

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
 Data File : BF097406.D
 Acq On : 5 Aug 2017 19:23
 Operator : SJ/JU
 Sample : I4610-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080317-A

Manual Integrations
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 8/7/2017 6:00:51 PM

Quant Time: Aug 06 04:57:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.43	152	70810	20.00	ng	-0.07
21) Naphthalene-d8	7.71	136	248846	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	80246	20.00	ng	-0.08
63) Phenanthrene-d10	10.92	188	155067	20.00	ng	-0.08
75) Chrysene-d12	13.55	240	145235	20.00	ng	-0.08
86) Perylene-d12	14.89	264	84281	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	130221	27.72	ng	-0.06
7) Phenol-d6	6.12	99	167598	31.25	ng	-0.05
23) Nitrobenzene-d5	7.00	82	87776	20.69	ng	-0.08
41) 2,4,6-Tribromophenol	10.24	330	18497	29.17	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	123764	26.17	ng	-0.08
78) Terphenyl-d14	12.50	244	97926	13.75	ng	-0.09
Target Compounds						
49) Dimethylphthalate	9.19	163	15684	2.574	ng	Qvalue 100
74) Fluoranthene	12.13	202	54523	6.699	ng	96
77) Pyrene	12.35	202	51482	4.330	ng	97
80) Benzo(a)anthracene	13.53	228	24120	2.567	ng	# 92
82) Chrysene	13.57	228	24464	2.666	ng	# 95
87) Benzo(b)fluoranthene	14.54	252	17832m	3.520	ng	
89) Benzo(a)pyrene	14.84	252	12395	2.673	ng	# 68
91) Benzo(g,h,i)perylene	16.44	276	8396	2.106	ng	# 86

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

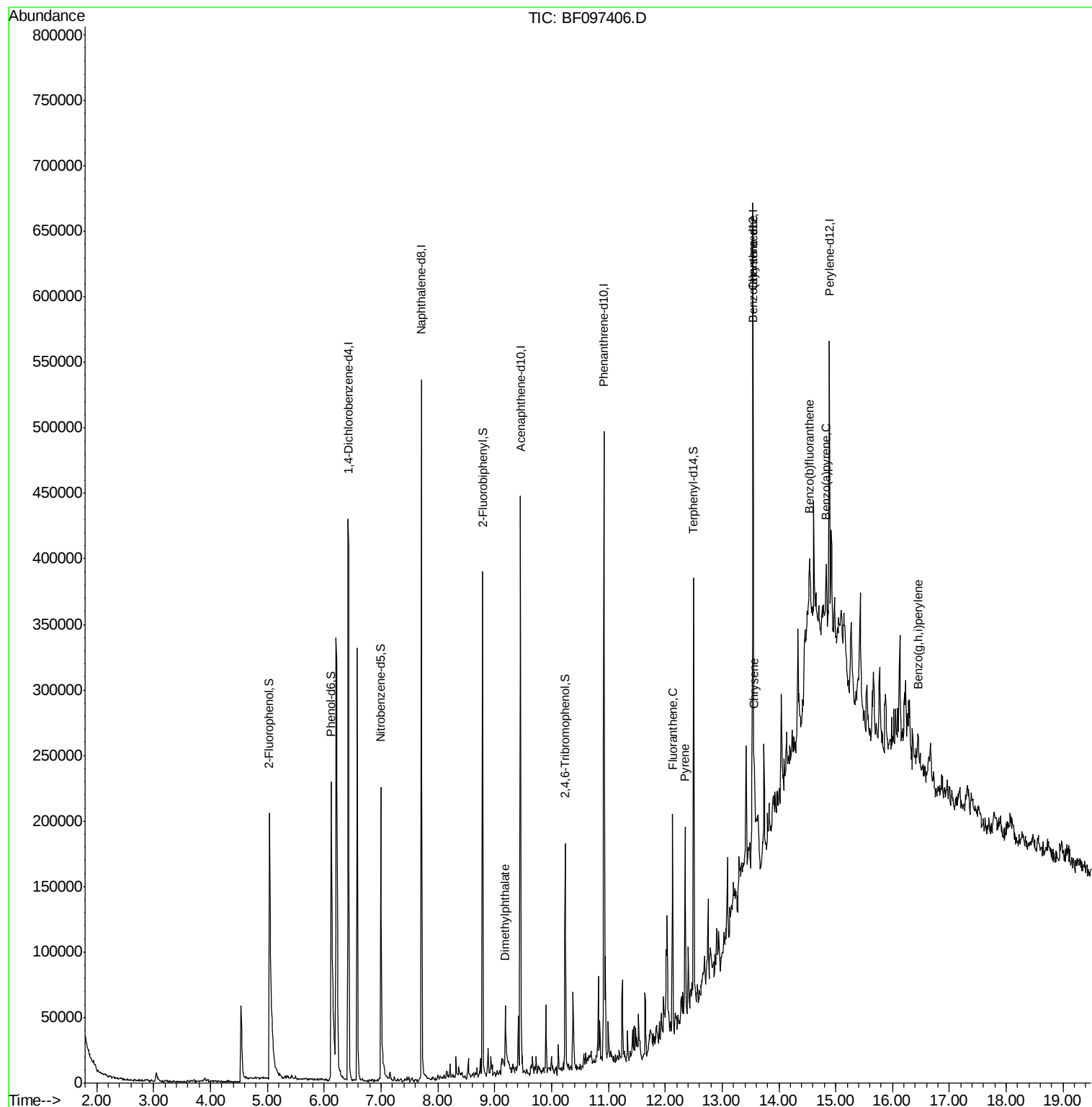
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
Data File : BF097406.D
Acq On : 5 Aug 2017 19:23
Operator : SJ/JU
Sample : I4610-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

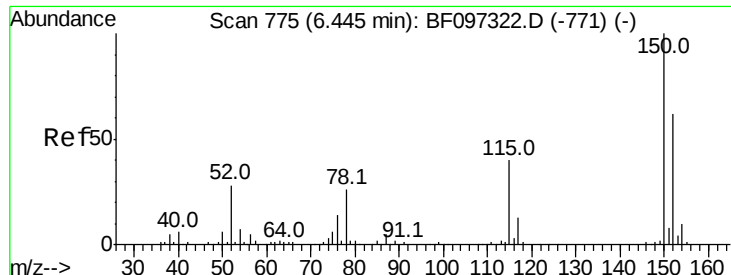
Instrument :
BNA_F
ClientSampleId :
PL-02-080317-A

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Quant Time: Aug 06 04:57:34 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

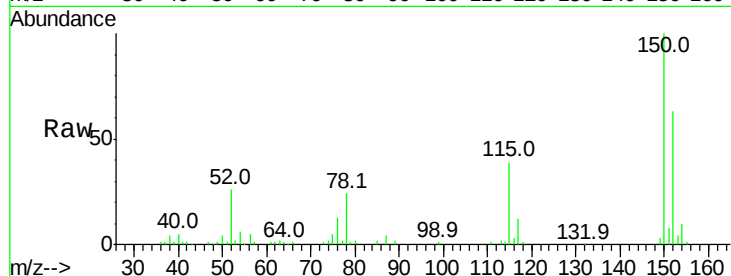
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.43 min Scan# 789
Delta R.T. -0.07 min
Lab File: BF097406.D
Acq: 5 Aug 2017 19:23

Instrument :
BNA_F
ClientSampleId :
PL-02-080317-A

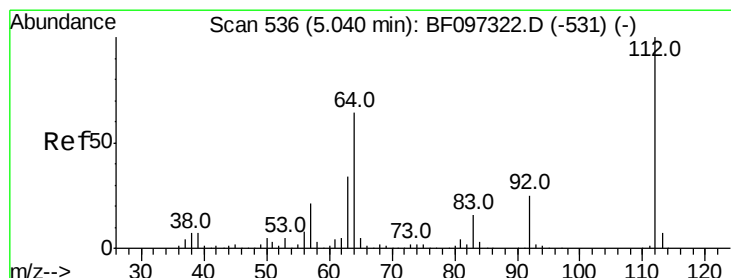
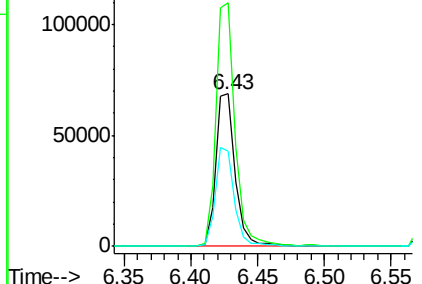
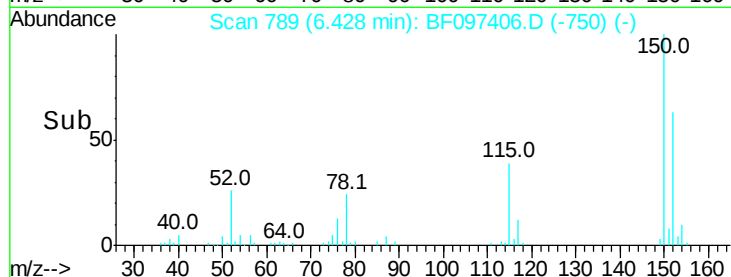
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	126.2	189.2
115	62.8	52.2	78.2

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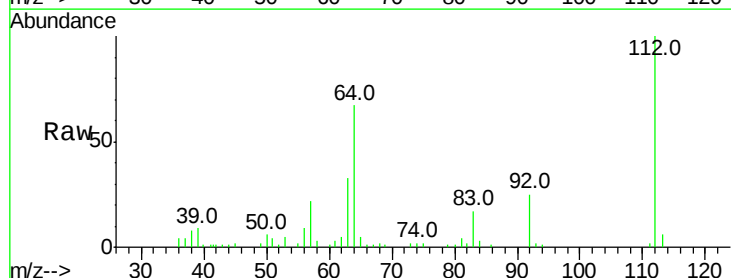
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



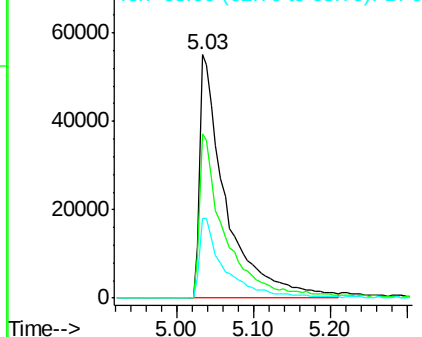
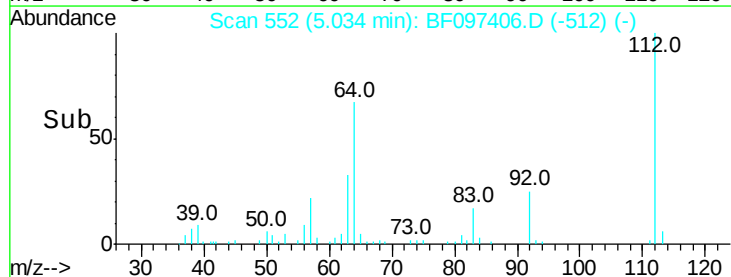
#5

2-Fluorophenol
Concen: 27.723 ng
RT: 5.03 min Scan# 552
Delta R.T. -0.06 min
Lab File: BF097406.D
Acq: 5 Aug 2017 19:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	46.0	69.0
63	32.9	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: 31.254 ng

RT: 6.12 min Scan# 737

Delta R.T. -0.05 min

Lab File: BF097406.D

Acq: 5 Aug 2017 19:23

Instrument :

BNA_F

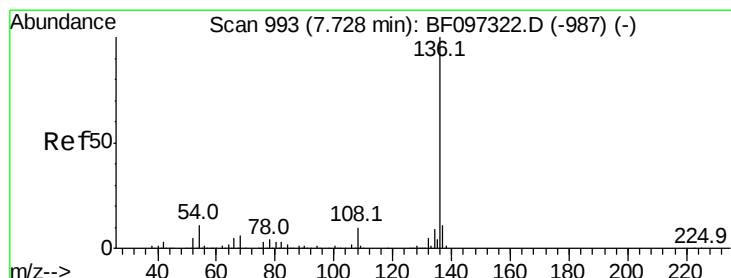
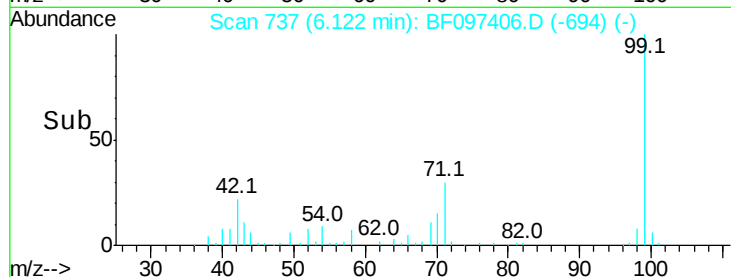
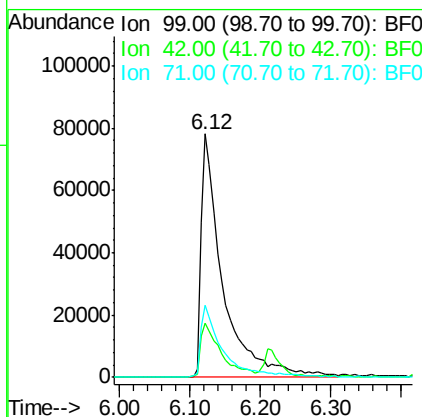
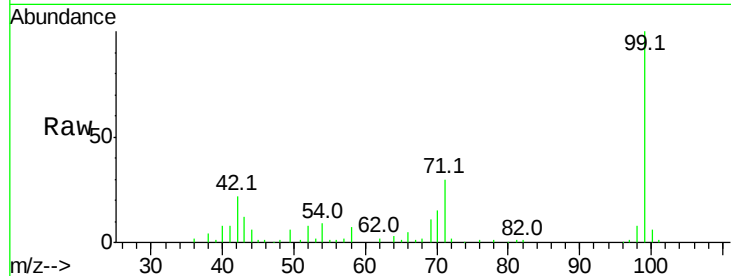
ClientSampled :

PL-02-080317-A

Tot Ion:	99	Resp:	167598
Ion Ratio	Lower	Upper	
99	100		
42	22.0	13.5	20.3#
71	29.5	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

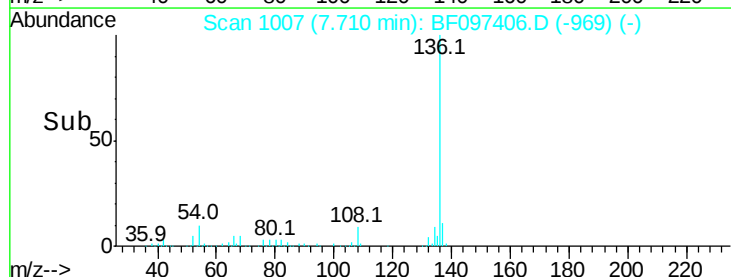
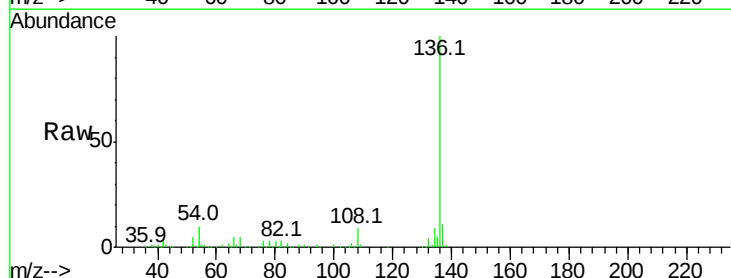
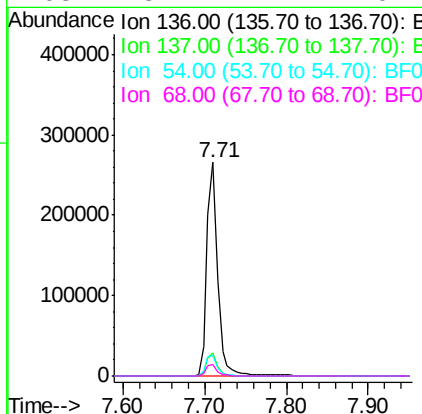
RT: 7.71 min Scan# 1007

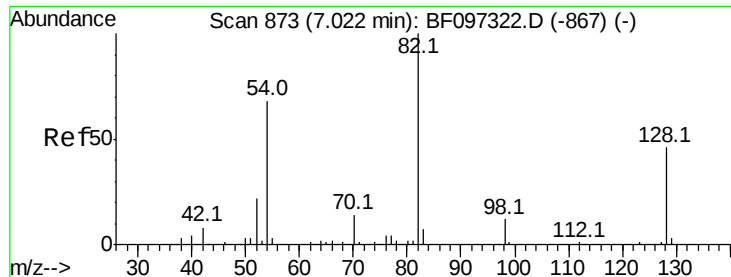
Delta R.T. -0.08 min

Lab File: BF097406.D

Acq: 5 Aug 2017 19:23

Tgt Ion:	136	Resp:	248846
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	9.6	4.9	7.3#
68	5.2	4.1	6.1





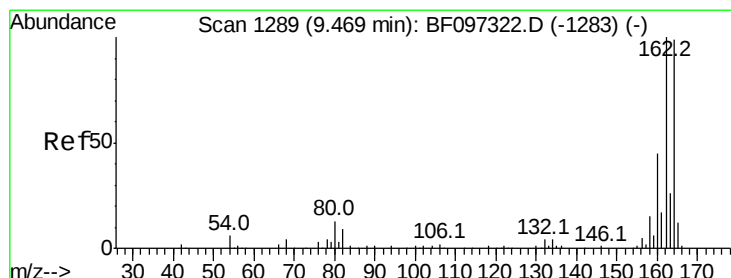
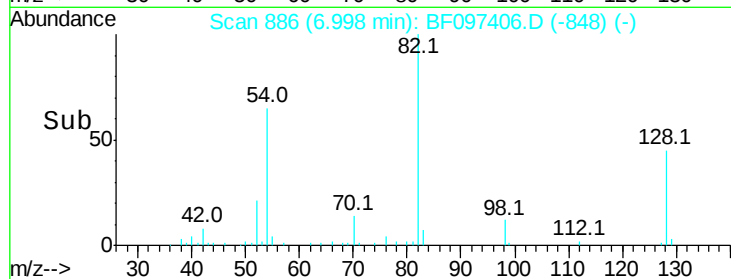
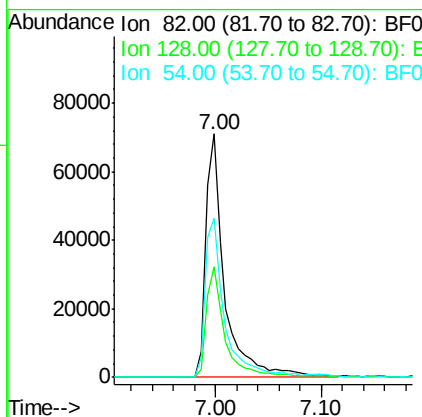
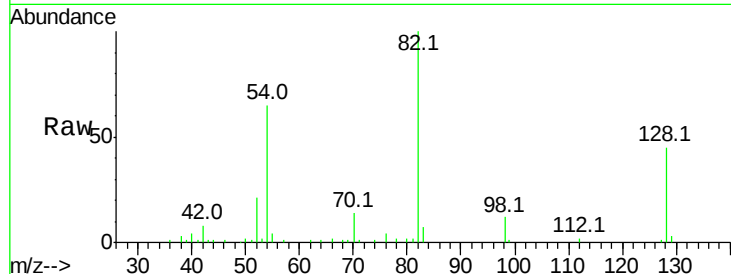
#23
 Nitrobenzene-d5
 Concen: 20.693 ng
 RT: 7.00 min Scan# 886
 Delta R.T. -0.08 min
 Lab File: BF097406.D
 Acq: 5 Aug 2017 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080317-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.0	51.0
54	65.5	42.2	63.2

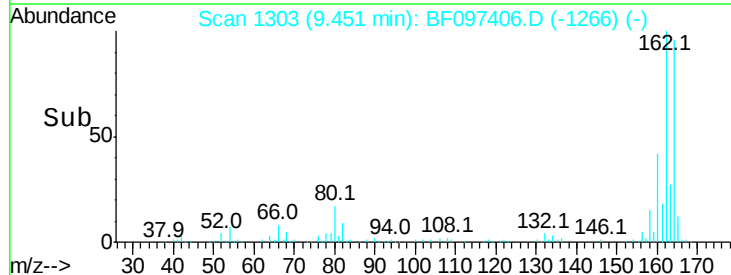
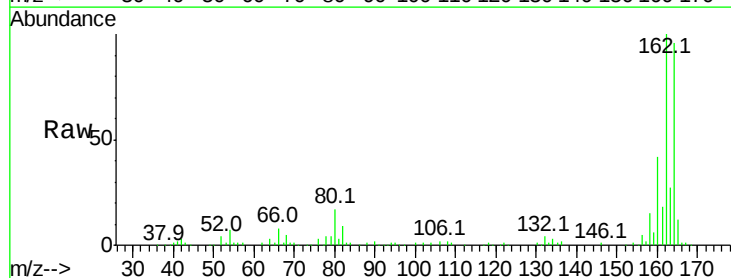
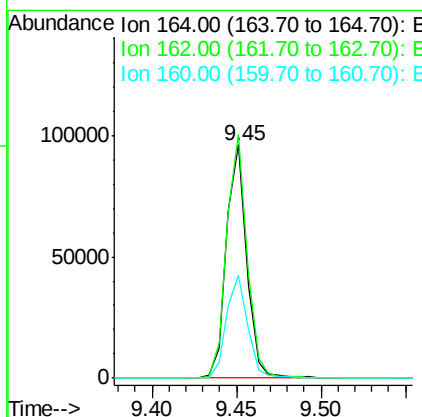
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.45 min Scan# 1303
 Delta R.T. -0.08 min
 Lab File: BF097406.D
 Acq: 5 Aug 2017 19:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.6	123.8
160	44.2	36.2	54.2





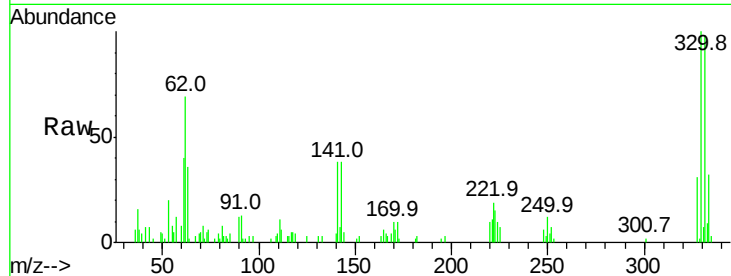
#41
 2,4,6-Tribromophenol
 Concen: 29.174 ng
 RT: 10.24 min Scan# 1437
 Delta R.T. -0.08 min
 Lab File: BF097406.D
 Acq: 5 Aug 2017 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080317-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	76.6	115.0	
141	39.8	31.4	47.2	

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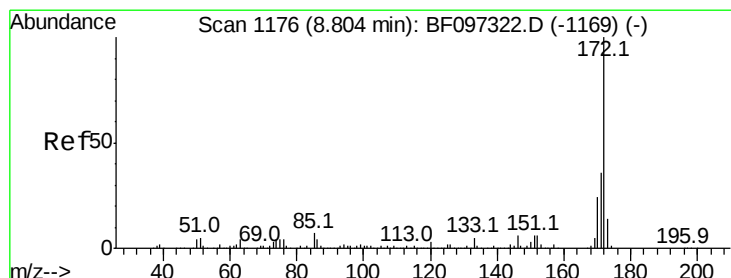
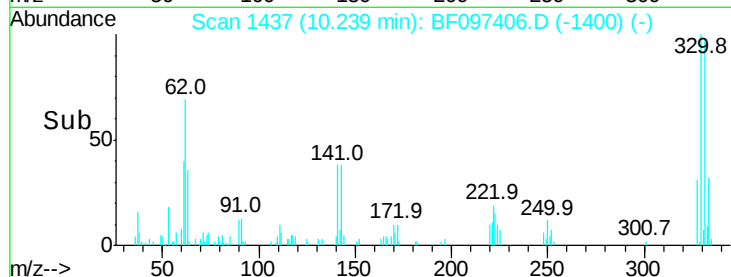
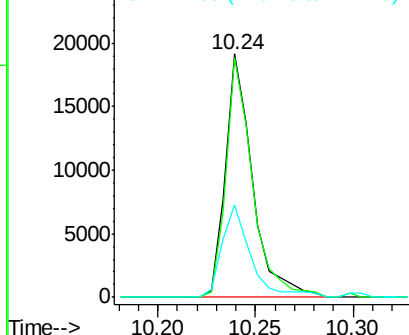


Abundance

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: 26.174 ng
 RT: 8.79 min Scan# 1190
 Delta R.T. -0.08 min
 Lab File: BF097406.D
 Acq: 5 Aug 2017 19:23

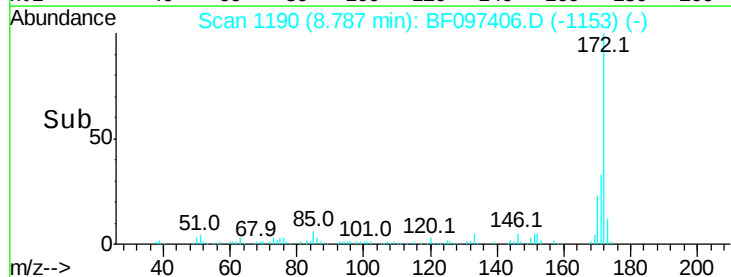
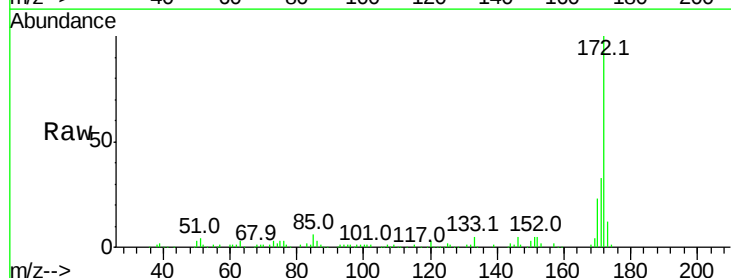
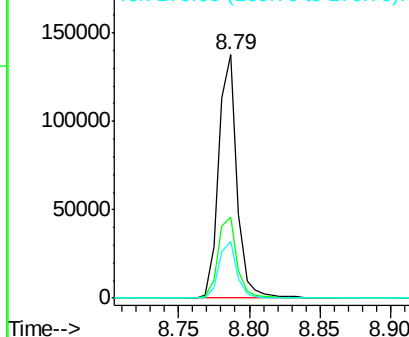
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	33.1	29.6	44.4	
170	23.1	19.8	29.8	

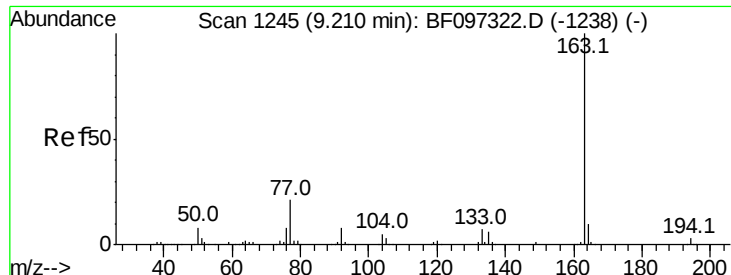
Abundance

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





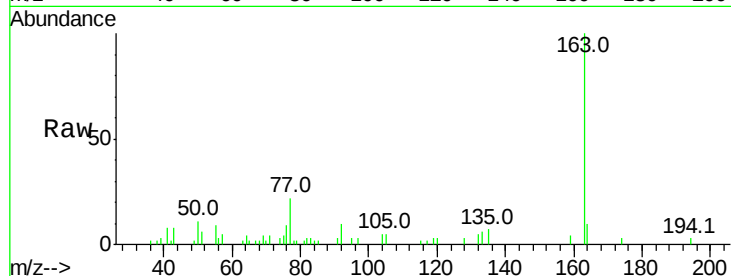
#49
Dimethylphthalate
Concen: 2.574 ng
RT: 9.19 min Scan# 1258
Delta R.T. -0.09 min
Lab File: BF097406.D
Acq: 5 Aug 2017 19:23

Instrument :
BNA_F
ClientSampleId :
PL-02-080317-A

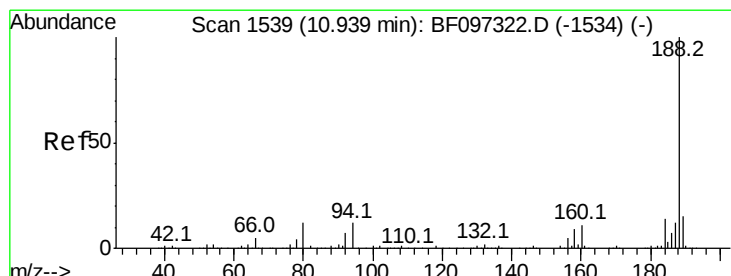
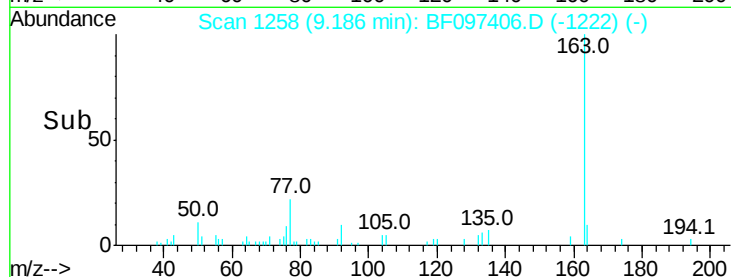
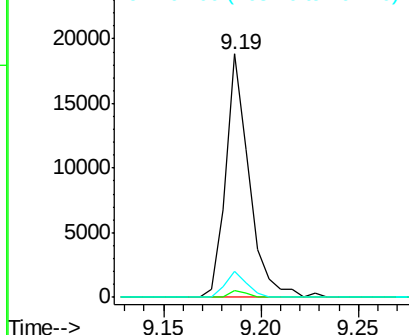
Tot Ion	Ratio	Resp	Lower	Upper
163	100	15684		
194	2.7		2.6	4.0
164	10.5		8.4	12.6

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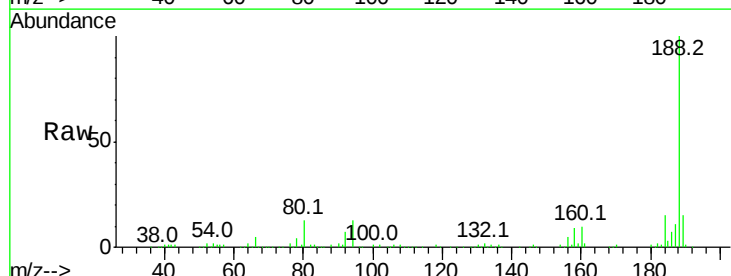


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

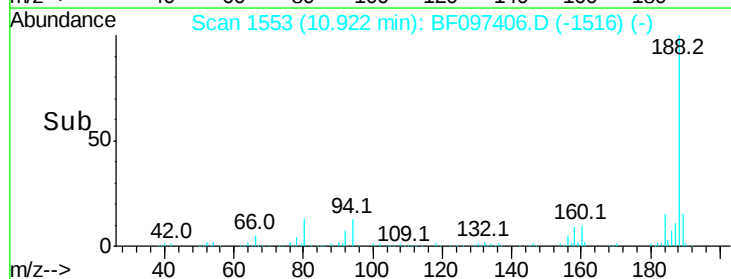
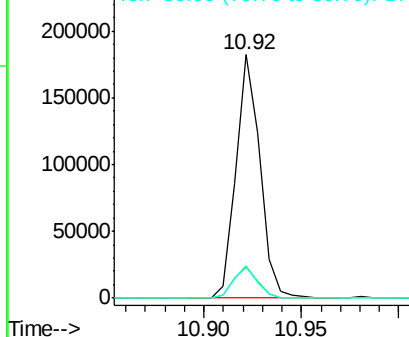


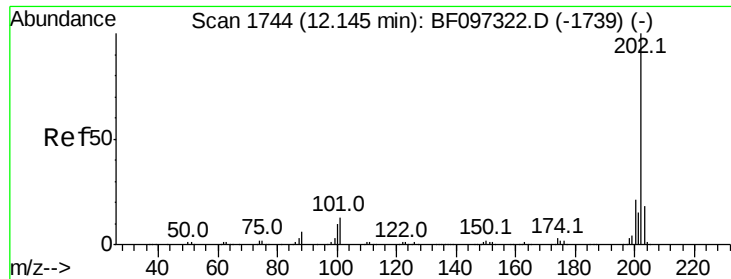
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.92 min Scan# 1553
Delta R.T. -0.08 min
Lab File: BF097406.D
Acq: 5 Aug 2017 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	155067		
94	13.0		9.4	14.2
80	13.4		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





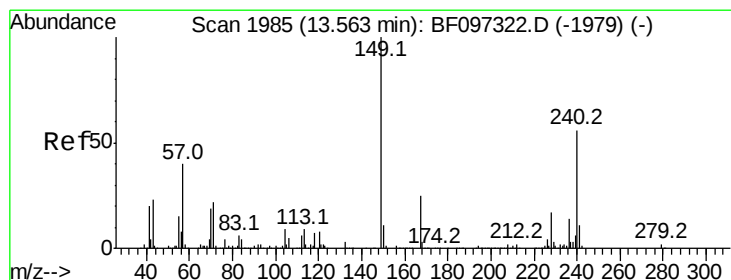
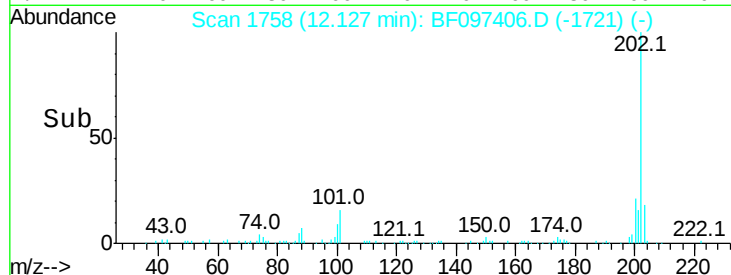
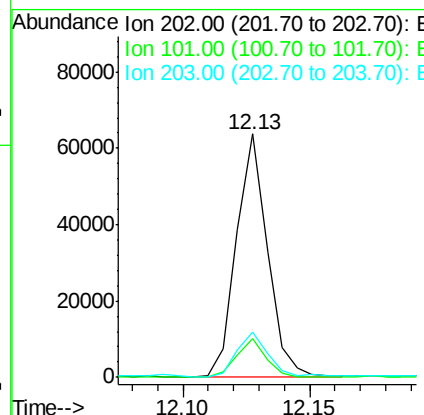
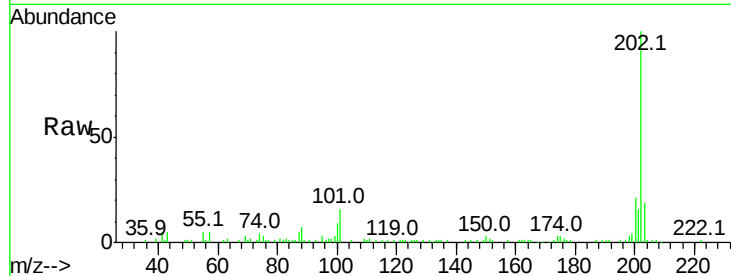
#74
Fluoranthene
Concen: 6.699 ng
RT: 12.13 min Scan# 1758
Delta R.T. -0.08 min
Lab File: BF097406.D
Acq: 5 Aug 2017 19:23

Instrument :
BNA_F
ClientSampleId :
PL-02-080317-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.0	0.0	33.2
203	18.6	0.0	38.1

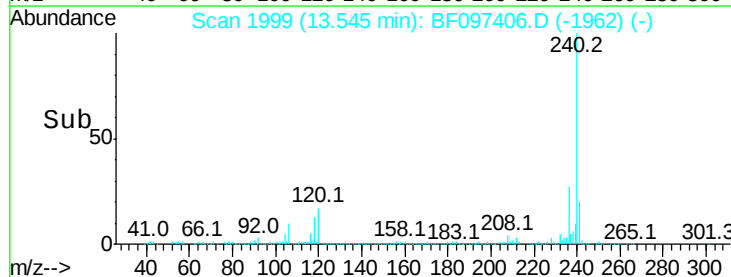
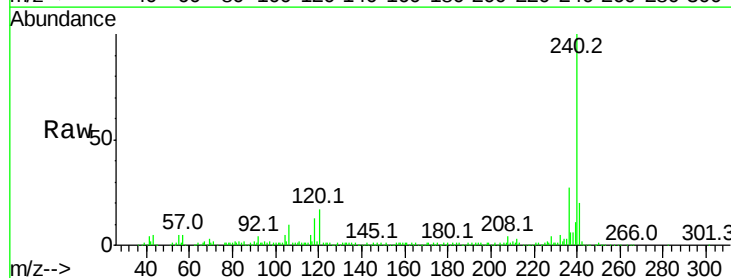
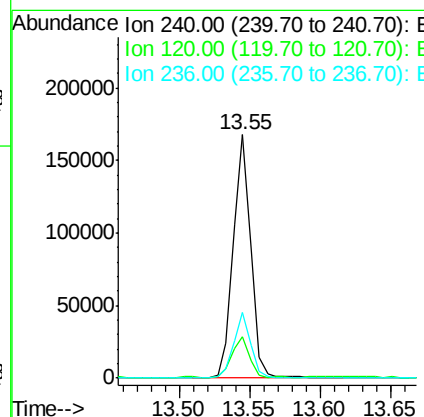
Manual Integrations
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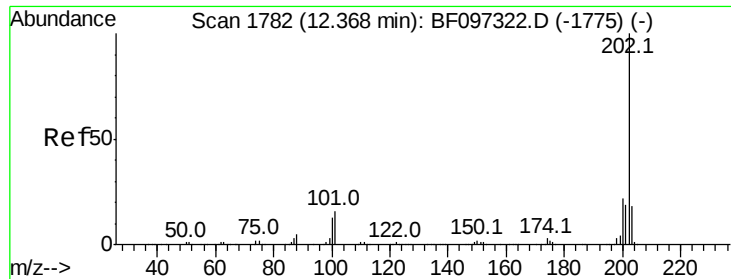
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.55 min Scan# 1999
Delta R.T. -0.08 min
Lab File: BF097406.D
Acq: 5 Aug 2017 19:23

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	17.0	5.8	8.8#
236	27.1	20.5	30.7





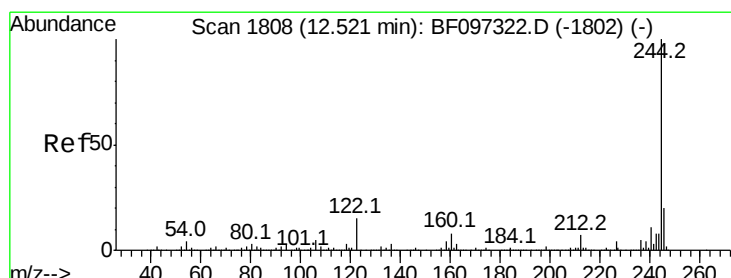
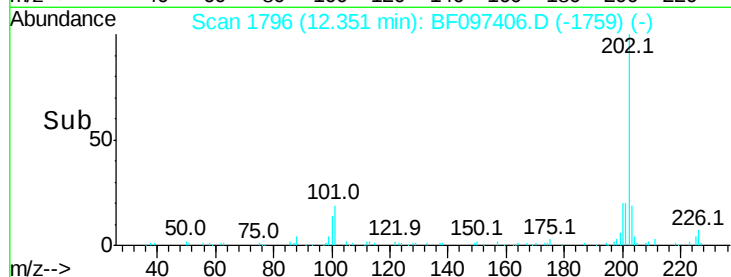
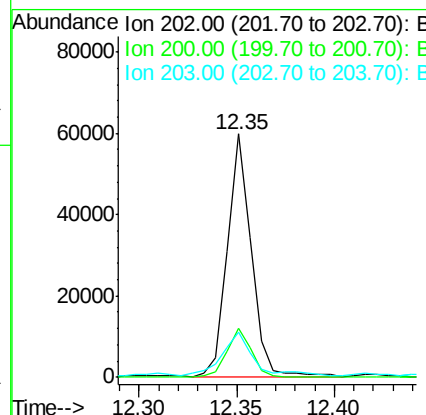
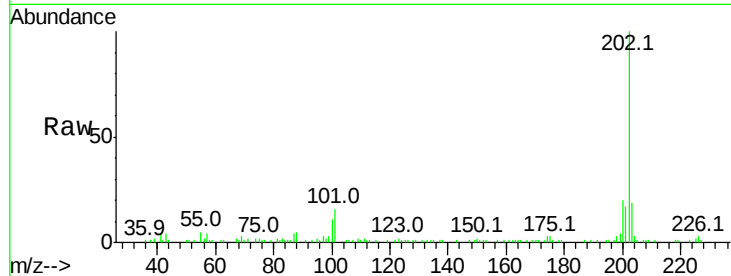
#77
Pvrene
Concen: 4.330 ng
RT: 12.35 min Scan# 1796
Delta R.T. -0.08 min
Lab File: BF097406.D
Acq: 5 Aug 2017 19:23

Instrument :
BNA_F
ClientSampleId :
PL-02-080317-A

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.6	26.4
203	18.8	14.4	21.6

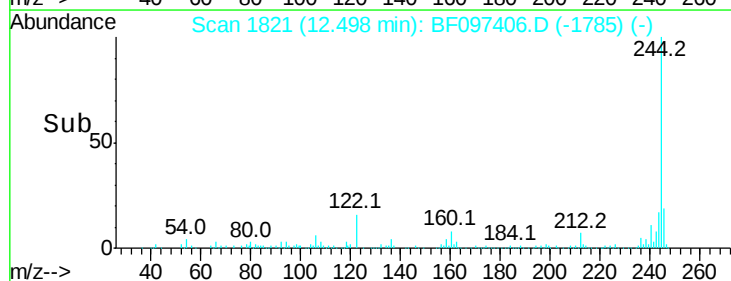
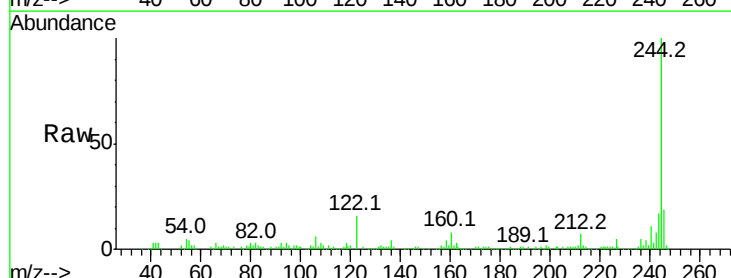
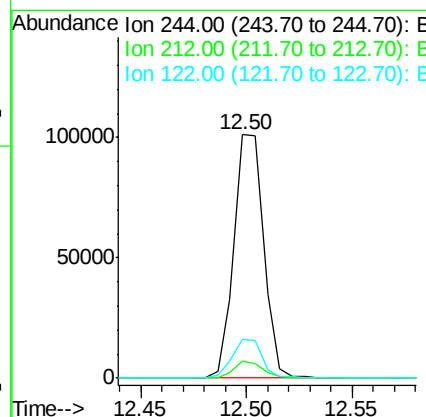
Manual Integrations
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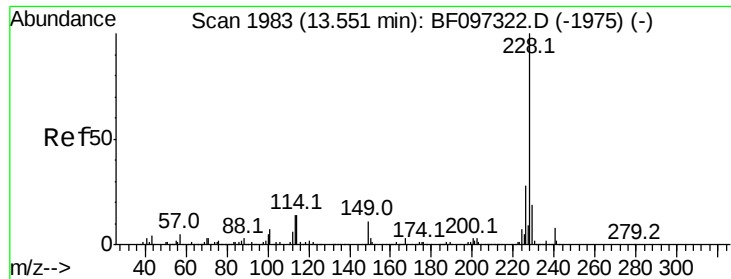
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#78
Terphenyl-d14
Concen: 13.747 ng
RT: 12.50 min Scan# 1821
Delta R.T. -0.09 min
Lab File: BF097406.D
Acq: 5 Aug 2017 19:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	15.9	10.3	15.5#





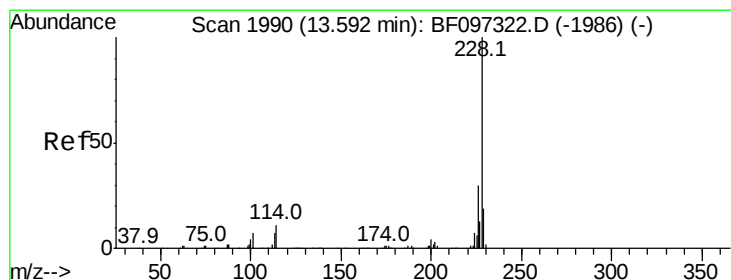
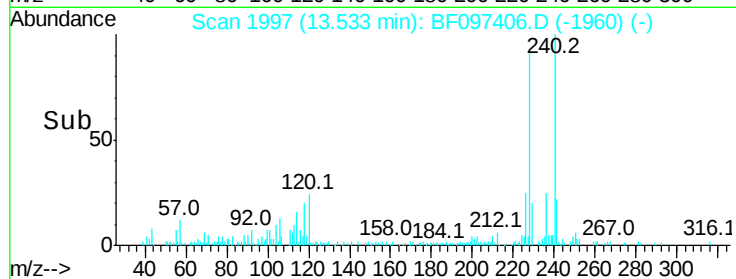
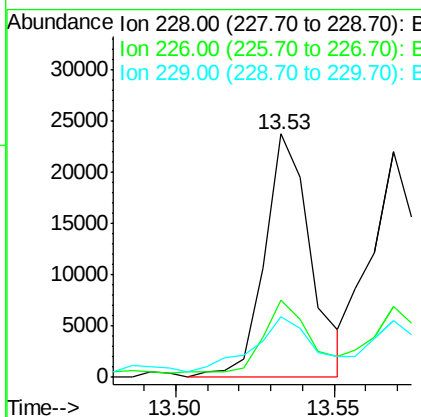
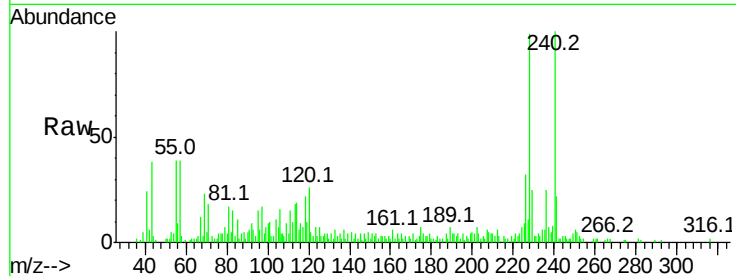
#80
Benzo(a)anthracene
Concen: 2.567 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.08 min
Lab File: BF097406.D
Acq: 5 Aug 2017 19:23

Instrument :
BNA_F
ClientSampleId :
PL-02-080317-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.6	33.8
229	25.1	16.3	24.5

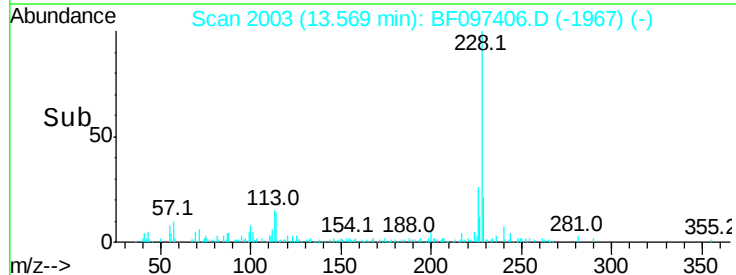
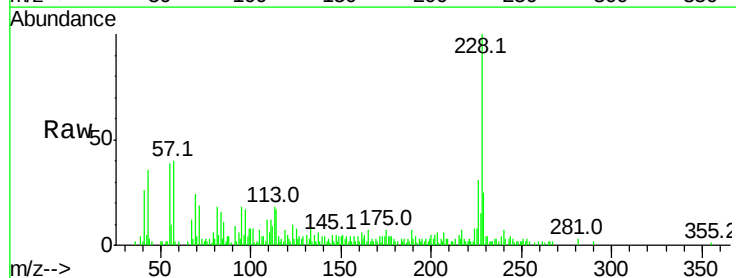
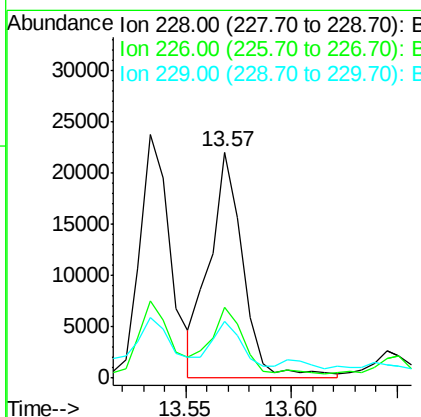
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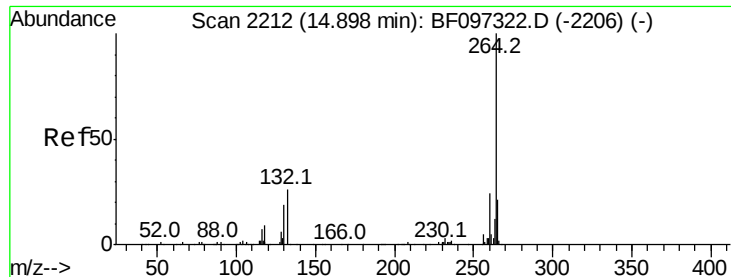
Sohil
8/7/2017 6:00:51 PM



#82
Chrysene
Concen: 2.666 ng
RT: 13.57 min Scan# 2003
Delta R.T. -0.09 min
Lab File: BF097406.D
Acq: 5 Aug 2017 19:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	25.1	15.8	23.6





#86

Pervlene-d12

Concen: 20.000 ng

RT: 14.89 min Scan# 2227

Delta R.T. -0.09 min

Lab File: BF097406.D

Acq: 5 Aug 2017 19:23

Instrument :

BNA_F

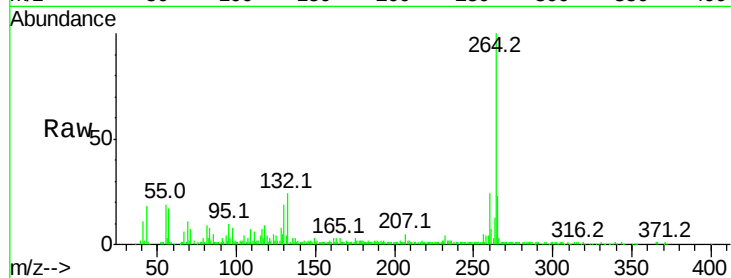
ClientSampleId :

PL-02-080317-A

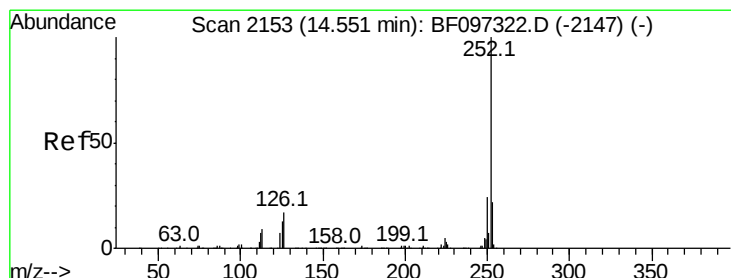
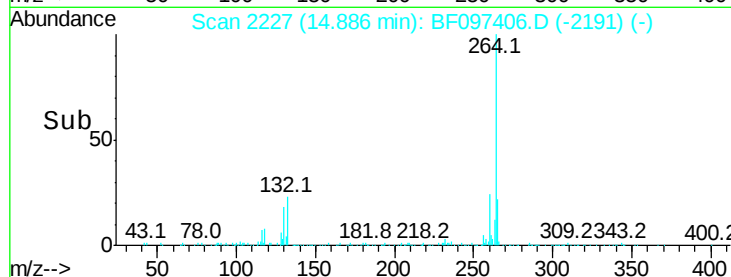
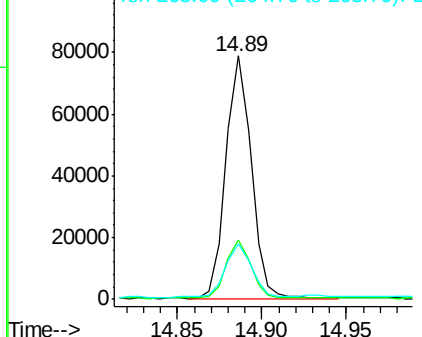
Tot Ion:	264	Resp:	84281
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.5	29.3
265	22.6	17.2	25.8

Manual Integrations
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8/7/2017 6:00:51 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



#87

Benzo(b)fluoranthene

Concen: 3.520 ng m

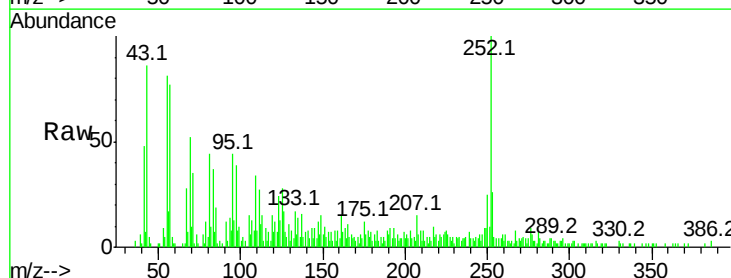
RT: 14.54 min Scan# 2168

Delta R.T. -0.08 min

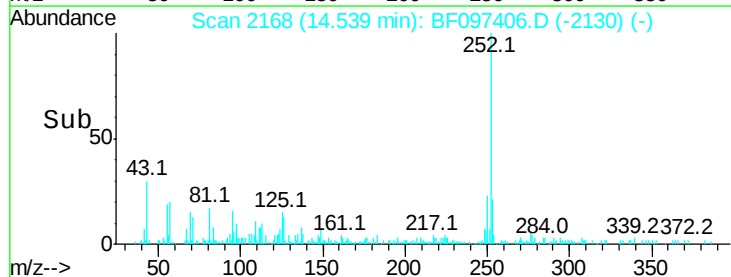
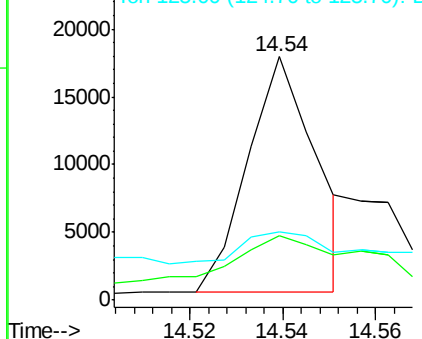
Lab File: BF097406.D

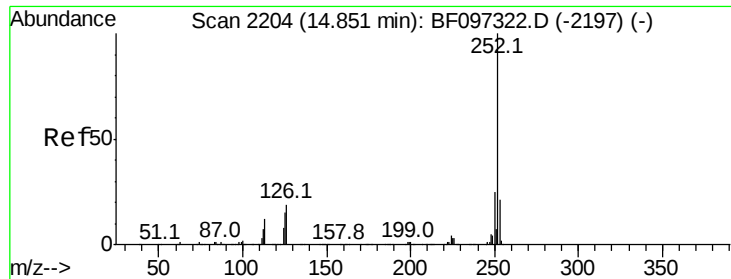
Acq: 5 Aug 2017 19:23

Tgt Ion:	252	Resp:	17832
Ion Ratio	Lower	Upper	
252	100		
253	26.4	18.1	27.1
125	27.9	9.8	14.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





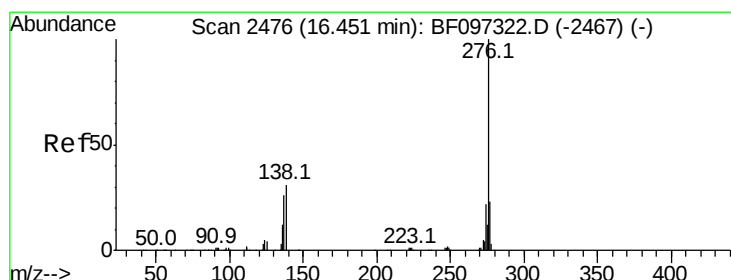
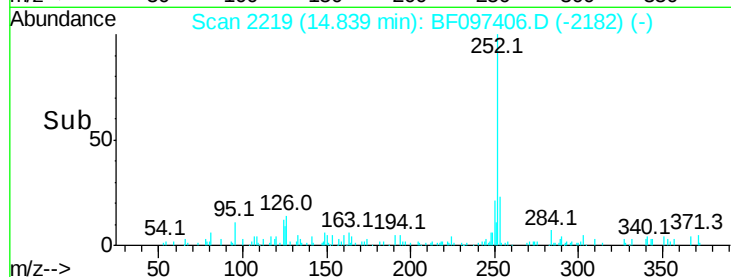
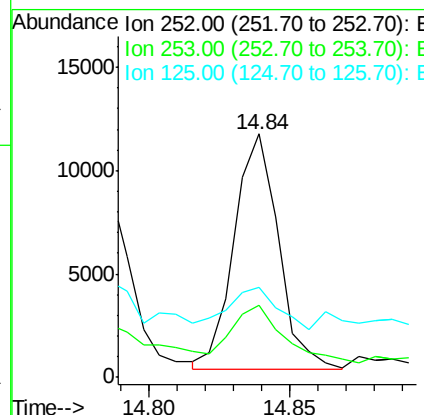
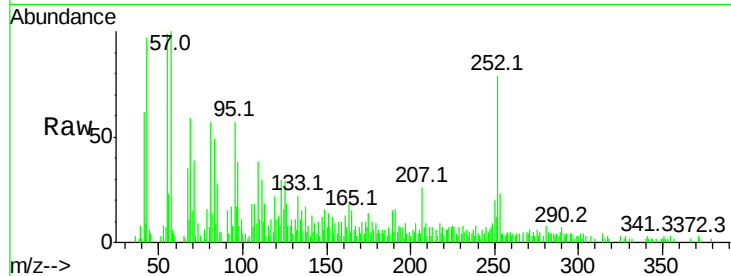
#89
Benzo(a)pyrene
Concen: 2.673 ng
RT: 14.84 min Scan# 2219
Delta R.T. -0.08 min
Lab File: BF097406.D
Acq: 5 Aug 2017 19:23

Instrument :
BNA_F
ClientSampleId :
PL-02-080317-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.7	17.5	26.3#
125	36.8	11.0	16.4#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.106 ng
RT: 16.44 min Scan# 2492
Delta R.T. -0.12 min
Lab File: BF097406.D
Acq: 5 Aug 2017 19:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.3	18.6	28.0#
138	38.9	25.4	38.0#

