

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097269.D
 Acq On : 2 Aug 2017 12:04
 Operator : SJ/JU
 Sample : I4527-04 10X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-SSW

Manual Integrations
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Quant Time: Aug 02 13:33:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 11:39:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	121354	20.00	ng	0.00
21) Naphthalene-d8	7.75	136	402639	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	153314	20.00	ng	0.00
63) Phenanthrene-d10	10.96	188	218684	20.00	ng	0.00
75) Chrysene-d12	13.59	240	213222	20.00	ng	0.00
86) Perylene-d12	14.93	264	148030	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	72345	8.99	ng	0.00
7) Phenol-d6	6.13	99	92063	10.02	ng	-0.01
23) Nitrobenzene-d5	7.03	82	39713	5.79	ng	0.00
41) 2,4,6-Tribromophenol	10.28	330	10072	8.31	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	87401	9.67	ng	-0.01
78) Terphenyl-d14	12.55	244	50775	4.86	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	10.99	178	60750	5.185	ng	97
74) Fluoranthene	12.17	202	125137	10.902	ng	96
77) Pyrene	12.39	202	113170	6.483	ng	98
80) Benzo(a)anthracene	13.57	228	66776	4.840	ng	99
82) Chrysene	13.61	228	58867	4.370	ng	96
87) Benzo(b)fluoranthene	14.58	252	64899m	7.293	ng	
88) Benzo(k)fluoranthene	14.60	252	23793m	2.806	ng	
89) Benzo(a)pyrene	14.88	252	41520	5.098	ng	97
91) Benzo(g,h,i)perylene	16.50	276	18523	2.645	ng	95

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

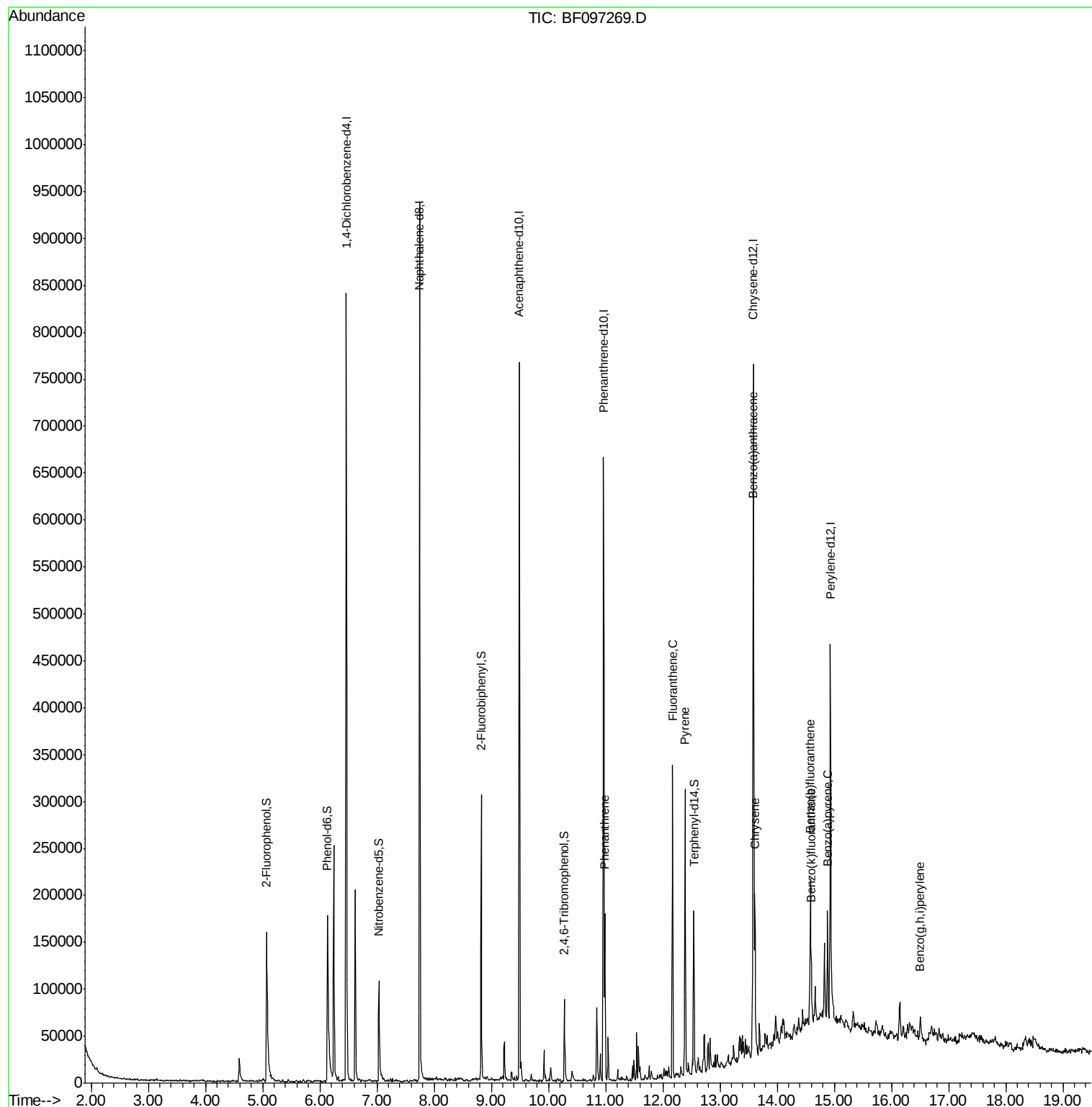
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097269.D
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Misc :
ALS Vial : 45 Sample Multiplier: 1

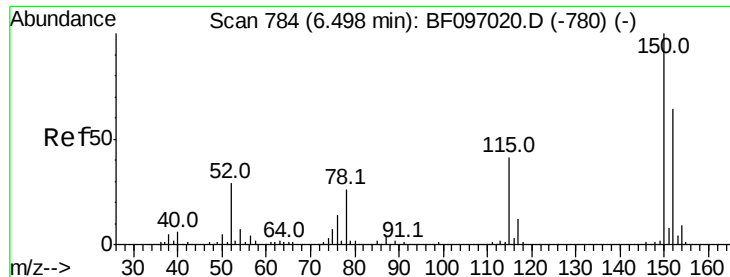
Instrument :
BNA_F
ClientSampleId :
E2-HS7-SSW

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Quant Time: Aug 02 13:33:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
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#1

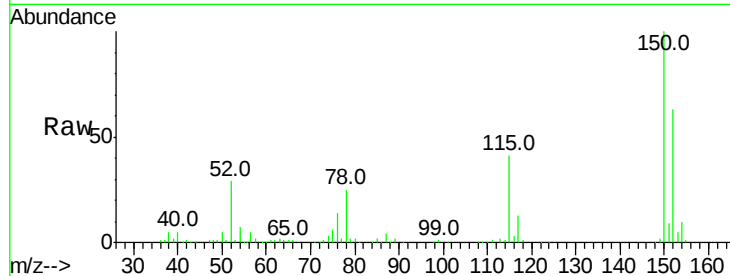
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.46 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF097269.D
Acq: 2 Aug 2017 12:04

Instrument :
BNA_F
ClientSampleId :
E2-HS7-SSW

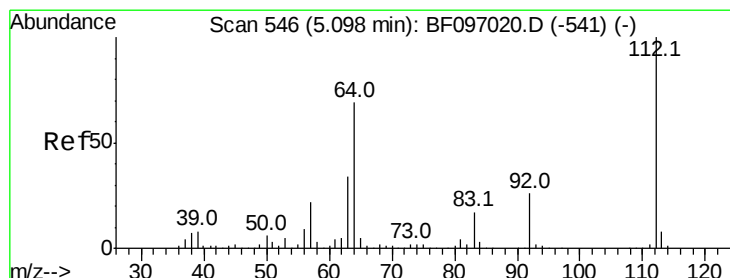
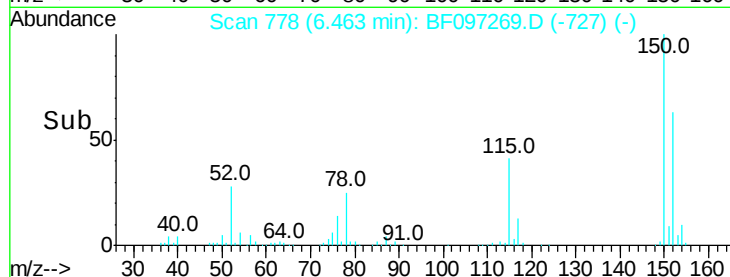
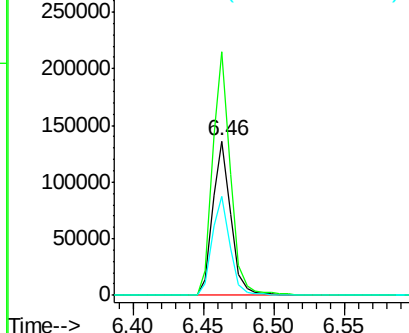
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.2	189.2
115	64.2	52.2	78.2

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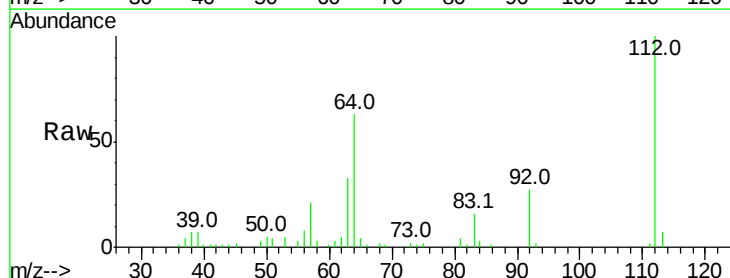
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



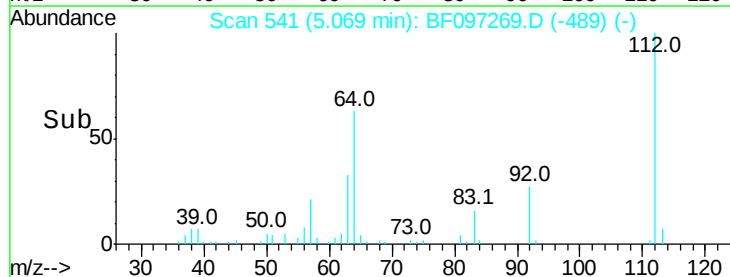
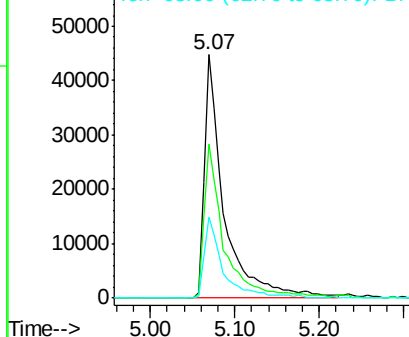
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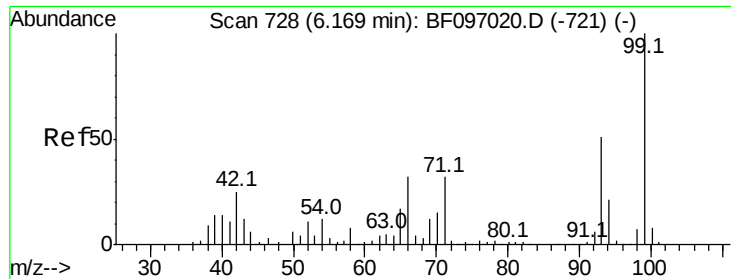
2-Fluorophenol
Concen: 8.987 ng
RT: 5.07 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF097269.D
Acq: 2 Aug 2017 12:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	46.0	69.0
63	33.5	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: 10.018 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF097269.D

Acq: 2 Aug 2017 12:04

Instrument :

BNA_F

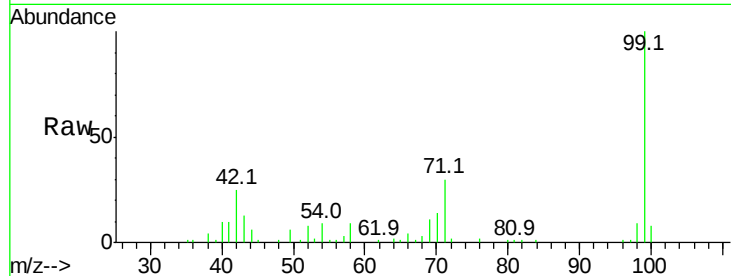
ClientSampleId :

E2-HS7-SSW

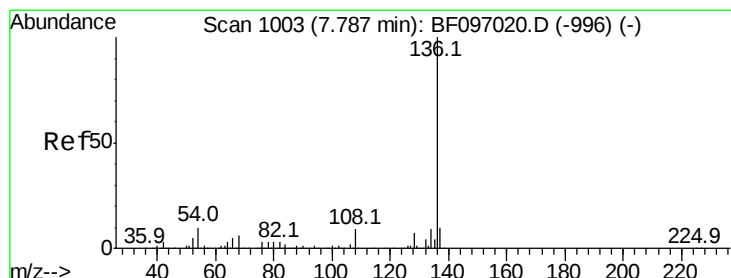
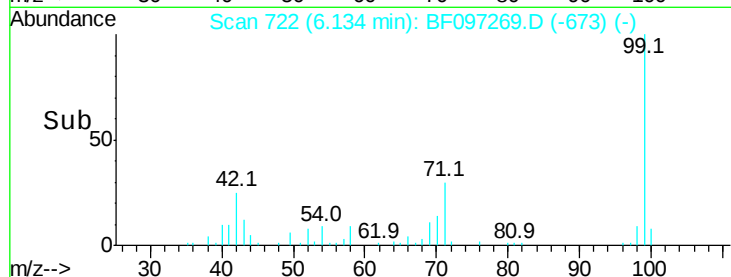
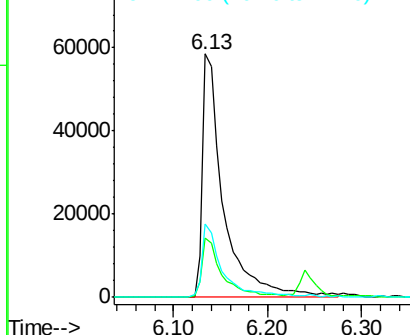
Tot Ion:	99	Resp:	92063
Ion Ratio	Lower	Upper	
99	100		
42	24.5	13.5	20.3#
71	29.9	24.5	36.7

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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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.75 min Scan# 996

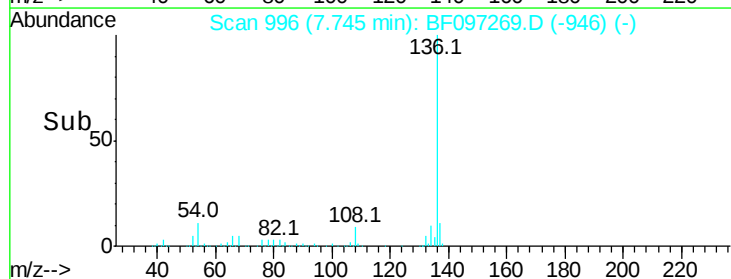
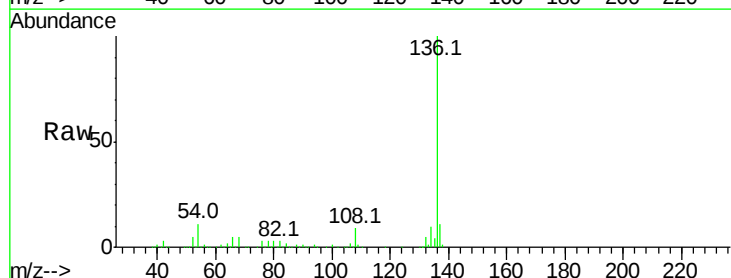
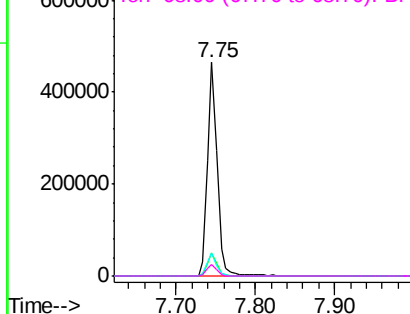
Delta R.T. -0.01 min

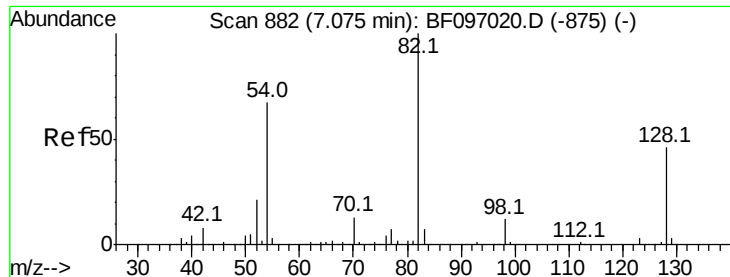
Lab File: BF097269.D

Acq: 2 Aug 2017 12:04

Tgt Ion:	136	Resp:	402639
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	10.7	4.9	7.3#
68	5.3	4.1	6.1

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





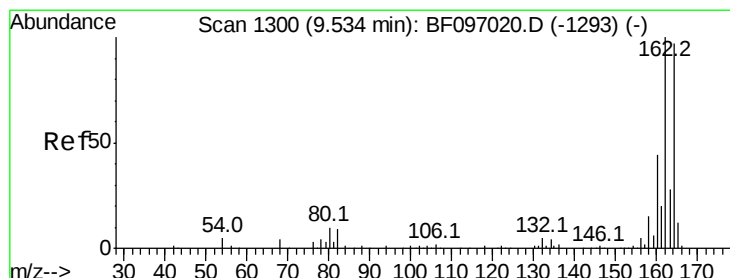
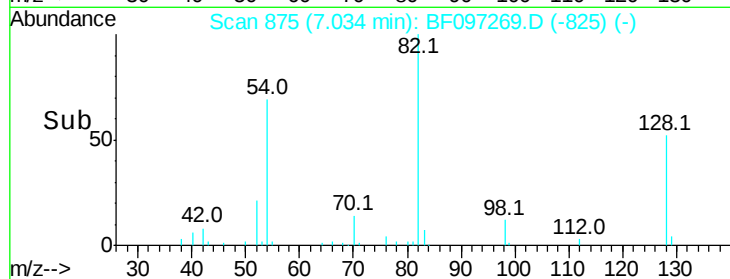
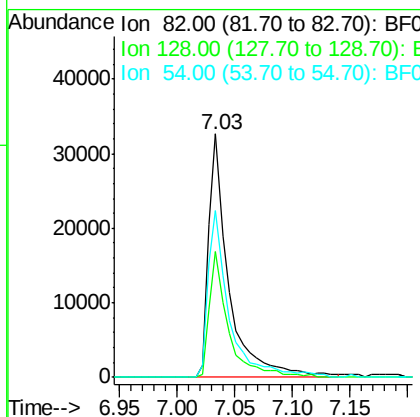
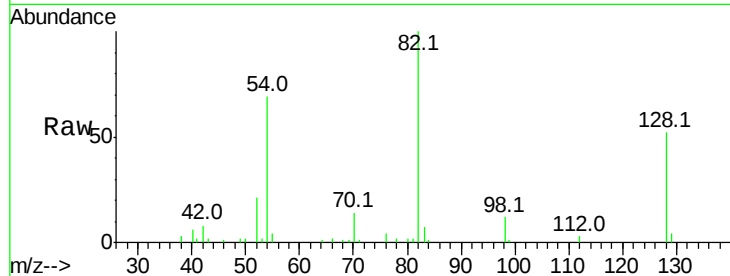
#23
 Nitrobenzene-d5
 Concen: 5.786 ng
 RT: 7.03 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF097269.D
 Acq: 2 Aug 2017 12:04

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-SSW

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.9	34.0	51.0#
54	68.7	42.2	63.2#

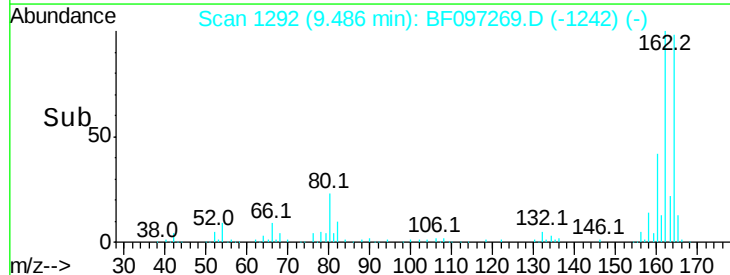
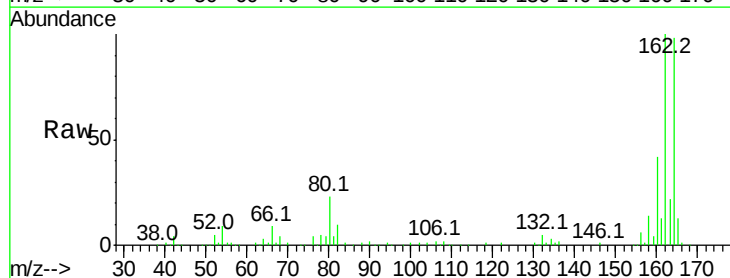
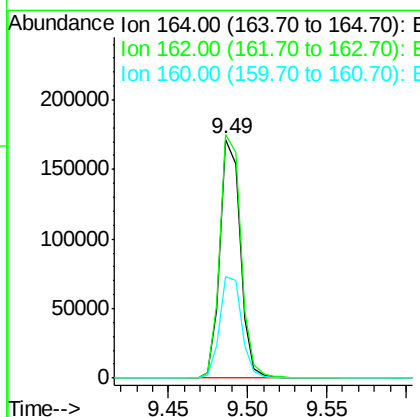
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.49 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF097269.D
 Acq: 2 Aug 2017 12:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	123.8
160	42.6	36.2	54.2





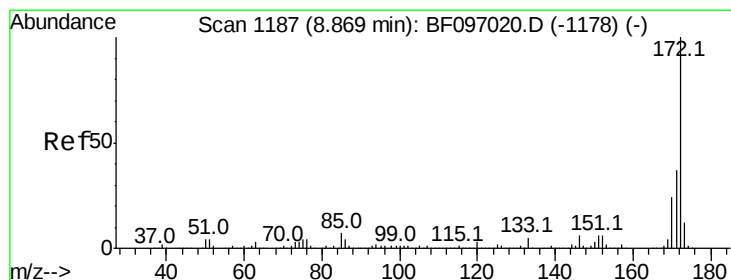
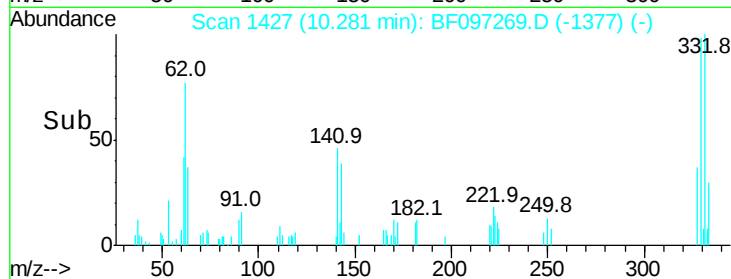
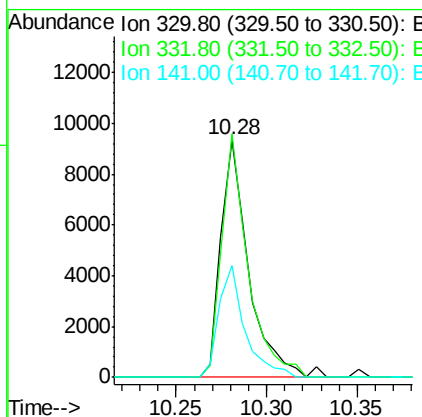
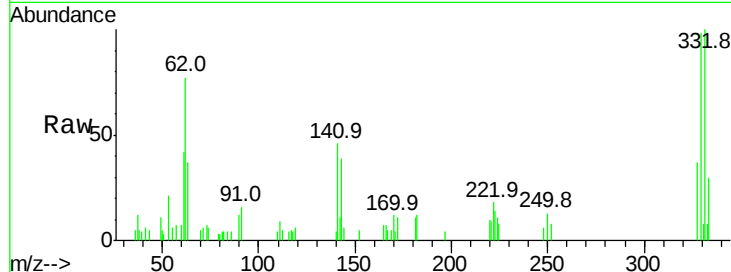
#41
 2,4,6-Tribromophenol
 Concen: 8.315 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF097269.D
 Acq: 2 Aug 2017 12:04

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-SSW

Tot Ion	Ratio	Resp	Lower	Upper
330	100	10072		
332	95.9		76.6	115.0
141	43.5		31.4	47.2

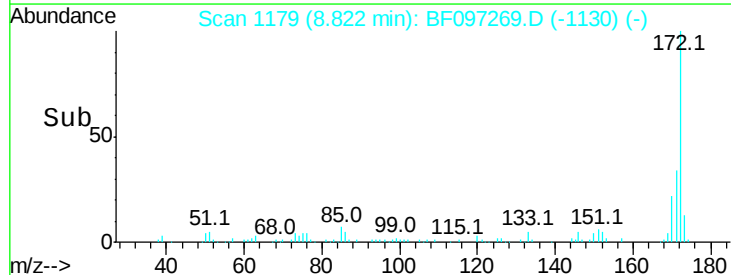
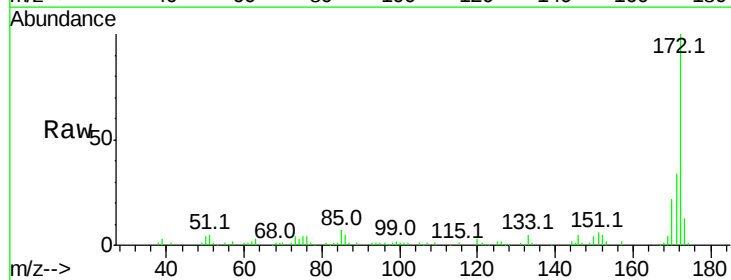
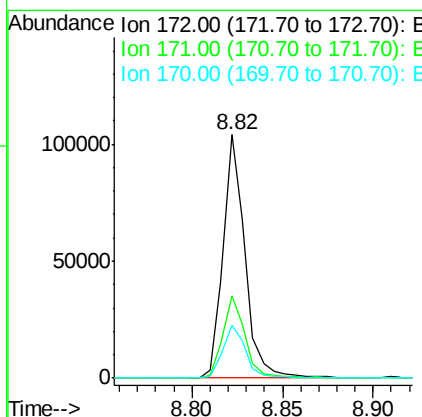
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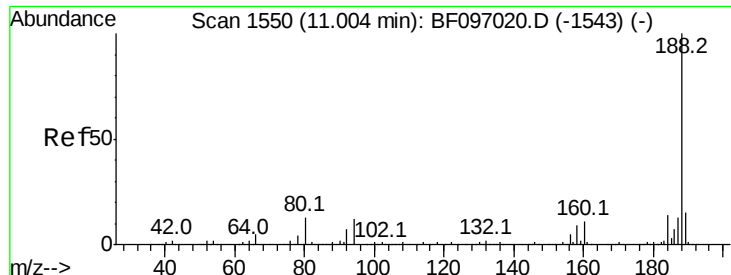
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#44
 2-Fluorobiphenyl
 Concen: 9.675 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF097269.D
 Acq: 2 Aug 2017 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	87401		
171	34.0		29.6	44.4
170	22.0		19.8	29.8





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.96 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BF097269.D

Acq: 2 Aug 2017 12:04

Instrument :

BNA_F

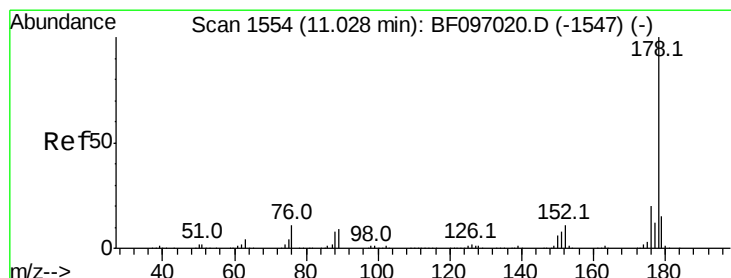
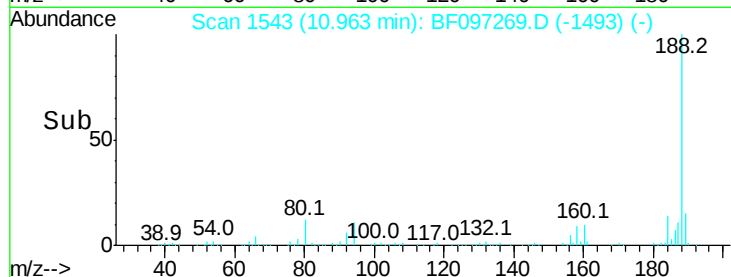
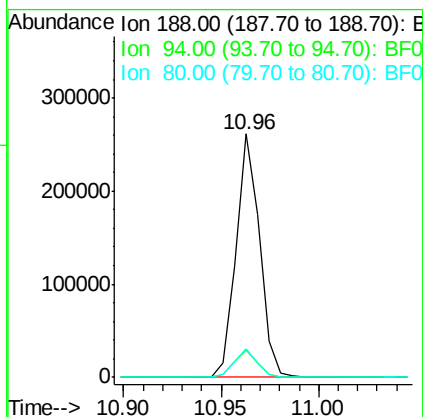
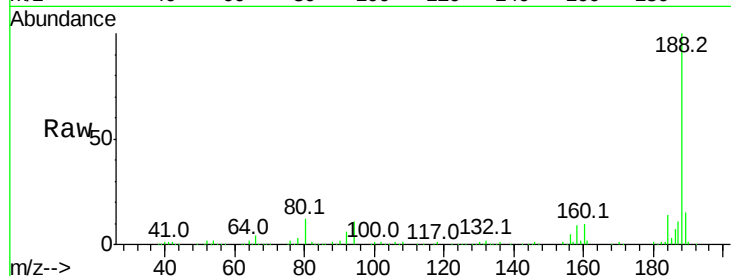
ClientSampleId :

E2-HS7-SSW

Tot Ion:	188	Resp:	218684
Ion Ratio	Lower	Upper	
188	100		
94	11.4	9.4	14.2
80	11.8	10.2	15.2

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#70

Phenanthrene

Concen: 5.185 ng

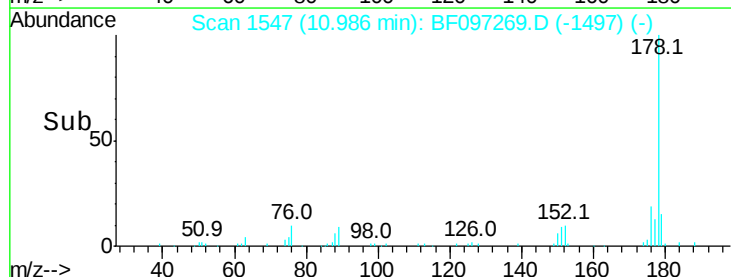
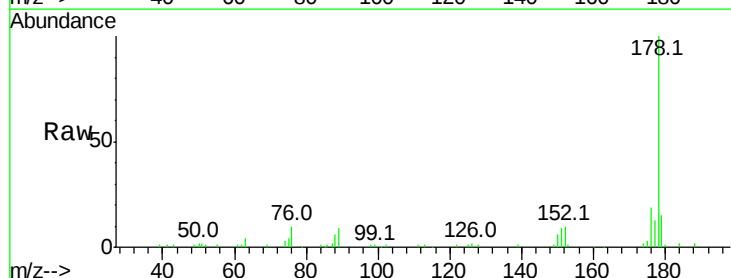
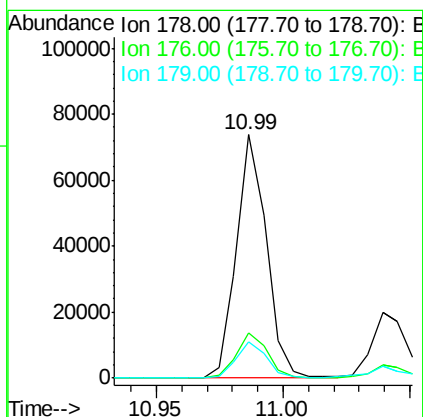
RT: 10.99 min Scan# 1547

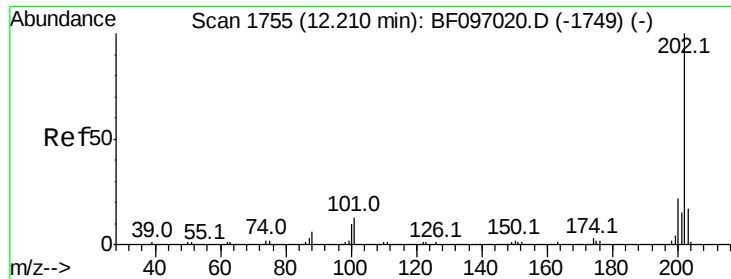
Delta R.T. -0.01 min

Lab File: BF097269.D

Acq: 2 Aug 2017 12:04

Tgt Ion:	178	Resp:	60750
Ion Ratio	Lower	Upper	
178	100		
176	18.6	16.2	24.4
179	14.7	12.6	19.0





#74

Fluoranthene

Concen: 10.902 ng

RT: 12.17 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BF097269.D

Acq: 2 Aug 2017 12:04

Instrument :

BNA_F

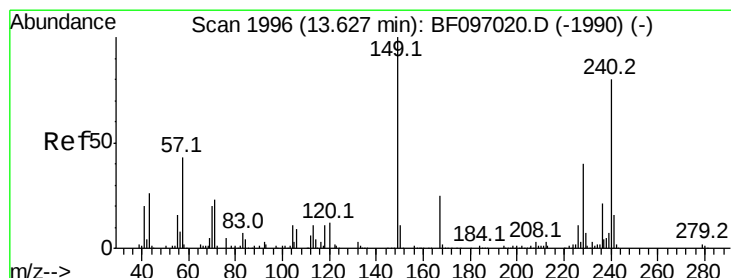
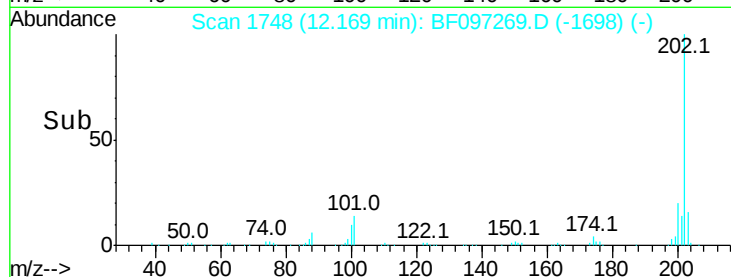
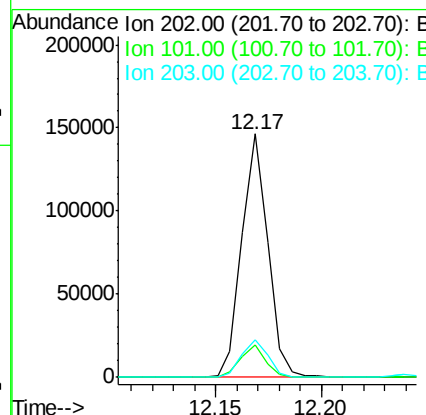
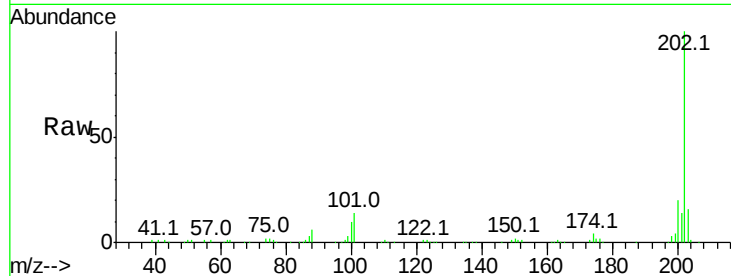
ClientSampleId :

E2-HS7-SSW

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.6	0.0	33.2
203	15.5	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

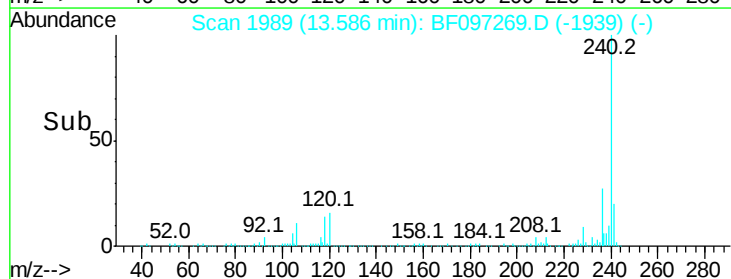
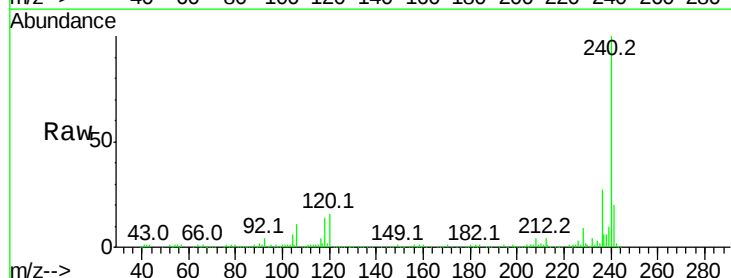
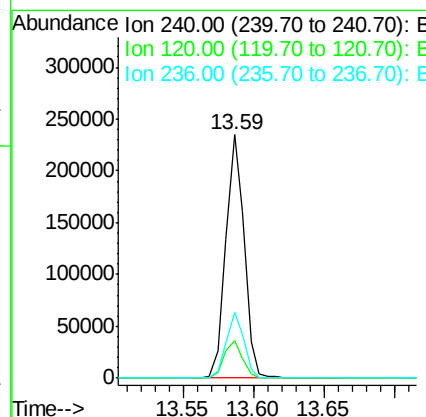
RT: 13.59 min Scan# 1989

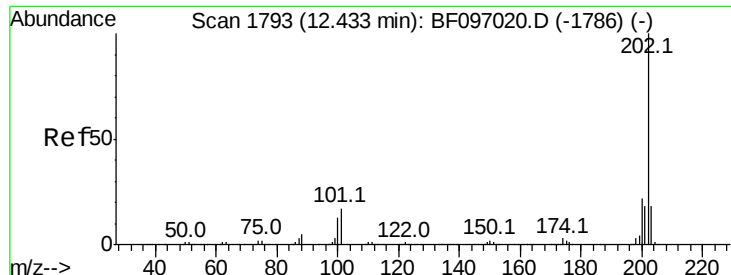
Delta R.T. -0.01 min

Lab File: BF097269.D

Acq: 2 Aug 2017 12:04

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.6	5.8	8.8#
236	26.8	20.5	30.7





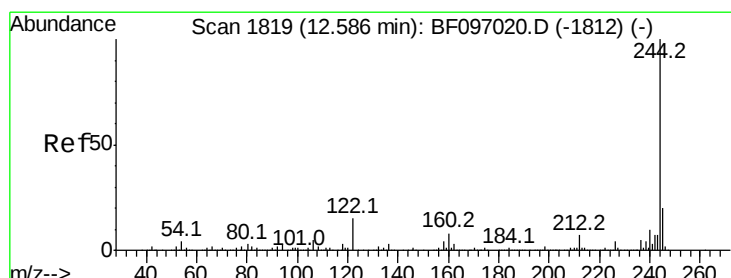
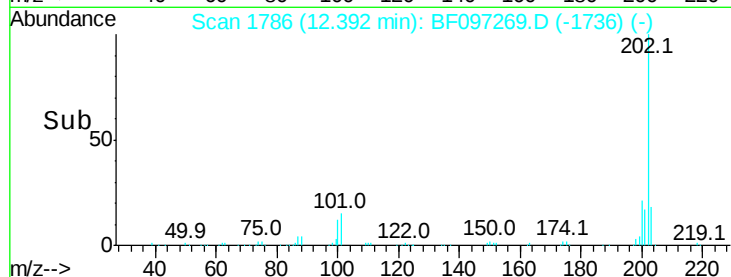
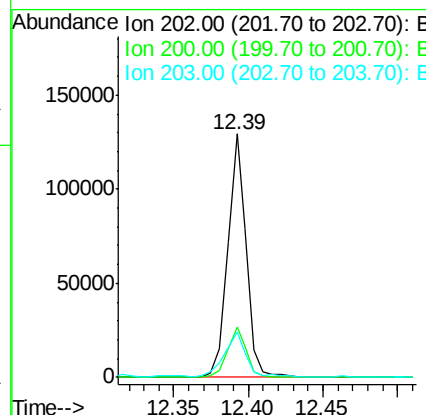
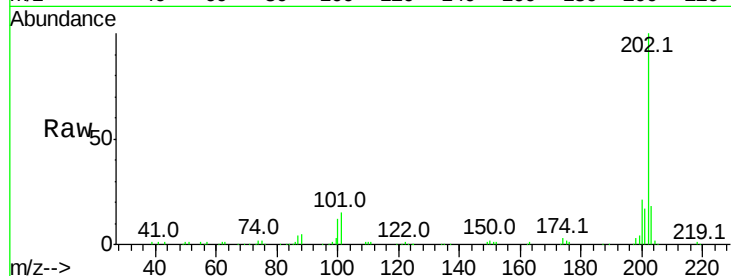
#77
Pvrene
Concen: 6.483 ng
RT: 12.39 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF097269.D
Acq: 2 Aug 2017 12:04

Instrument :
BNA_F
ClientSampleId :
E2-HS7-SSW

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.6	17.6	26.4
203	18.3	14.4	21.6

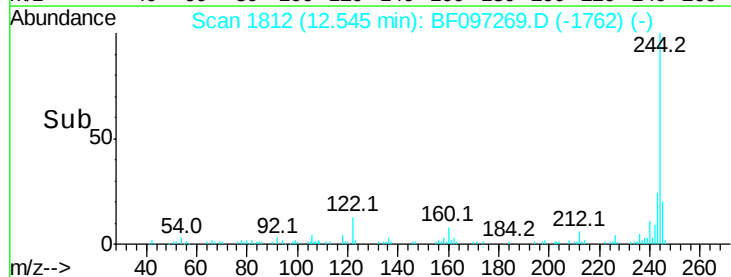
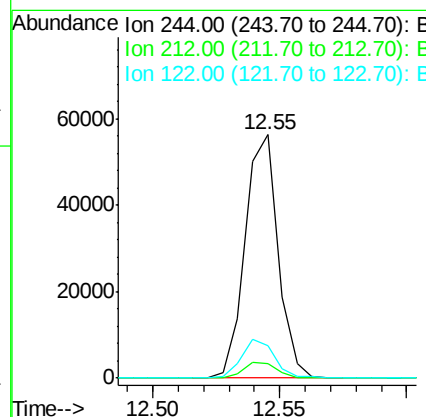
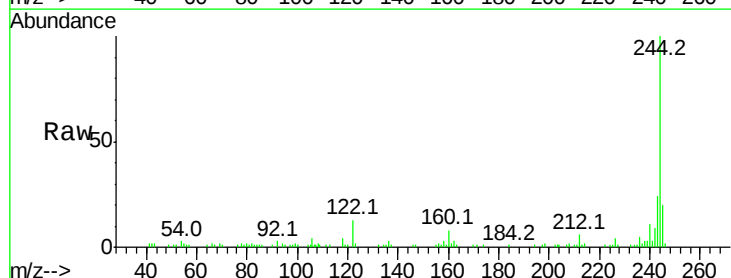
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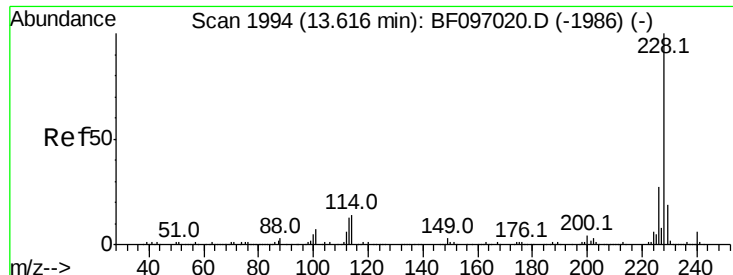
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#78
Terphenyl-d14
Concen: 4.855 ng
RT: 12.55 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF097269.D
Acq: 2 Aug 2017 12:04

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.0	6.0	9.0#
122	13.5	10.3	15.5





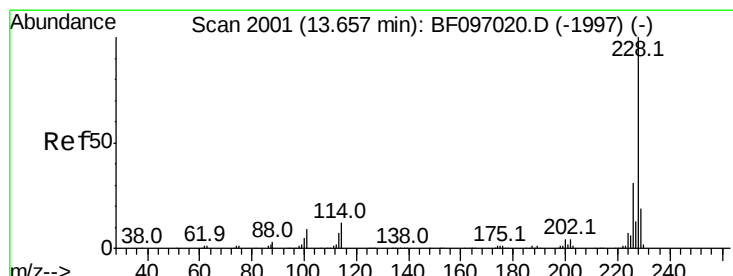
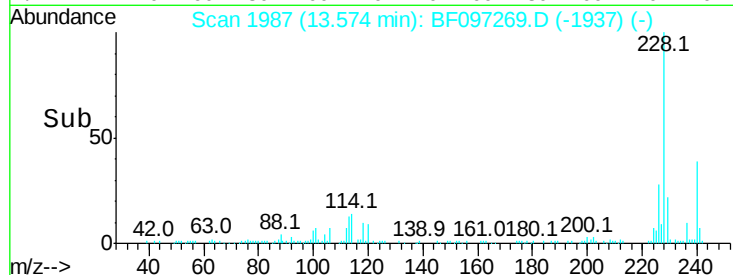
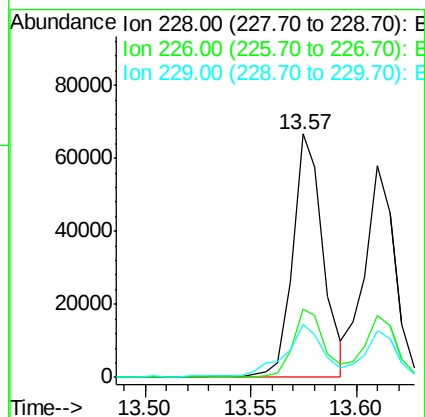
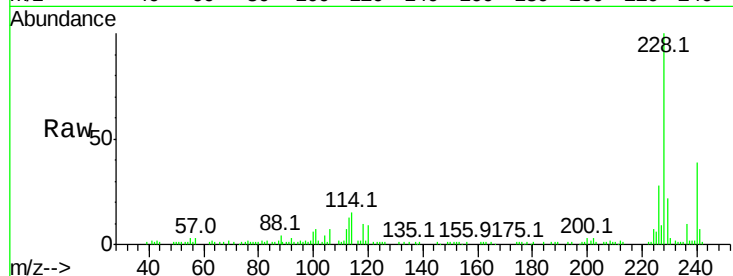
#80
Benzo(a)anthracene
Concen: 4.840 ng
RT: 13.57 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF097269.D
Acq: 2 Aug 2017 12:04

Instrument :
BNA_F
ClientSampleId :
E2-HS7-SSW

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	21.5	16.3	24.5

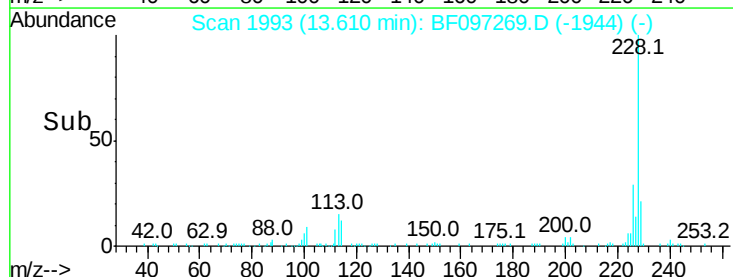
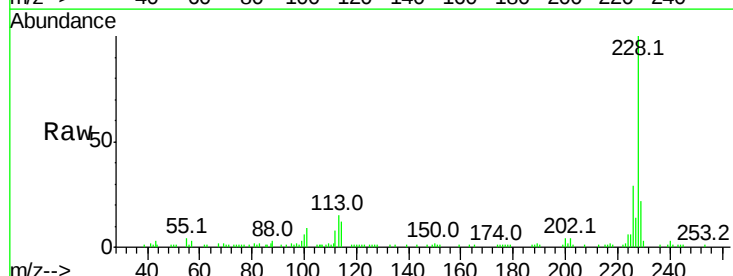
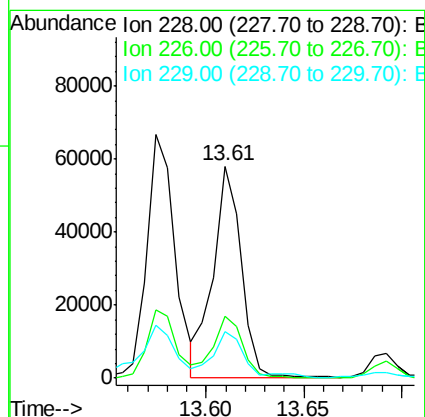
Manual Integrations
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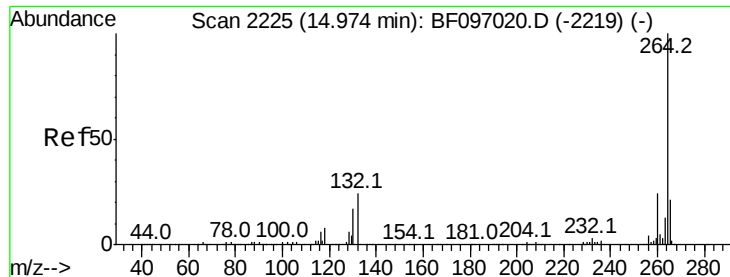
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#82
Chrysene
Concen: 4.370 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF097269.D
Acq: 2 Aug 2017 12:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.9	37.3
229	21.6	15.8	23.6





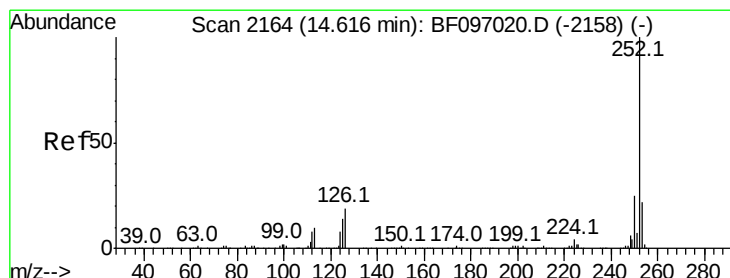
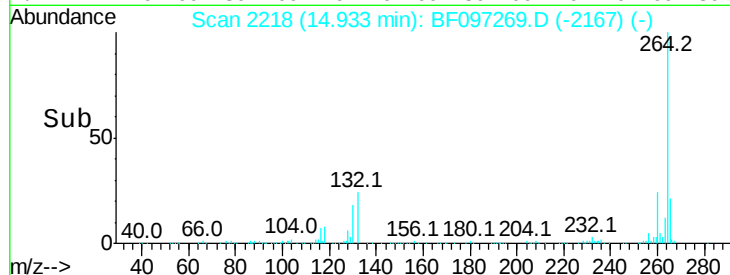
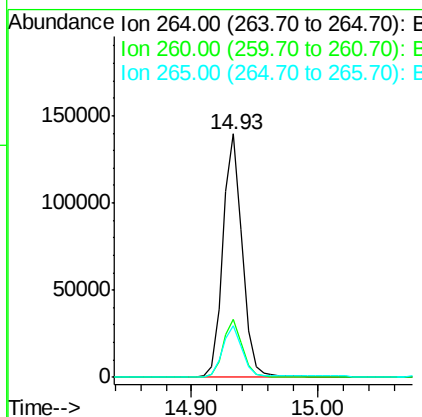
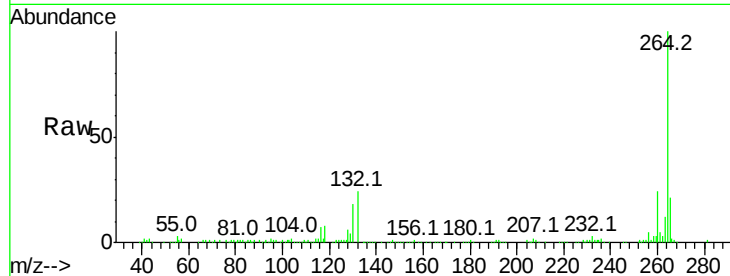
#86
Pervlone-d12
Concen: 20.000 ng
RT: 14.93 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF097269.D
Acq: 2 Aug 2017 12:04

Instrument :
BNA_F
ClientSampleId :
E2-HS7-SSW

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.0	17.2	25.8

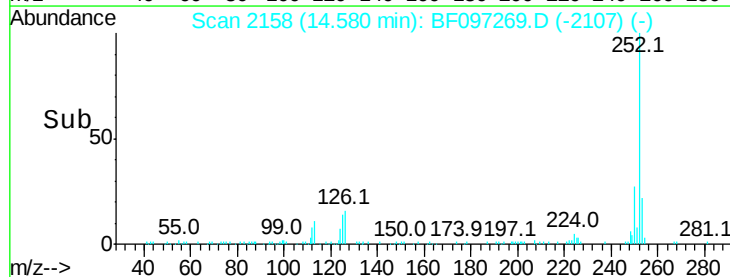
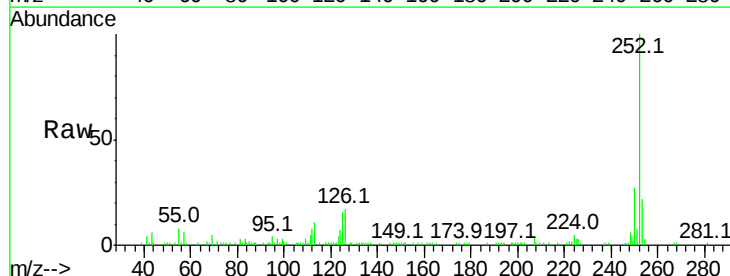
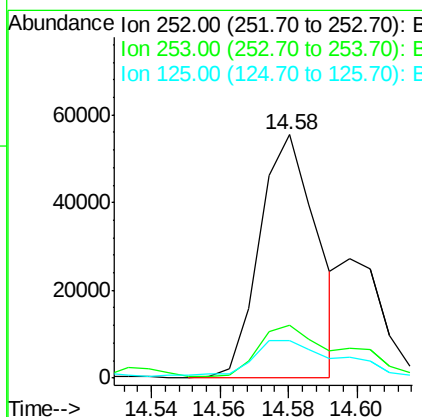
Manual Integrations
APPROVED

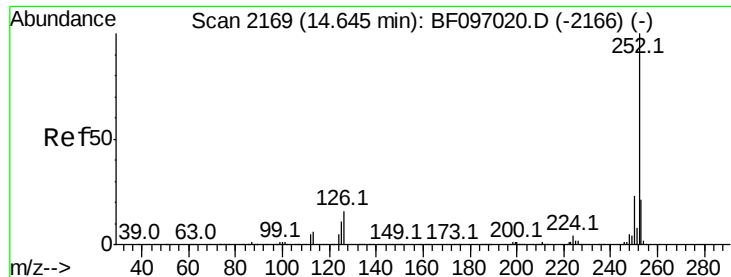
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#87
Benzo(b)fluoranthene
Concen: 7.293 ng m
RT: 14.58 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BF097269.D
Acq: 2 Aug 2017 12:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	15.5	9.8	14.8#





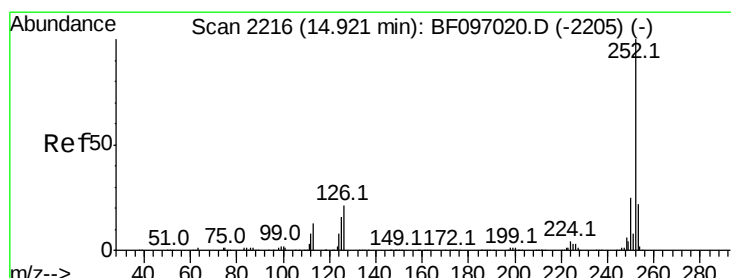
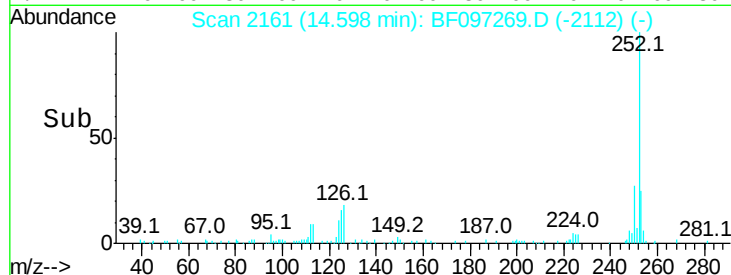
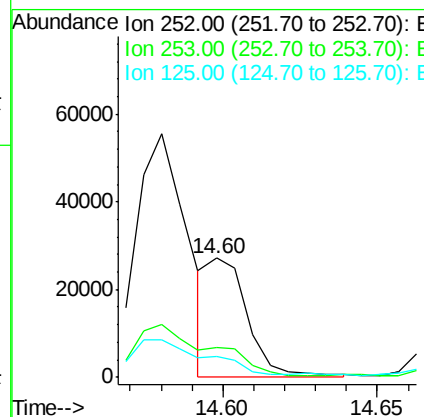
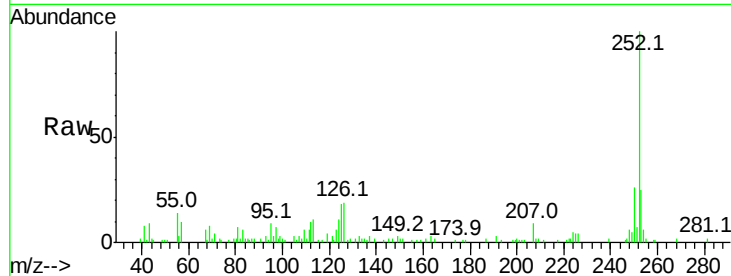
#88
Benzo(k)fluoranthene
Concen: 2.806 ng m
RT: 14.60 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BF097269.D
Acq: 2 Aug 2017 12:04

Instrument :
BNA_F
ClientSampleId :
E2-HS7-SSW

Tot Ion:	252	Resp:	23793
Ion Ratio	Lower	Upper	
252	100		
253	24.7	18.4	27.6
125	18.1	13.1	19.7

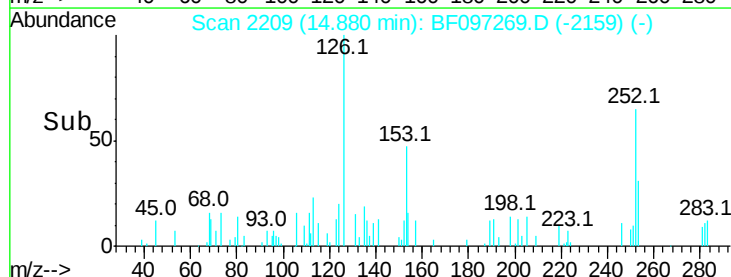
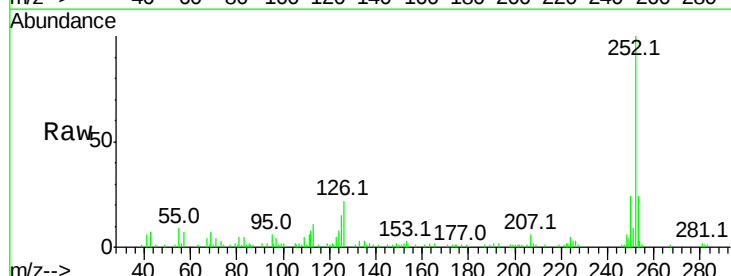
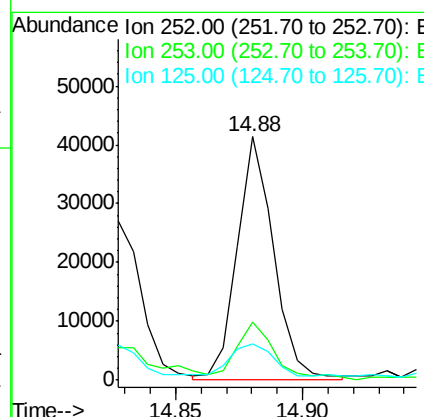
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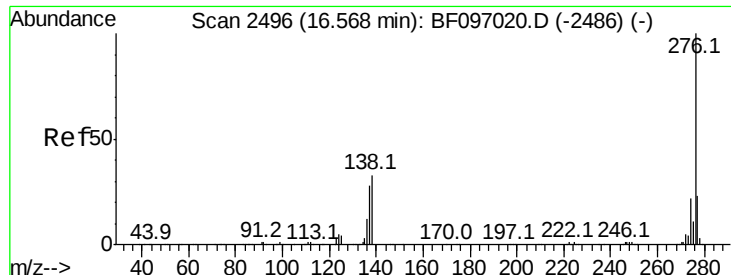
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#89
Benzo(a)pyrene
Concen: 5.098 ng
RT: 14.88 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF097269.D
Acq: 2 Aug 2017 12:04

Tgt Ion:	252	Resp:	41520
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.5	26.3
125	14.6	11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 2.645 ng
 RT: 16.50 min Scan# 2485
 Delta R.T. -0.01 min
 Lab File: BF097269.D
 Acq: 2 Aug 2017 12:04

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-SSW

Tot Ion:	276	Resp:	18523
Ion Ratio	Lower	Upper	
276	100		
277	19.6	18.6	28.0
138	30.2	25.4	38.0

Manual Integrations
 APPROVED

Sohil
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