

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097194.D
 Acq On : 29 Jul 2017 10:28
 Operator : SJ/JU
 Sample : I4421-11MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMSD

Manual Integrations
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 7/31/2017 6:53:14 PM

Quant Time: Jul 31 16:30:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	117130	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	413523	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	148537	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	230321	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	214502	20.00	ng	-0.02
86) Perylene-d12	14.96	264	155905	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	554103	71.31	ng	-0.01
7) Phenol-d6	6.15	99	647578	73.01	ng	-0.02
23) Nitrobenzene-d5	7.05	82	361341	51.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	88514	75.42	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	432937	49.46	ng	-0.02
78) Terphenyl-d14	12.57	244	273262	25.97	ng	-0.02
Target Compounds						
10) Phenol	6.16	94	23390	2.223	ng	Qvalue # 75
49) Dimethylphthalate	9.25	163	87652	7.771	ng	99
70) Phenanthrene	11.01	178	26533	2.150	ng	99
74) Fluoranthene	12.19	202	36064	2.983	ng	98
77) Pyrene	12.42	202	43686	2.488	ng	96
87) Benzo(b)fluoranthene	14.60	252	20128m	2.148	ng	

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

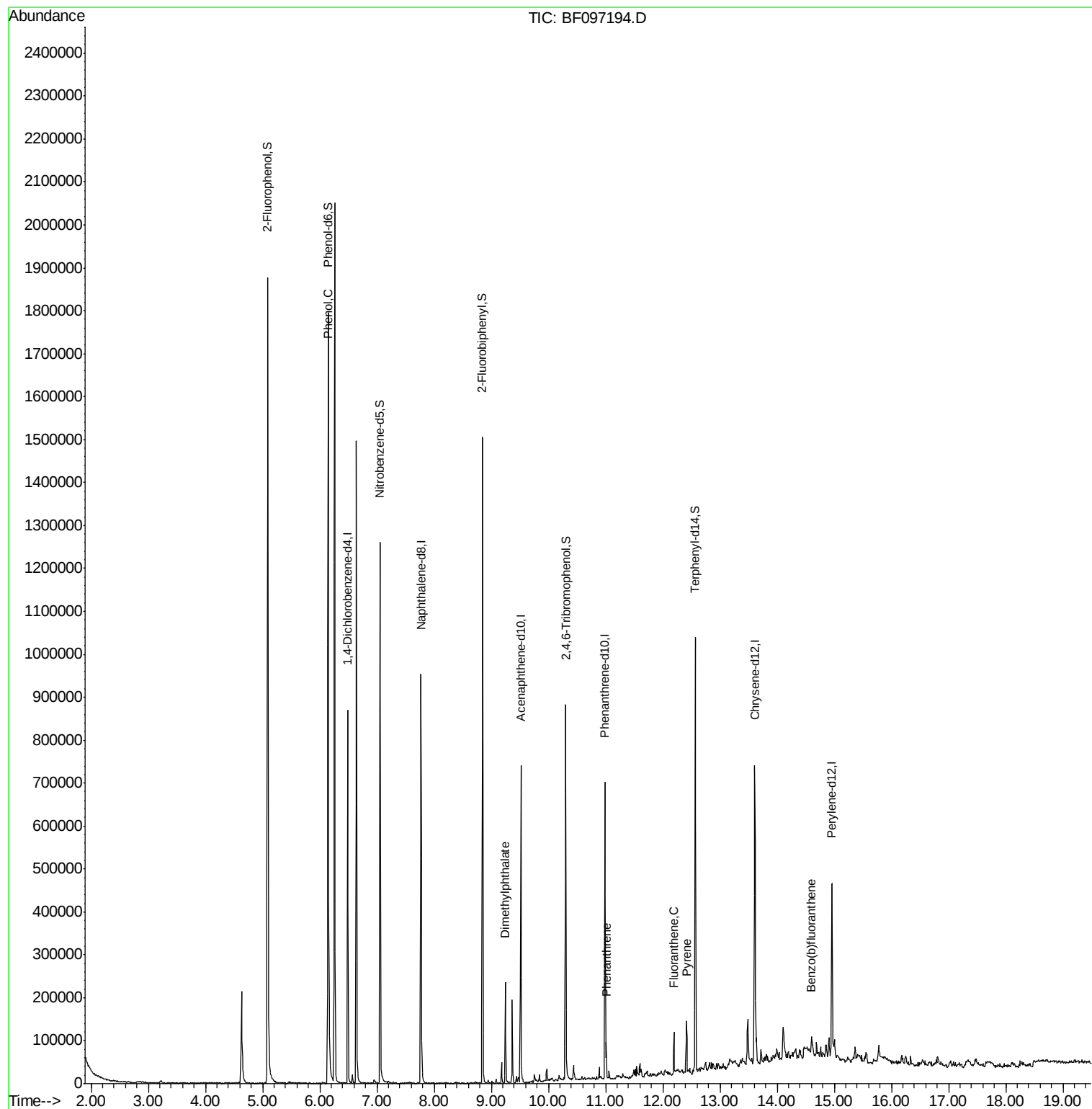
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
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ALS Vial : 36 Sample Multiplier: 1

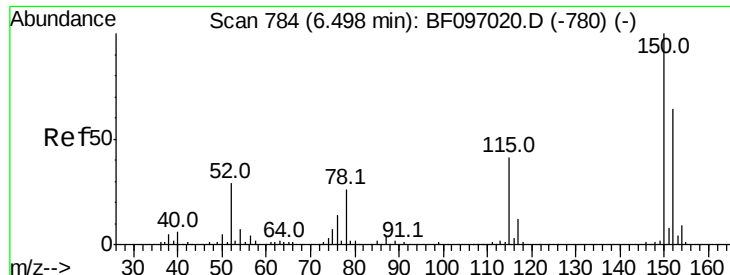
Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMSD

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Quant Time: Jul 31 16:30:18 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

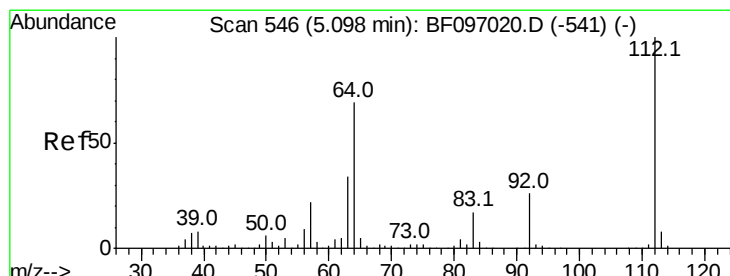
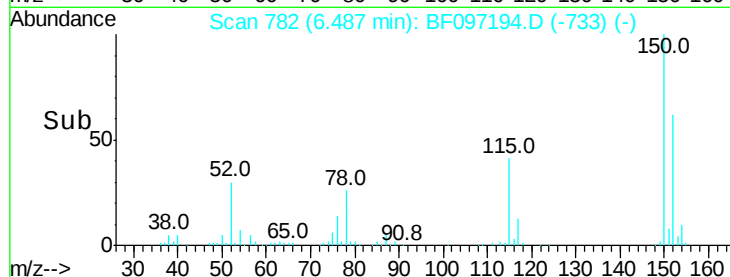
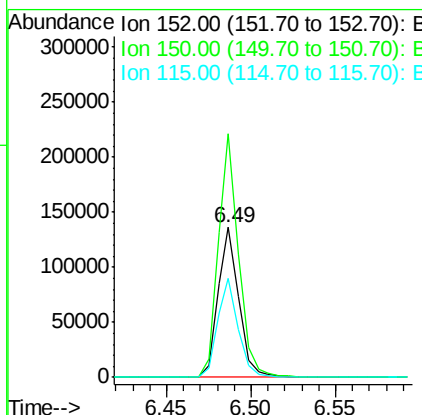
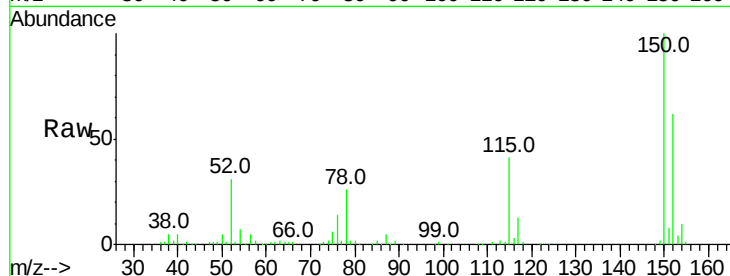
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097194.D
Acq: 29 Jul 2017 10:28

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.3	126.2	189.2
115	66.3	52.2	78.2

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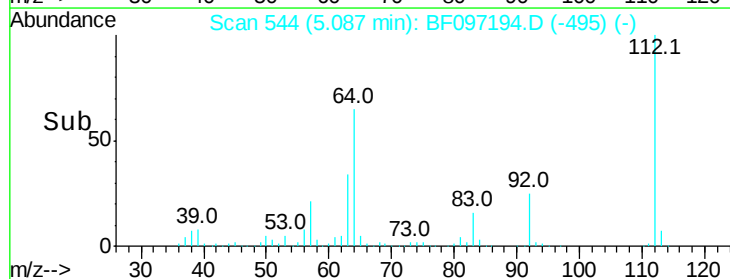
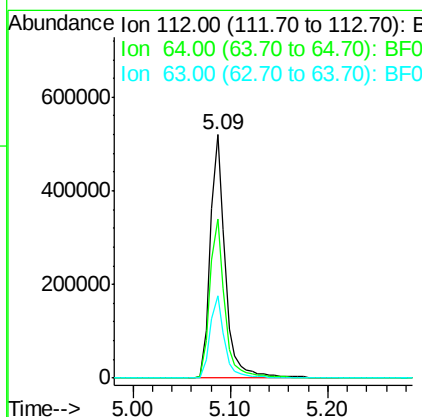
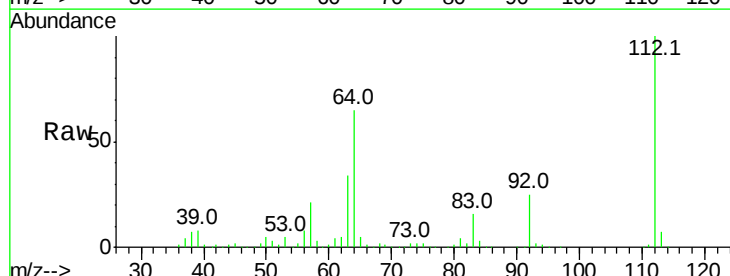
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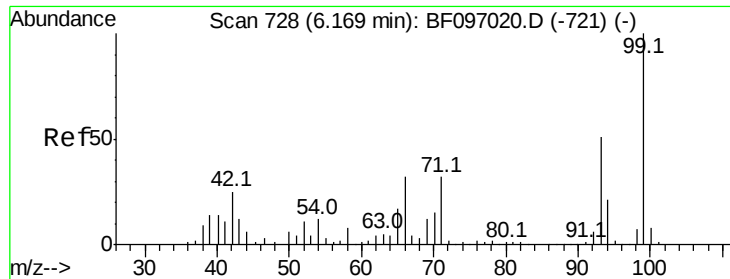


#5

2-Fluorophenol
Concen: 71.314 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097194.D
Acq: 29 Jul 2017 10:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	46.0	69.0
63	33.6	23.4	35.0





#7

Phenol-d6

Concen: 73.006 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF097194.D

Acq: 29 Jul 2017 10:28

Instrument :

BNA_F

ClientSampleId :

E2-HS5-BASEMSD

Tot Ion: 99 Resp: 647578

Ion Ratio Lower Upper

99 100

42 24.1 13.5 20.3#

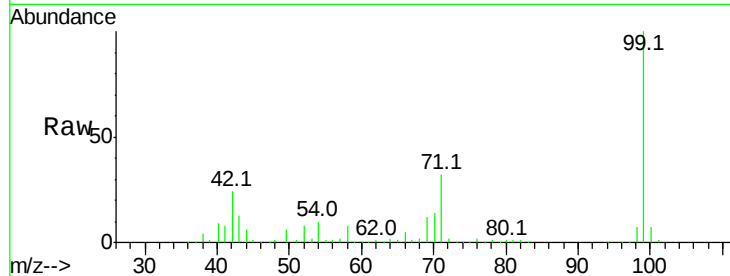
71 32.3 24.5 36.7

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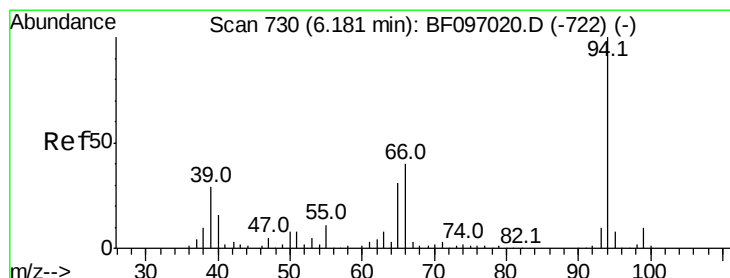
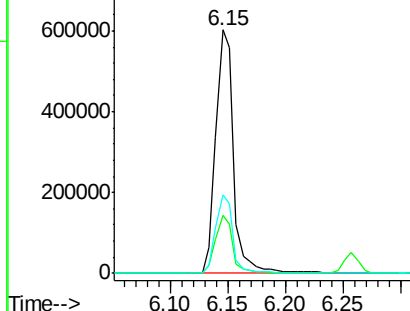
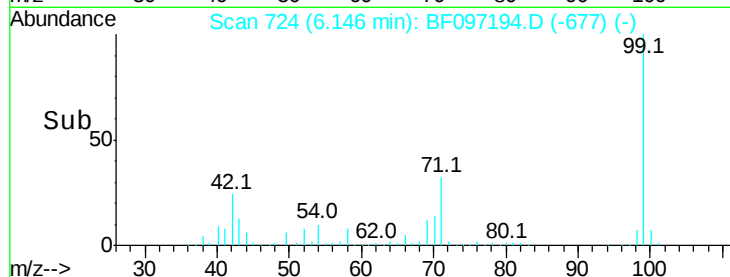
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.223 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF097194.D

Acq: 29 Jul 2017 10:28

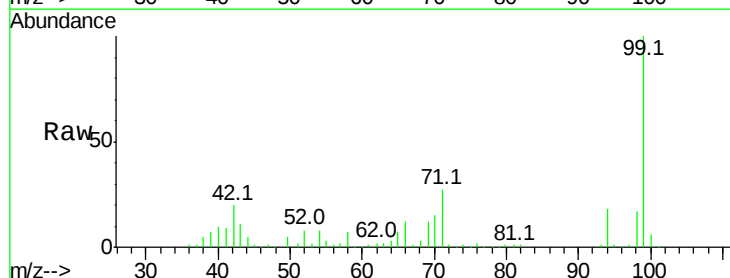
Tgt Ion: 94 Resp: 23390

Ion Ratio Lower Upper

94 100

65 36.8 9.9 49.9

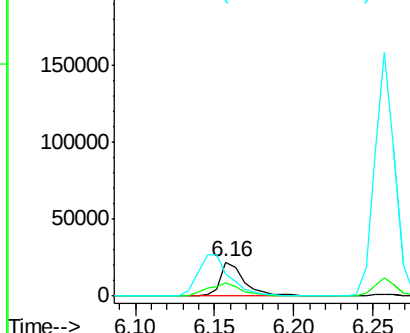
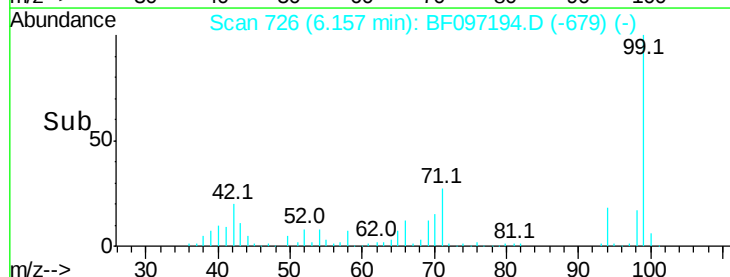
66 65.1 23.1 63.1#

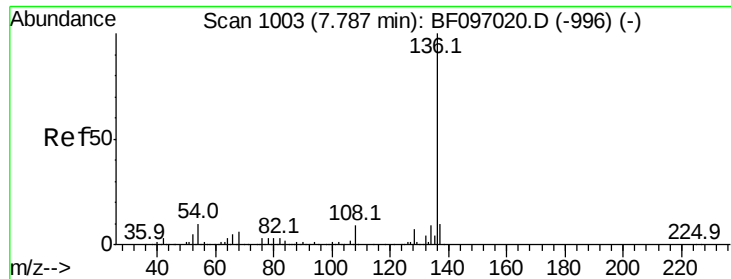


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





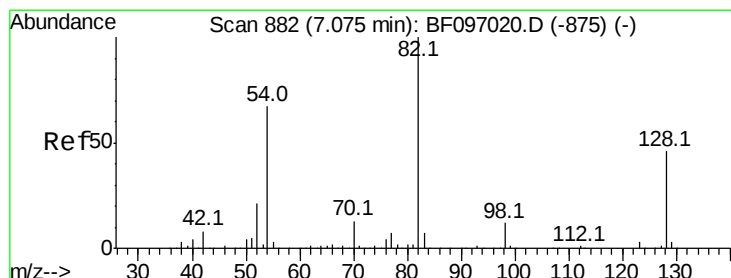
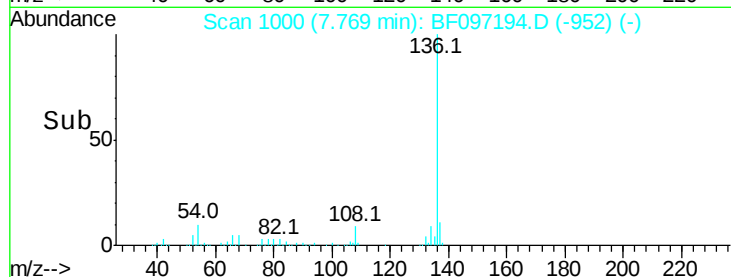
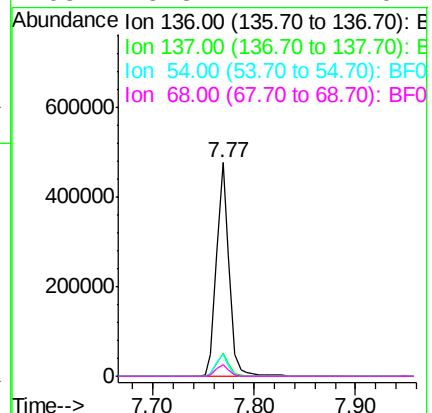
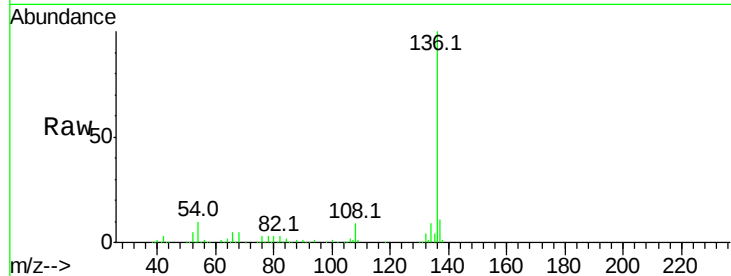
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097194.D
Acq: 29 Jul 2017 10:28

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.5	12.7	
54	9.9	4.9	7.3	
68	5.3	4.1	6.1	

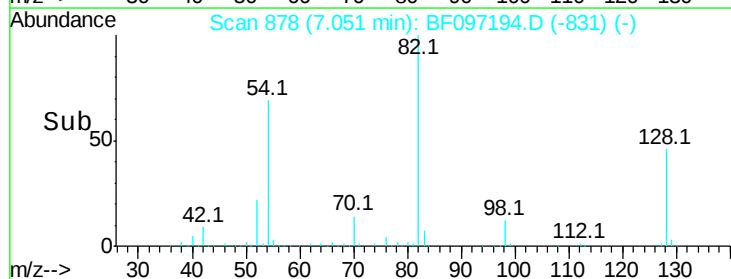
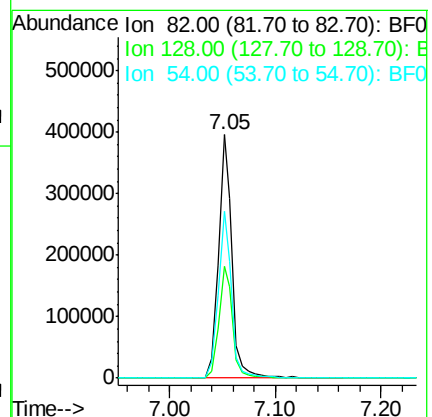
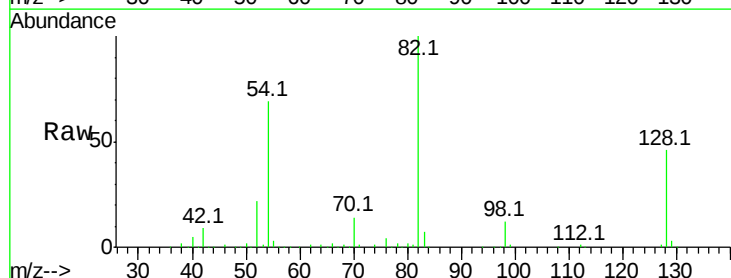
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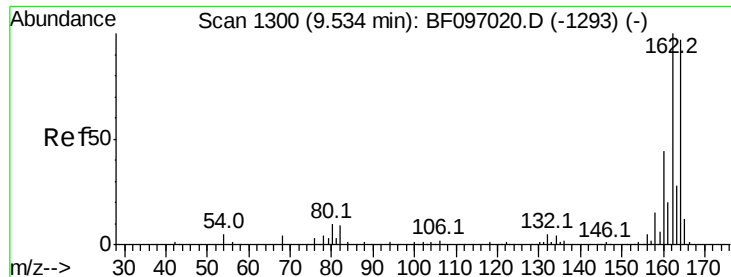
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#23
Nitrobenzene-d5
Concen: 51.261 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF097194.D
Acq: 29 Jul 2017 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.8	34.0	51.0	
54	68.6	42.2	63.2	





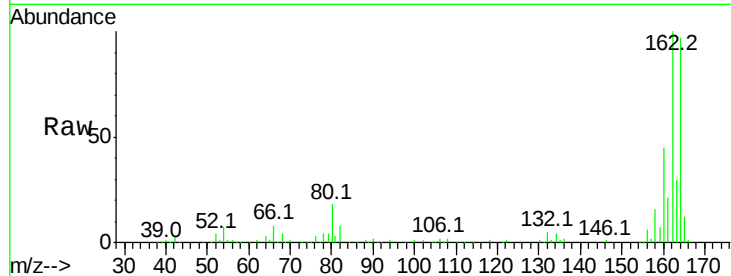
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF097194.D
 Acq: 29 Jul 2017 10:28

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMSD

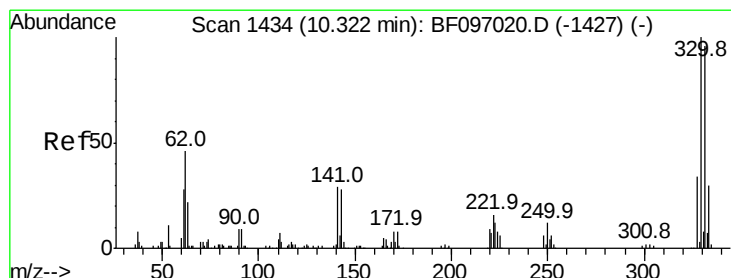
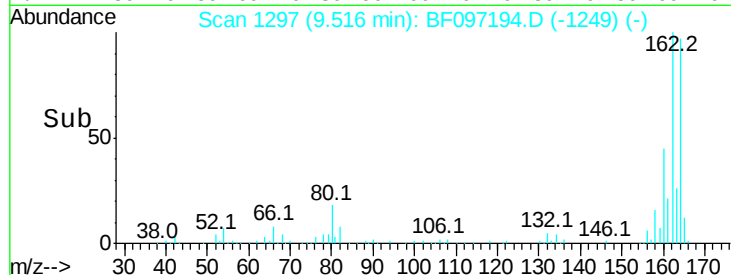
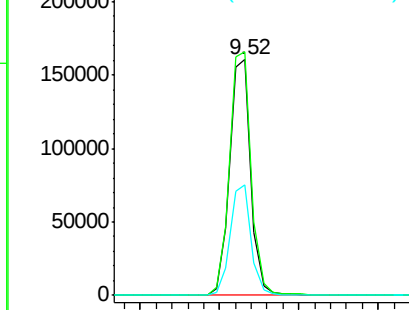
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.3	82.6	123.8	
160	46.9	36.2	54.2	

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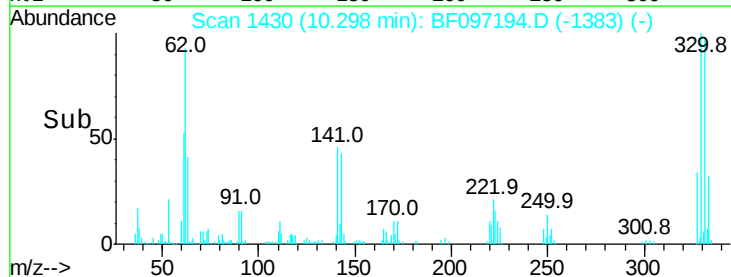
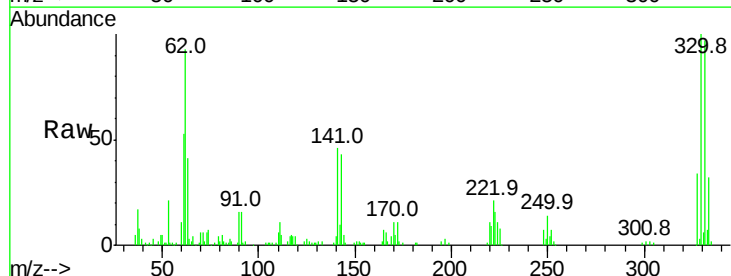
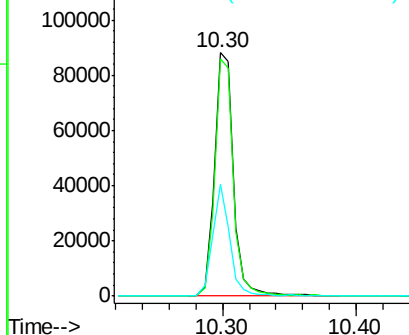
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

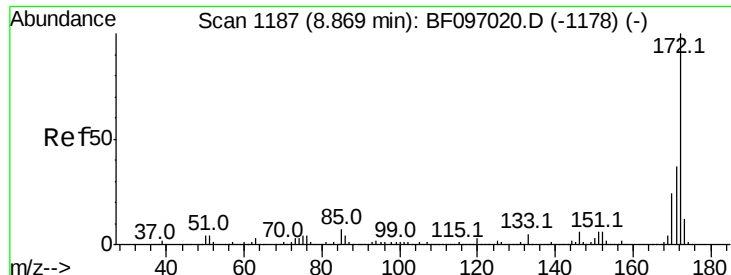


#41
 2,4,6-Tribromophenol
 Concen: 75.422 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF097194.D
 Acq: 29 Jul 2017 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	76.6	115.0	
141	41.3	31.4	47.2	

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





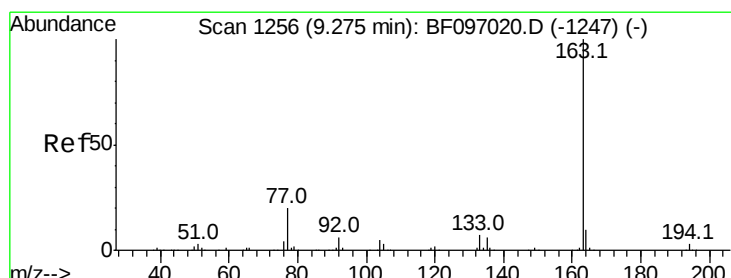
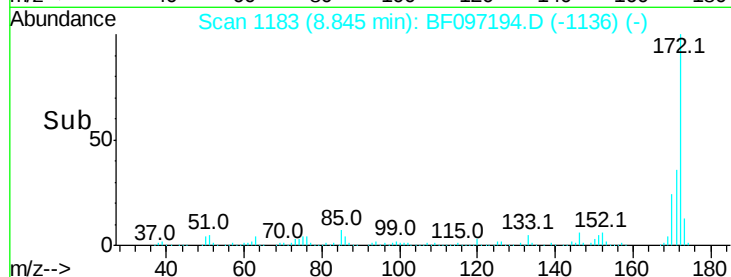
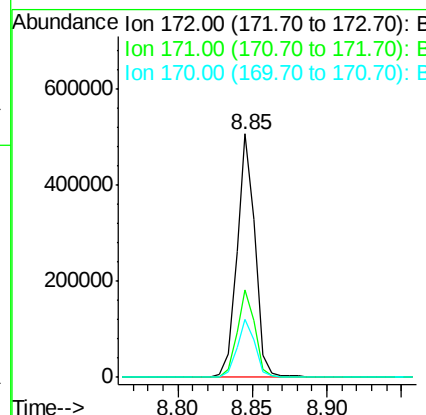
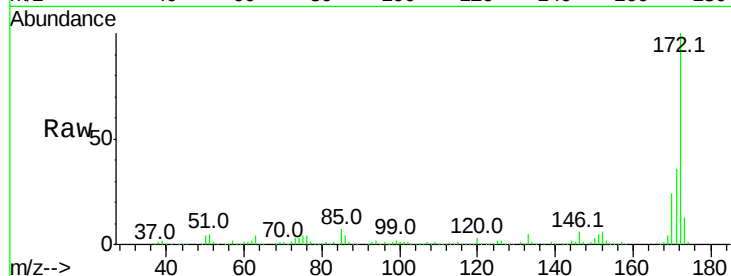
#44
2-Fluorobiphenyl
Concen: 49.465 ng
RT: 8.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF097194.D
Acq: 29 Jul 2017 10:28

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	432937		
171	35.8		29.6	44.4
170	24.0		19.8	29.8

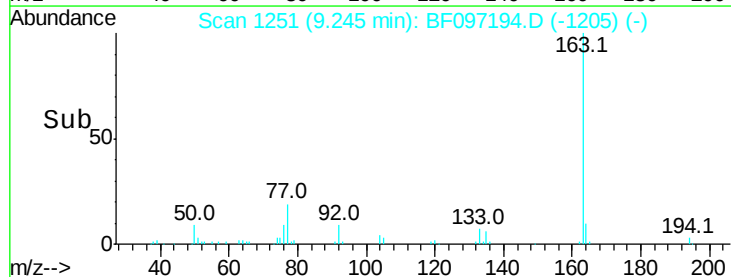
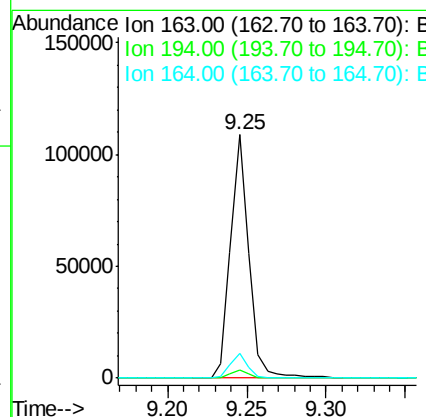
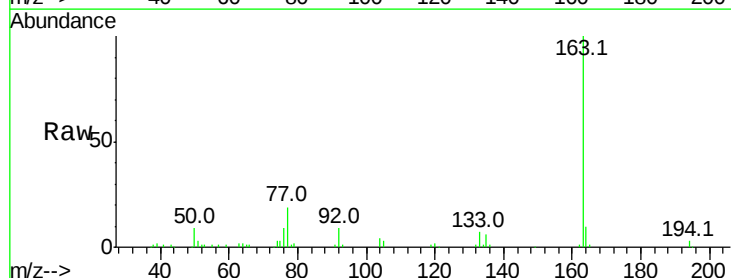
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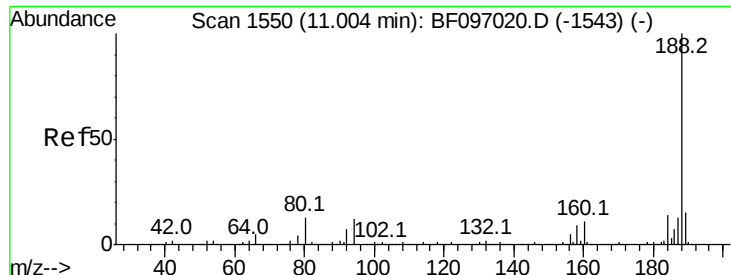
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#49
Dimethylphthalate
Concen: 7.771 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097194.D
Acq: 29 Jul 2017 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	87652		
194	3.2		2.6	4.0
164	10.0		8.4	12.6





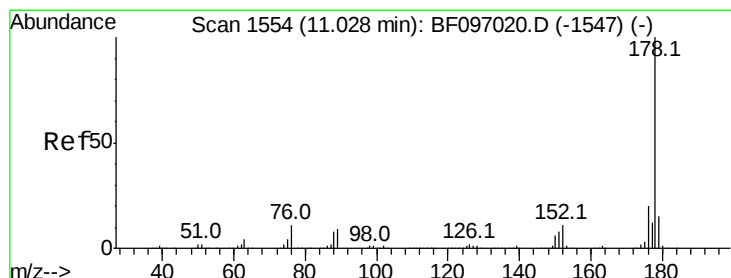
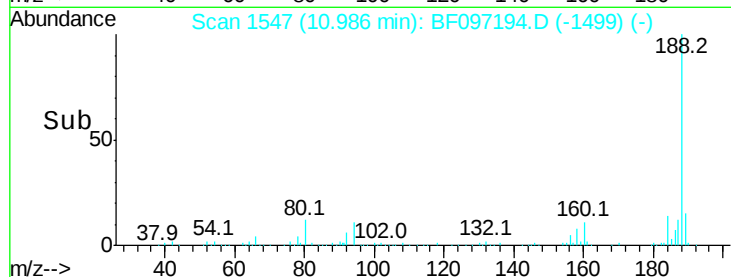
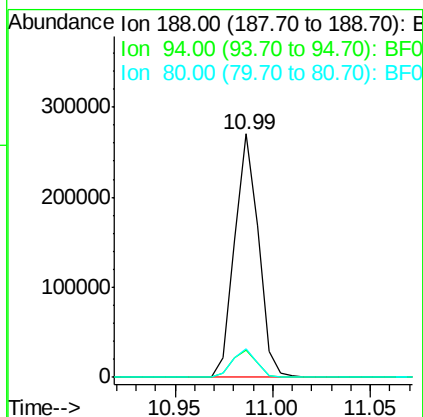
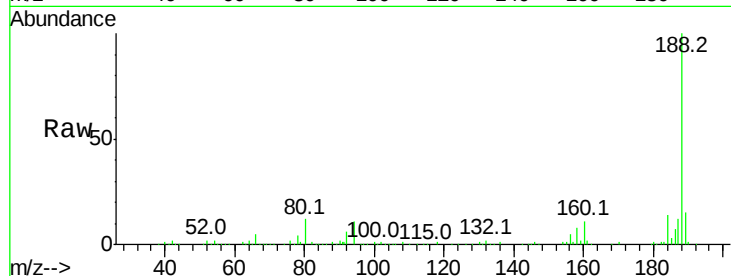
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097194.D
Acq: 29 Jul 2017 10:28

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	230321		
94	11.4		9.4	14.2
80	11.6		10.2	15.2

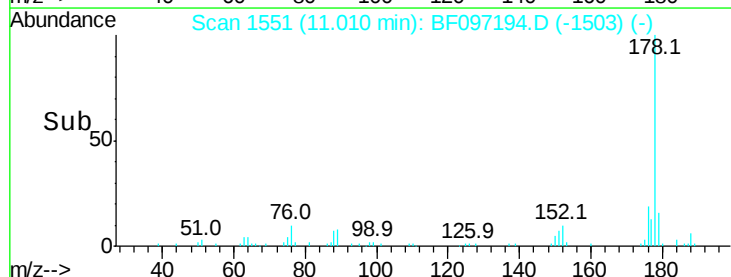
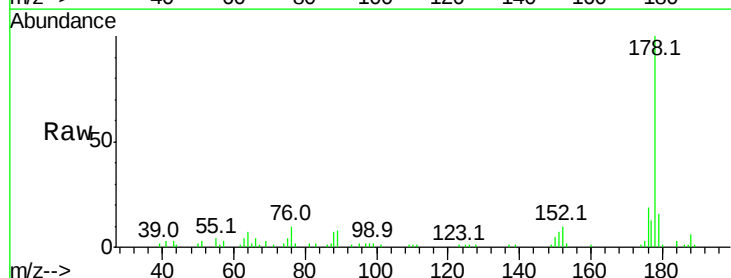
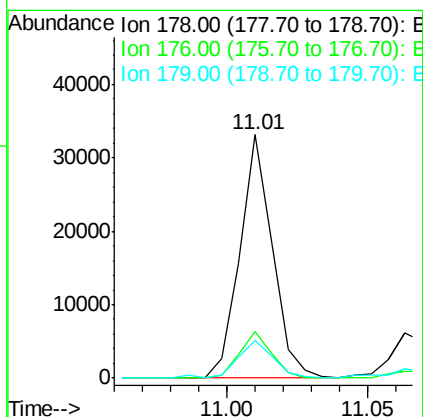
Manual Integrations
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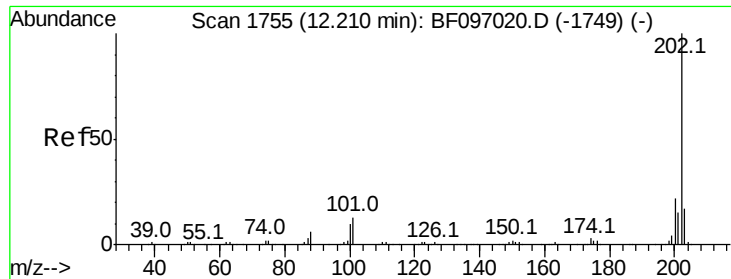
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#70
Phenanthrene
Concen: 2.150 ng
RT: 11.01 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF097194.D
Acq: 29 Jul 2017 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	26533		
176	19.4		16.2	24.4
179	15.7		12.6	19.0





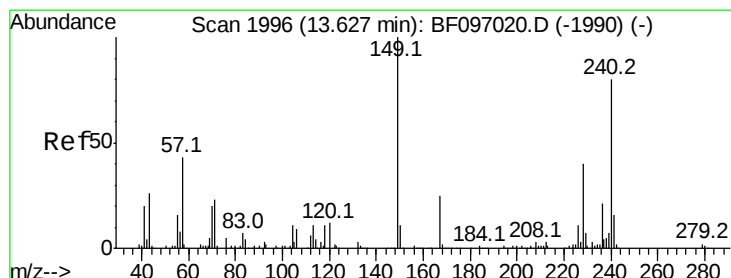
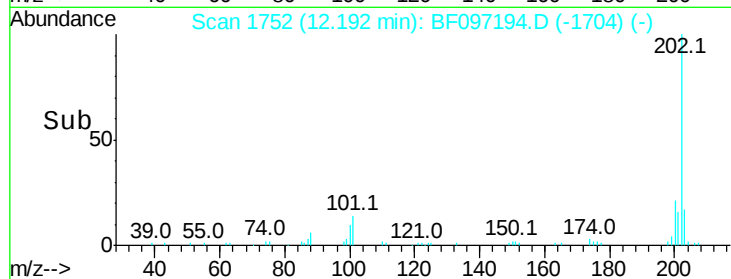
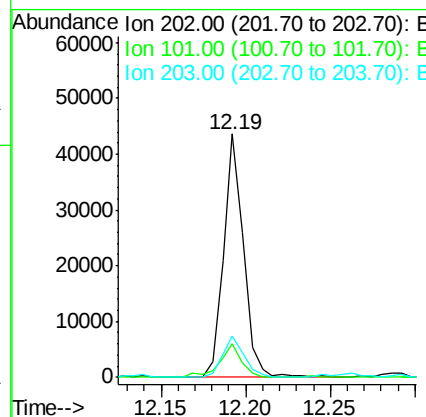
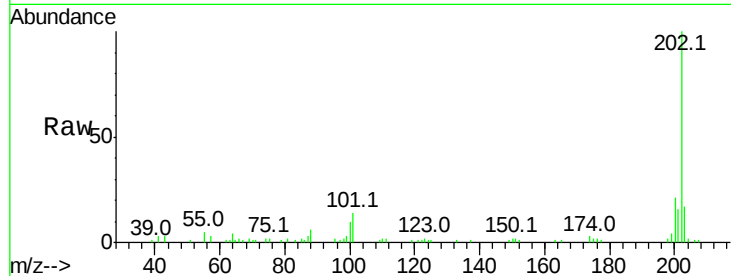
#74
Fluoranthene
 Concen: 2.983 ng
 RT: 12.19 min Scan# 1752
 Delta R.T. -0.02 min
 Lab File: BF097194.D
 Acq: 29 Jul 2017 10:28

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMSD

Tot Ion:	202	Resp:	36064
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	33.2
203	16.9	0.0	38.1

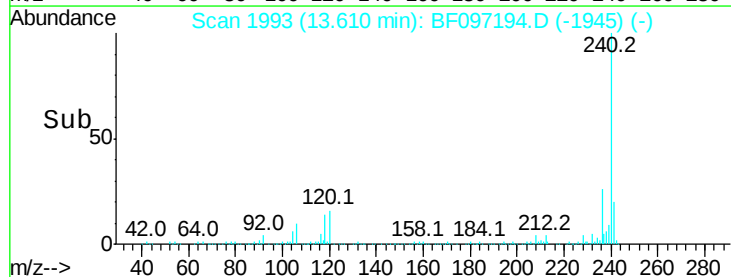
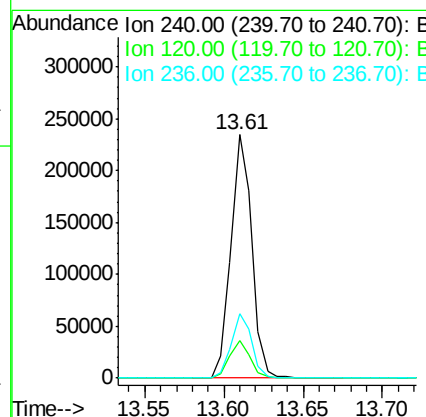
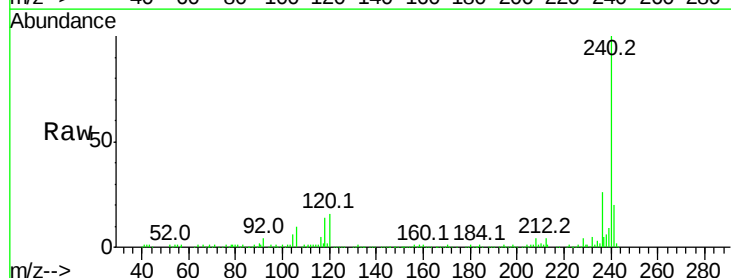
Manual Integrations
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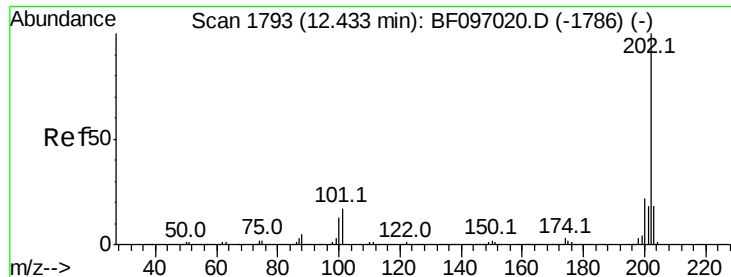
Sohil
 7/31/2017 6:53:14 PM



#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.61 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF097194.D
 Acq: 29 Jul 2017 10:28

Tgt Ion:	240	Resp:	214502
Ion Ratio	Lower	Upper	
240	100		
120	15.5	5.8	8.8#
236	26.5	20.5	30.7





#77

Pvrene

Concen: 2.488 ng

RT: 12.42 min Scan# 1790

Delta R.T. -0.02 min

Lab File: BF097194.D

Acq: 29 Jul 2017 10:28

Instrument :

BNA_F

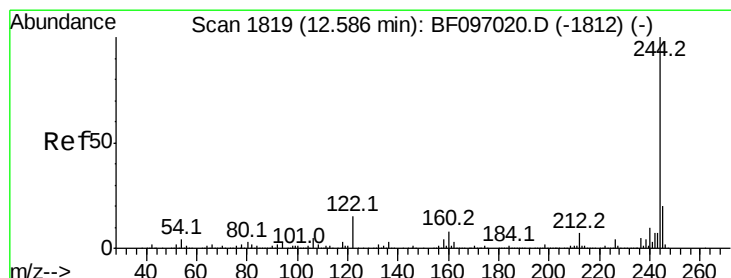
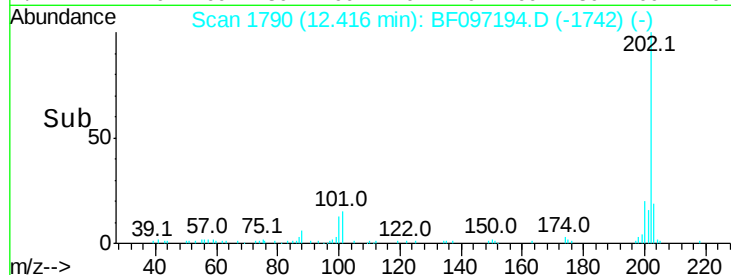
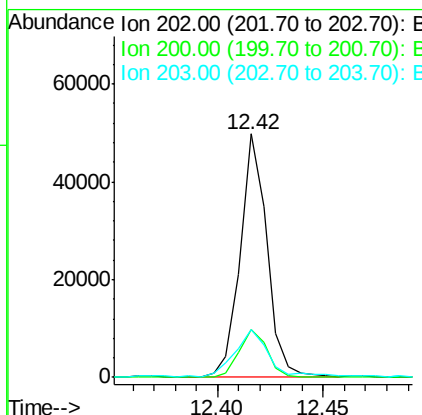
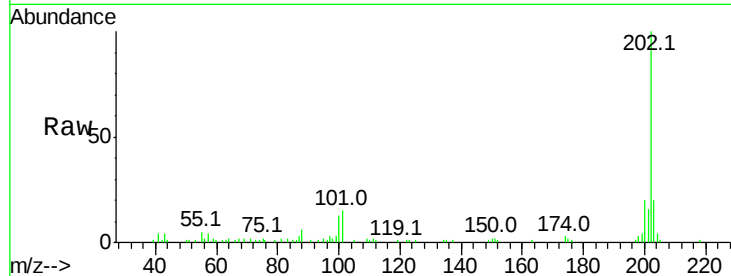
ClientSampleId :

E2-HS5-BASEMSD

Tot Ion:	202	Resp:	43686
Ion Ratio	Lower	Upper	
202	100		
200	19.8	17.6	26.4
203	19.7	14.4	21.6

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#78

Terphenyl-d14

Concen: 25.974 ng

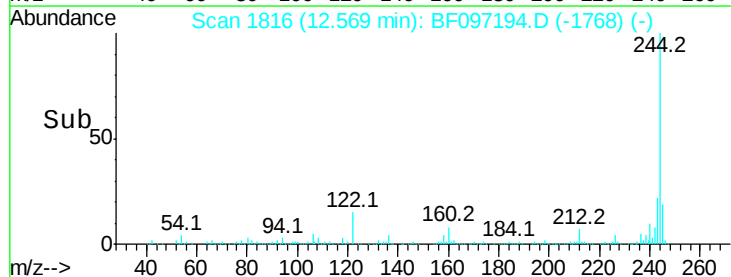
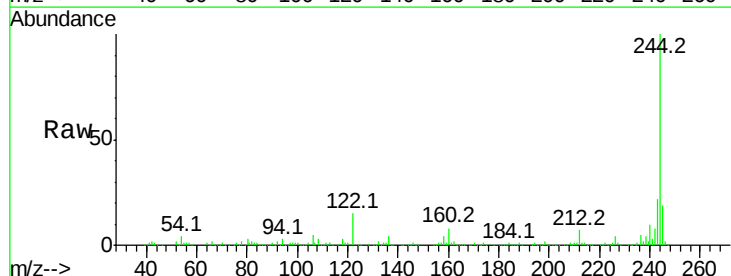
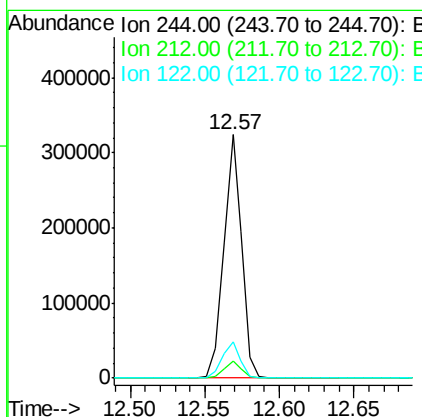
RT: 12.57 min Scan# 1816

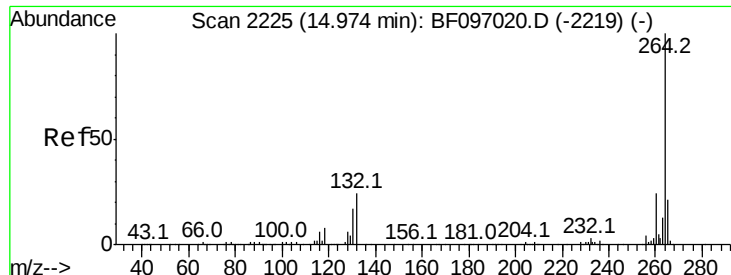
Delta R.T. -0.02 min

Lab File: BF097194.D

Acq: 29 Jul 2017 10:28

Tgt Ion:	244	Resp:	273262
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	14.9	10.3	15.5





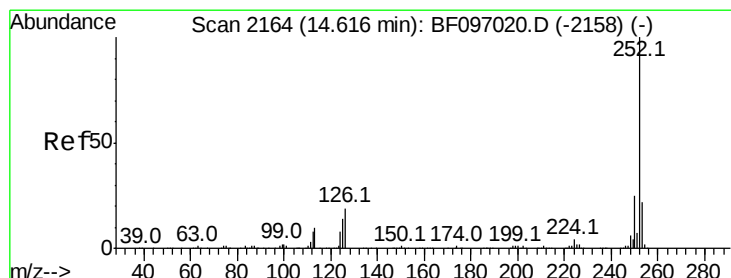
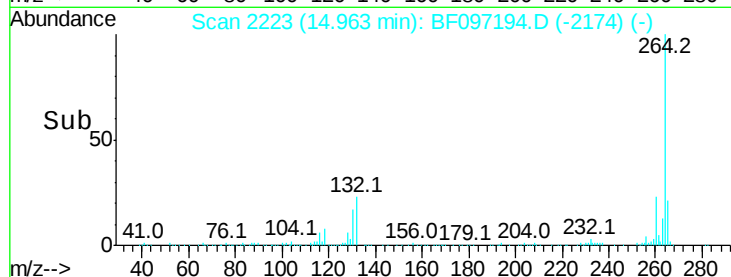
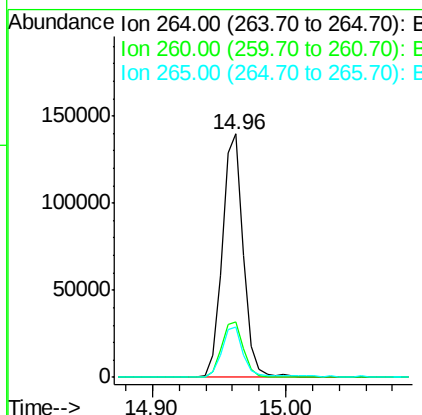
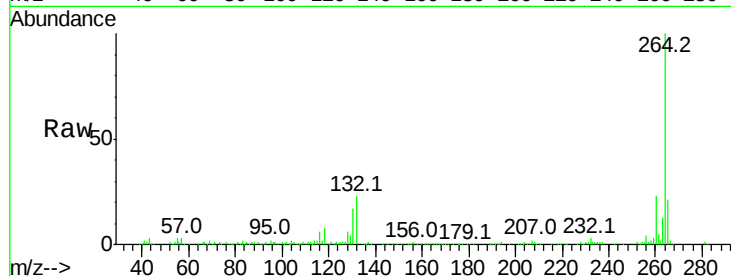
#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097194.D
Acq: 29 Jul 2017 10:28

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	20.5	17.2	25.8

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#87
Benzo(b)fluoranthene
Concen: 2.148 ng m
RT: 14.60 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF097194.D
Acq: 29 Jul 2017 10:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.1	27.1
125	22.7	9.8	14.8

