

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097493.D
 Acq On : 9 Aug 2017 2:47
 Operator : SJ/JU
 Sample : I4652-07 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L-1338-B-COMP

Manual Integrations
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Quant Time: Aug 09 04:45:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	95871	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	364589	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	138335	20.00	ng	0.00
63) Phenanthrene-d10	10.90	188	207306	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	170851	20.00	ng	0.00
86) Perylene-d12	14.87	264	128345	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	32335	5.08	ng	0.02
7) Phenol-d6	6.10	99	47555	6.55	ng	0.01
23) Nitrobenzene-d5	6.99	82	27271	4.39	ng	0.00
41) 2,4,6-Tribromophenol	10.23	330	6499	5.95	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	52461	6.44	ng	0.00
78) Terphenyl-d14	12.49	244	34515	4.12	ng	-0.01
Target Compounds						
70) Phenanthrene	10.93	178	57870	5.210	ng	Qvalue 100
74) Fluoranthene	12.11	202	84675	7.782	ng	99
77) Pyrene	12.34	202	76660	5.481	ng	98
80) Benzo(a)anthracene	13.52	228	38337	3.468	ng	96
82) Chrysene	13.56	228	34943	3.237	ng	96
87) Benzo(b)fluoranthene	14.53	252	41890m	5.430	ng	
88) Benzo(k)fluoranthene	14.54	252	15636m	2.127	ng	
89) Benzo(a)pyrene	14.83	252	29736	4.211	ng	# 91
91) Benzo(g,h,i)perylene	16.43	276	15200	2.503	ng	# 90

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

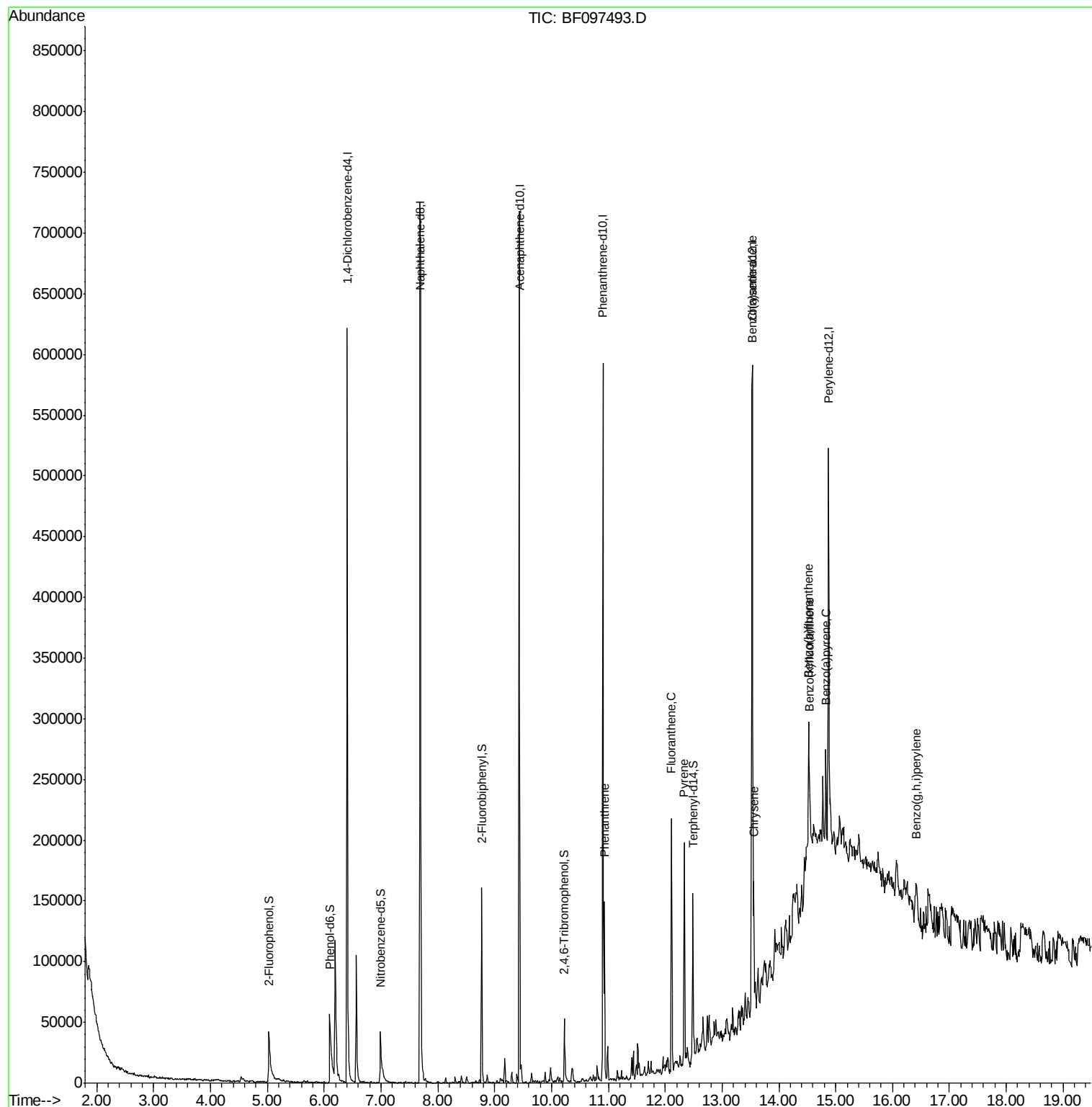
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

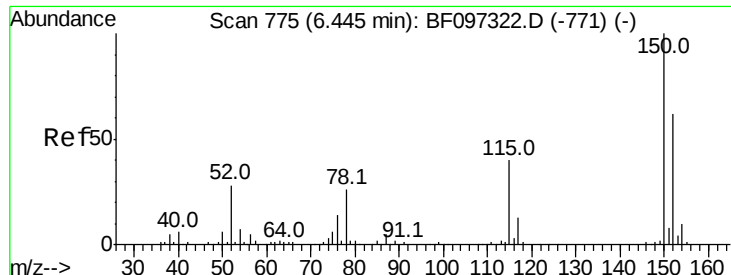
Instrument :
BNA_F
ClientSampleId :
L-1338-B-COMP

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#1

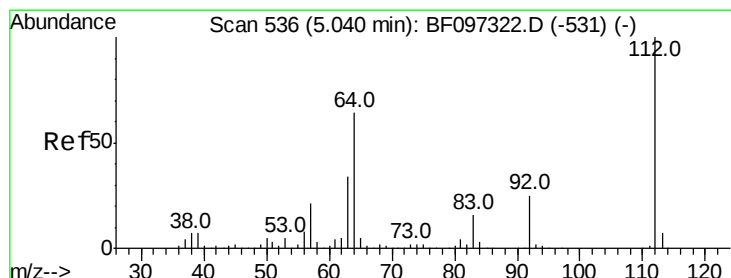
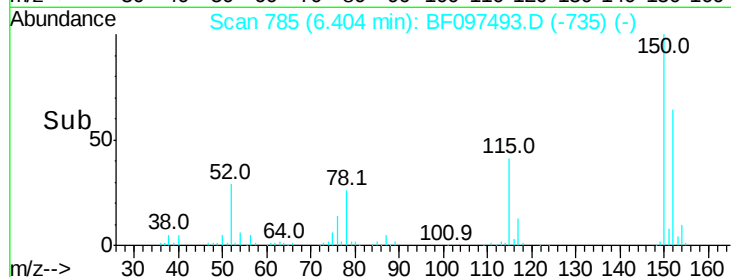
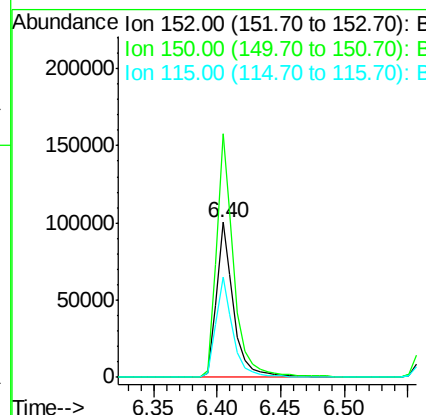
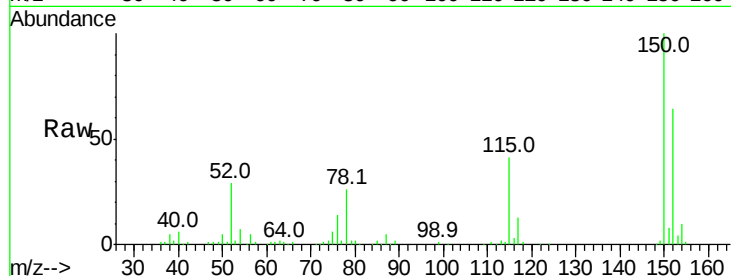
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Instrument :
BNA_F
ClientSampleId :
L-1338-B-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	64.7	52.2	78.2

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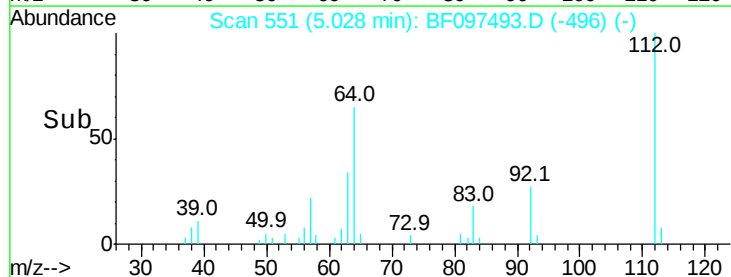
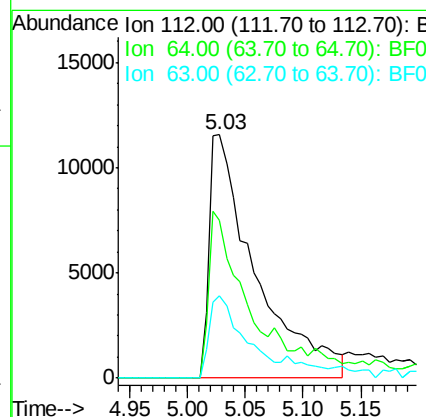
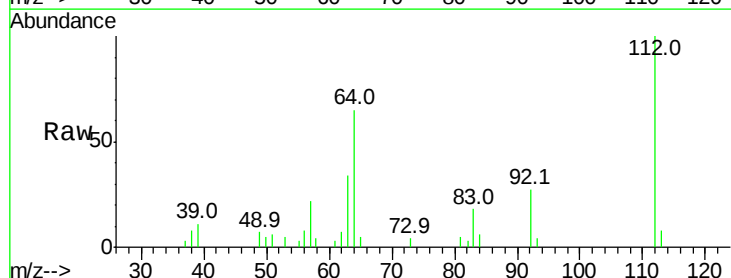
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#5

2-Fluorophenol
Concen: 5.084 ng
RT: 5.03 min Scan# 551
Delta R.T. 0.02 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.1	46.0	69.0
63	33.8	23.4	35.0





#7

Phenol-d6

Concen: 6.550 ng

RT: 6.10 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF097493.D

Acq: 9 Aug 2017 2:47

Instrument :

BNA_F

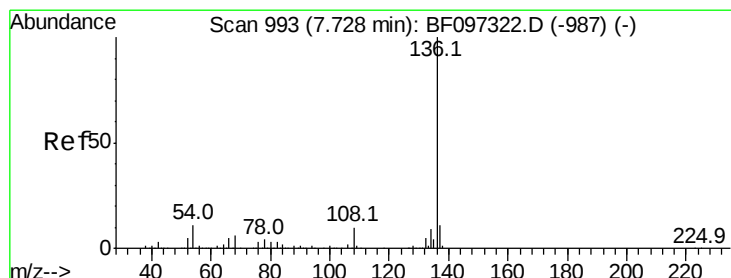
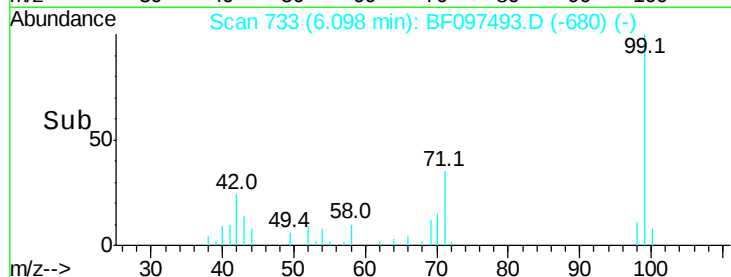
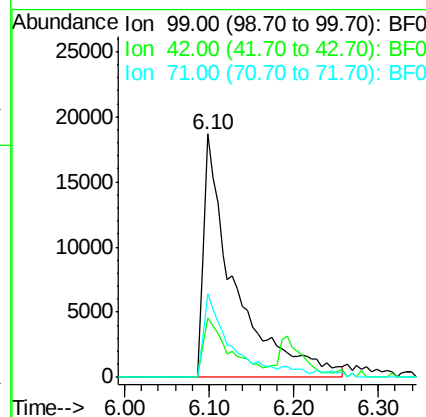
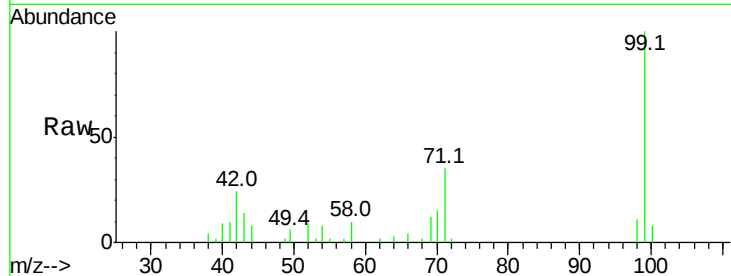
ClientSampled :

L-1338-B-COMP

Tot Ion:	99	Resp:	47555
Ion Ratio	Lower	Upper	
99	100		
42	24.2	13.5	20.3#
71	34.5	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

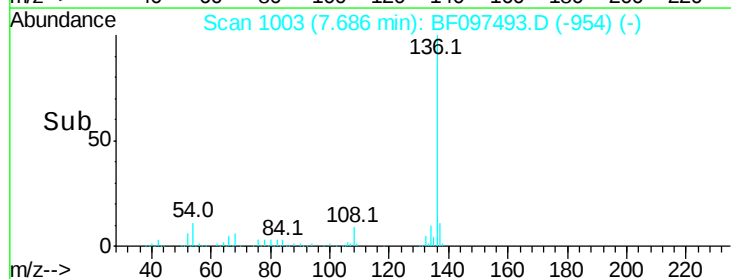
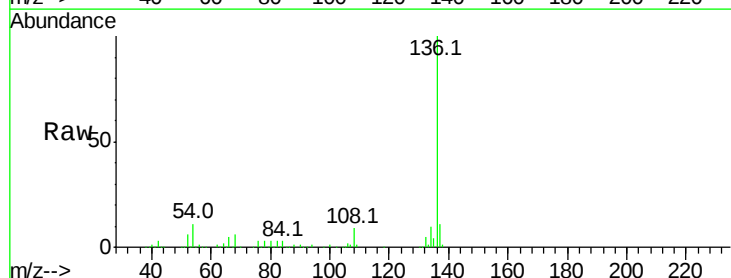
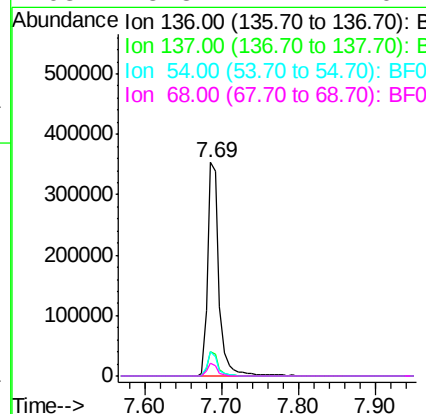
RT: 7.69 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF097493.D

Acq: 9 Aug 2017 2:47

Tgt Ion:	136	Resp:	364589
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	11.3	4.9	7.3#
68	5.8	4.1	6.1





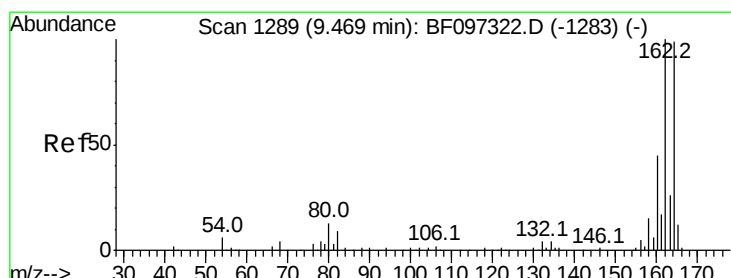
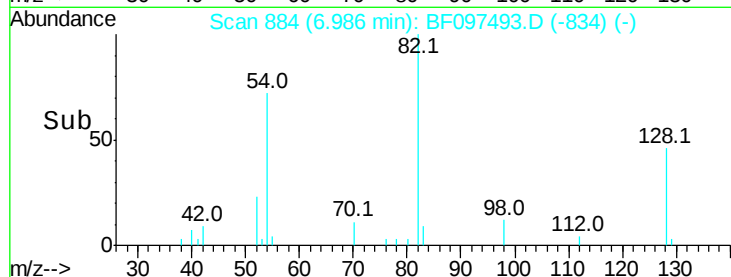
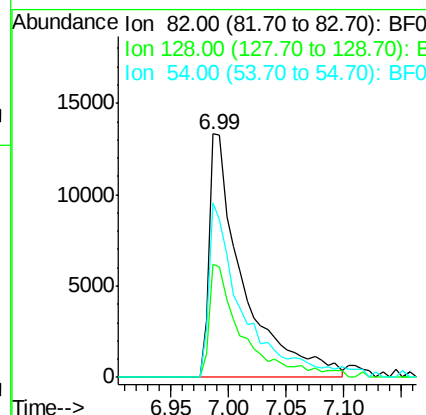
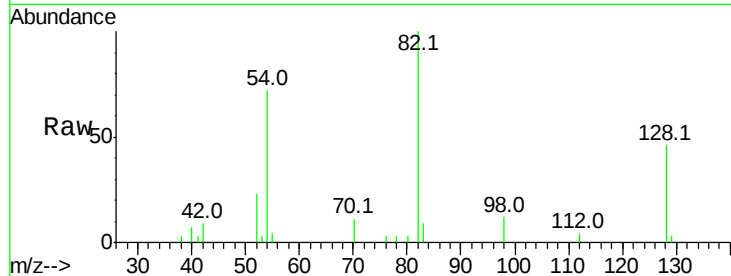
#23
 Nitrobenzene-d5
 Concen: 4.388 ng
 RT: 6.99 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF097493.D
 Acq: 9 Aug 2017 2:47

Instrument :
 BNA_F
 ClientSampleId :
 L-1338-B-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	71.7	42.2	63.2

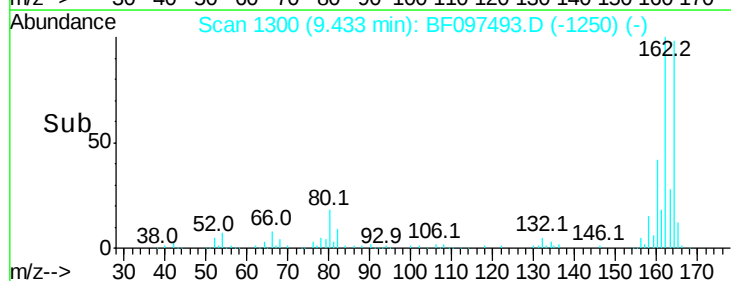
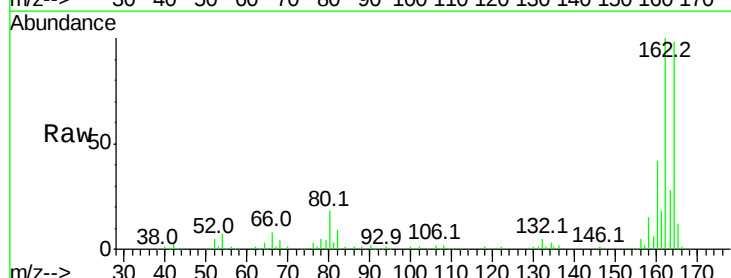
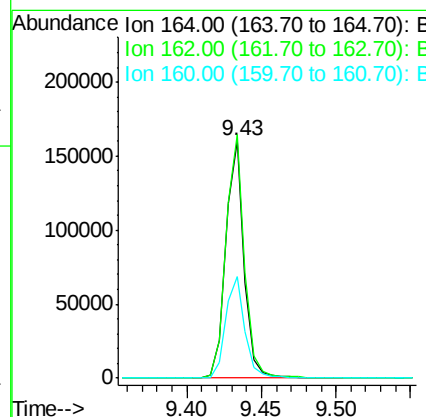
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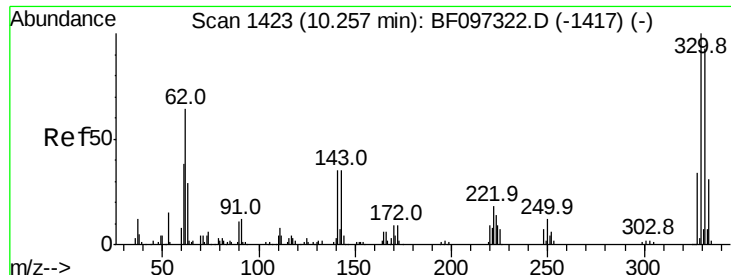
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF097493.D
 Acq: 9 Aug 2017 2:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	43.0	36.2	54.2





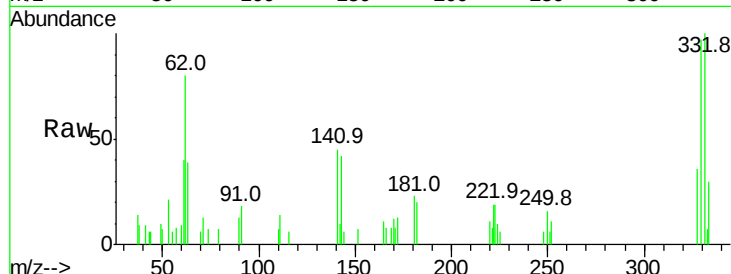
#41
 2,4,6-Tribromophenol
 Concen: 5.946 ng
 RT: 10.23 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF097493.D
 Acq: 9 Aug 2017 2:47

Instrument :
 BNA_F
 ClientSampleId :
 L-1338-B-COMP

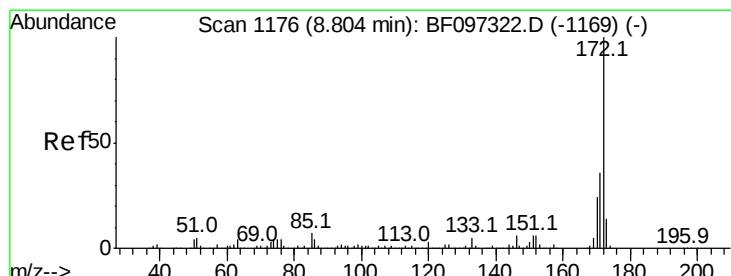
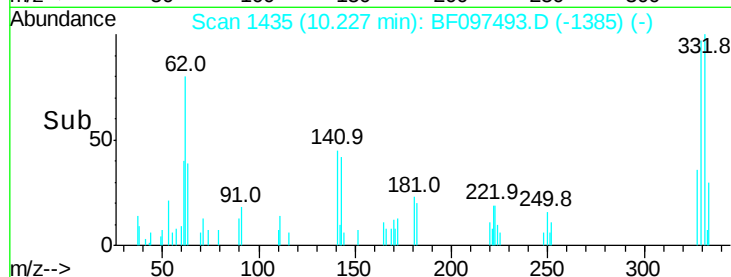
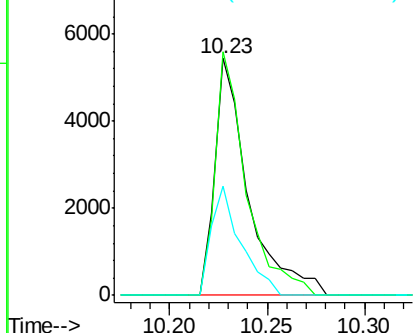
Tot Ion	Ratio	Resp	Lower	Upper
330	100	6499		
332	95.1		76.6	115.0
141	40.3		31.4	47.2

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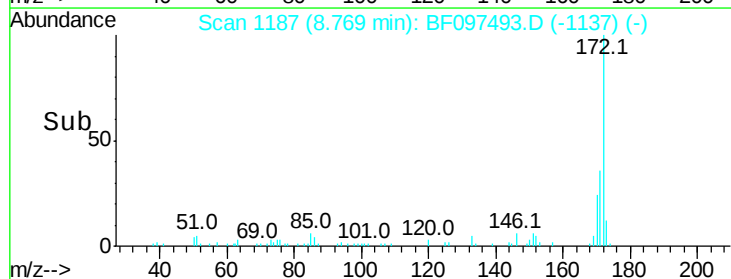
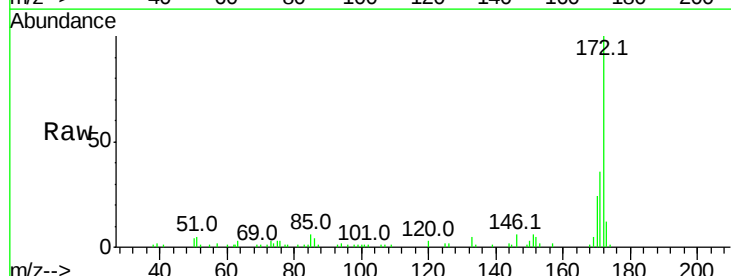
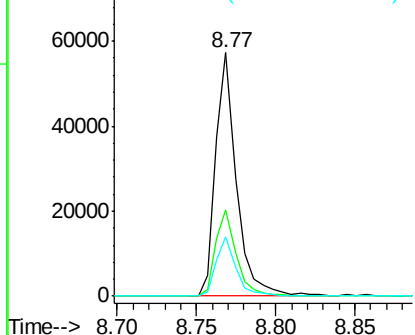
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

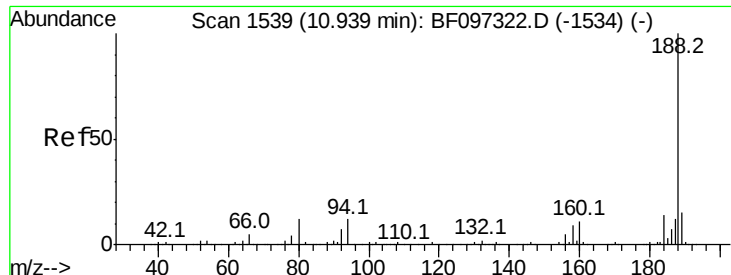


#44
 2-Fluorobiphenyl
 Concen: 6.436 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097493.D
 Acq: 9 Aug 2017 2:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	52461		
171	35.6		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





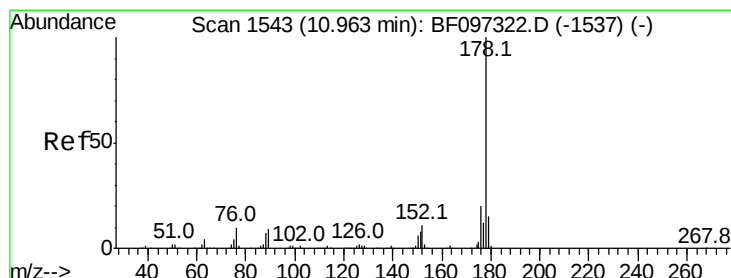
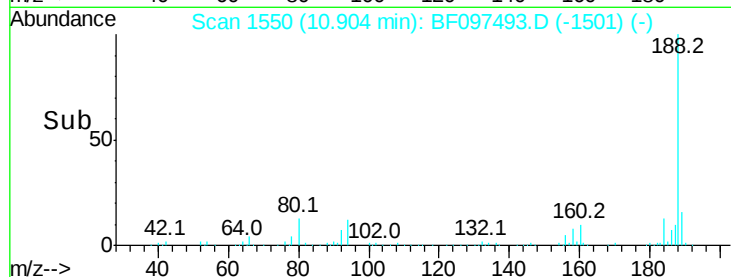
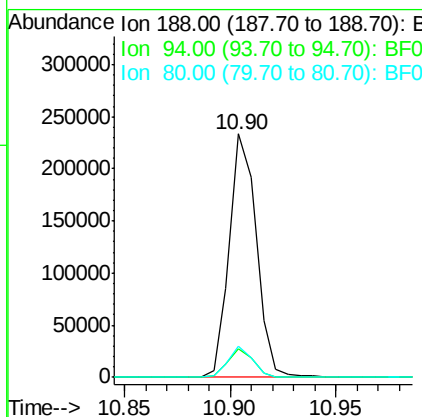
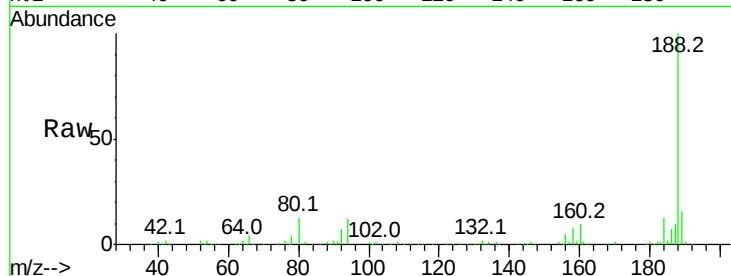
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Instrument :
BNA_F
ClientSampleId :
L-1338-B-COMP

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.7	9.4	14.2
80	12.7	10.2	15.2

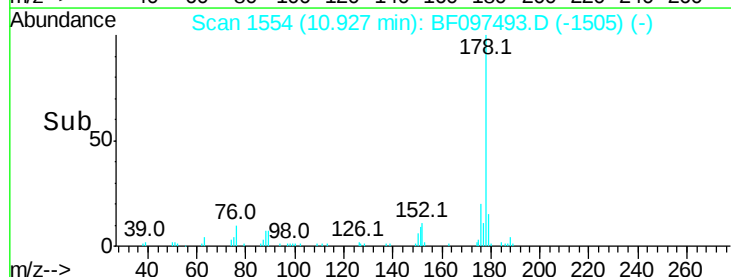
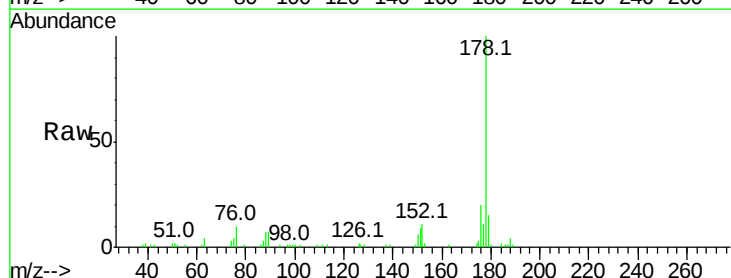
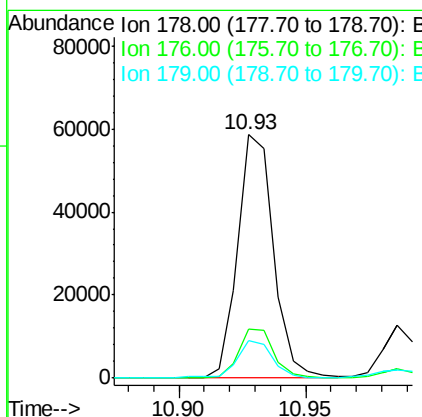
Manual Integrations
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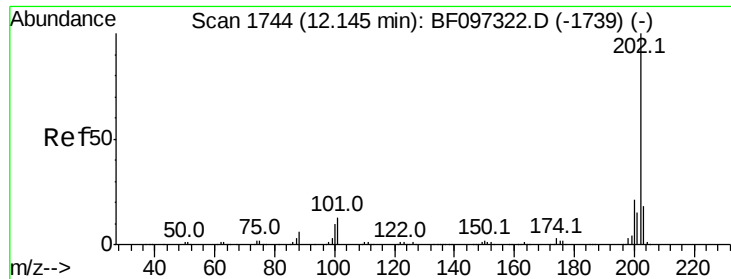
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#70
Phenanthrene
Concen: 5.210 ng
RT: 10.93 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.4	16.2	24.4
179	15.5	12.6	19.0





#74

Fluoranthene

Concen: 7.782 ng

RT: 12.11 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF097493.D

Acq: 9 Aug 2017 2:47

Instrument :

BNA_F

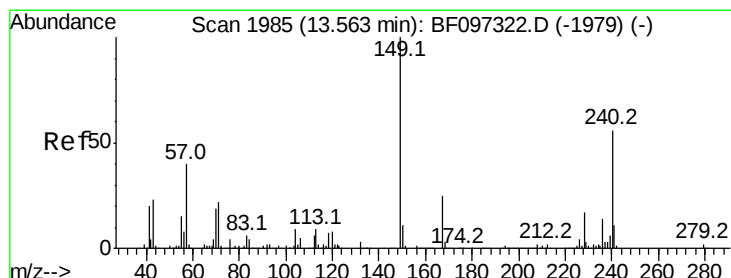
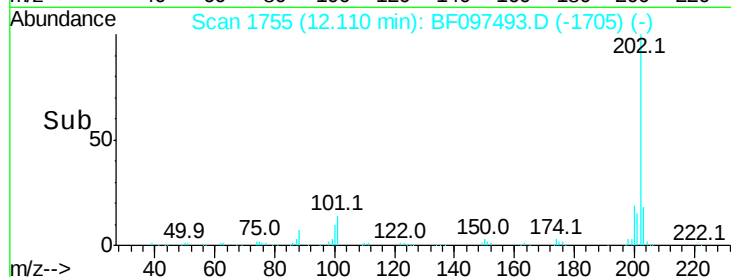
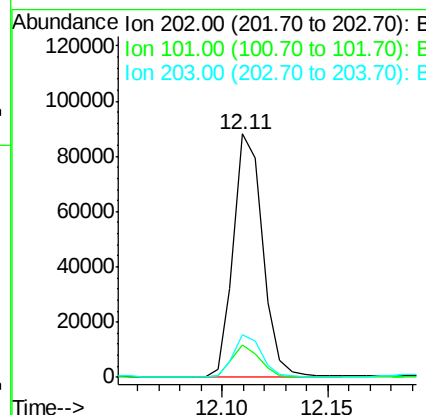
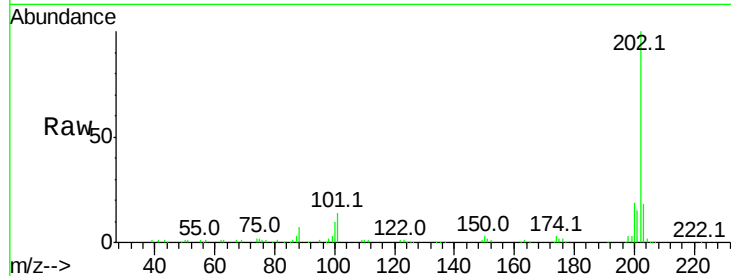
ClientSampleId :

L-1338-B-COMP

Tot Ion:	202	Resp:	84675
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	33.2
203	17.6	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

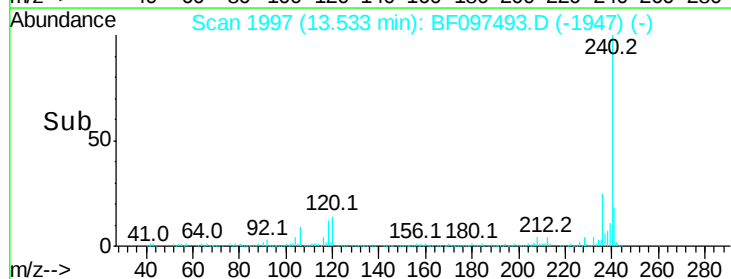
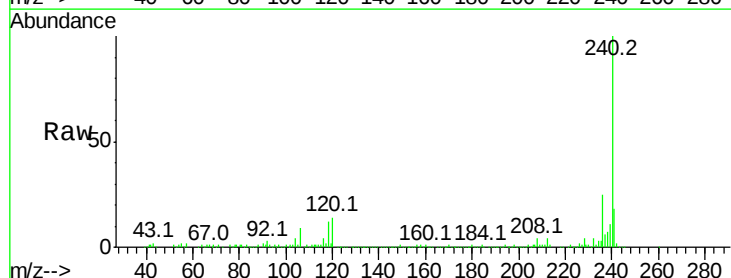
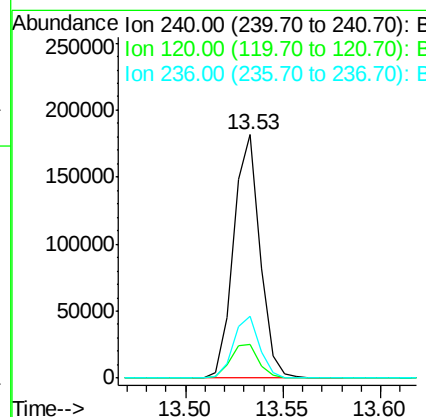
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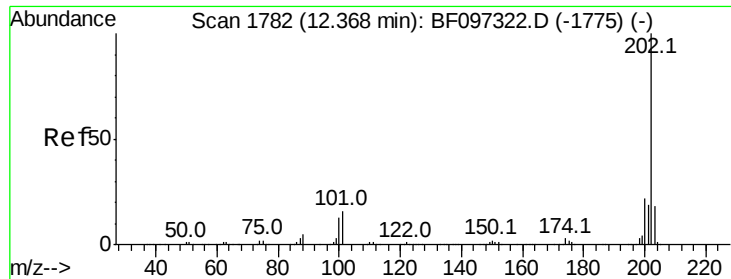
Delta R.T. -0.01 min

Lab File: BF097493.D

Acq: 9 Aug 2017 2:47

Tgt Ion:	240	Resp:	170851
Ion Ratio	Lower	Upper	
240	100		
120	13.9	5.8	8.8#
236	25.3	20.5	30.7





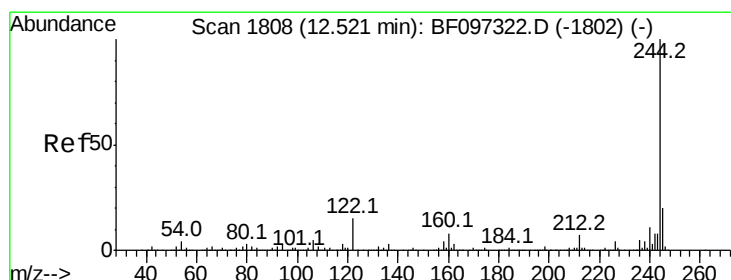
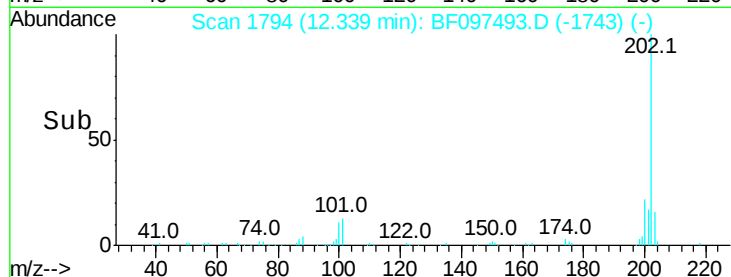
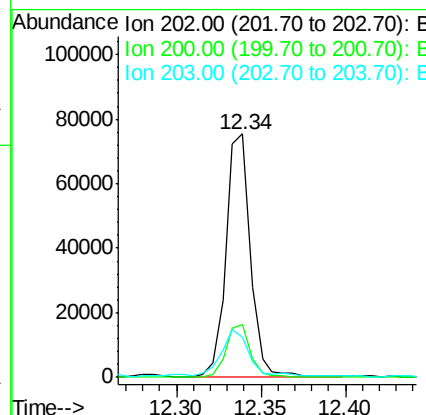
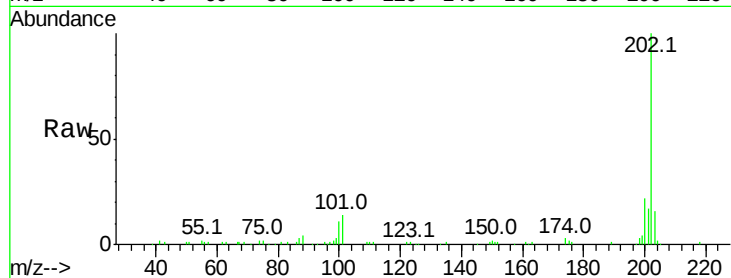
#77
Pvrene
Concen: 5.481 ng
RT: 12.34 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Instrument :
BNA_F
ClientSampleId :
L-1338-B-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.9	17.6	26.4
203	16.4	14.4	21.6

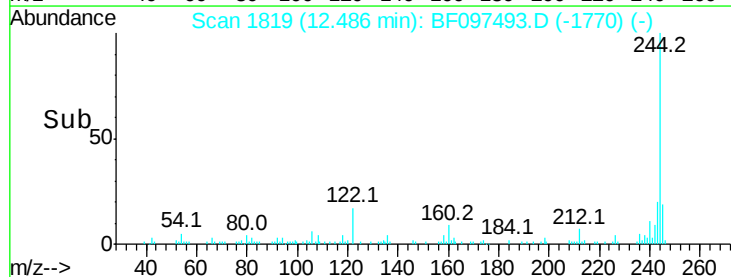
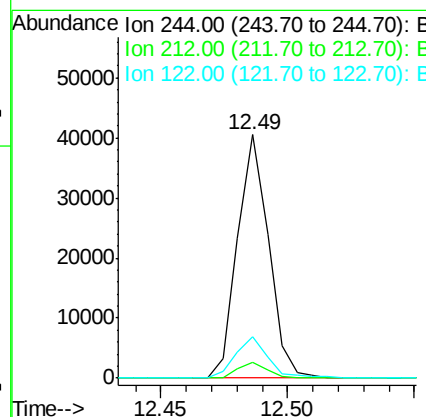
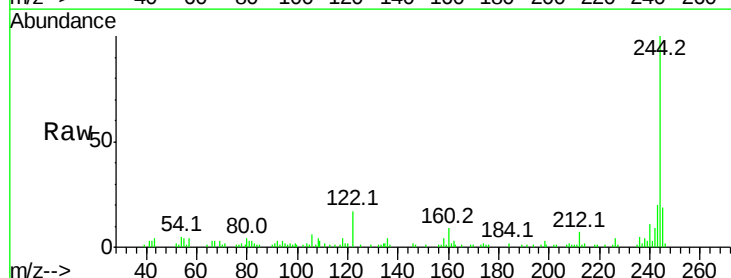
Manual Integrations
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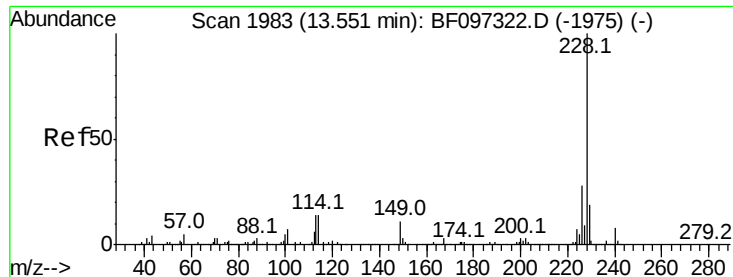
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#78
Terphenyl-d14
Concen: 4.119 ng
RT: 12.49 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	6.0	9.0
122	16.8	10.3	15.5





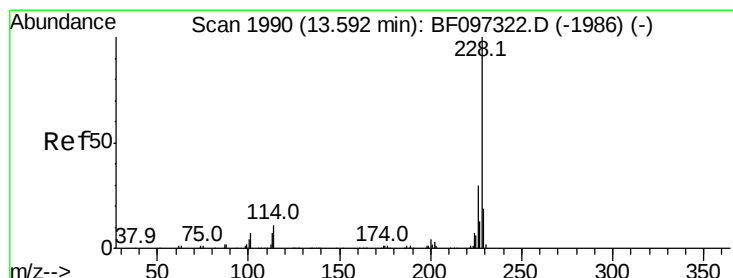
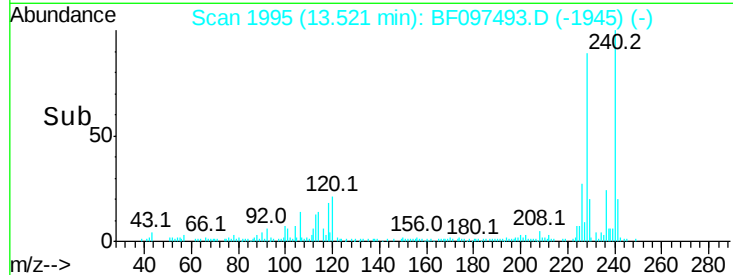
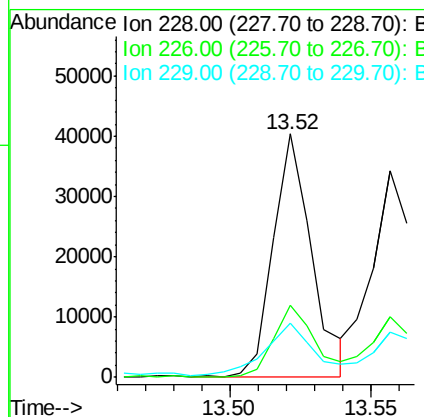
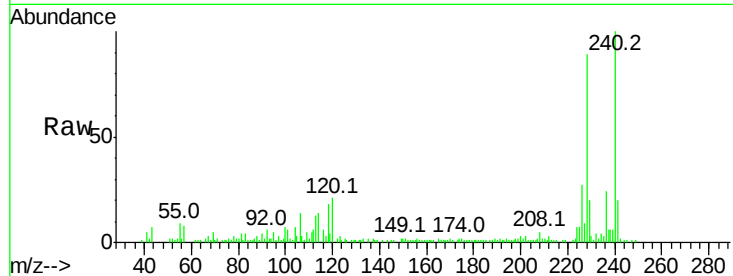
#80
Benzo(a)anthracene
Concen: 3.468 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Instrument :
BNA_F
ClientSampleId :
L-1338-B-COMP

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.8	22.6	33.8	
229	22.4	16.3	24.5	

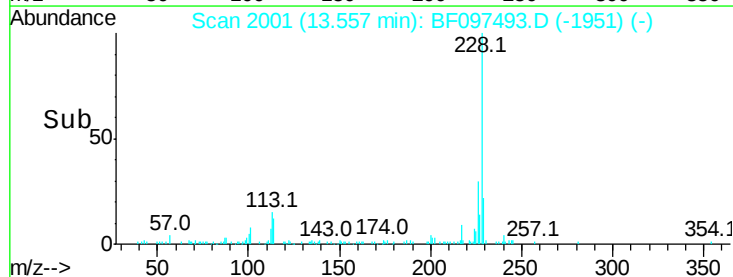
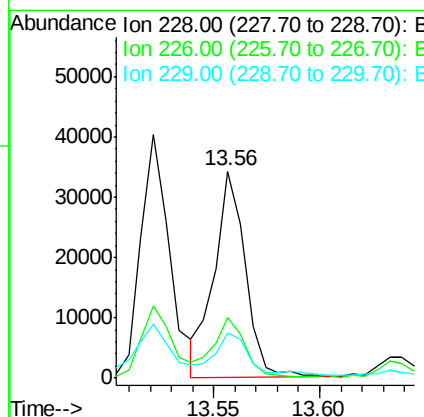
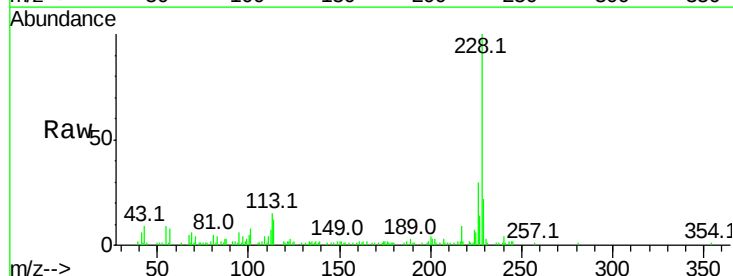
Manual Integrations
APPROVED

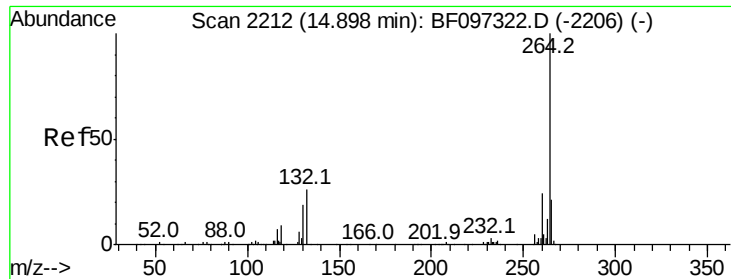
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#82
Chrysene
Concen: 3.237 ng
RT: 13.56 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.6	24.9	37.3	
229	22.0	15.8	23.6	





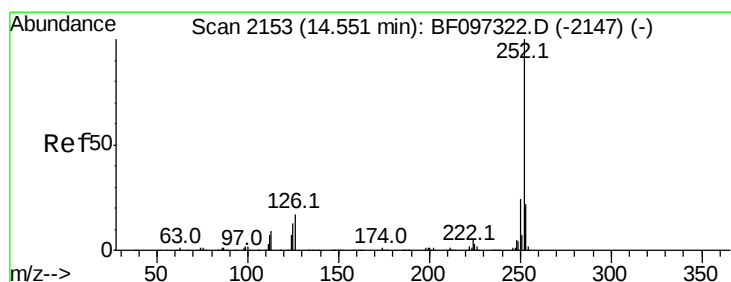
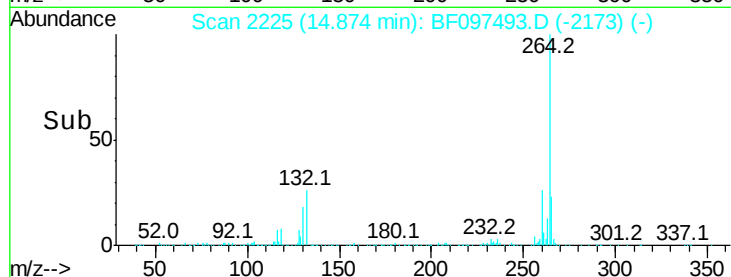
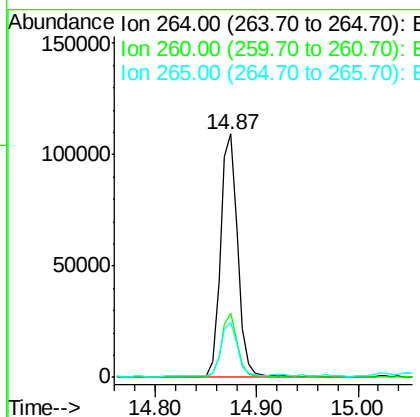
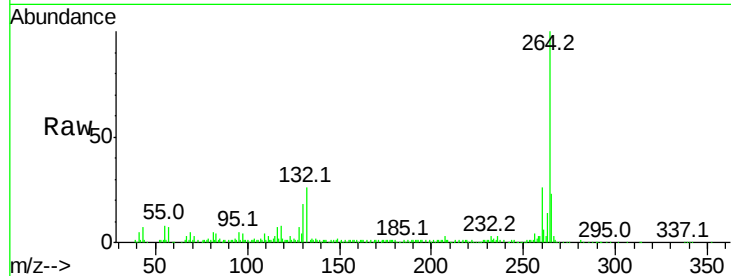
#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.87 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Instrument :
BNA_F
ClientSampled :
L-1338-B-COMP

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	26.5	19.5	29.3
265	22.9	17.2	25.8

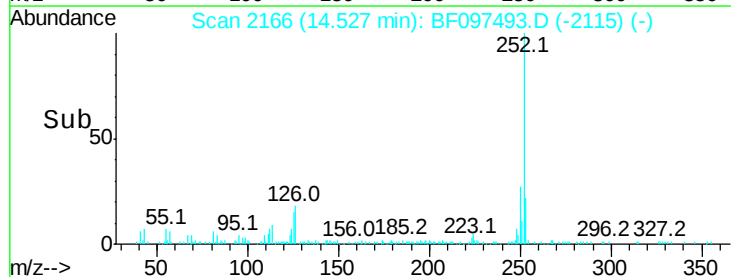
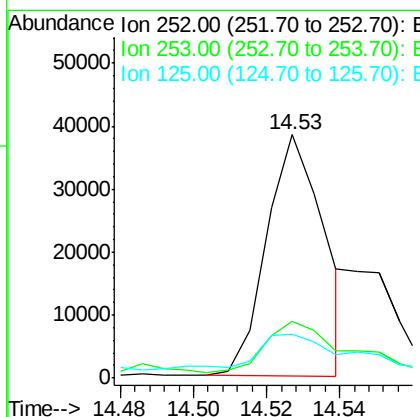
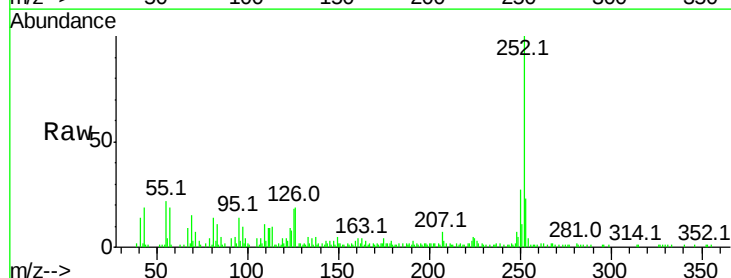
Manual Integrations
APPROVED

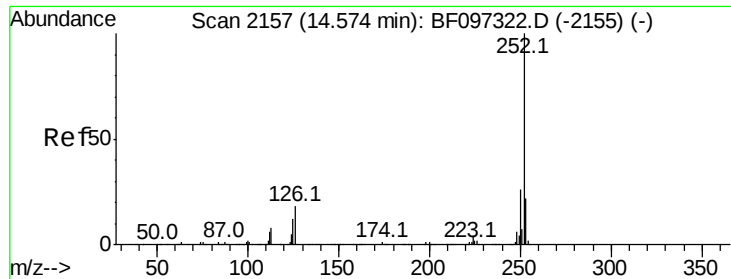
Sohil
8/9/2017 7:16:50 PM



#87
Benzo(b)fluoranthene
Concen: 5.430 ng m
RT: 14.53 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.3	18.1	27.1
125	18.0	9.8	14.8#





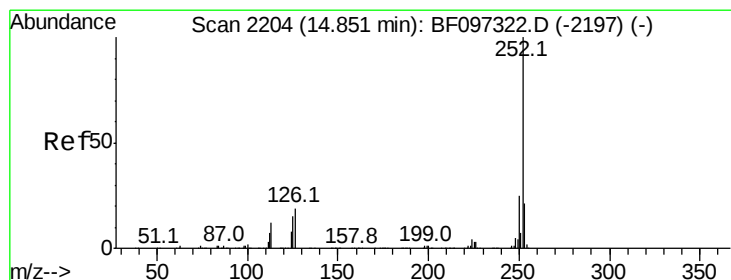
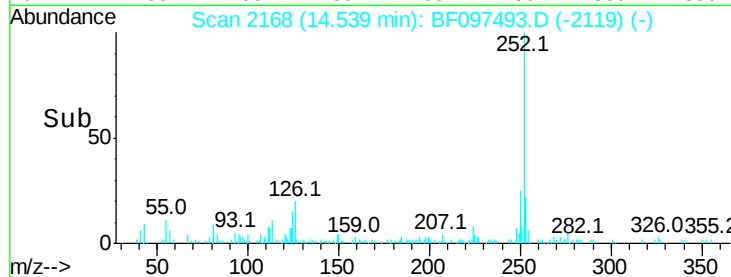
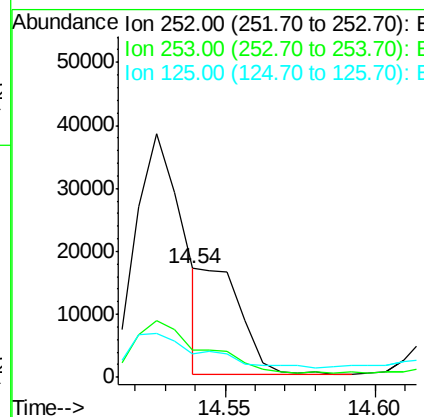
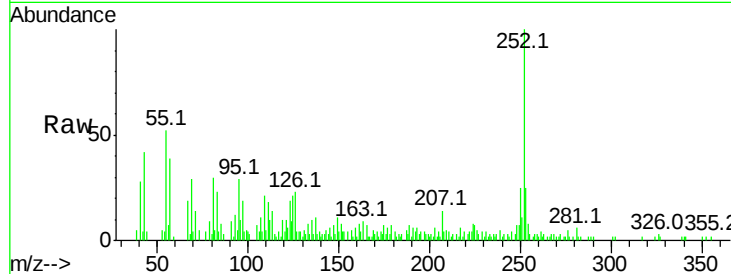
#88
Benzo(k)fluoranthene
Concen: 2.127 ng
RT: 14.54 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Instrument :
BNA_F
ClientSampled :
L-1338-B-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.4	27.6
125	21.4	13.1	19.7

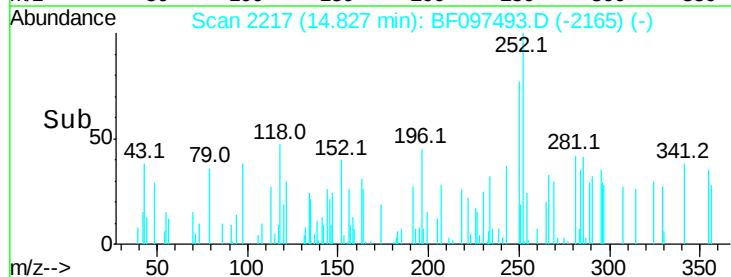
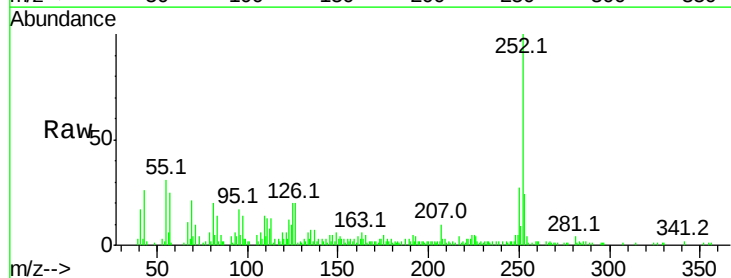
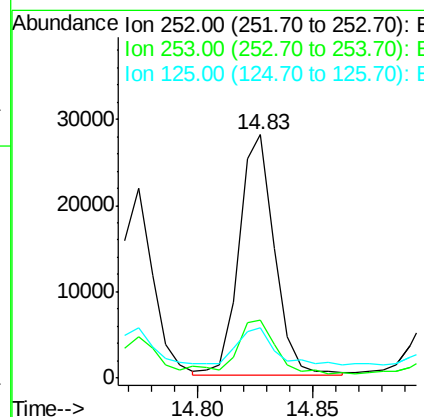
Manual Integrations
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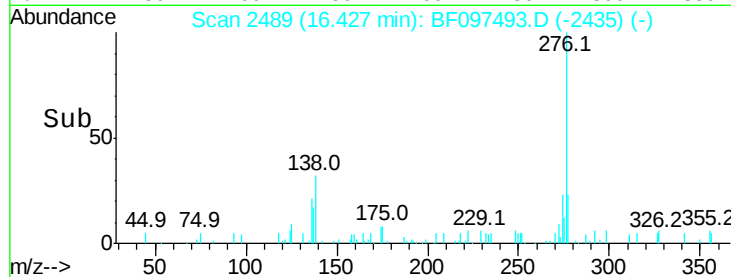
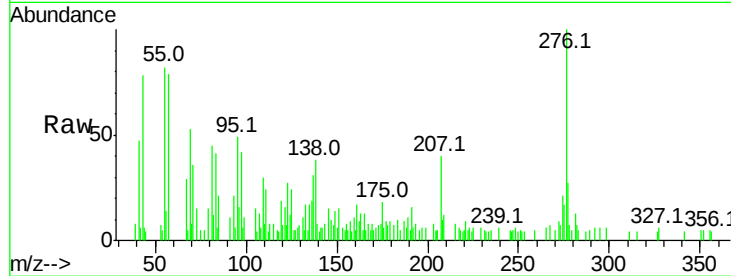
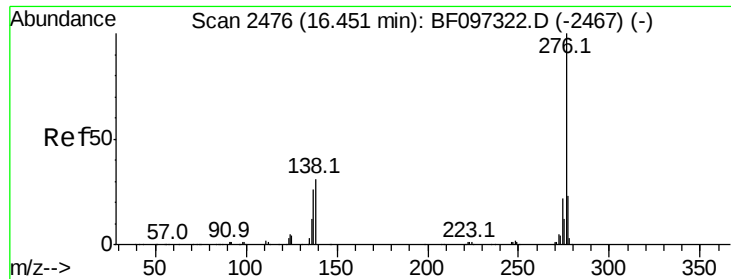
Sohil
8/9/2017 7:16:50 PM



#89
Benzo(a)pyrene
Concen: 4.211 ng
RT: 14.83 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	20.4	11.0	16.4





#91

Benzo(a,h,i)perylene

Concen: 2.503 ng

RT: 16.43 min Scan# 2489

Delta R.T. 0.02 min

Lab File: BF097493.D

Acq: 9 Aug 2017 2:47

Instrument :

BNA_F

ClientSampleId :

L-1338-B-COMP

Tot Ion: 276 Resp: 15200

Ion Ratio Lower Upper

276 100

277 26.6 18.6 28.0

138 38.3 25.4 38.0#

Manual Integrations
APPROVED

Sohil
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