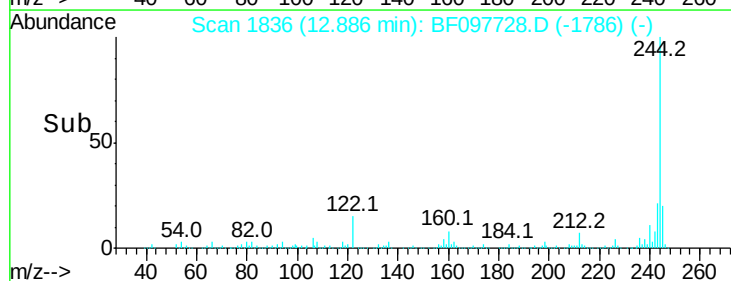
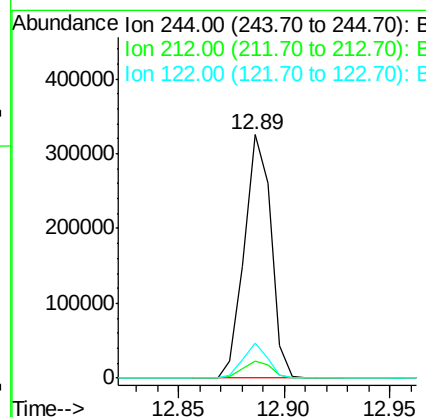
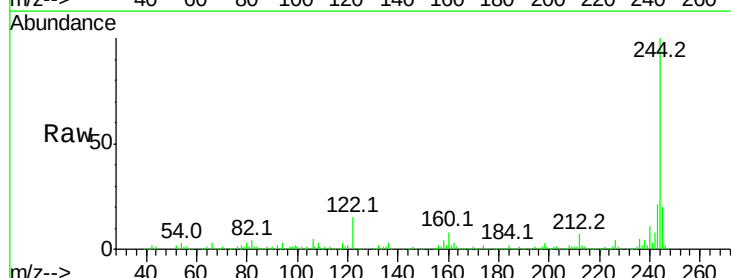
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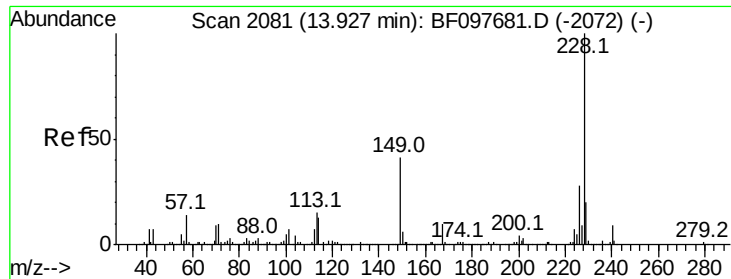
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#78
Terphenyl-d14
Concen: 19.586 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.6	10.3	15.5





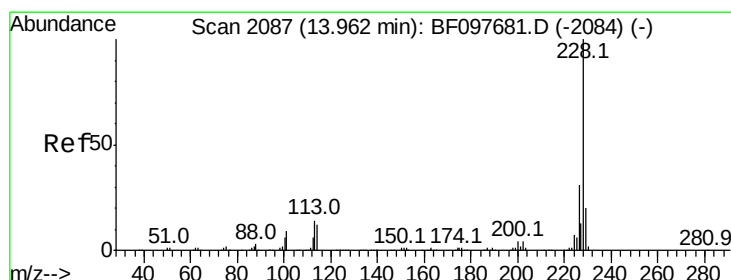
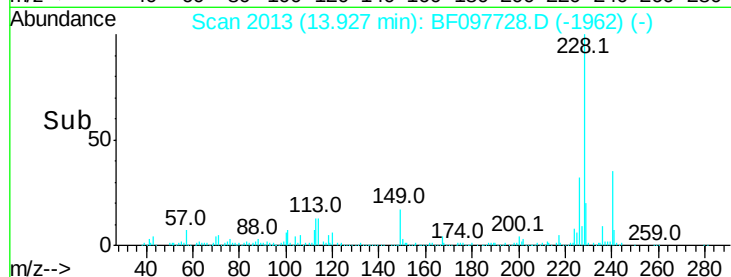
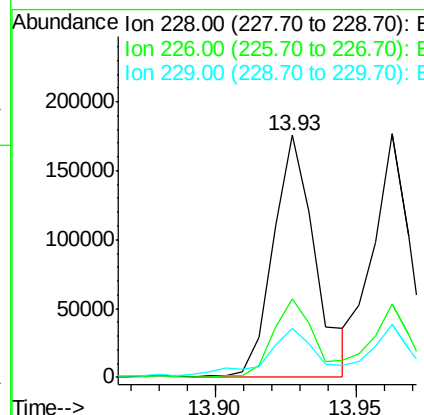
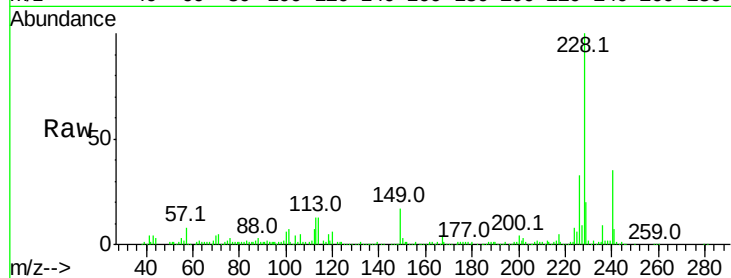
#80
Benzo(a)anthracene
Concen: 9.852 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESW

Tot Ion	Ratio	Resp	Lower	Upper
228	100	179089		
226	32.7		22.6	33.8
229	20.1		16.3	24.5

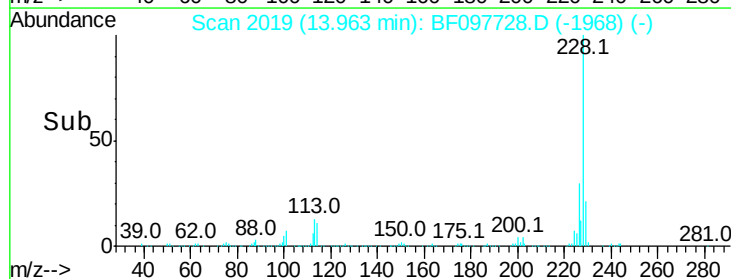
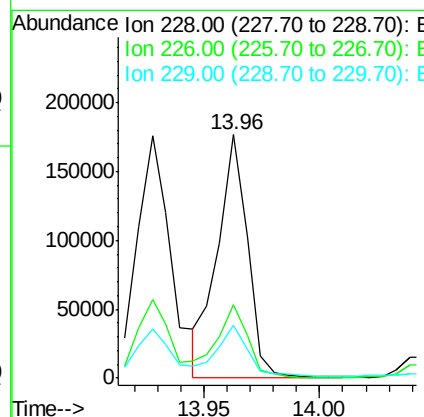
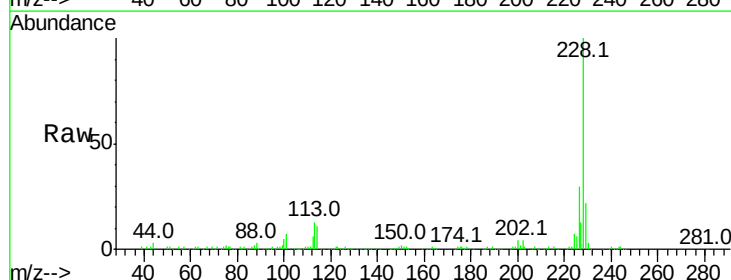
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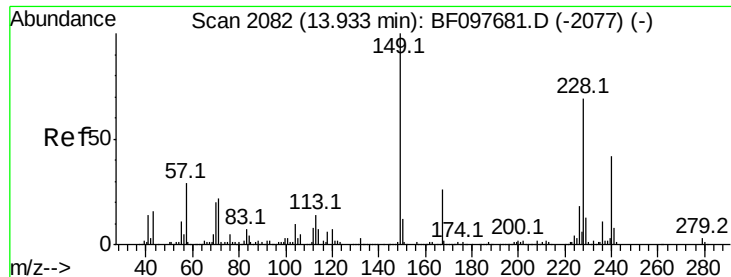
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#82
Chrysene
Concen: 8.776 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	158697		
226	30.2		24.9	37.3
229	21.6		15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.488 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BF097728.D

Acq: 16 Aug 2017 9:12

Instrument :

BNA_F

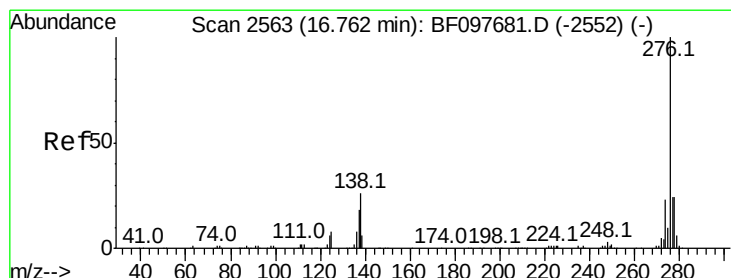
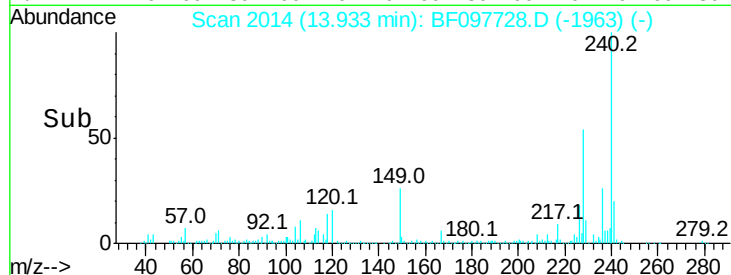
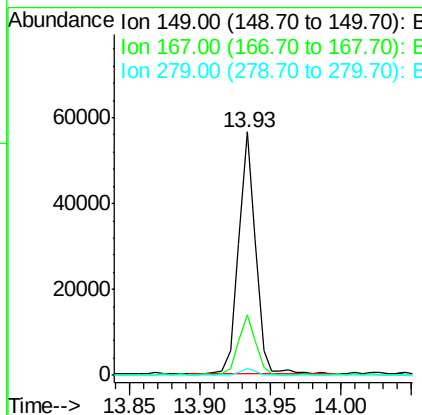
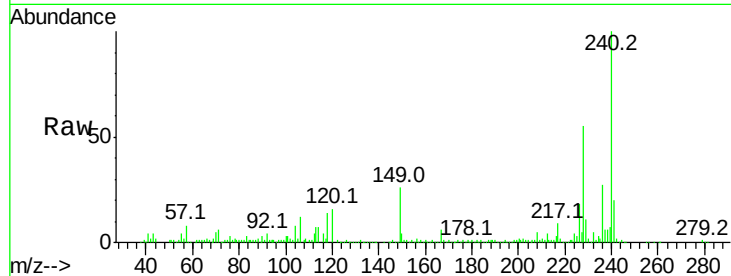
ClientSampleId :

E2-H10-ESW

Tot Ion:	149	Resp:	47303
Ion Ratio	Lower	Upper	
149	100		
167	25.1	21.0	31.4
279	2.8	1.9	2.9

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#85

Indeno(1,2,3-cd)pyrene

Concen: 4.521 ng

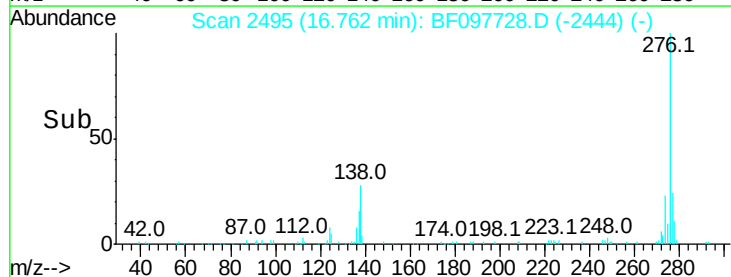
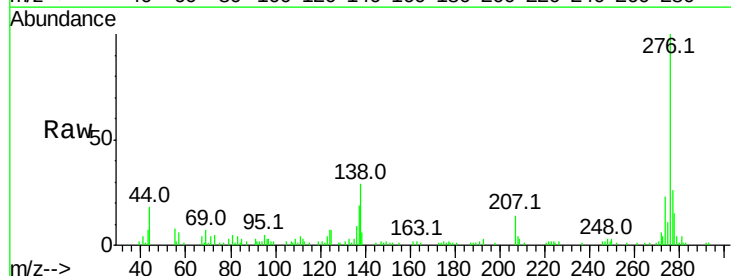
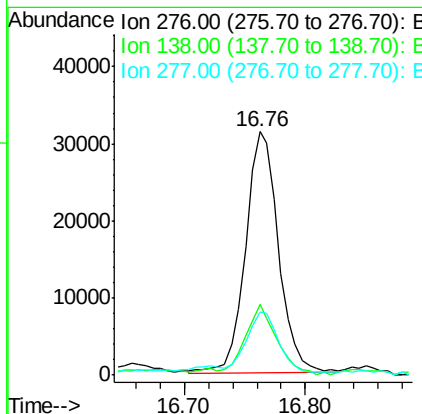
RT: 16.76 min Scan# 2495

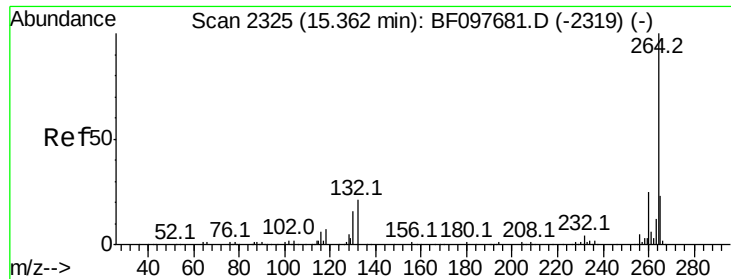
Delta R.T. 0.00 min

Lab File: BF097728.D

Acq: 16 Aug 2017 9:12

Tgt Ion:	276	Resp:	60142
Ion Ratio	Lower	Upper	
276	100		
138	29.6	27.8	41.6
277	26.3	20.2	30.4





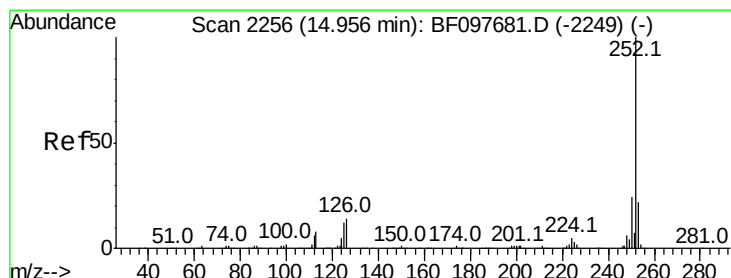
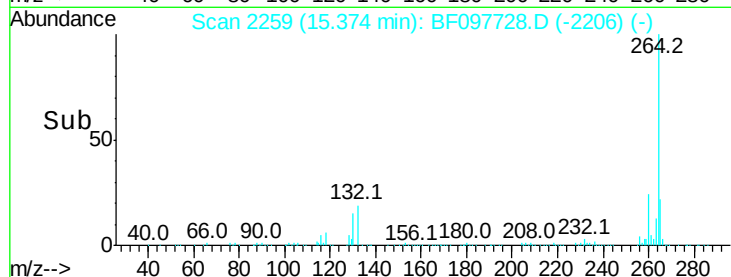
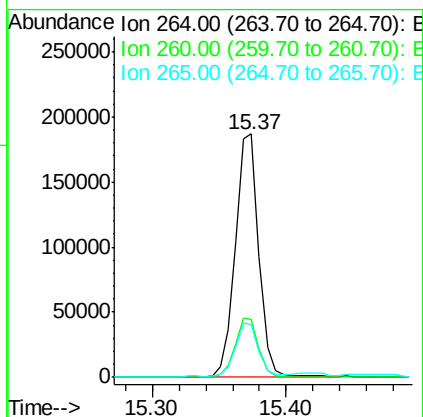
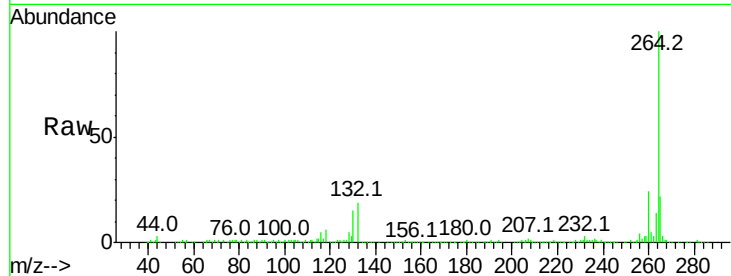
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESW

Tot Ion	Ratio	Resp	Lower	Upper
264	100	227580		
260	23.6	19.5	29.3	
265	22.0	17.2	25.8	

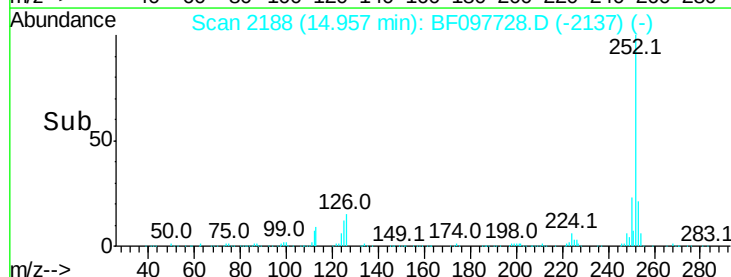
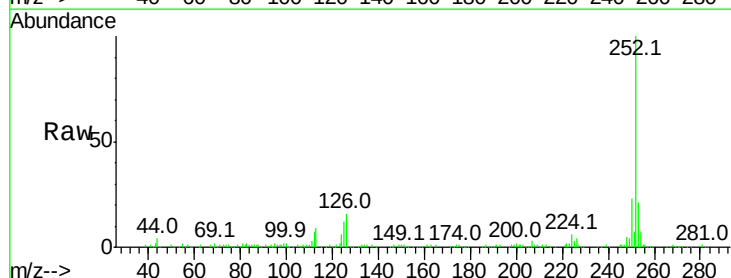
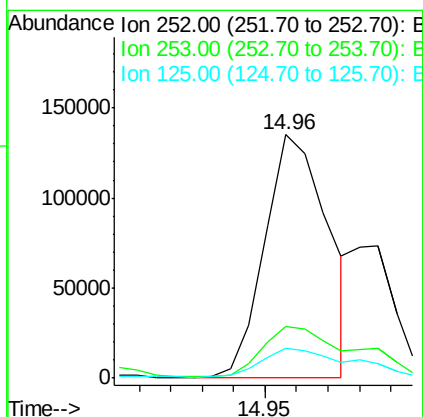
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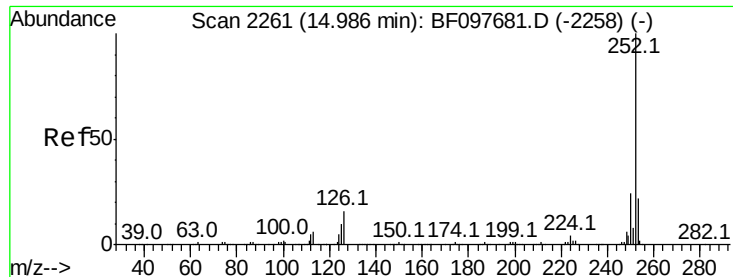
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#87
Benzo(b)fluoranthene
Concen: 13.278 ng m
RT: 14.96 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	190479		
253	21.4	18.1	27.1	
125	12.0	9.8	14.8	





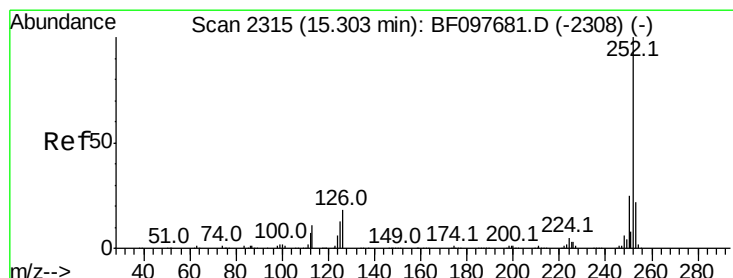
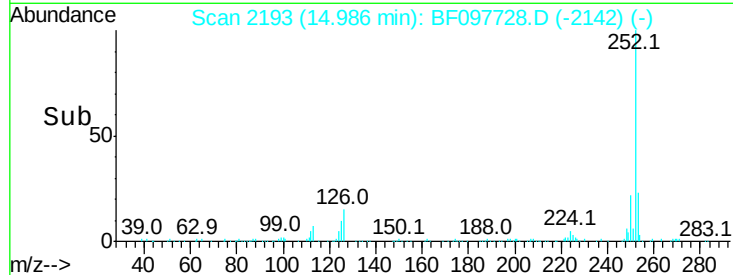
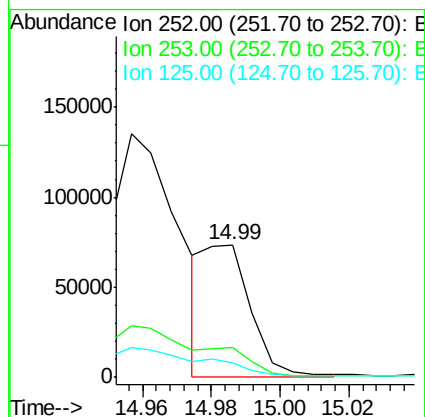
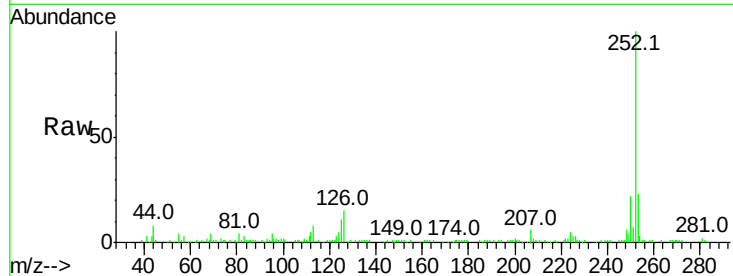
#88
Benzo(k)fluoranthene
Concen: 5.119 ng m
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESW

Tot Ion	Ratio	Resp	Lower	Upper
252	100	68995		
253	23.0	18.4	27.6	
125	11.3	13.1	19.7	

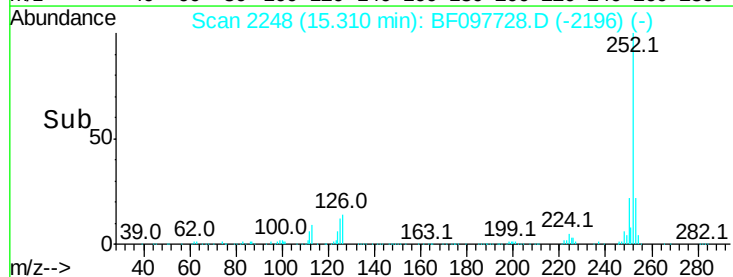
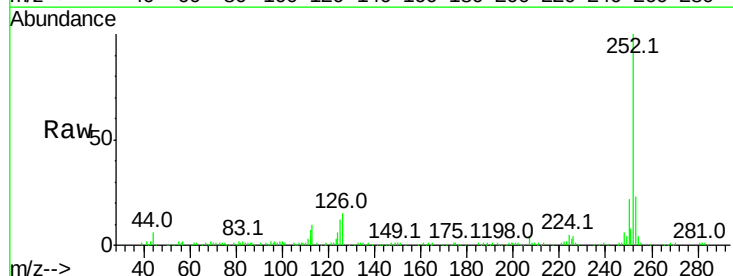
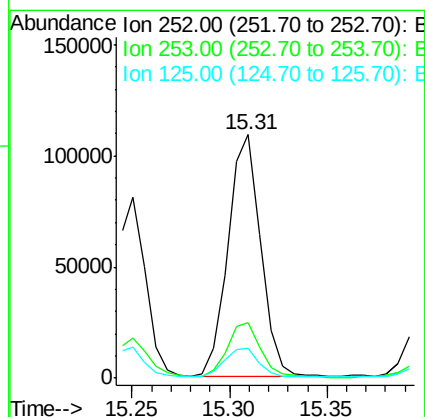
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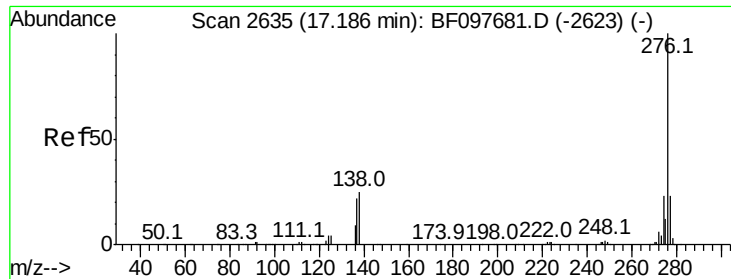
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#89
Benzo(a)pyrene
Concen: 9.923 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	126015		
253	22.5	17.5	26.3	
125	12.2	11.0	16.4	





#91
 Benzo(a,h,i)perylene
 Concen: 5.318 ng
 RT: 17.19 min Scan# 2567
 Delta R.T. 0.00 min
 Lab File: BF097728.D
 Acq: 16 Aug 2017 9:12

Instrument :
 BNA_F
 ClientSampleId :
 E2-H10-ESW

Tot Ion:	276	Resp:	57366
Ion Ratio	Lower	Upper	
276	100		
277	25.0	18.6	28.0
138	27.7	25.4	38.0

Manual Integrations
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