

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
 Data File : BF097207.D
 Acq On : 31 Jul 2017 14:56
 Operator : SJ/JU
 Sample : I4421-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASE

Manual Integrations
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Sohil
 8/1/2017 5:44:31 PM

Quant Time: Jul 31 19:21:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 15:18:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	122904	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	467667	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	184156	20.00	ng	0.00
63) Phenanthrene-d10	10.98	188	274196	20.00	ng	0.00
75) Chrysene-d12	13.61	240	222090	20.00	ng	0.00
86) Perylene-d12	14.96	264	233902	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	628983	77.15	ng	0.00
7) Phenol-d6	6.14	99	741565	79.67	ng	0.00
23) Nitrobenzene-d5	7.05	82	423891	53.17	ng	0.00
41) 2,4,6-Tribromophenol	10.29	330	106806	73.41	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	539404	49.71	ng	0.00
78) Terphenyl-d14	12.56	244	285953	26.25	ng	-0.01
Target Compounds						
10) Phenol	6.15	94	28338	2.567	ng	93
49) Dimethylphthalate	9.24	163	130151	9.307	ng	98
70) Phenanthrene	11.00	178	30257	2.059	ng	99
74) Fluoranthene	12.19	202	40188	2.792	ng	96
77) Pyrene	12.42	202	44738	2.461	ng	97

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

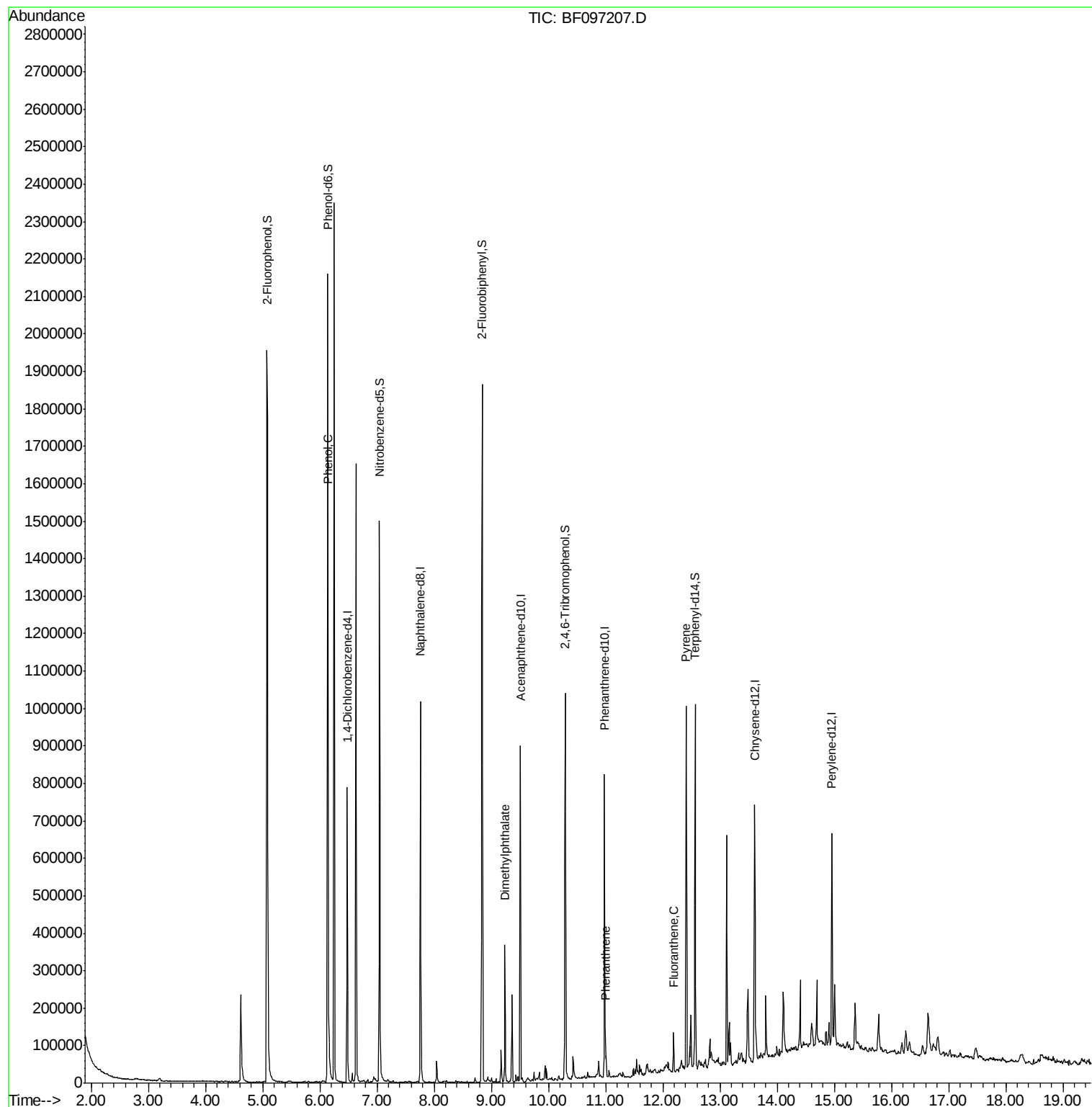
Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

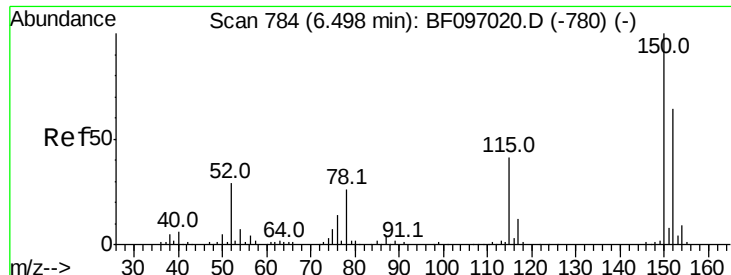
Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

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Quant Time: Jul 31 19:21:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
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#1

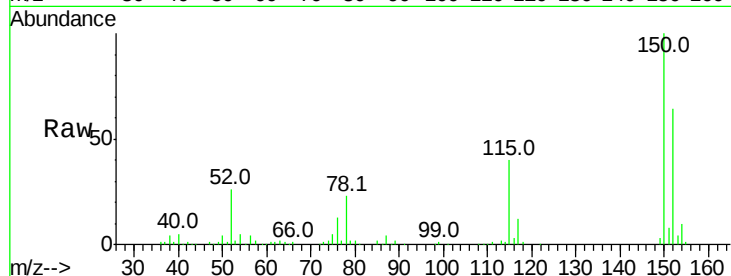
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF097207.D
Acq: 31 Jul 2017 14:56

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.2	189.2
115	62.1	52.2	78.2

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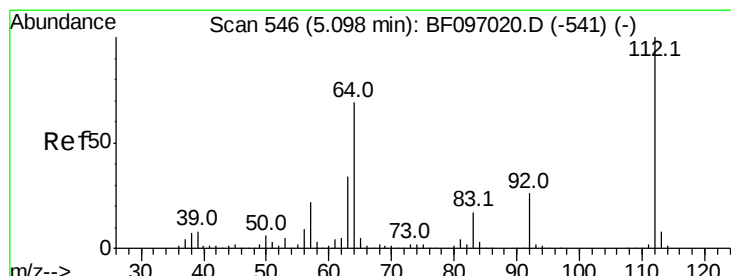
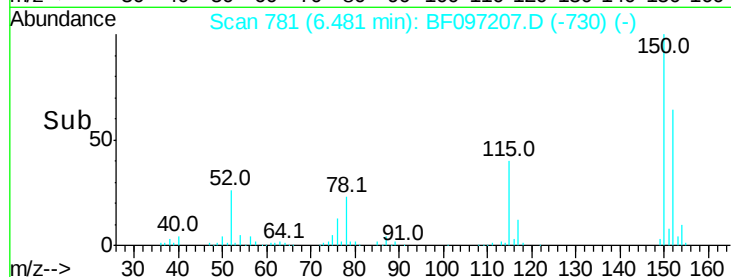
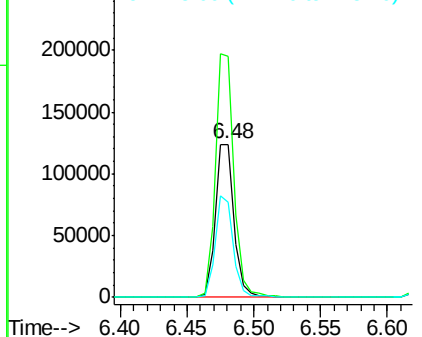


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

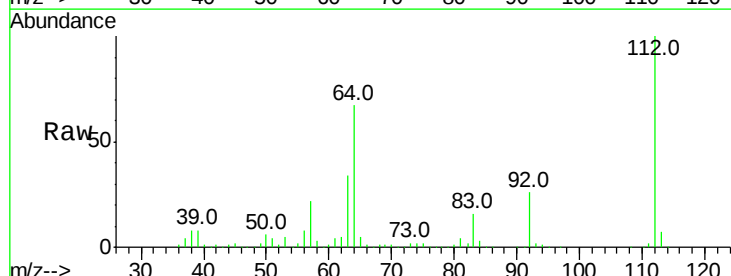
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 77.148 ng
RT: 5.07 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF097207.D
Acq: 31 Jul 2017 14:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.9	46.0	69.0
63	34.4	23.4	35.0

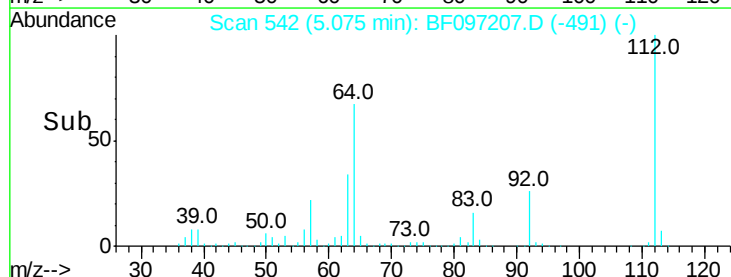
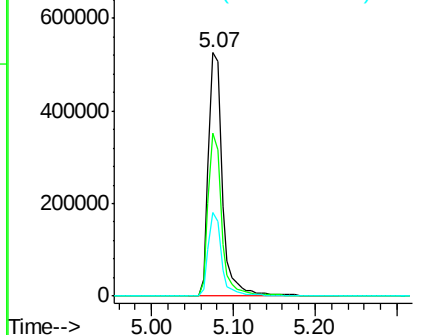


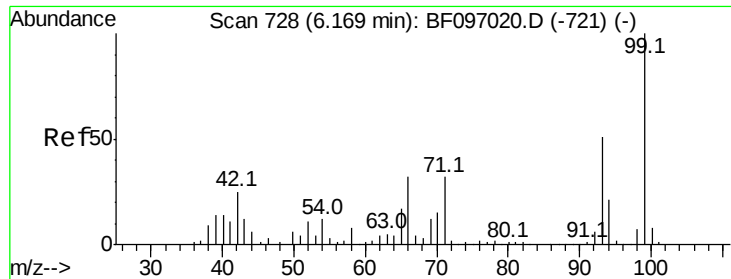
Abundance

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: 79.674 ng

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF097207.D

Acq: 31 Jul 2017 14:56

Instrument :

BNA_F

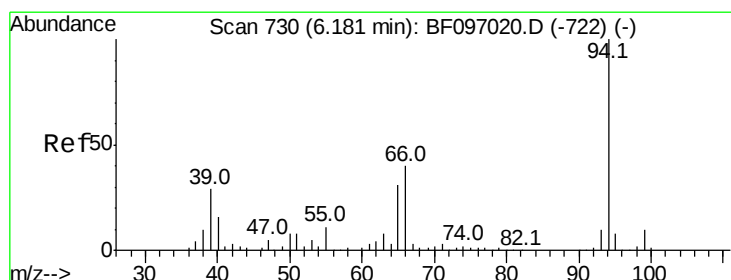
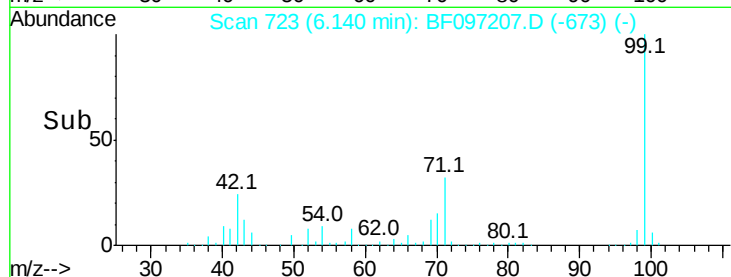
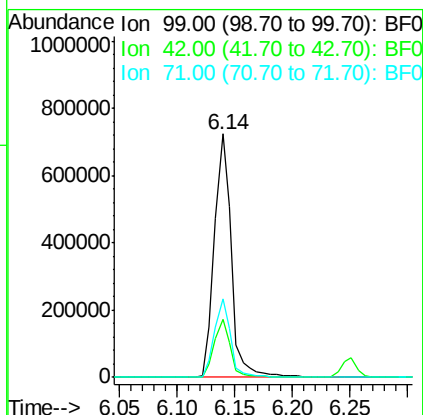
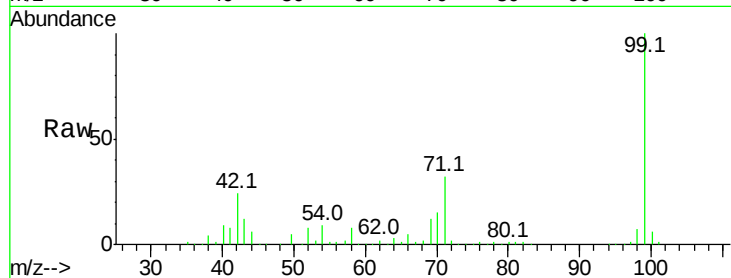
ClientSampleId :

E2-HS5-BASE

Tot Ion:	99	Resp:	741565
Ion	Ratio	Lower	Upper
99	100		
42	23.9	13.5	20.3#
71	32.1	24.5	36.7

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#10

Phenol

Concen: 2.567 ng

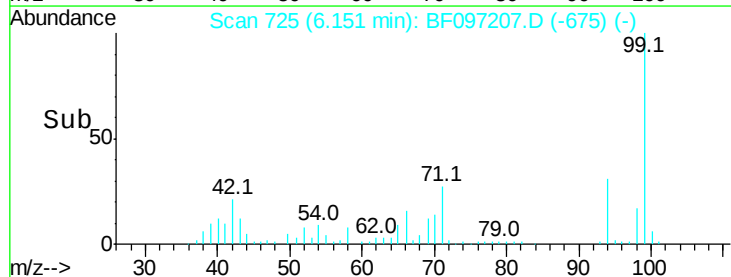
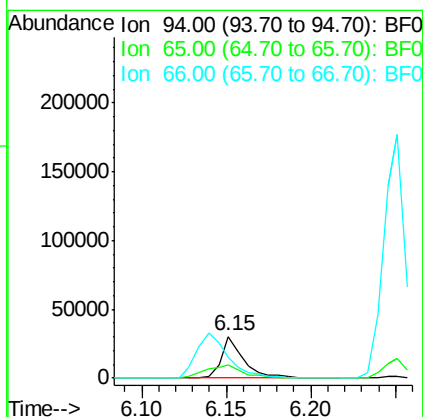
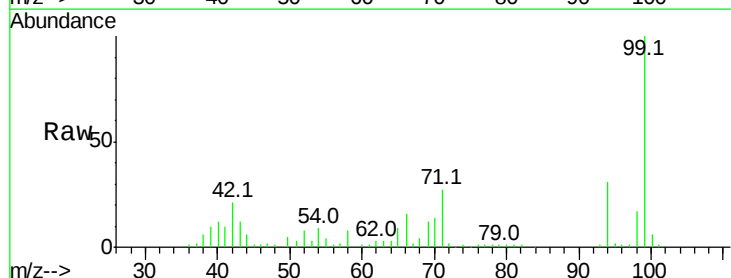
RT: 6.15 min Scan# 725

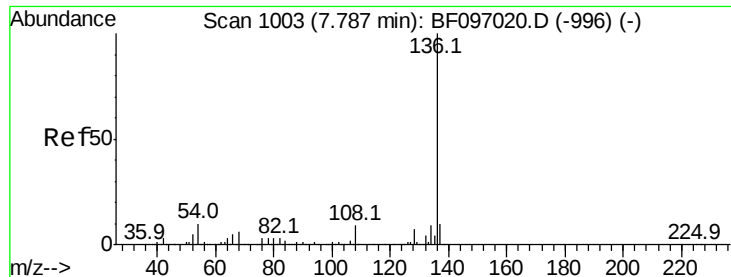
Delta R.T. -0.01 min

Lab File: BF097207.D

Acq: 31 Jul 2017 14:56

Tgt Ion:	94	Resp:	28338
Ion	Ratio	Lower	Upper
94	100		
65	30.3	9.9	49.9
66	50.3	23.1	63.1





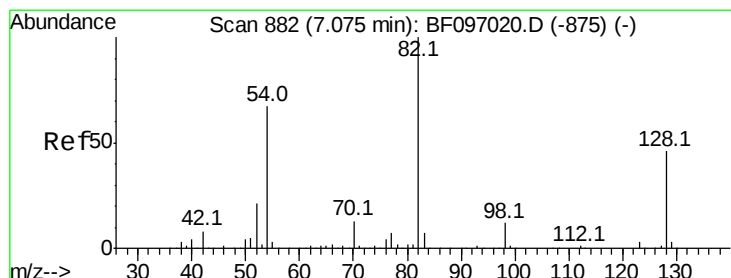
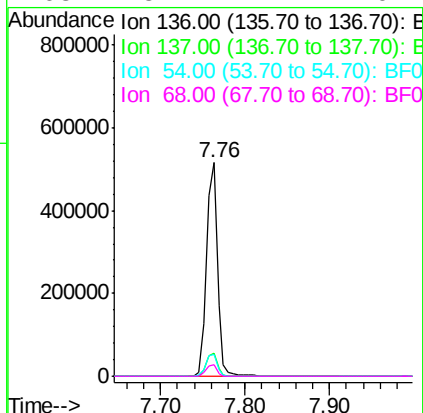
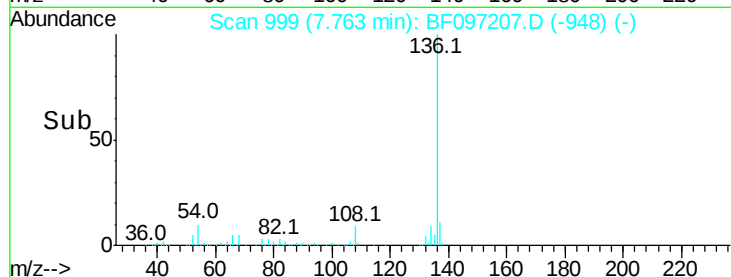
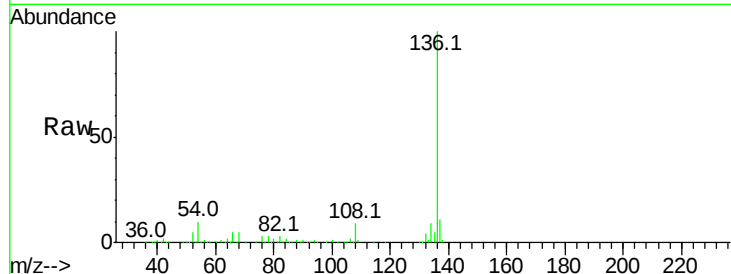
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.76 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF097207.D
Acq: 31 Jul 2017 14:56

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.5	12.7	
54	10.1	4.9	7.3	
68	5.1	4.1	6.1	

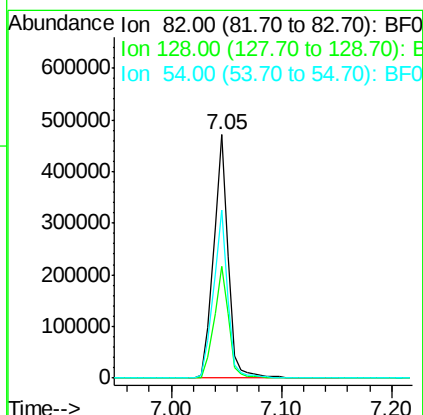
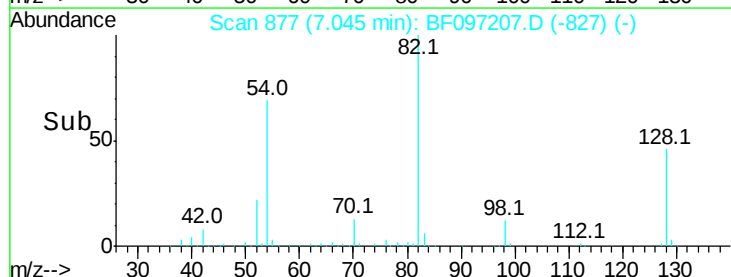
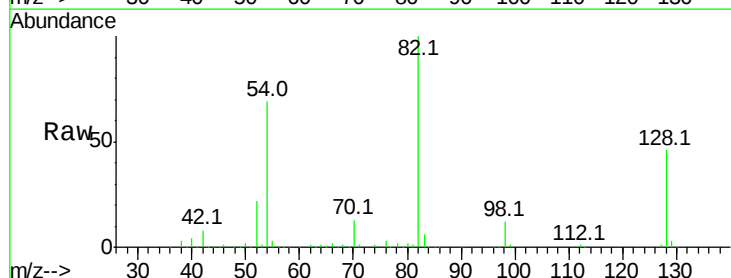
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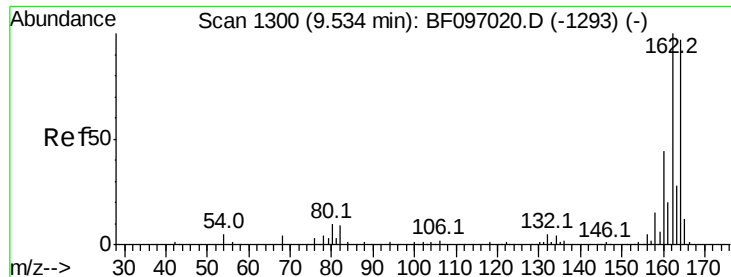
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#23
Nitrobenzene-d5
Concen: 53.173 ng
RT: 7.05 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF097207.D
Acq: 31 Jul 2017 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.8	34.0	51.0	
54	69.1	42.2	63.2	





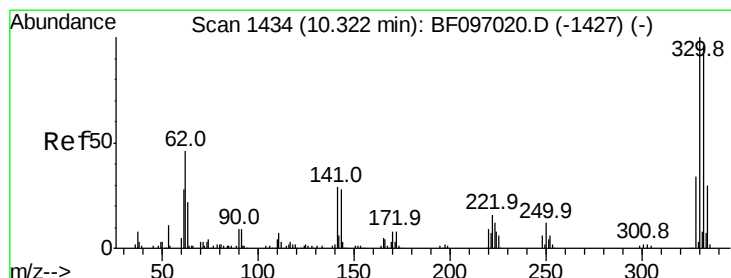
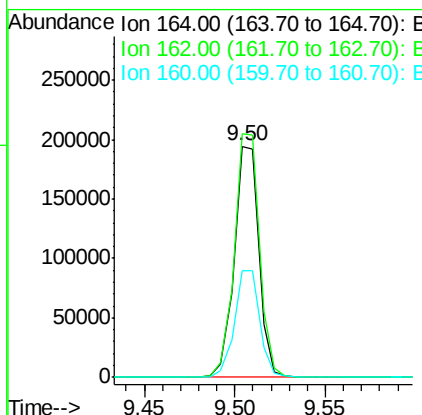
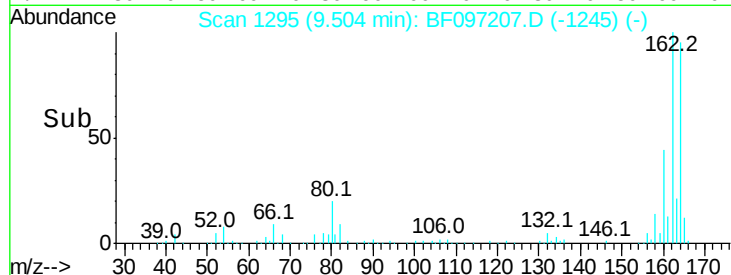
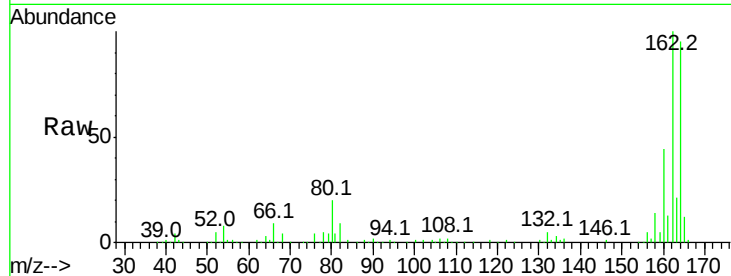
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF097207.D
 Acq: 31 Jul 2017 14:56

Instrument :
 BNA_F
 ClientSampled :
 E2-HS5-BASE

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.3	82.6	123.8	
160	46.0	36.2	54.2	

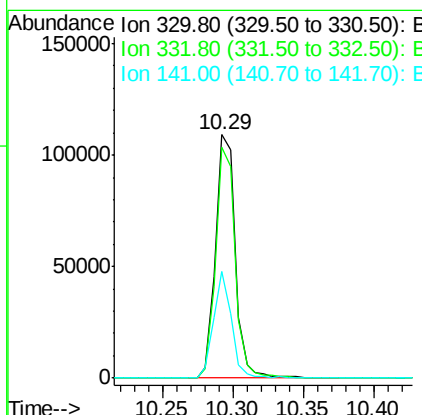
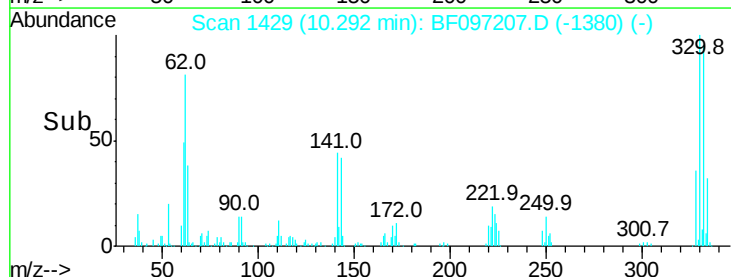
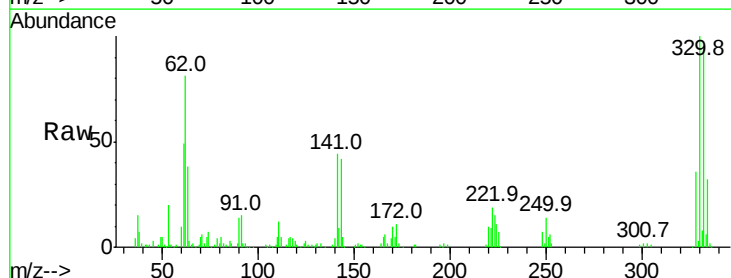
Manual Integrations
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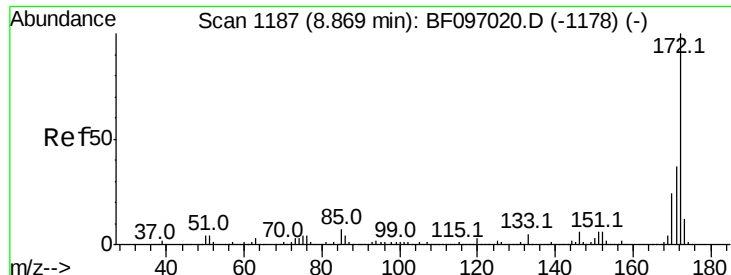
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#41
 2,4,6-Tribromophenol
 Concen: 73.406 ng
 RT: 10.29 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF097207.D
 Acq: 31 Jul 2017 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	93.3	76.6	115.0	
141	39.5	31.4	47.2	





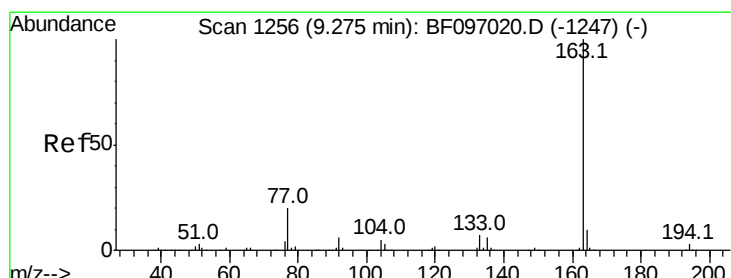
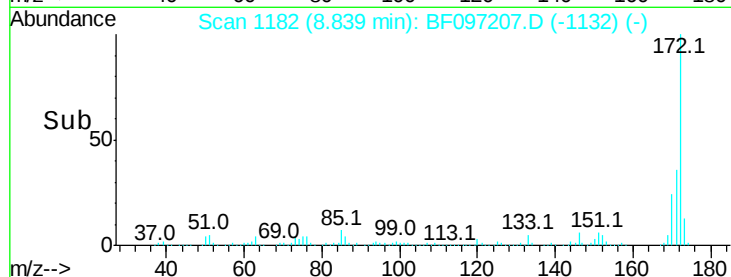
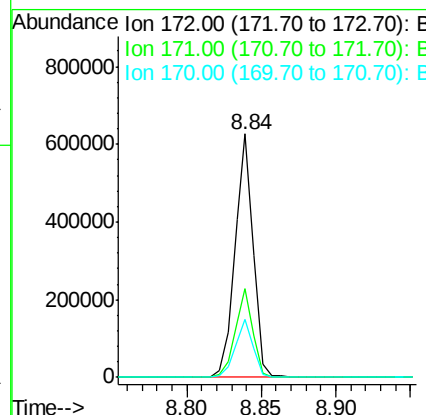
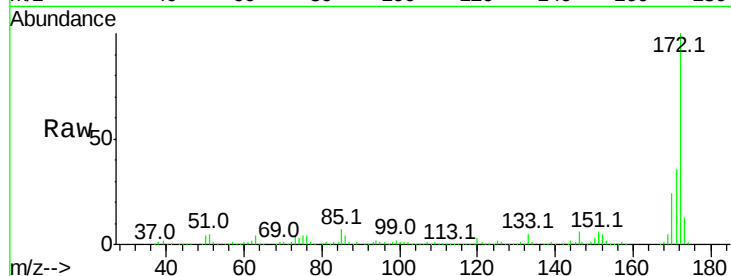
#44
2-Fluorobiphenyl
Concen: 49.709 ng
RT: 8.84 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF097207.D
Acq: 31 Jul 2017 14:56

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.0	19.8	29.8

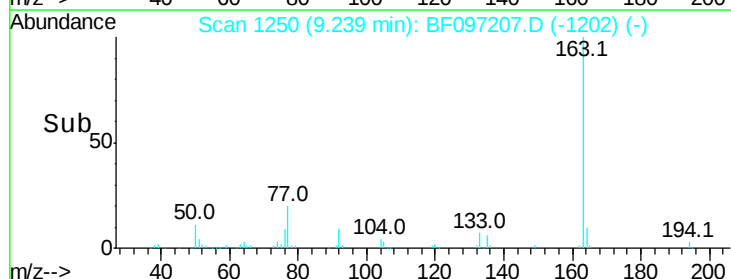
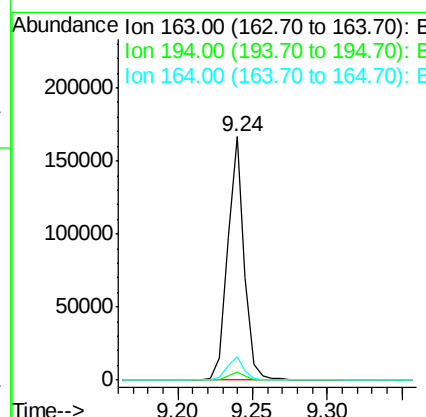
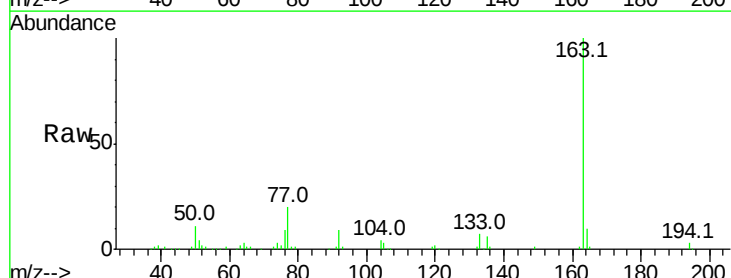
Manual Integrations
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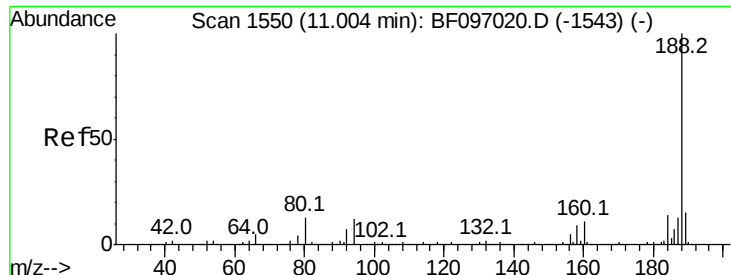
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#49
Dimethylphthalate
Concen: 9.307 ng
RT: 9.24 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF097207.D
Acq: 31 Jul 2017 14:56

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.5	8.4	12.6





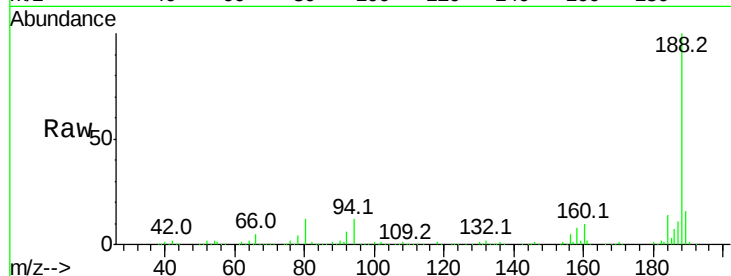
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.98 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF097207.D
Acq: 31 Jul 2017 14:56

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

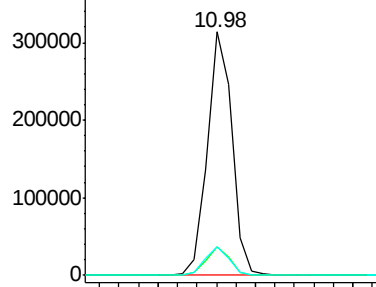
Tot Ion	Ratio	Resp	Lower	Upper
188	100	274196		
94	11.7		9.4	14.2
80	11.7		10.2	15.2

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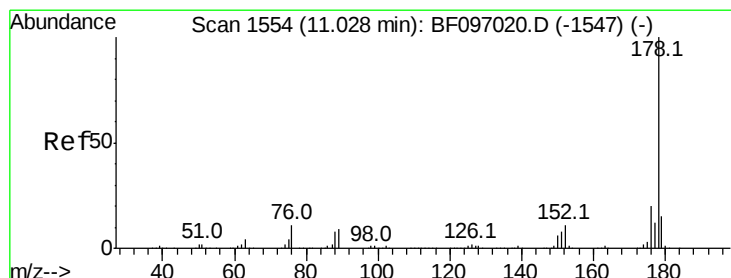
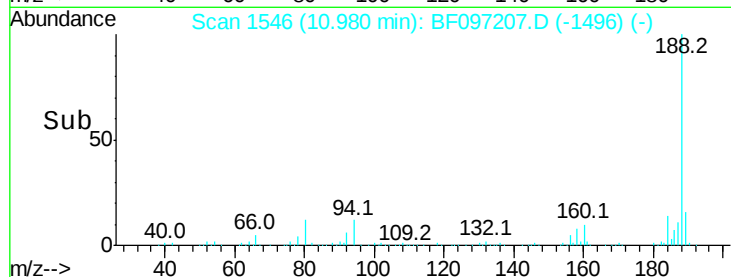
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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



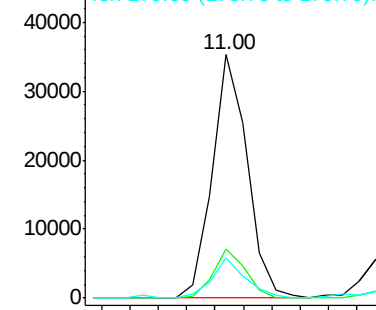
Time-->



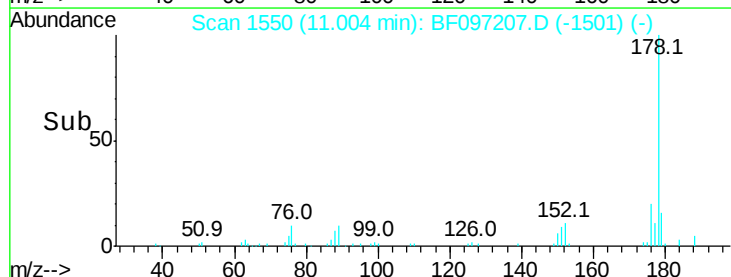
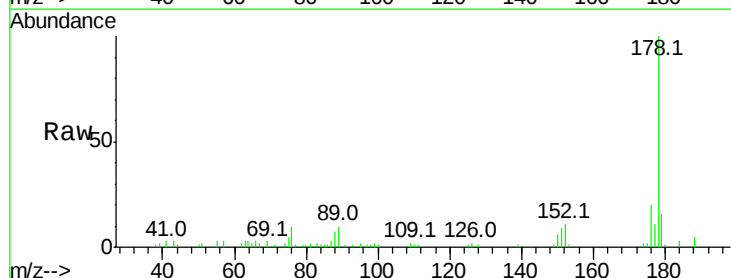
#70
Phenanthrene
Concen: 2.059 ng
RT: 11.00 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097207.D
Acq: 31 Jul 2017 14:56

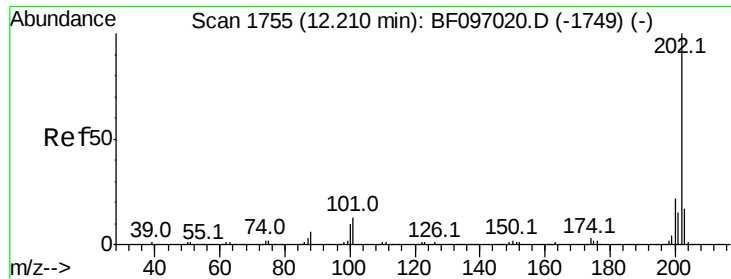
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	30257		
176	20.3		16.2	24.4
179	16.3		12.6	19.0

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-->





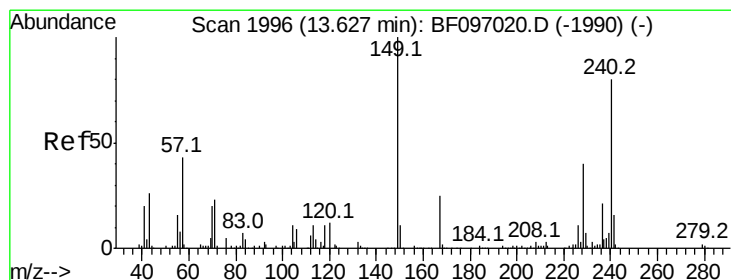
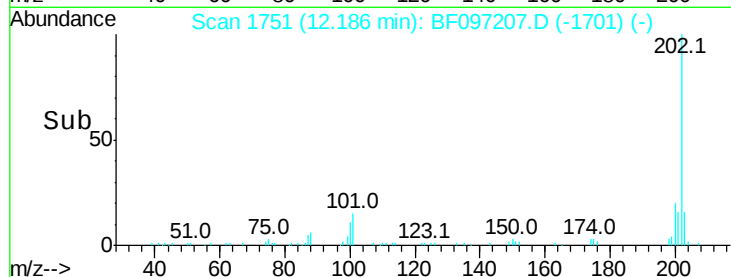
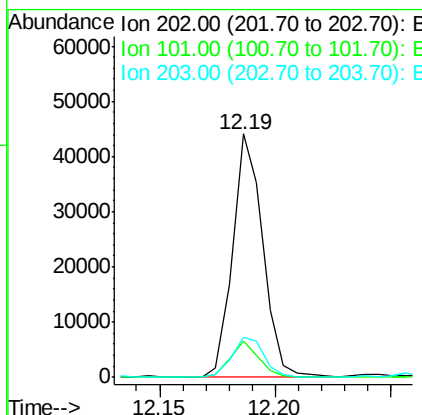
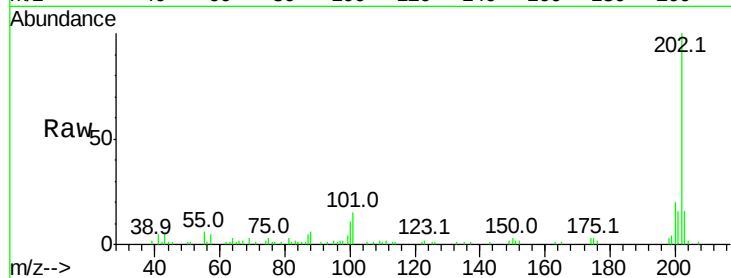
#74
 Fluoranthene
 Concen: 2.792 ng
 RT: 12.19 min Scan# 1751
 Delta R.T. -0.01 min
 Lab File: BF097207.D
 Acq: 31 Jul 2017 14:56

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.0	0.0	33.2
203	16.4	0.0	38.1

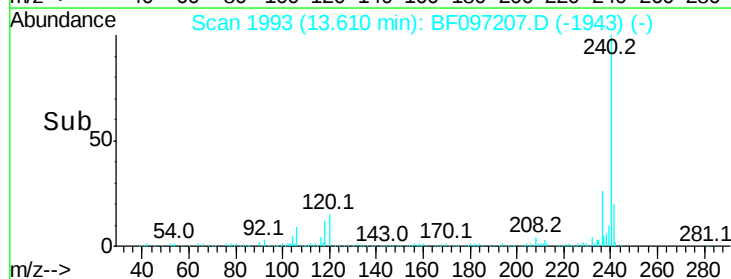
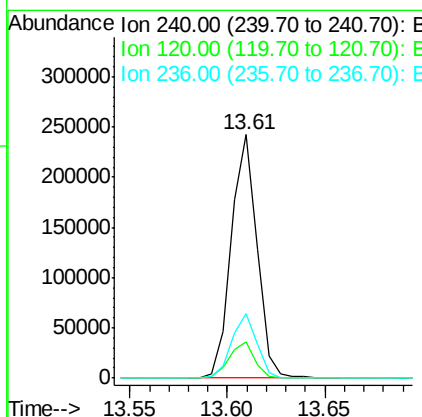
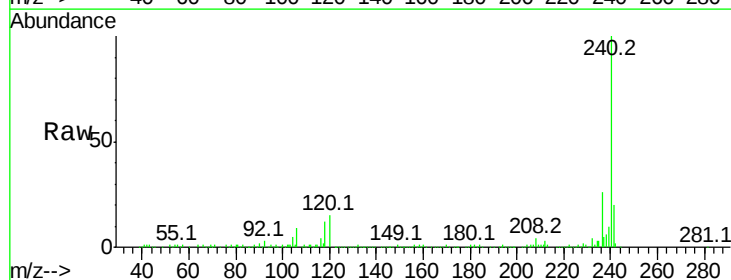
Manual Integrations
 APPROVED

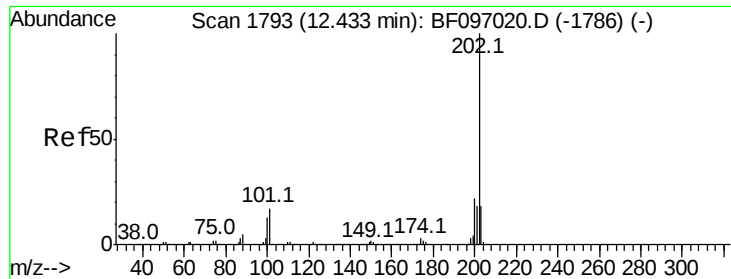
Sohil
 8/1/2017 5:44:31 PM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.61 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BF097207.D
 Acq: 31 Jul 2017 14:56

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	26.4	20.5	30.7





#77

Pvrene

Concen: 2.461 ng

RT: 12.42 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF097207.D

Acq: 31 Jul 2017 14:56

Instrument :

BNA_F

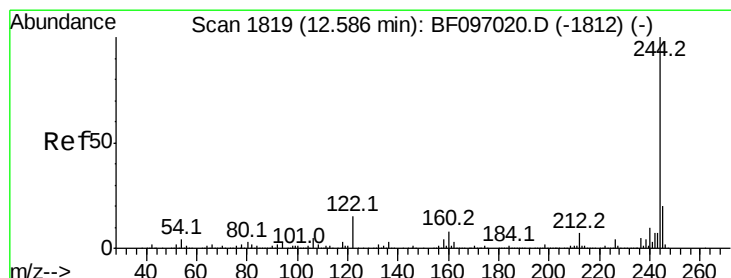
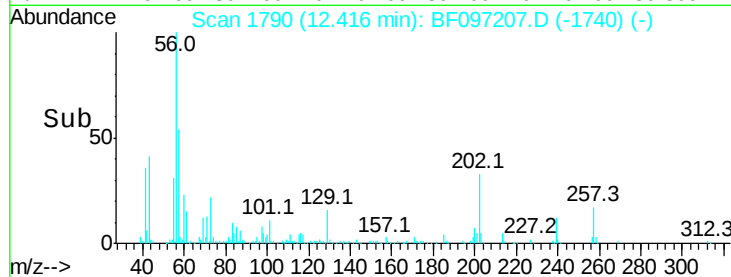
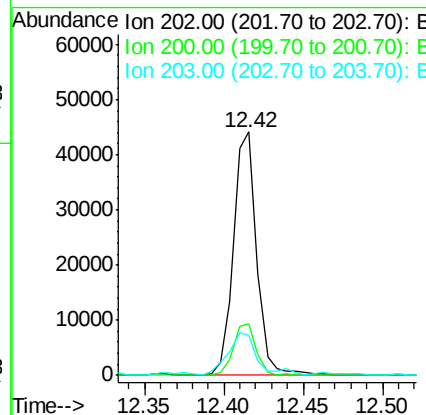
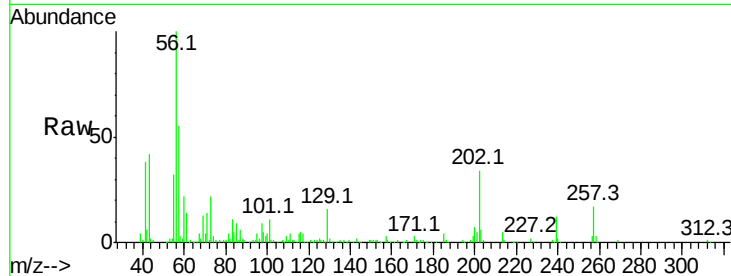
ClientSampleId :

E2-HS5-BASE

Tot Ion:	202	Resp:	44738
Ion Ratio		Lower	Upper
202	100		
200	21.0	17.6	26.4
203	16.6	14.4	21.6

Manual Integrations
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#78

Terphenyl-d14

Concen: 26.251 ng

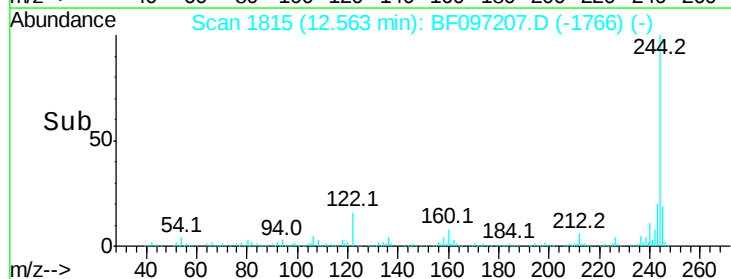
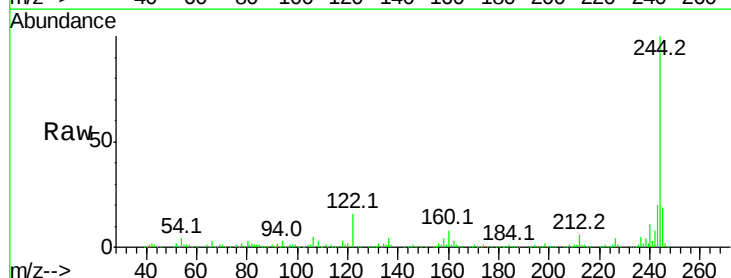
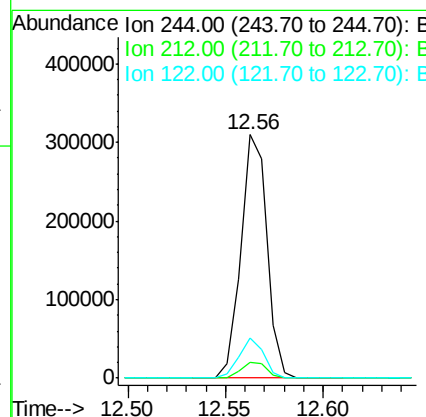
RT: 12.56 min Scan# 1815

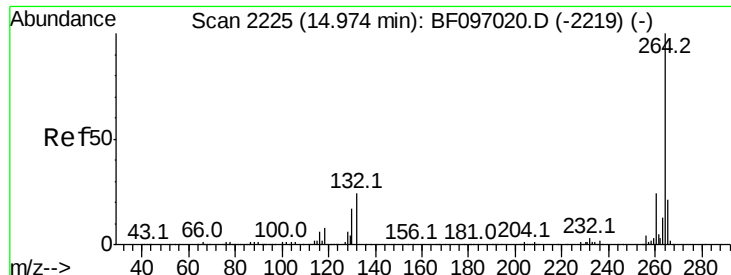
Delta R.T. -0.01 min

Lab File: BF097207.D

Acq: 31 Jul 2017 14:56

Tgt Ion:	244	Resp:	285953
Ion Ratio		Lower	Upper
244	100		
212	6.4	6.0	9.0
122	16.4	10.3	15.5#





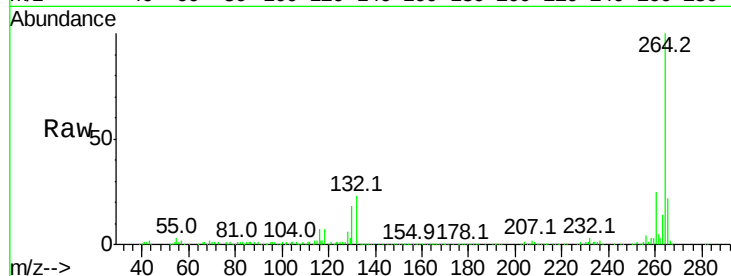
#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BF097207.D
Acq: 31 Jul 2017 14:56

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.5	29.3
265	22.3	17.2	25.8

Manual Integrations
APPROVED

Sohil
8/1/2017 5:44:31 PM



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

