

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097193.D
 Acq On : 29 Jul 2017 10:00
 Operator : SJ/JU
 Sample : I4421-11MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

Manual Integrations
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Quant Time: Jul 31 02:26:45 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	106564	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	380388	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	121005	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	198137	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	194371	20.00	ng	-0.02
86) Perylene-d12	14.96	264	127038	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	544300	77.00	ng	-0.01
7) Phenol-d6	6.15	99	609528	75.53	ng	-0.02
23) Nitrobenzene-d5	7.05	82	355005	54.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	77926	81.51	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	409933	57.49	ng	-0.02
78) Terphenyl-d14	12.57	244	226864	23.80	ng	-0.02
Target Compounds						
10) Phenol	6.16	94	22924	2.395	ng	80
49) Dimethylphthalate	9.25	163	82039	8.928	ng	100
70) Phenanthrene	11.01	178	21235	2.000	ng	100
74) Fluoranthene	12.19	202	30201	2.904	ng	98
77) Pyrene	12.42	202	33895	2.130	ng	98
87) Benzo(b)fluoranthene	14.60	252	17138m	2.244	ng	

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

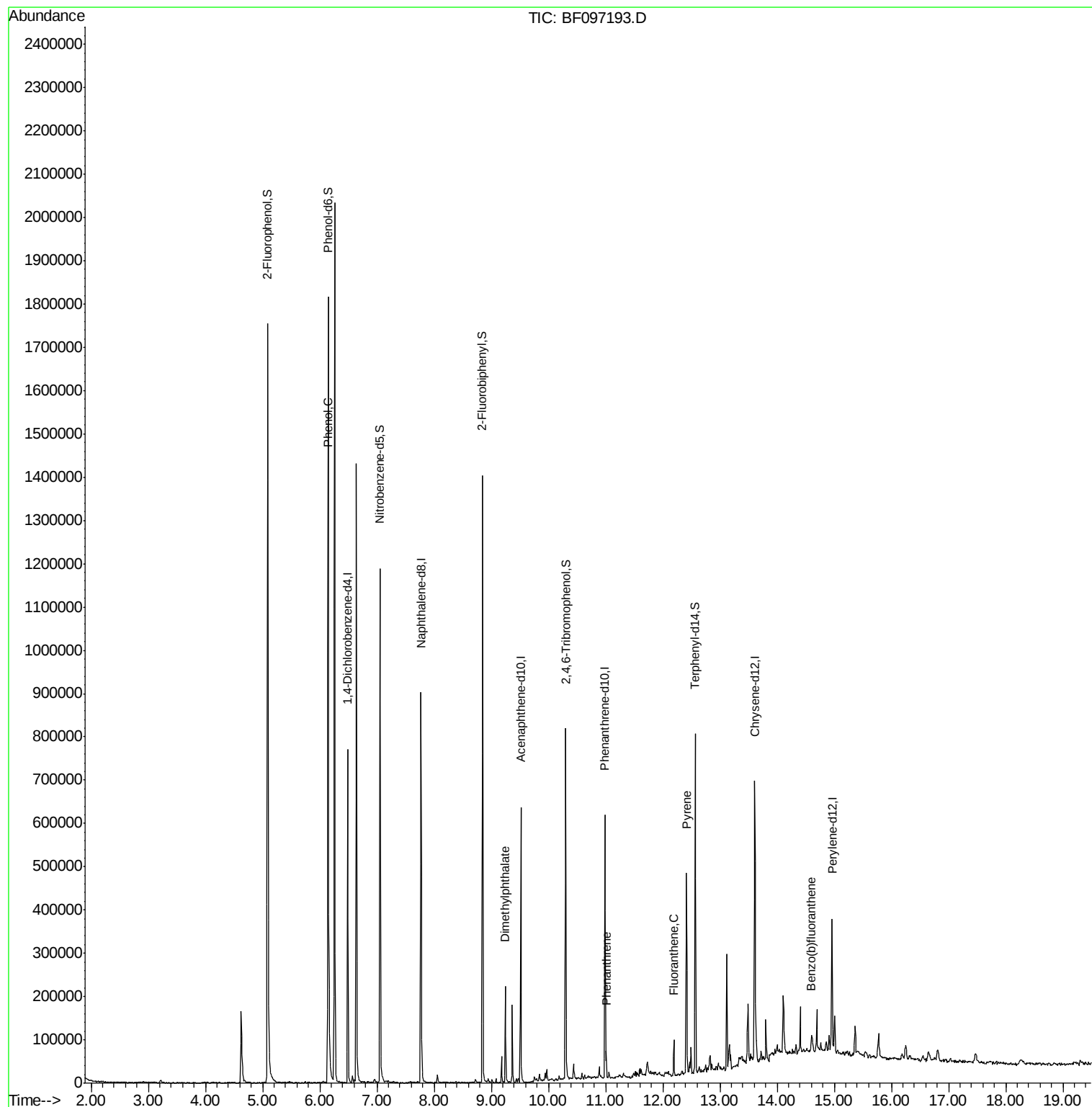
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
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ALS Vial : 35 Sample Multiplier: 1

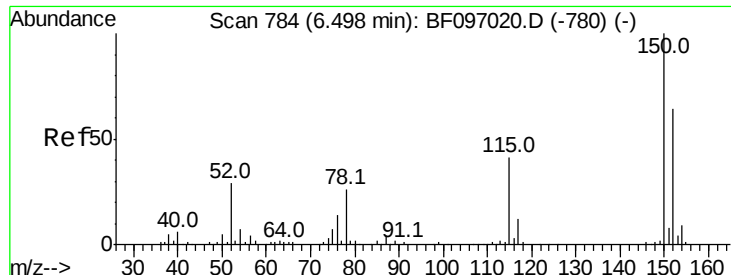
Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

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#1

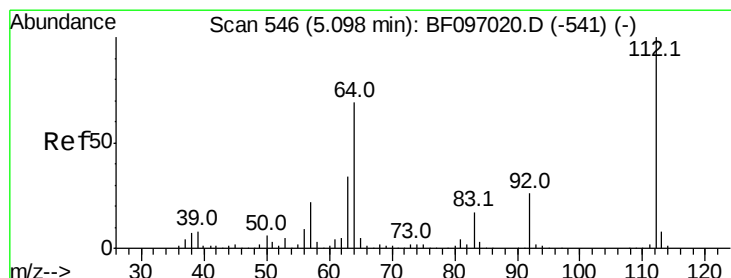
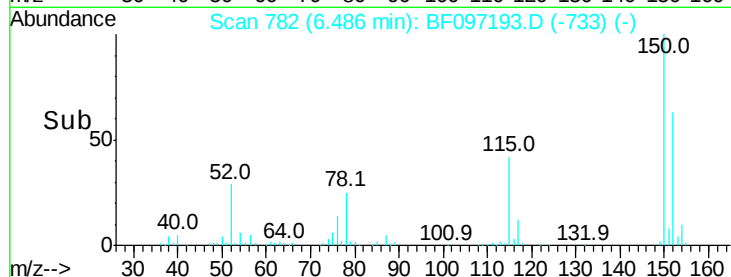
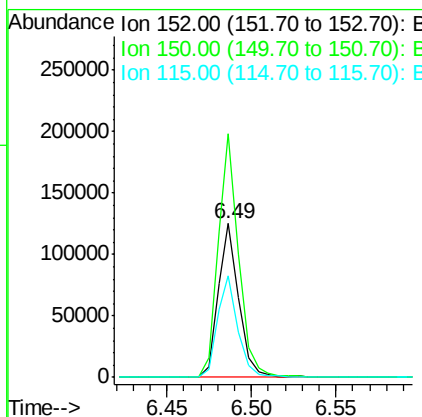
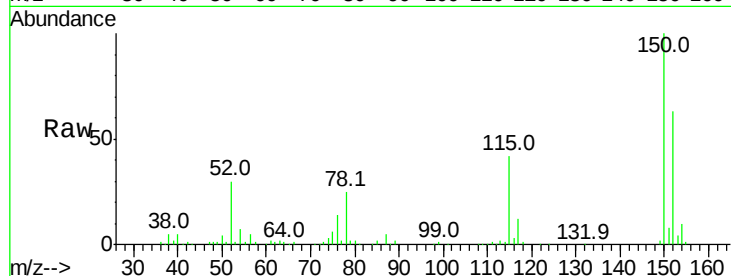
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097193.D
Acq: 29 Jul 2017 10:00

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.2	189.2
115	65.9	52.2	78.2

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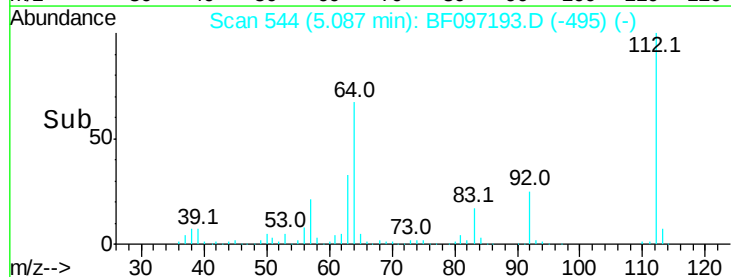
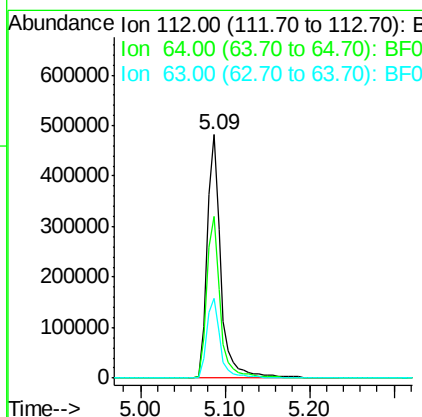
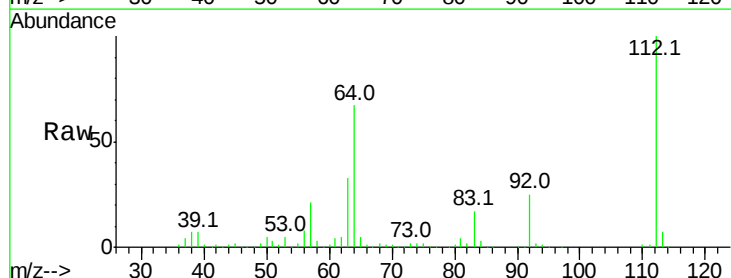
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#5

2-Fluorophenol
Concen: 76.998 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097193.D
Acq: 29 Jul 2017 10:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	46.0	69.0
63	32.7	23.4	35.0





#7

Phenol-d6

Concen: 75.529 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF097193.D

Acq: 29 Jul 2017 10:00

Instrument :

BNA_F

ClientSampleId :

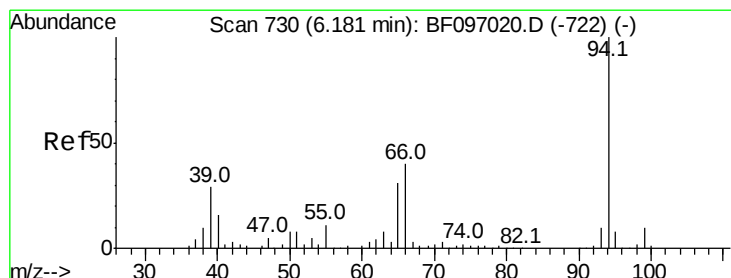
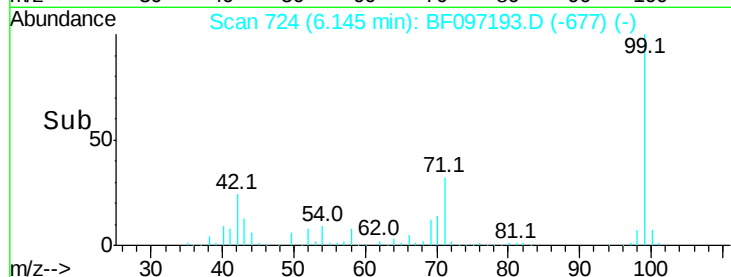
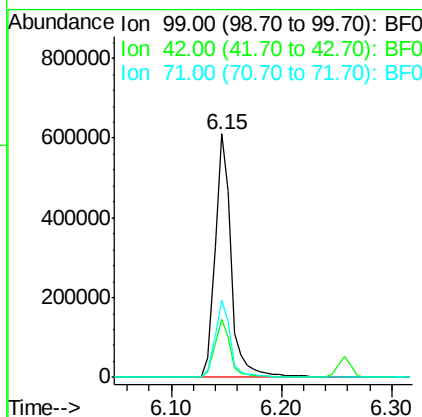
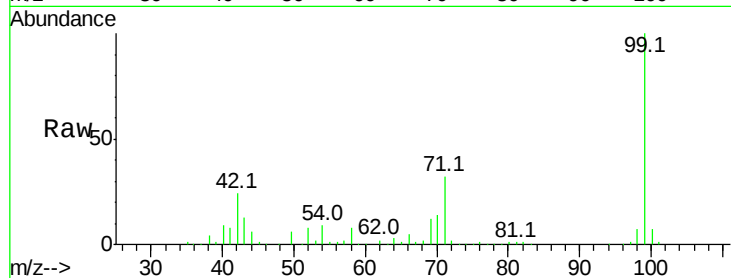
E2-HS5-BASEMS

Tot Ion:	99	Resp:	609528
Ion Ratio	Lower	Upper	
99	100		
42	23.9	13.5	20.3#
71	31.8	24.5	36.7

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#10

Phenol

Concen: 2.395 ng

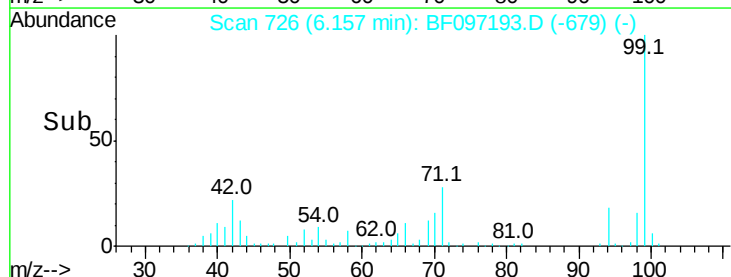
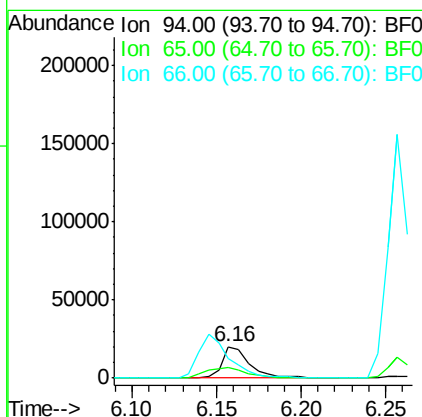
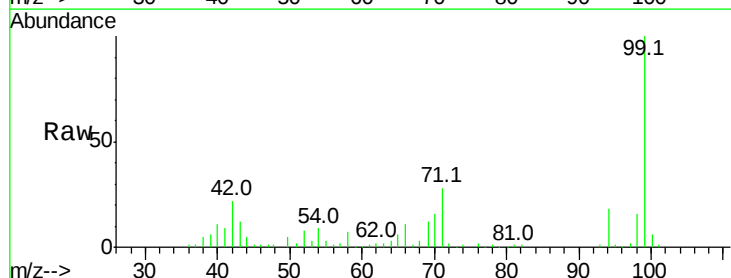
RT: 6.16 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF097193.D

Acq: 29 Jul 2017 10:00

Tgt Ion:	94	Resp:	22924
Ion Ratio	Lower	Upper	
94	100		
65	34.6	9.9	49.9
66	61.0	23.1	63.1





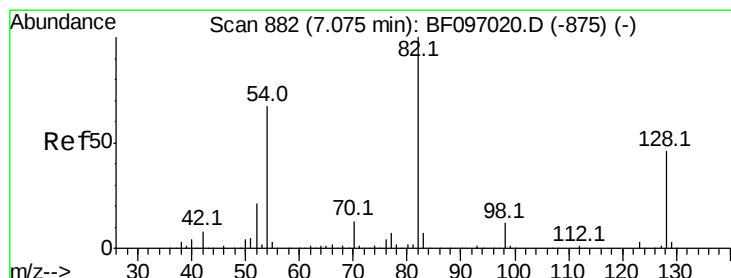
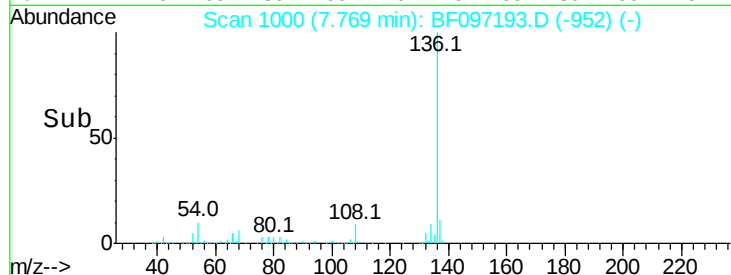
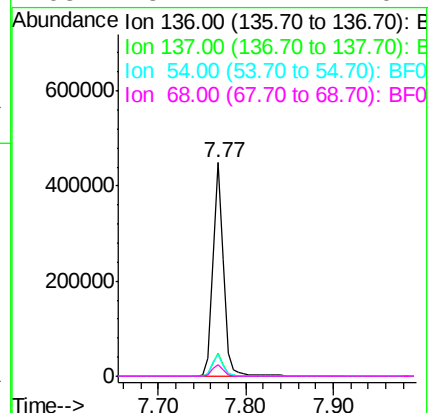
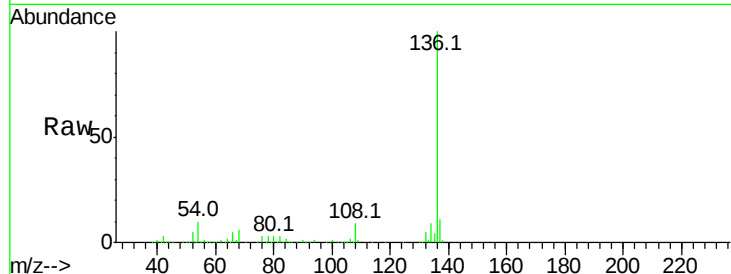
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097193.D
Acq: 29 Jul 2017 10:00

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	10.2	4.9	7.3#	
68	5.7	4.1	6.1	

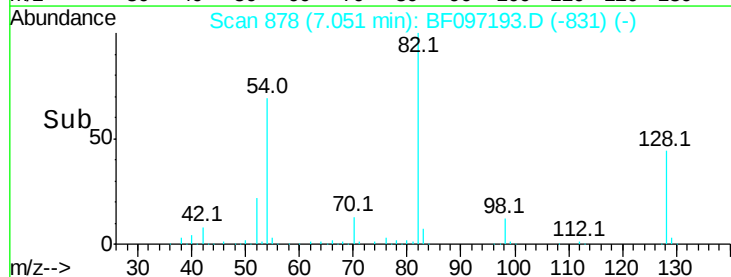
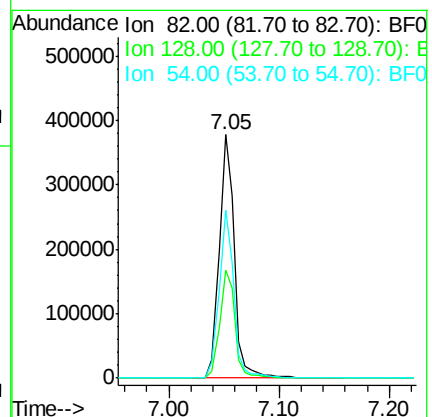
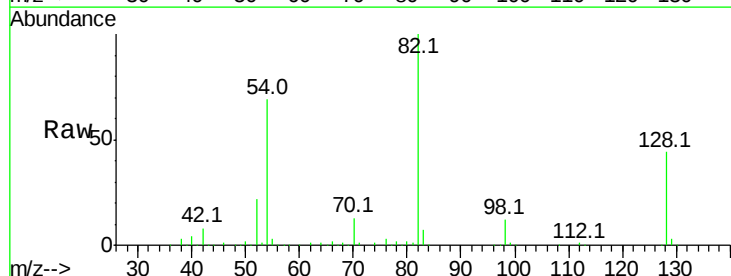
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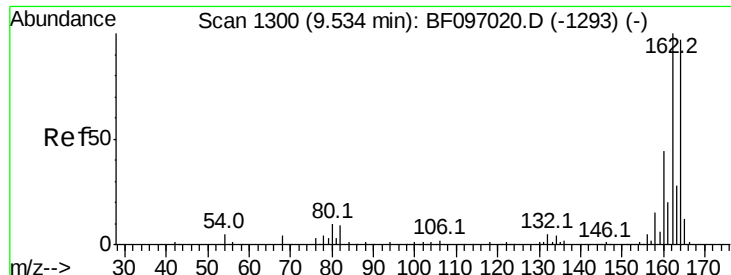
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#23
Nitrobenzene-d5
Concen: 54.749 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF097193.D
Acq: 29 Jul 2017 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.5	34.0	51.0	
54	68.8	42.2	63.2#	





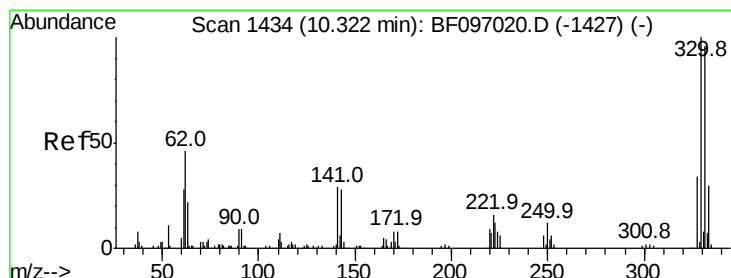
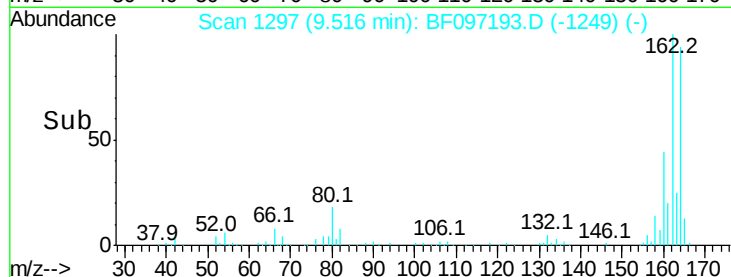
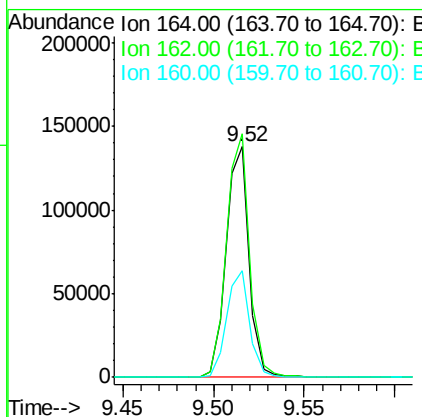
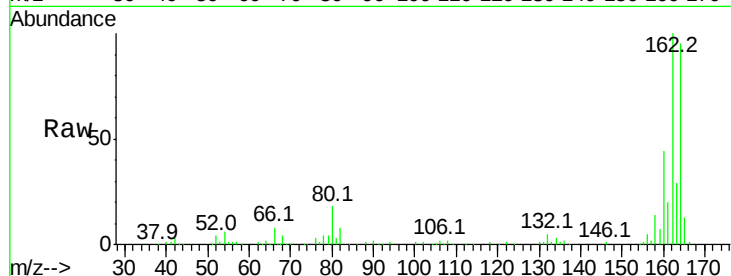
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF097193.D
 Acq: 29 Jul 2017 10:00

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.6	123.8
160	46.1	36.2	54.2

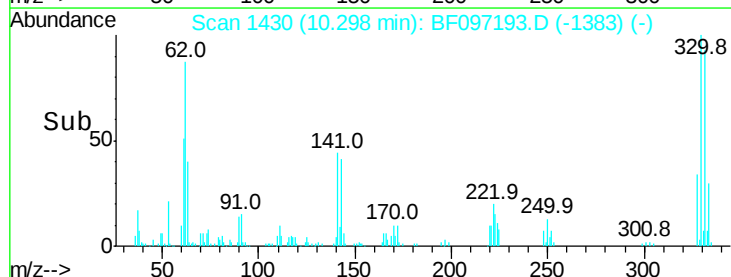
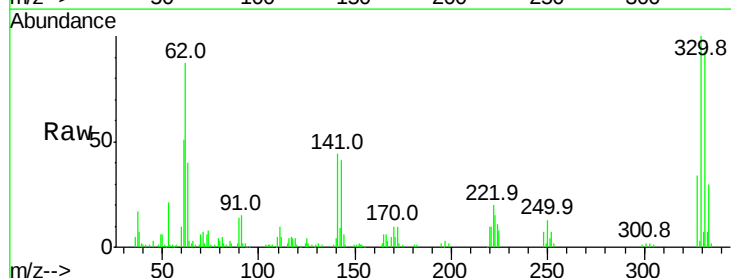
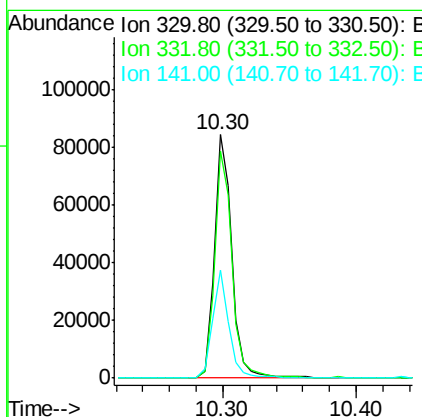
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#41
 2,4,6-Tribromophenol
 Concen: 81.508 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF097193.D
 Acq: 29 Jul 2017 10:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.2	76.6	115.0
141	41.5	31.4	47.2





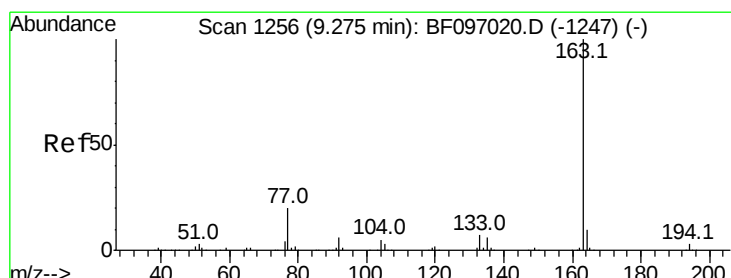
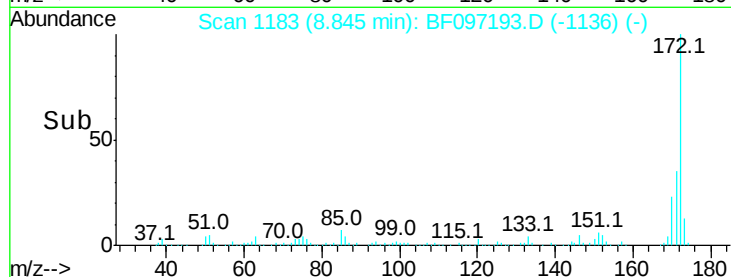
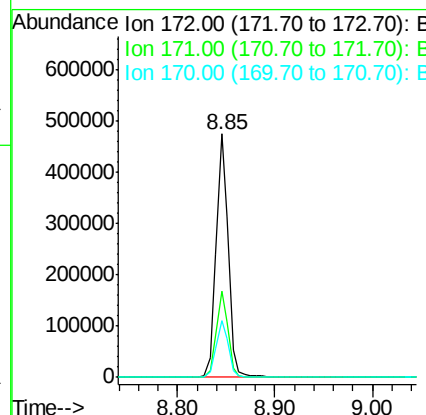
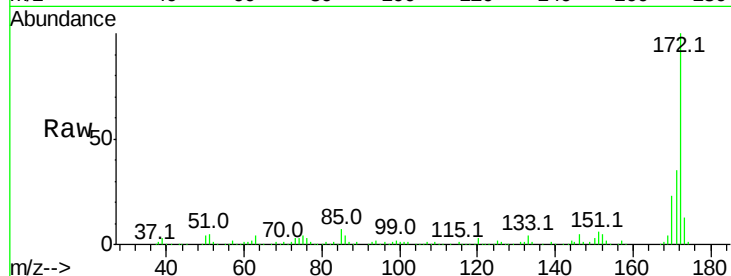
#44
2-Fluorobiphenyl
Concen: 57.493 ng
RT: 8.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF097193.D
Acq: 29 Jul 2017 10:00

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	409933		
171	35.1		29.6	44.4
170	23.2		19.8	29.8

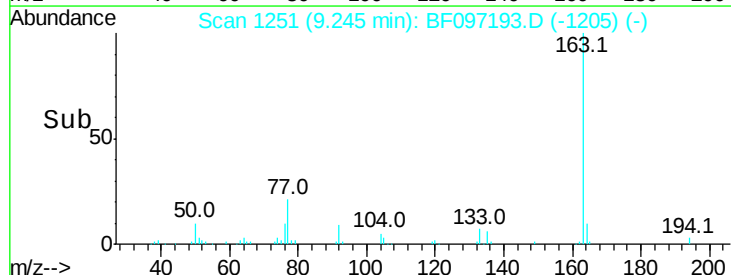
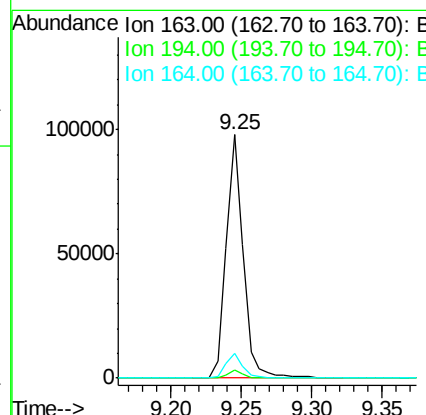
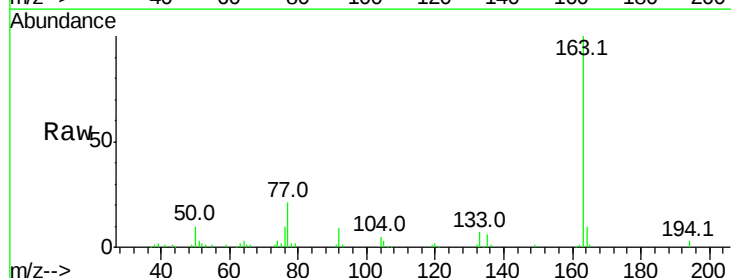
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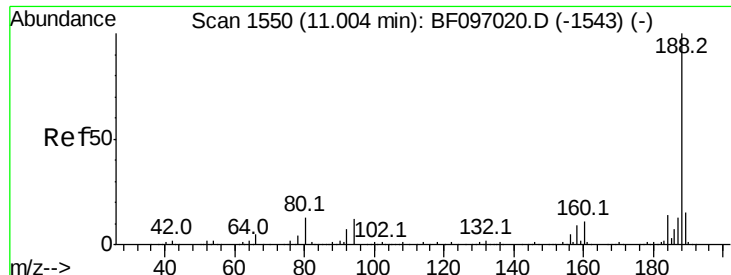
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#49
Dimethylphthalate
Concen: 8.928 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097193.D
Acq: 29 Jul 2017 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	82039		
194	3.2		2.6	4.0
164	10.4		8.4	12.6





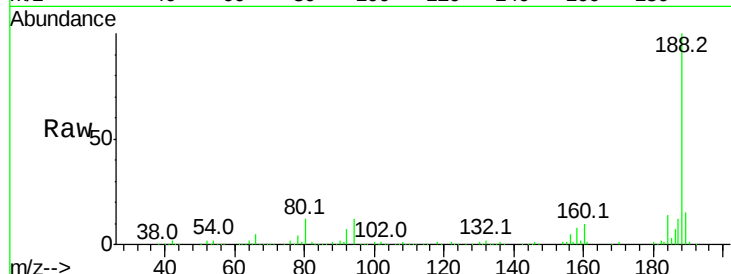
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097193.D
Acq: 29 Jul 2017 10:00

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

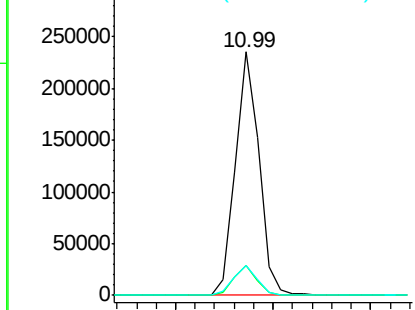
Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.1	9.4	14.2
80	12.4	10.2	15.2

Manual Integrations
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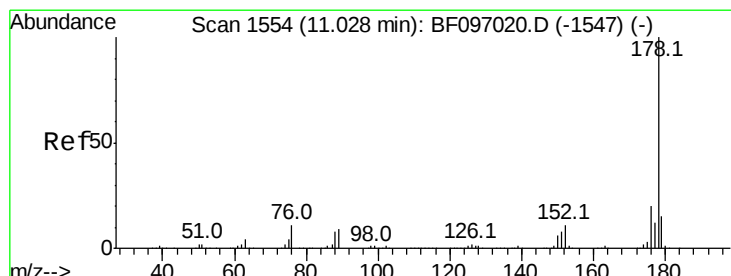
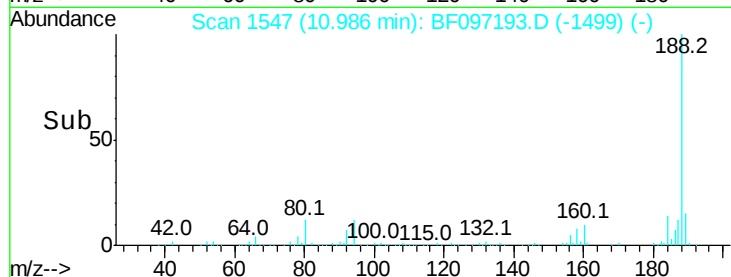
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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



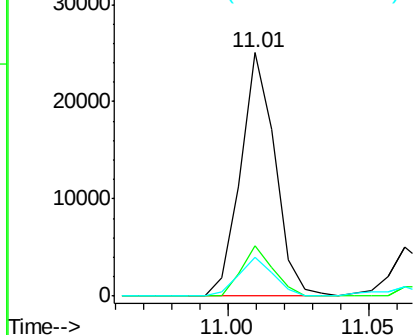
Time-->



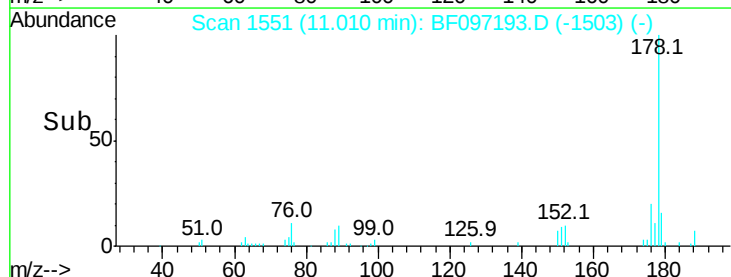
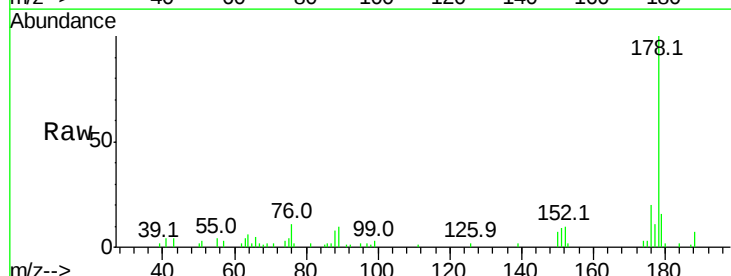
#70
Phenanthrene
Concen: 2.000 ng
RT: 11.01 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF097193.D
Acq: 29 Jul 2017 10:00

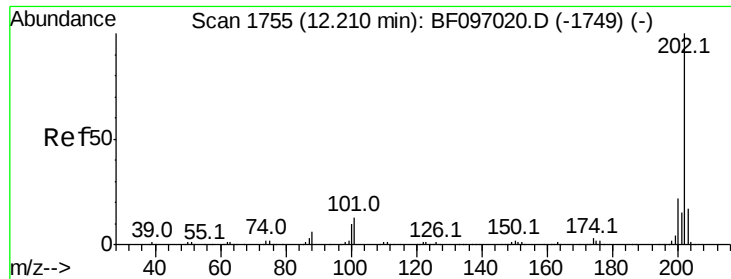
Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	20.5	16.2	24.4
179	15.8	12.6	19.0

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->





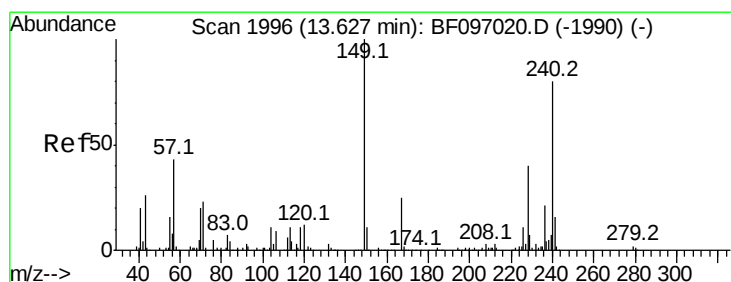
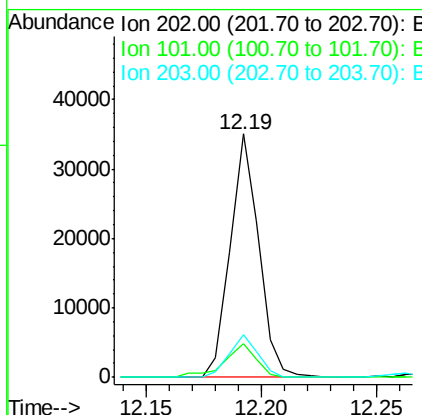
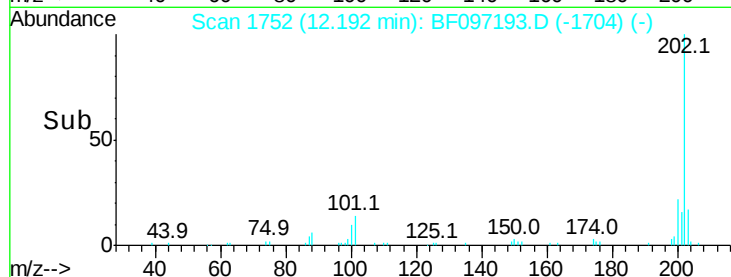
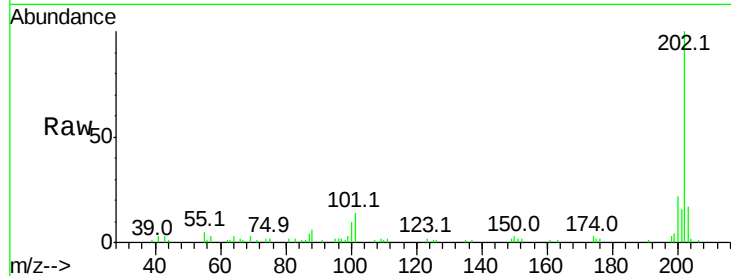
#74
 Fluoranthene
 Concen: 2.904 ng
 RT: 12.19 min Scan# 1752
 Delta R.T. -0.02 min
 Lab File: BF097193.D
 Acq: 29 Jul 2017 10:00

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.1	0.0	33.2
203	17.5	0.0	38.1

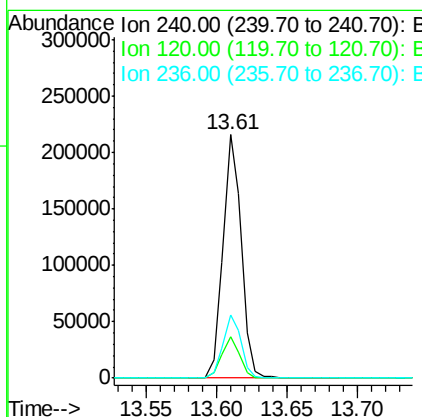
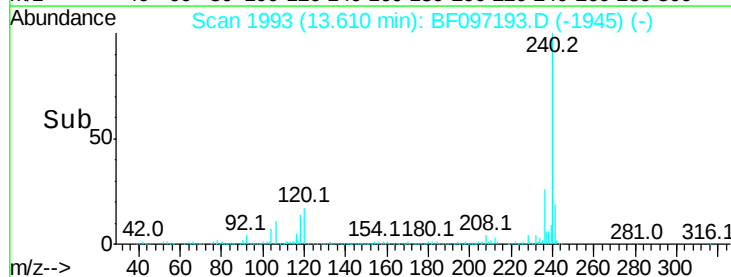
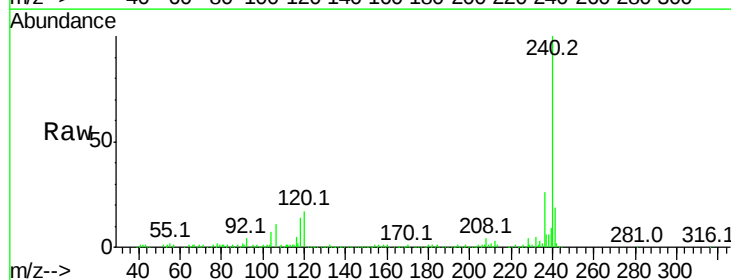
Manual Integrations
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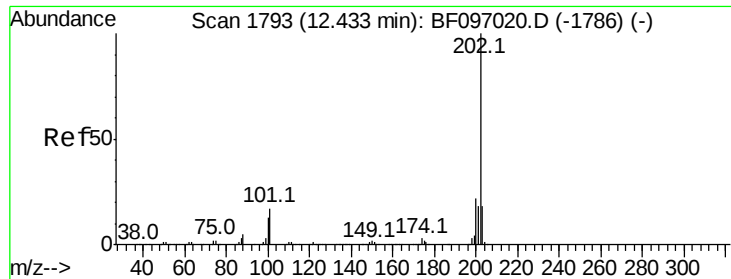
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.61 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF097193.D
 Acq: 29 Jul 2017 10:00

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	17.1	5.8	8.8#
236	25.8	20.5	30.7





#77

Pvrene

Concen: 2.130 ng

RT: 12.42 min Scan# 1790

Delta R.T. -0.02 min

Lab File: BF097193.D

Acq: 29 Jul 2017 10:00

Instrument :

BNA_F

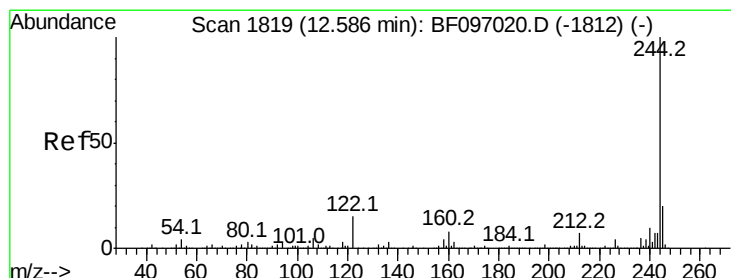
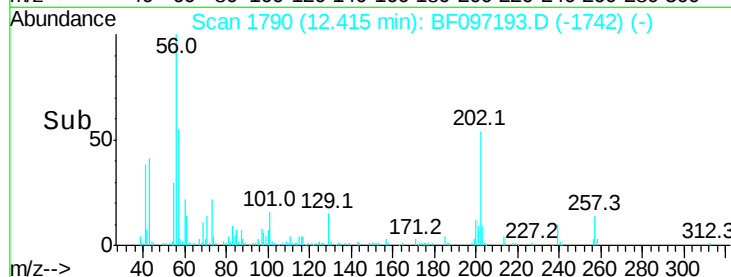
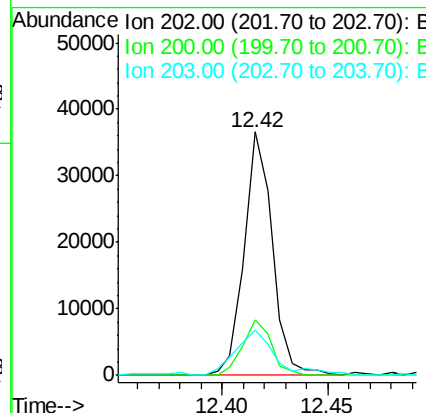
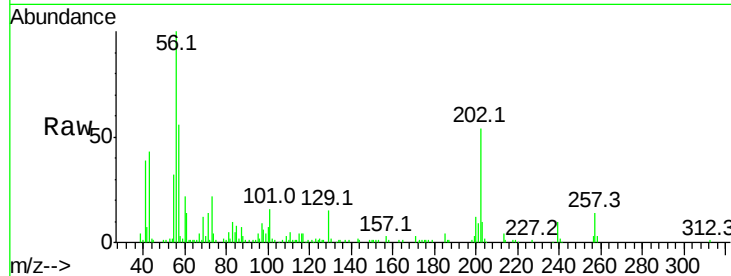
ClientSampleId :

E2-HS5-BASEMS

Tot Ion:	202	Resp:	33895
Ion Ratio	Lower	Upper	
202	100		
200	22.6	17.6	26.4
203	18.8	14.4	21.6

Manual Integrations
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#78

Terphenyl-d14

Concen: 23.797 ng

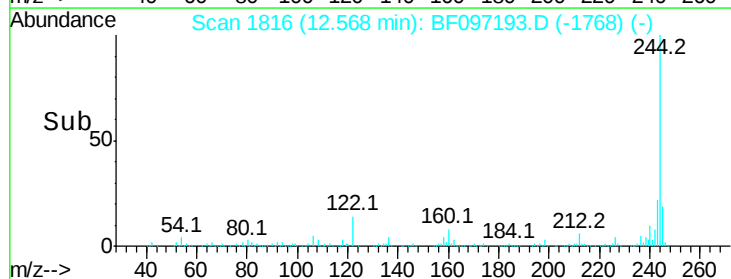
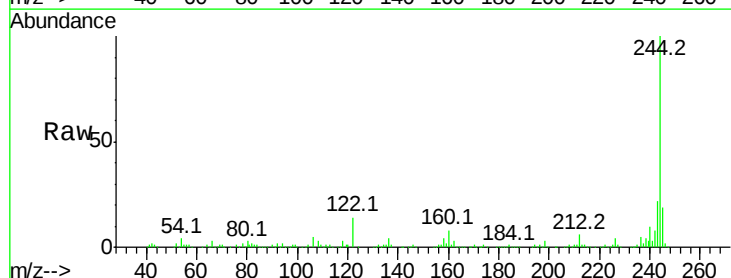
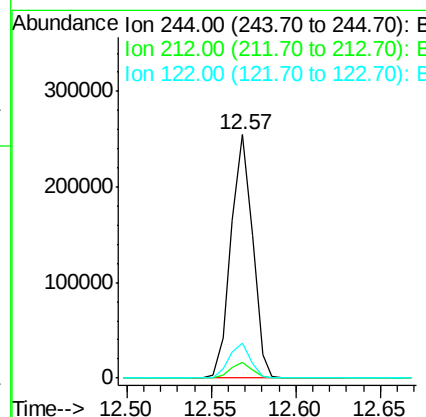
RT: 12.57 min Scan# 1816

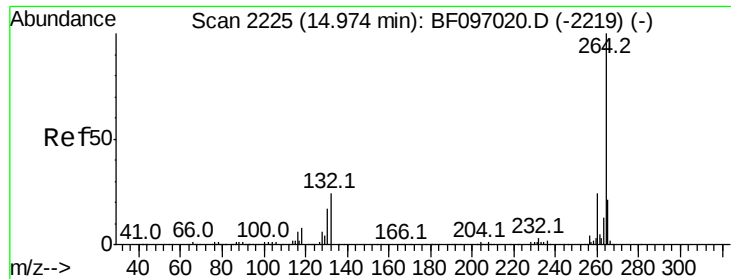
Delta R.T. -0.02 min

Lab File: BF097193.D

Acq: 29 Jul 2017 10:00

Tgt Ion:	244	Resp:	226864
Ion Ratio	Lower	Upper	
244	100		
212	6.3	6.0	9.0
122	14.1	10.3	15.5





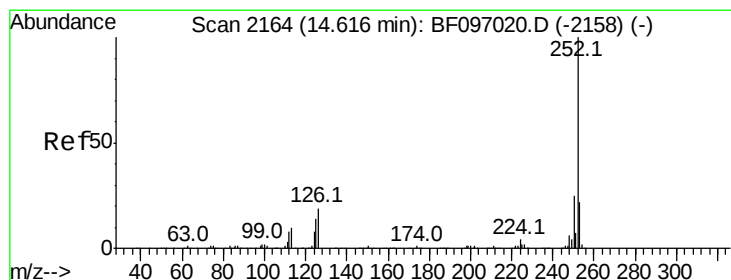
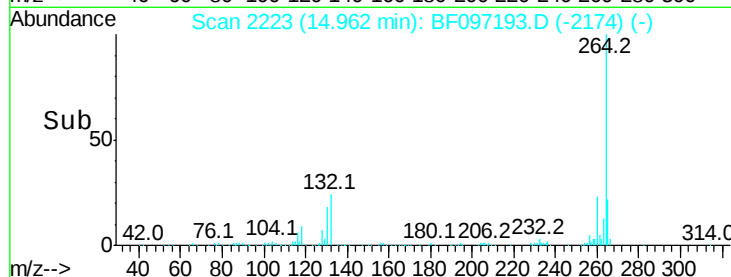
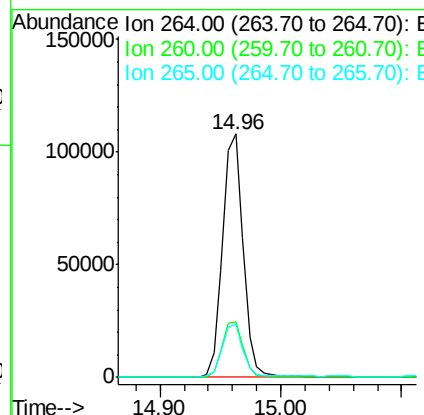
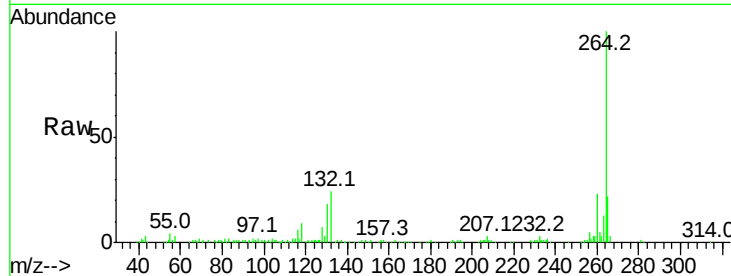
#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097193.D
Acq: 29 Jul 2017 10:00

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.6	17.2	25.8

Manual Integrations
APPROVED

Sohil
7/31/2017 6:53:13 PM



#87
Benzo(b)fluoranthene
Concen: 2.244 ng m
RT: 14.60 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF097193.D
Acq: 29 Jul 2017 10:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	21.9	9.8	14.8#

