

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
 Data File : BF096677.D
 Acq On : 12 Jul 2017 7:28
 Operator : SJ/JU
 Sample : I4130-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS2-NSW

Manual Integrations
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Quant Time: Jul 12 08:41:17 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	108198	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	347065	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	135433	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	211669	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	193455	20.00	ng	-0.02
86) Perylene-d12	15.23	264	130036	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	552507	75.37	ng	-0.01
7) Phenol-d6	6.33	99	635728	70.54	ng	-0.02
23) Nitrobenzene-d5	7.25	82	400711	69.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	94546	89.37	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	565042	71.33	ng	-0.02
78) Terphenyl-d14	12.78	244	393684	43.49	ng	-0.02
Target Compounds						
31) Naphthalene	7.99	128	43788	2.672	ng	Qvalue # 96
37) 2-Methylnaphthalene	8.68	142	55750	5.345	ng	99
49) Dimethylphthalate	9.44	163	147158	14.555	ng	# 98
74) Fluoranthene	12.40	202	25216	2.248	ng	98
87) Benzo(b)fluoranthene	14.83	252	18838m	2.312	ng	

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

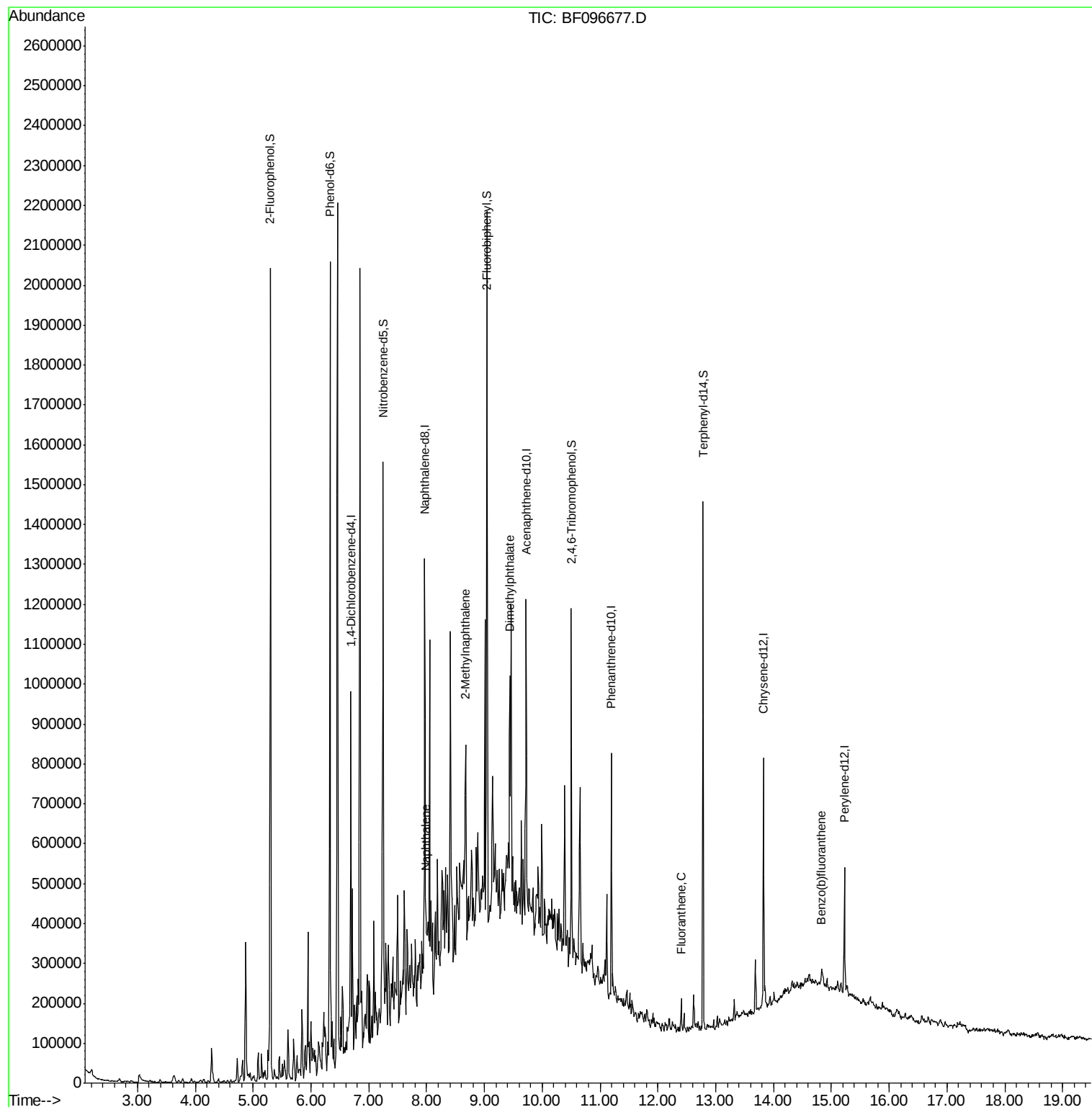
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096677.D
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Sample : I4130-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

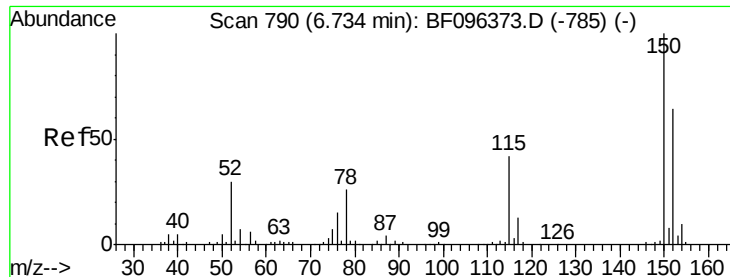
Instrument :
BNA_F
ClientSampleId :
E2-HS2-NSW

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Quant Time: Jul 12 08:41:17 2017
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#1

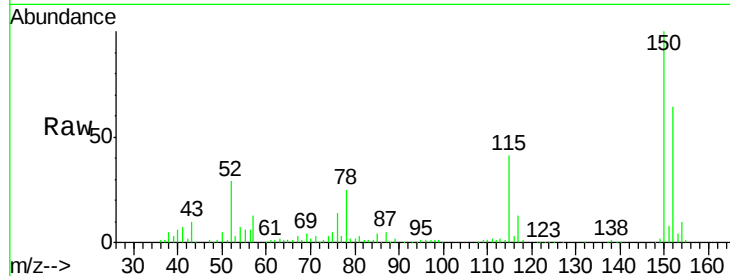
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096677.D
Acq: 12 Jul 2017 7:28

Instrument :
BNA_F
ClientSampleId :
E2-HS2-NSW

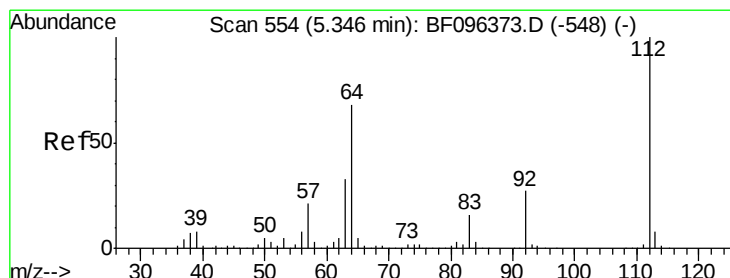
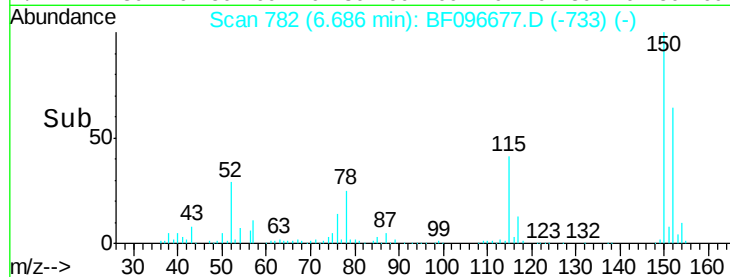
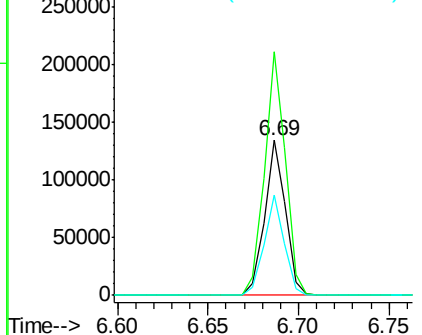
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.2	189.2
115	64.4	52.2	78.2

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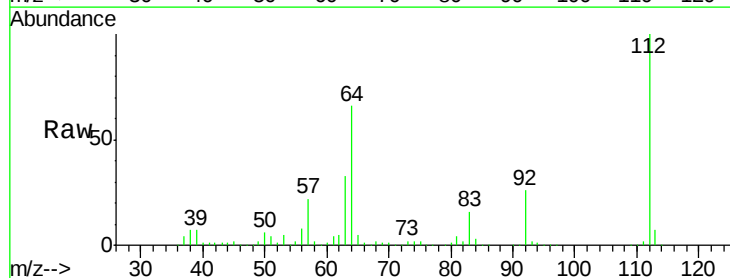
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



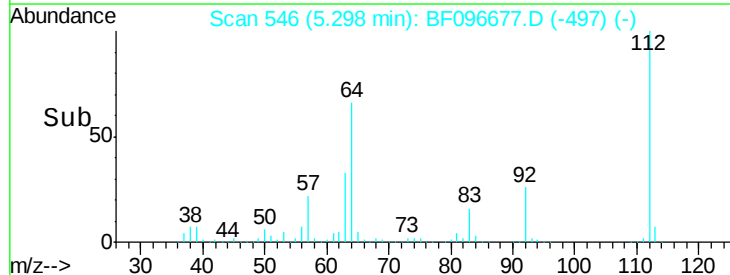
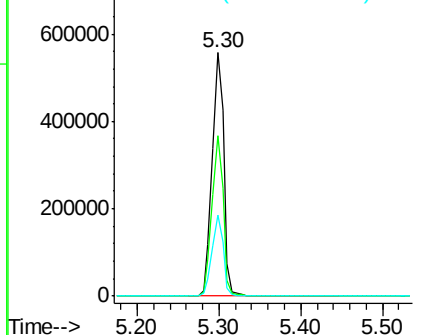
#5

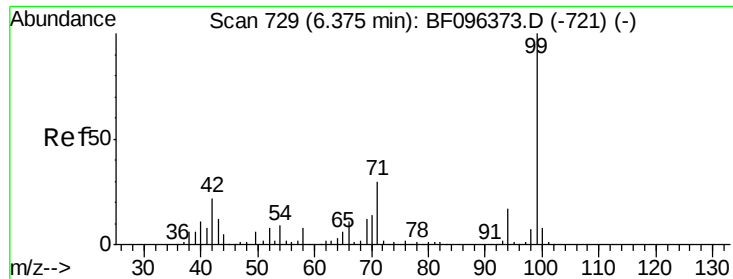
2-Fluorophenol
Concen: 75.370 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096677.D
Acq: 12 Jul 2017 7:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	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: 70.542 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096677.D

Acq: 12 Jul 2017 7:28

Instrument :

BNA_F

ClientSampleId :

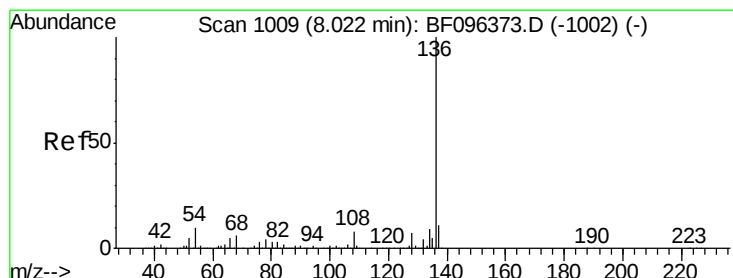
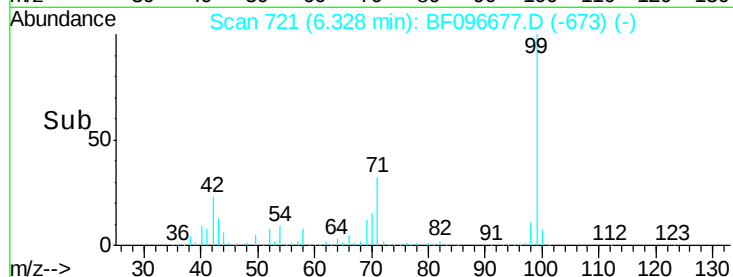
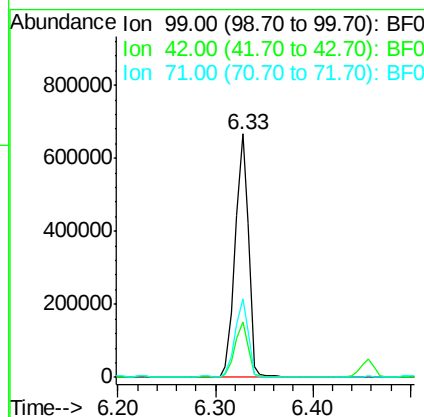
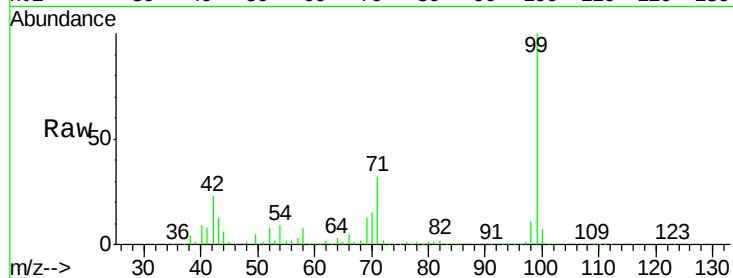
E2-HS2-NSW

Tgt Ion: 99 Resp: 635728

Ion	Ratio	Lower	Upper
99	100		
42	22.9	13.5	20.3#
71	32.5	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

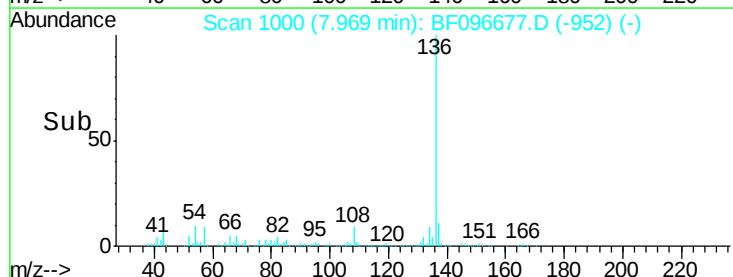
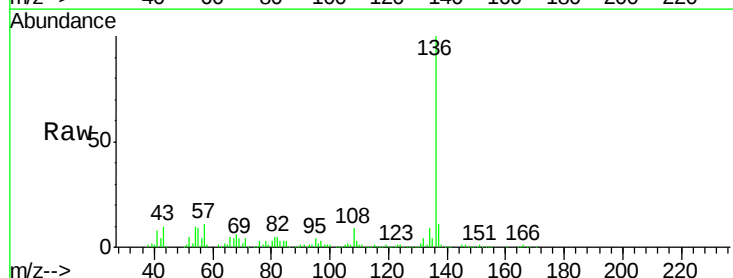
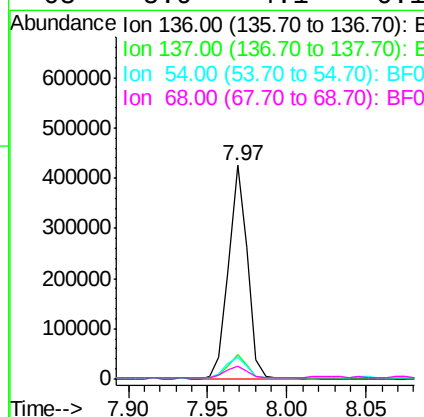
Delta R.T. -0.02 min

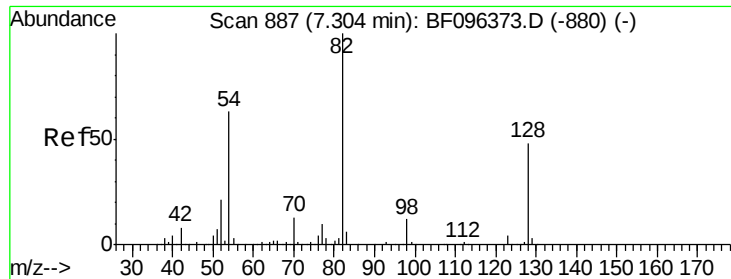
Lab File: BF096677.D

Acq: 12 Jul 2017 7:28

Tgt Ion: 136 Resp: 347065

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	10.1	4.9	7.3#
68	5.9	4.1	6.1





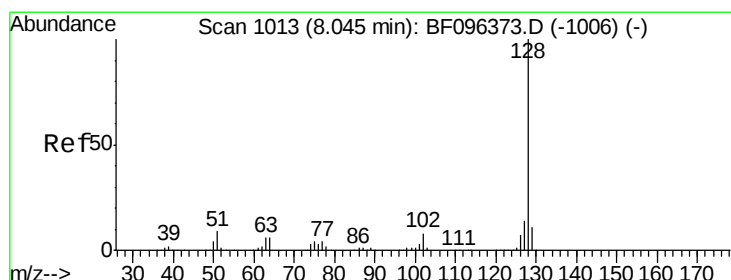
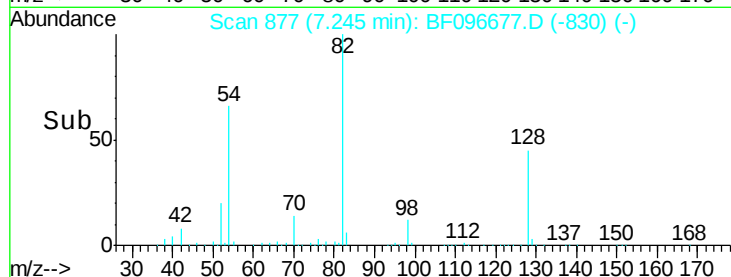
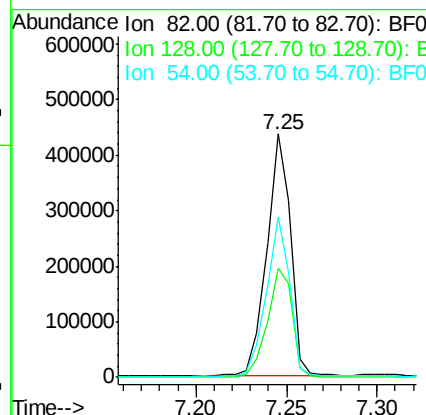
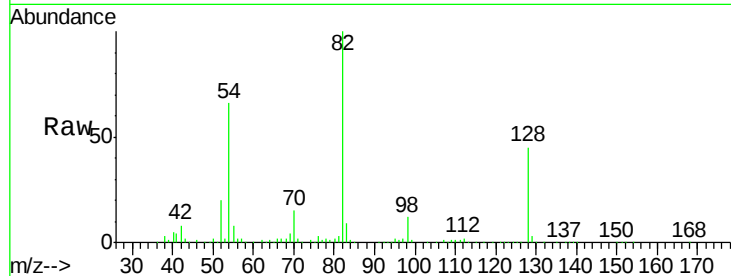
#23
Nitrobenzene-d5
Concen: 69.379 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096677.D
Acq: 12 Jul 2017 7:28

Instrument :
BNA_F
ClientSampleId :
E2-HS2-NSW

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.0	51.0
54	65.8	42.2	63.2#

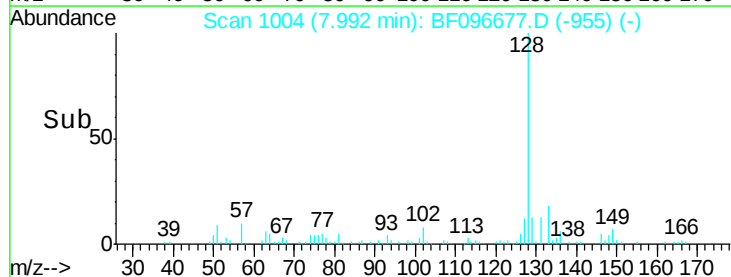
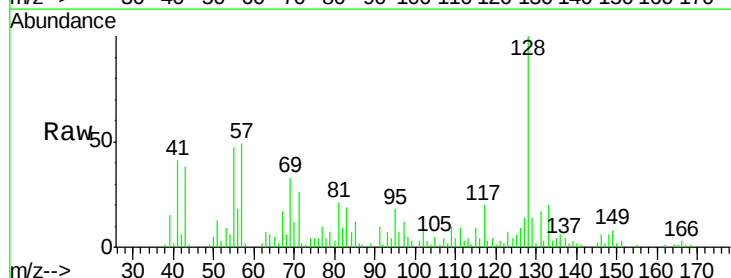
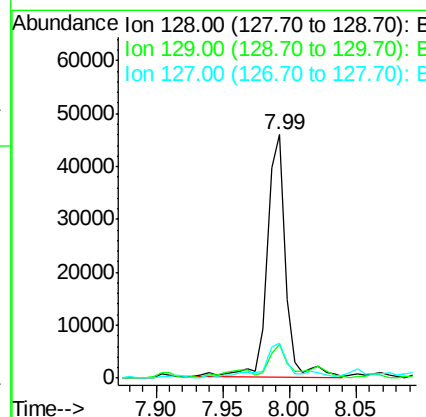
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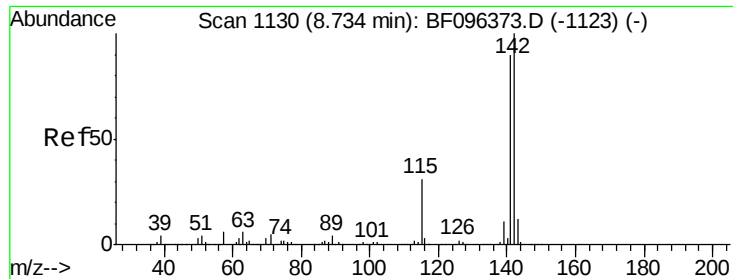
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#31
Naphthalene
Concen: 2.672 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096677.D
Acq: 12 Jul 2017 7:28

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.8	9.0	13.6#
127	14.4	10.8	16.2





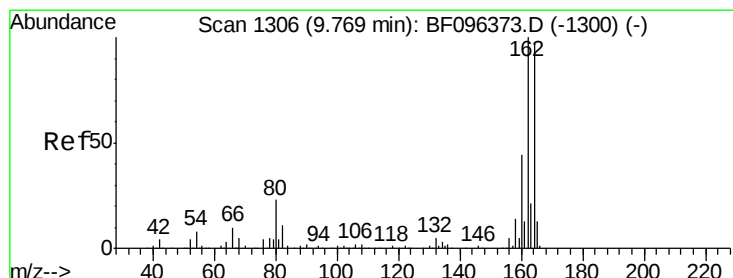
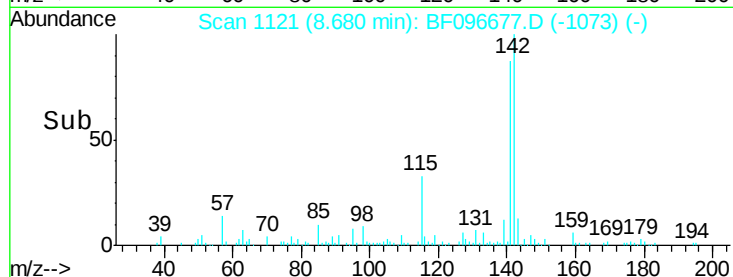
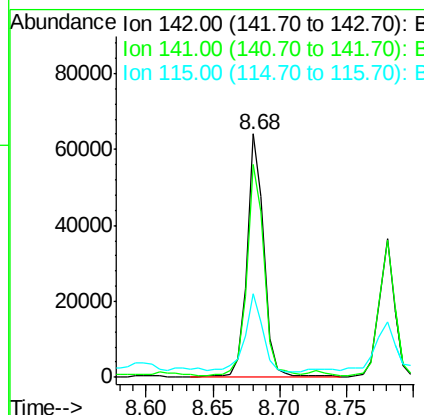
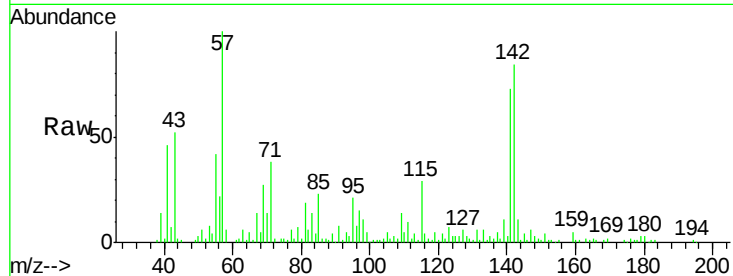
#37
2-Methylnaphthalene
Concen: 5.345 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF096677.D
Acq: 12 Jul 2017 7:28

Instrument :
BNA_F
ClientSampleId :
E2-HS2-NSW

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.3	106.9
115	34.2	27.1	40.7

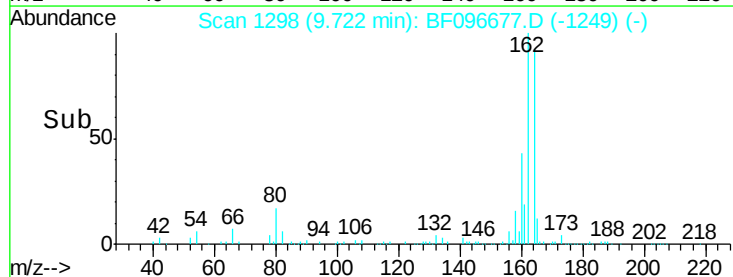
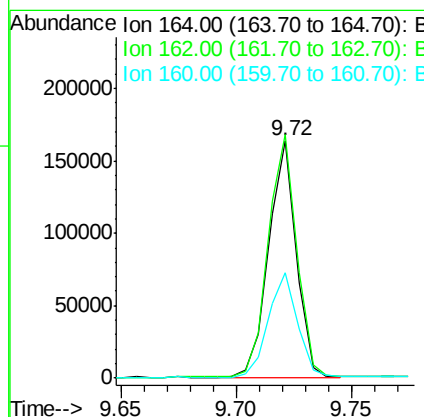
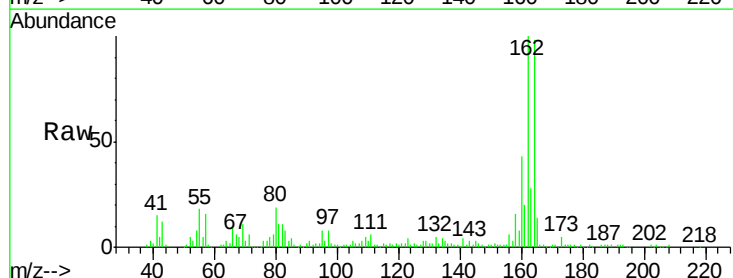
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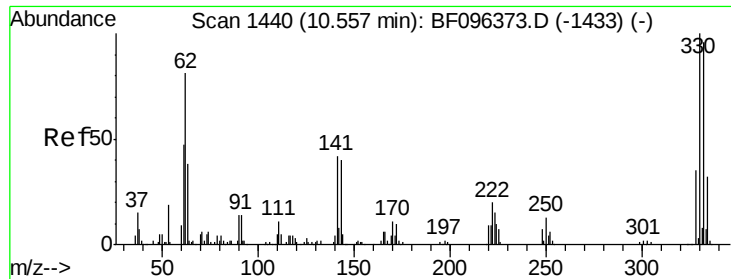
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF096677.D
Acq: 12 Jul 2017 7:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	44.3	36.2	54.2





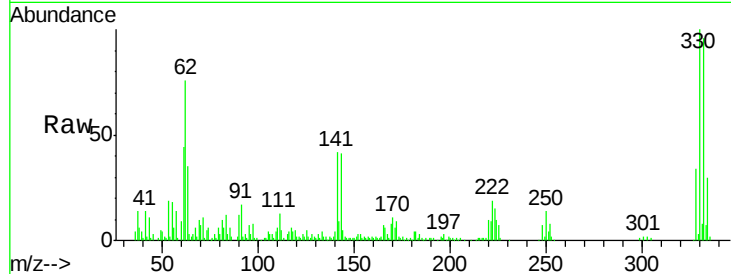
#41
 2,4,6-Tribromophenol
 Concen: 89.372 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096677.D
 Acq: 12 Jul 2017 7:28

Instrument :
 BNA_F
 ClientSampled :
 E2-HS2-NSW

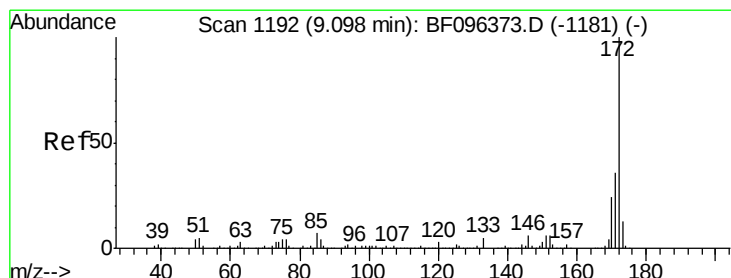
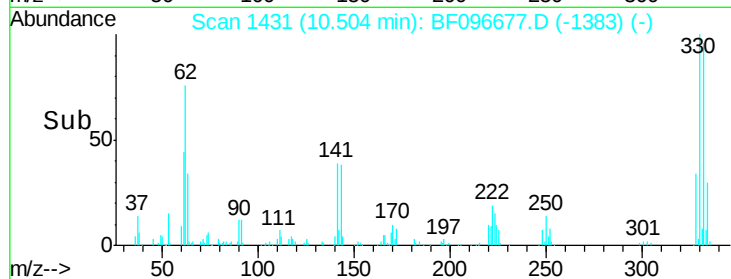
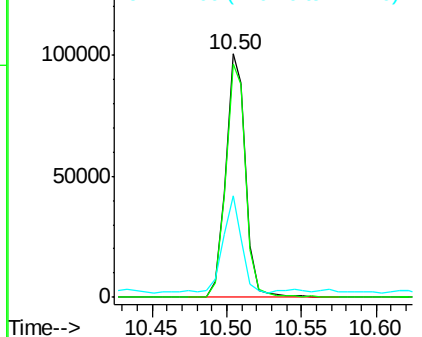
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	94546		
332	97.2	76.6	115.0	
141	38.5	31.4	47.2	

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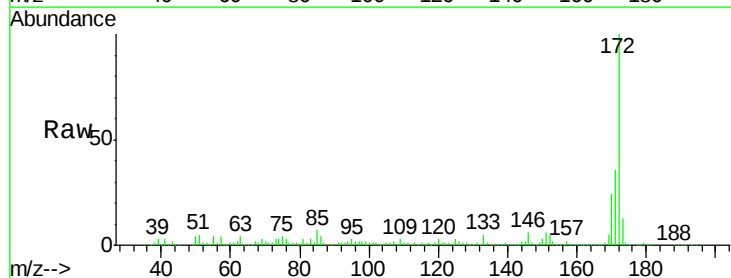


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

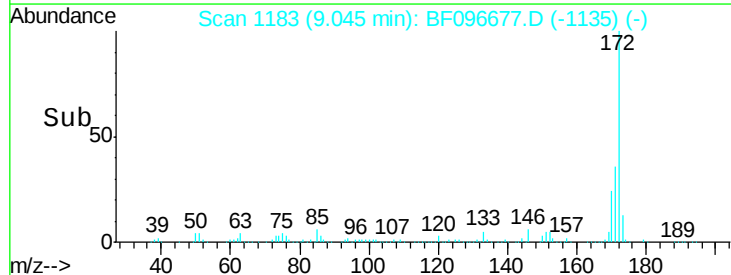
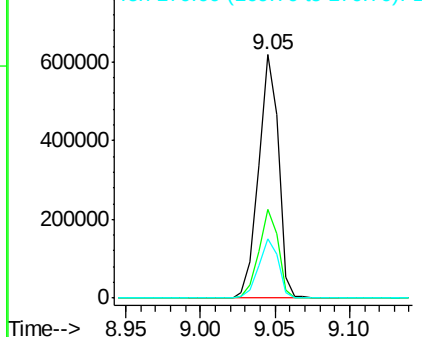


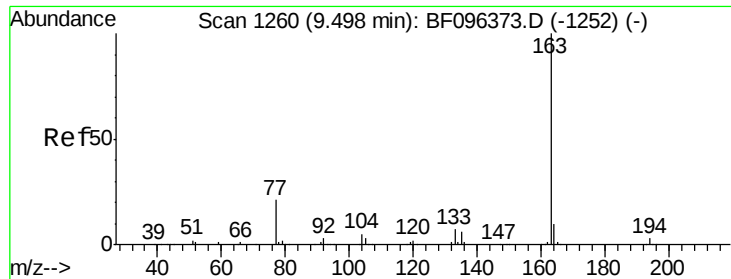
#44
 2-Fluorobiphenyl
 Concen: 71.334 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096677.D
 Acq: 12 Jul 2017 7:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	565042		
171	36.5	29.6	44.4	
170	24.1	19.8	29.8	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





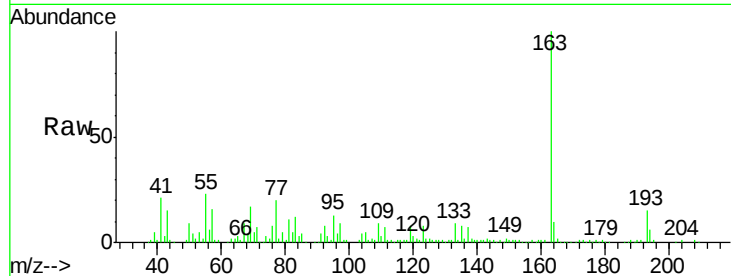
#49
Dimethylphthalate
Concen: 14.555 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF096677.D
Acq: 12 Jul 2017 7:28

Instrument :
BNA_F
ClientSampleId :
E2-HS2-NSW

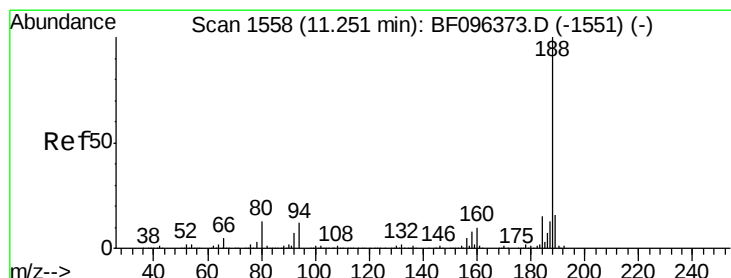
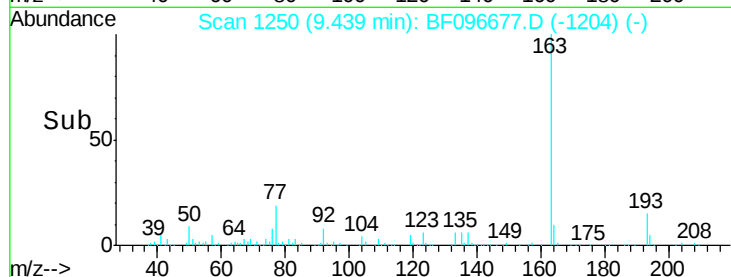
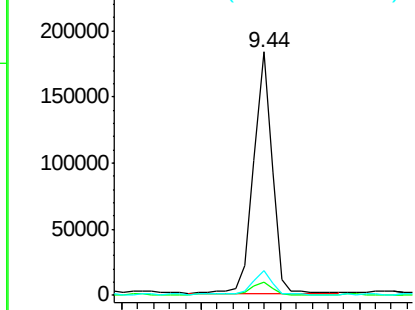
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	5.6	2.6	4.0#
164	10.3	8.4	12.6

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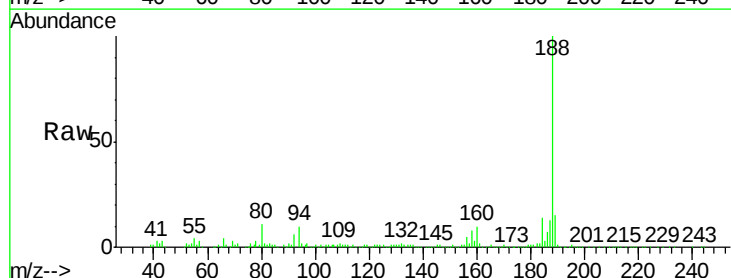


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

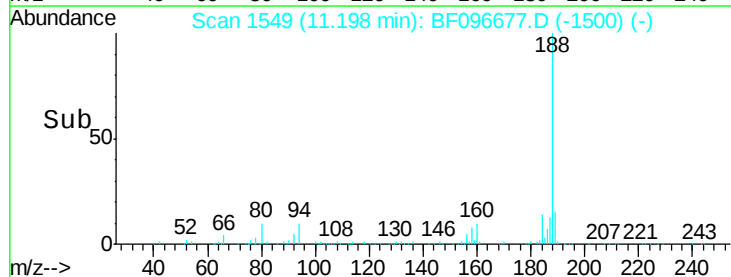
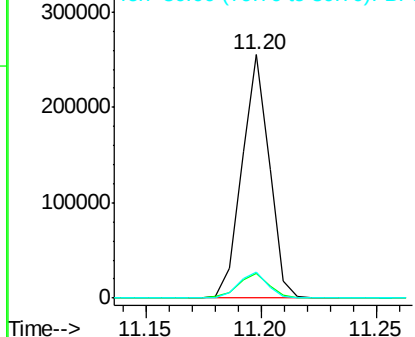


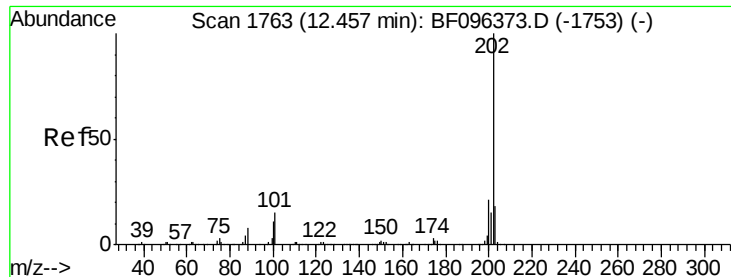
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF096677.D
Acq: 12 Jul 2017 7:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.1	9.4	14.2
80	10.7	10.2	15.2



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





#74

Fluoranthene

Concen: 2.248 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF096677.D

Acq: 12 Jul 2017 7:28

Instrument :

BNA_F

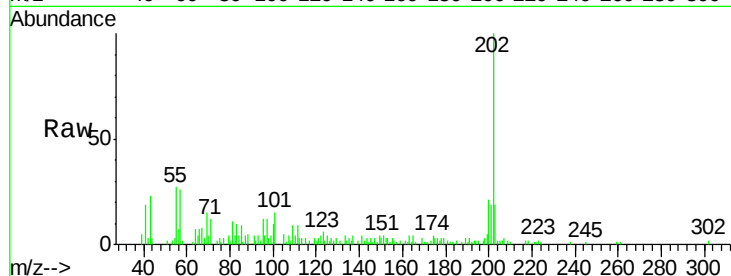
ClientSampleId :

E2-HS2-NSW

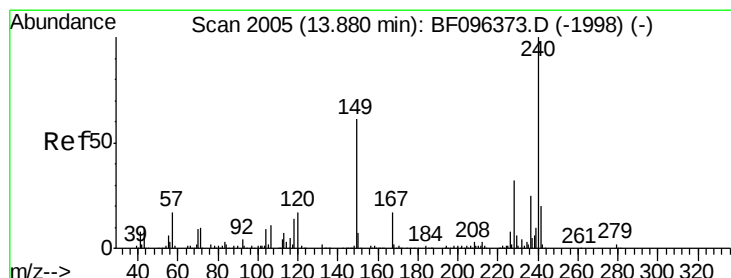
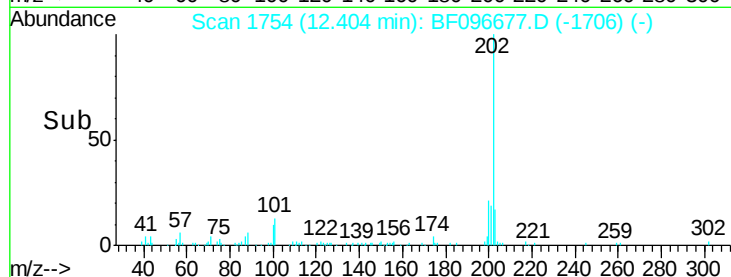
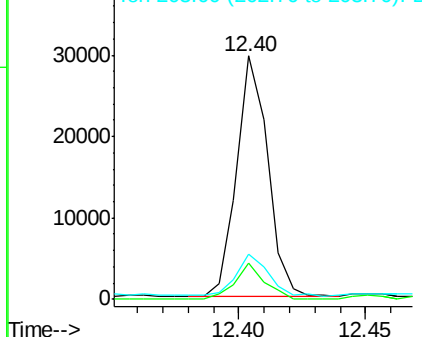
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	25216		
101	14.6	0.0	33.2	
203	18.5	0.0	38.1	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

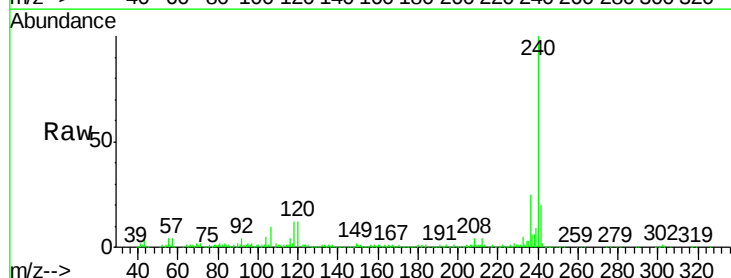
RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

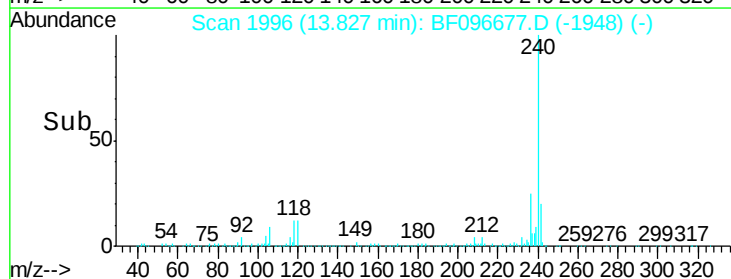
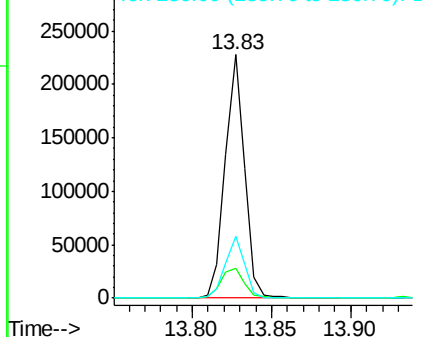
Lab File: BF096677.D

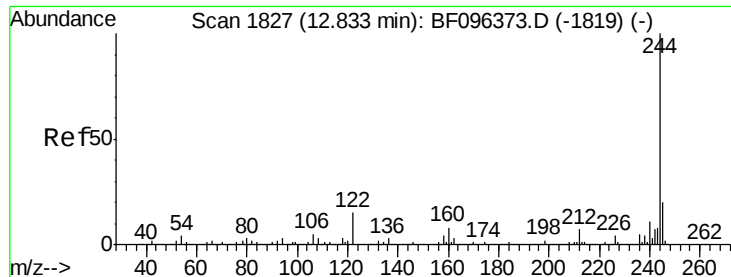
Acq: 12 Jul 2017 7:28

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	193455		
120	12.2	5.8	8.8#	
236	25.3	20.5	30.7	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





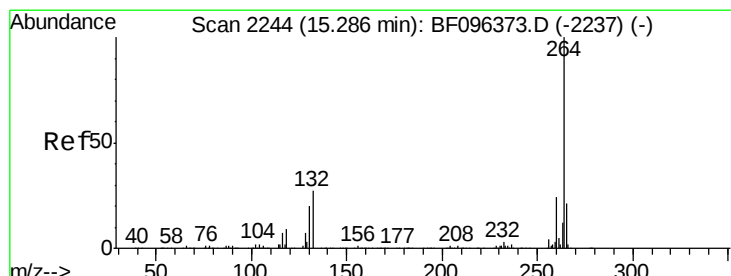
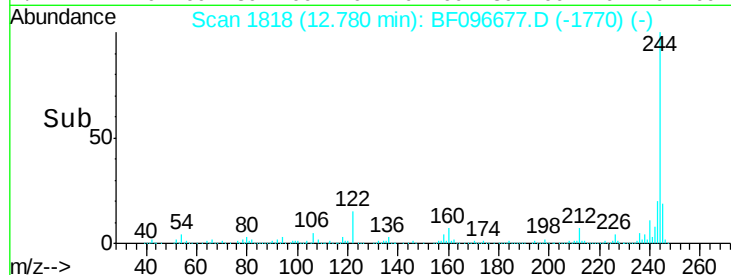
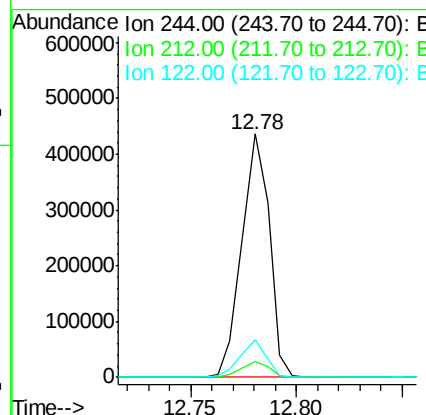
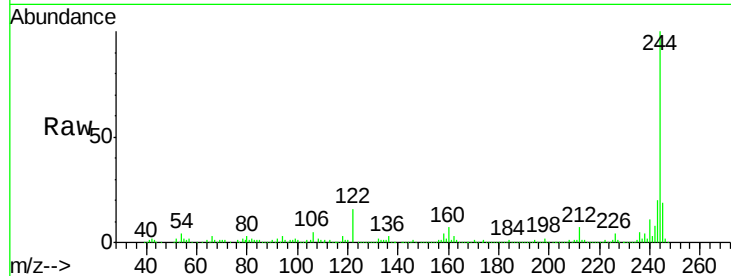
#78
 Terphenyl-d14
 Concen: 43.485 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF096677.D
 Acq: 12 Jul 2017 7:28

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS2-NSW

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.7	6.0	9.0
122	15.5	10.3	15.5

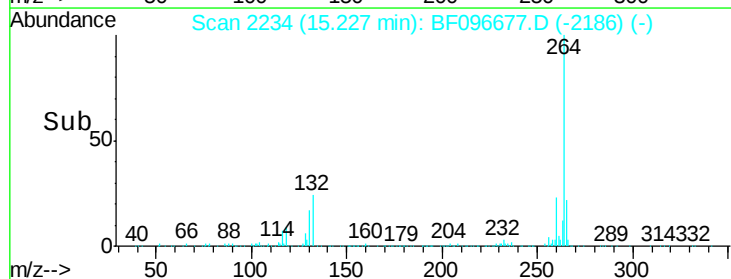
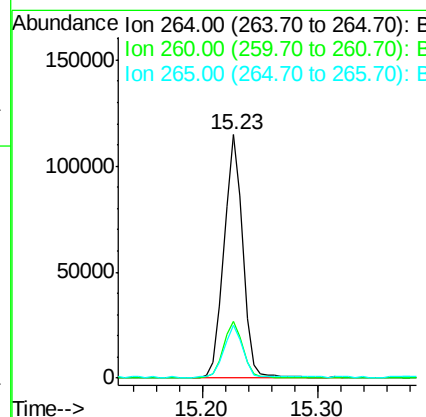
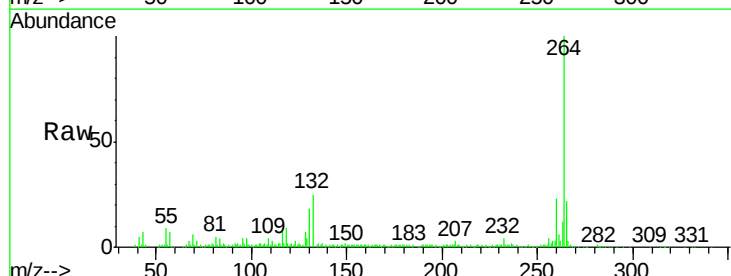
Manual Integrations
 APPROVED

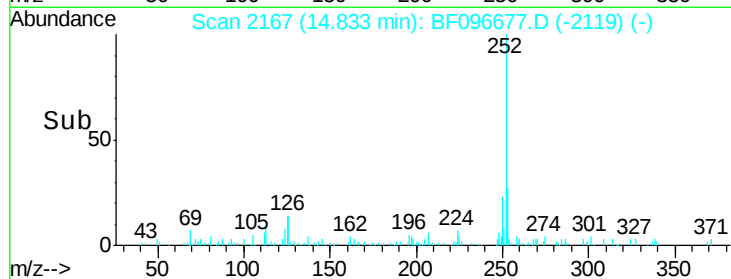
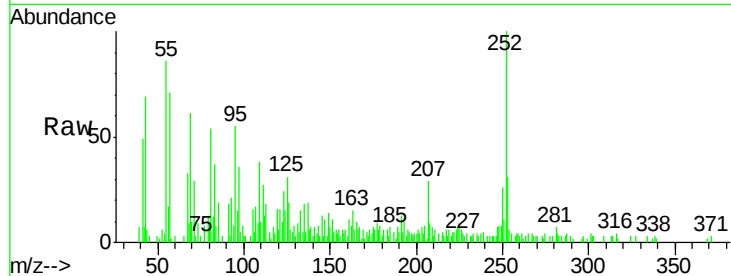
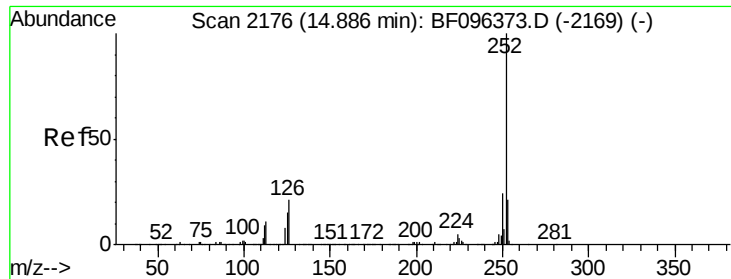
mohammad
 7/12/2017 4:58:14 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF096677.D
 Acq: 12 Jul 2017 7:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.2	19.5	29.3
265	21.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 2.312 ng m

RT: 14.83 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BF096677.D

Acq: 12 Jul 2017 7:28

Instrument :

BNA_F

ClientSampleId :

E2-HS2-NSW

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	18838		
253	30.6	18.1	27.1#	
125	31.0	9.8	14.8#	

Manual Integrations
APPROVED

mohammad
7/12/2017 4:58:14 PM

