

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097488.D
 Acq On : 9 Aug 2017 00:27
 Operator : SJ/JU
 Sample : I4657-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-080717-A

Manual Integrations
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Sohil
 8/9/2017 7:16:39 PM

Quant Time: Aug 09 02:29:48 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	105703	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	441561	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	159070	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	237029	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	192156	20.00	ng	-0.01
86) Perylene-d12	14.87	264	163080	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	457652	65.27	ng	0.00
7) Phenol-d6	6.07	99	532756	66.55	ng	-0.01
23) Nitrobenzene-d5	6.97	82	288691	38.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	87365	69.51	ng	-0.01
44) 2-Fluorobiphenyl	8.76	172	484399	51.68	ng	-0.01
78) Terphenyl-d14	12.49	244	296195	31.43	ng	-0.01
Target Compounds						
10) Phenol	6.09	94	20263	2.134	ng	Qvalue # 61
49) Dimethylphthalate	9.17	163	126135	10.442	ng	99
74) Fluoranthene	12.11	202	58492	4.701	ng	99
77) Pyrene	12.33	202	60786	3.864	ng	97
87) Benzo(b)fluoranthene	14.53	252	26144m	2.667	ng	
89) Benzo(a)pyrene	14.82	252	20508	2.286	ng	# 84

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

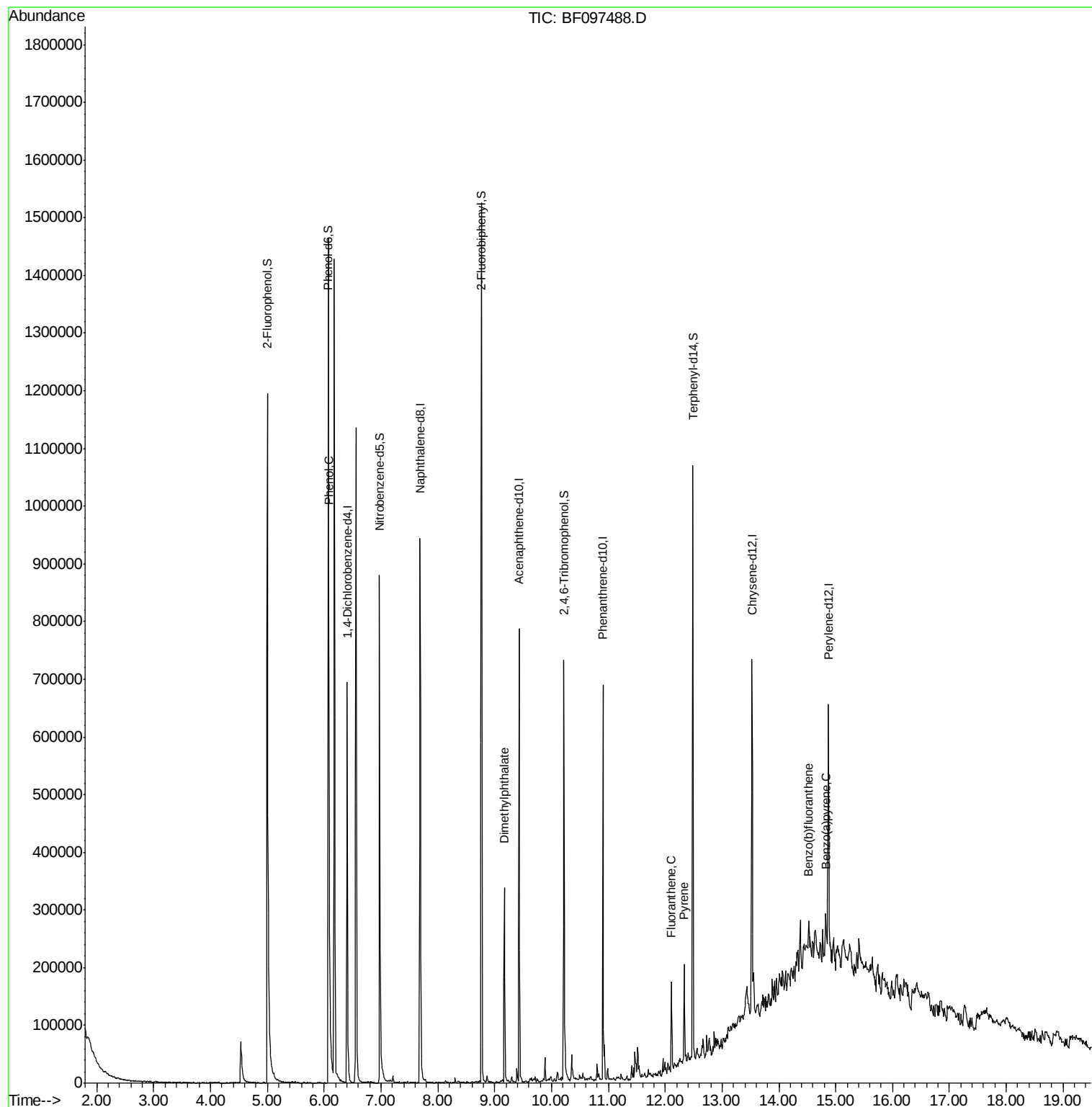
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
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ALS Vial : 14 Sample Multiplier: 1

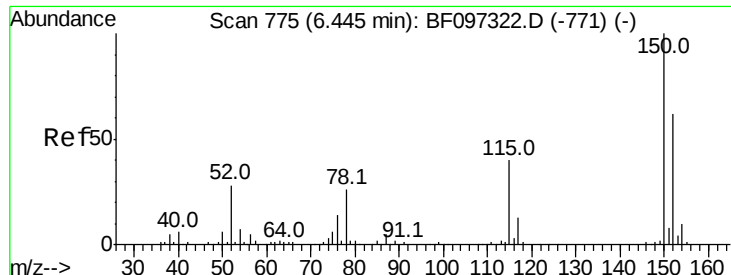
Instrument :
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CL-01-080717-A

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#1

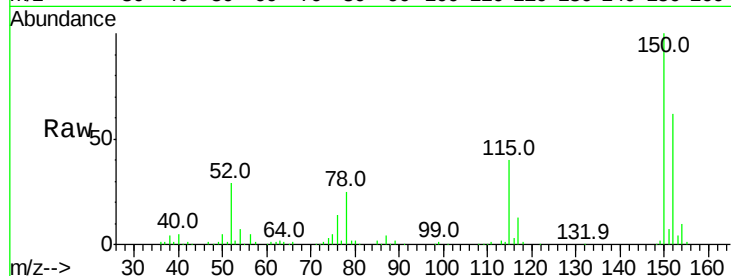
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097488.D
Acq: 9 Aug 2017 00:27

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	126.2	189.2
115	64.6	52.2	78.2

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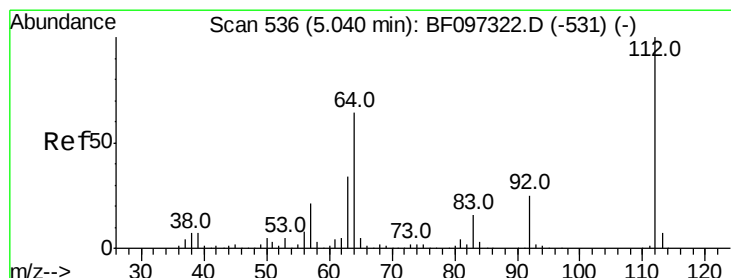
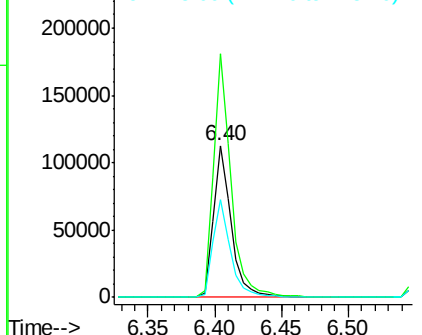
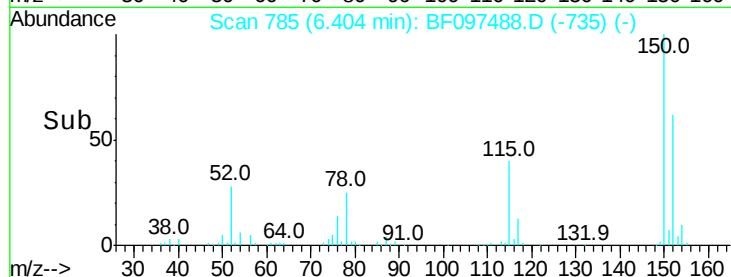


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

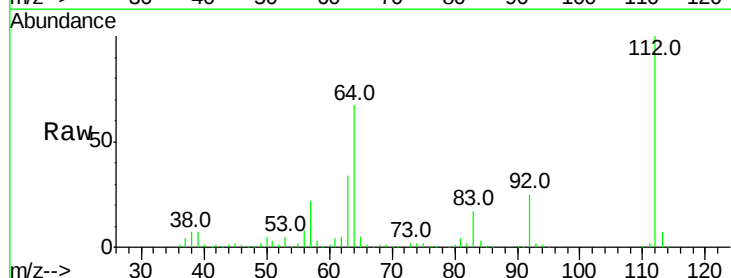
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 65.268 ng
RT: 5.00 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF097488.D
Acq: 9 Aug 2017 00:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	46.0	69.0
63	34.1	23.4	35.0

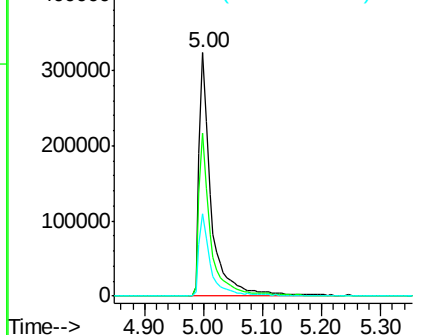
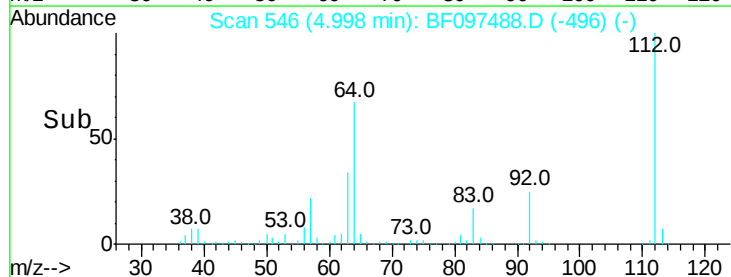


Abundance

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: 66.554 ng

RT: 6.07 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097488.D

Acq: 9 Aug 2017 00:27

Instrument :

BNA_F

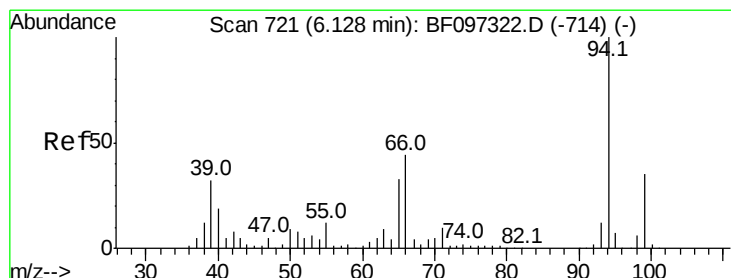
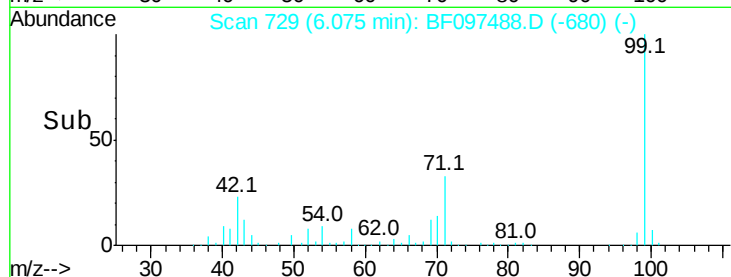
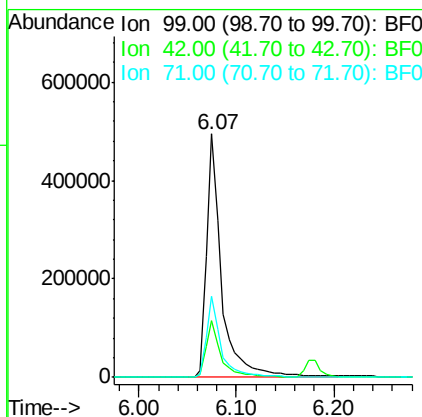
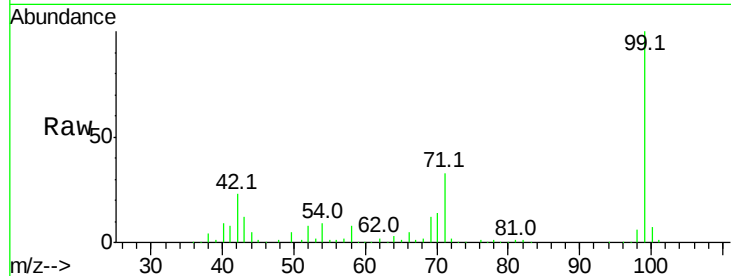
ClientSampleId :

CL-01-080717-A

Tot Ion:	99	Resp:	532756
Ion Ratio	Lower	Upper	
99	100		
42	23.4	13.5	20.3#
71	33.1	24.5	36.7

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#10

Phenol

Concen: 2.134 ng

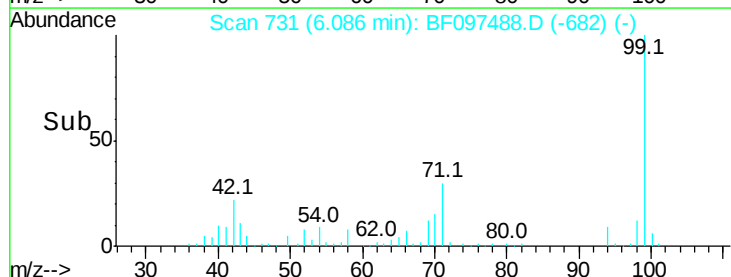
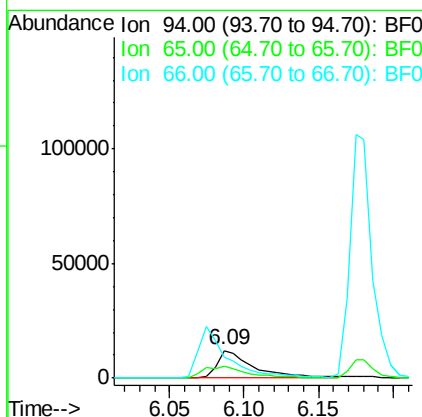
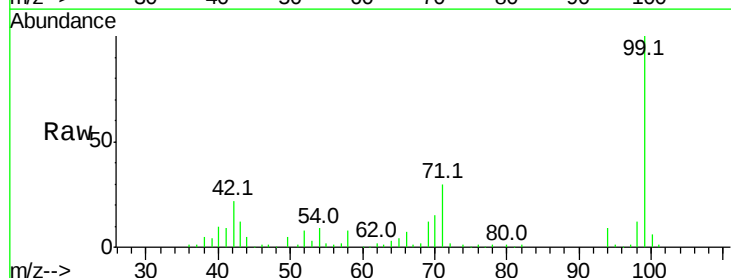
RT: 6.09 min Scan# 731

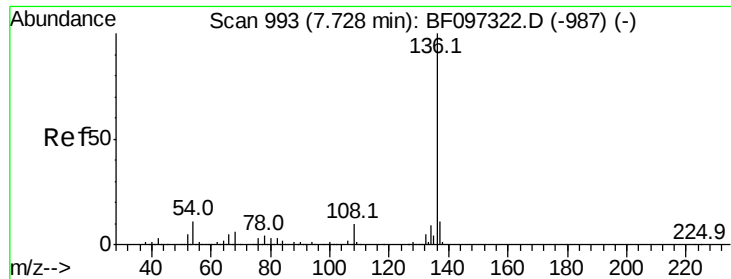
Delta R.T. -0.01 min

Lab File: BF097488.D

Acq: 9 Aug 2017 00:27

Tgt Ion:	94	Resp:	20263
Ion Ratio	Lower	Upper	
94	100		
65	40.9	9.9	49.9
66	76.2	23.1	63.1#





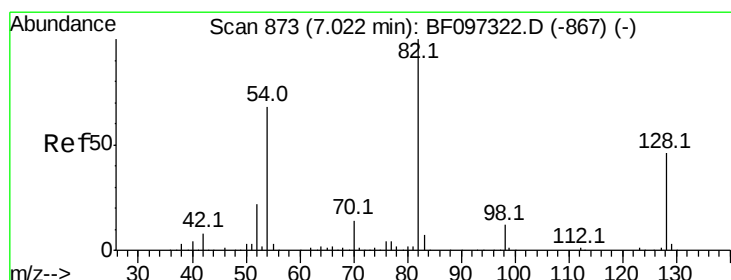
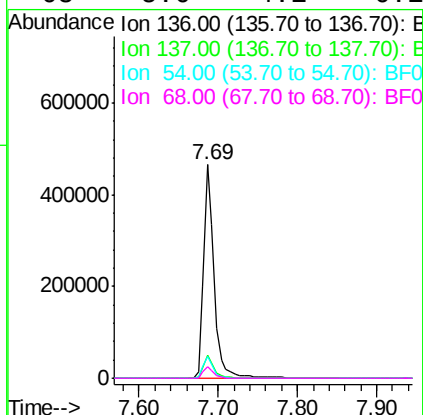
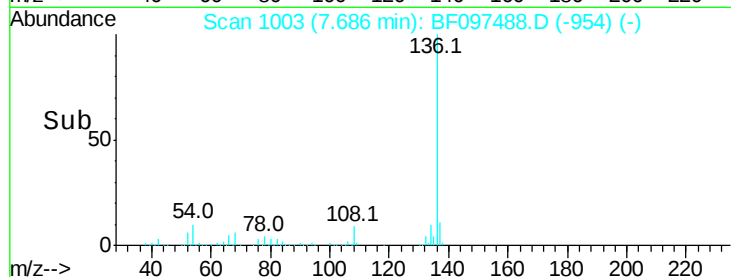
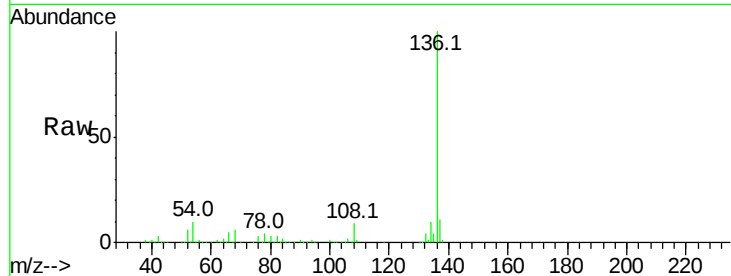
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.69 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF097488.D
Acq: 9 Aug 2017 00:27

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-A

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.5	12.7	
54	10.4	4.9	7.3	
68	5.6	4.1	6.1	

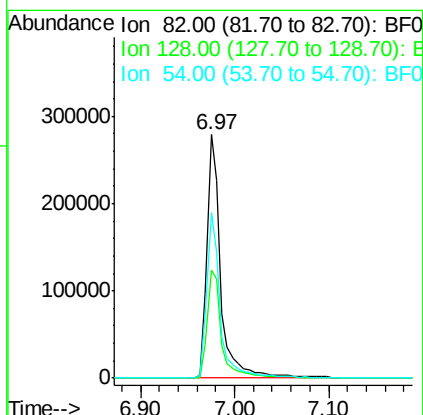
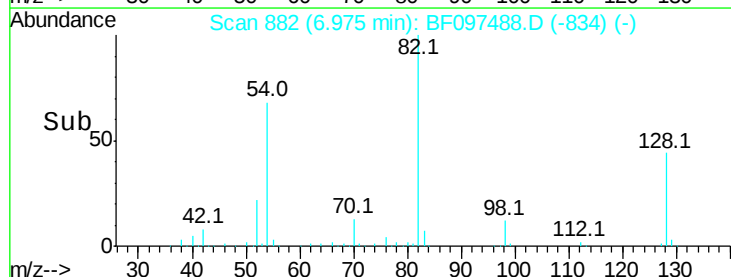
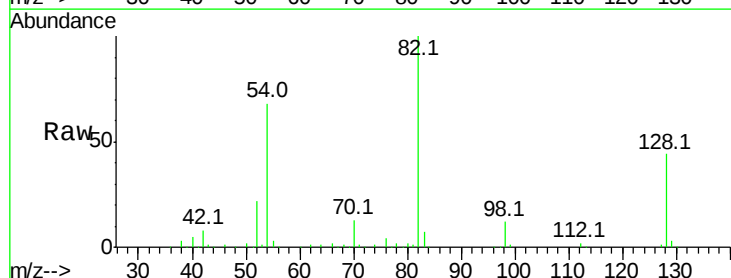
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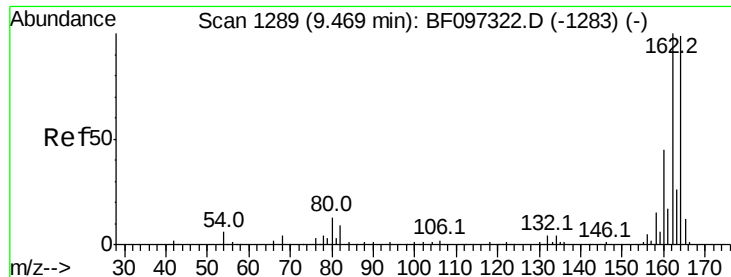
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#23
Nitrobenzene-d5
Concen: 38.354 ng
RT: 6.97 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF097488.D
Acq: 9 Aug 2017 00:27

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.5	34.0	51.0	
54	68.2	42.2	63.2	





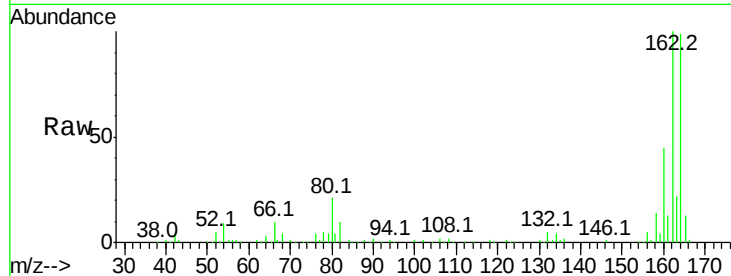
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.43 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF097488.D
Acq: 9 Aug 2017 00:27

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-A

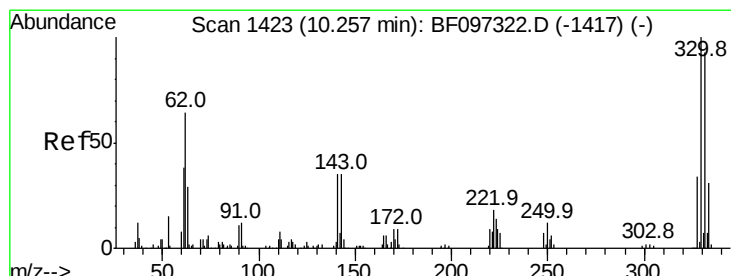
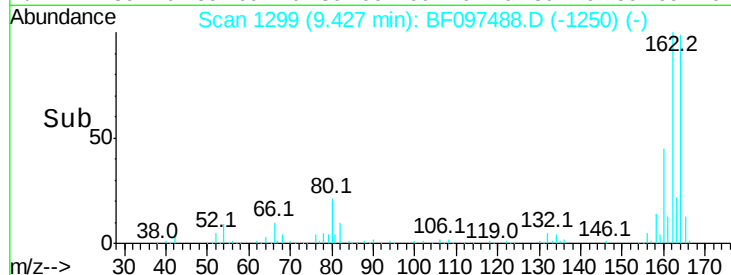
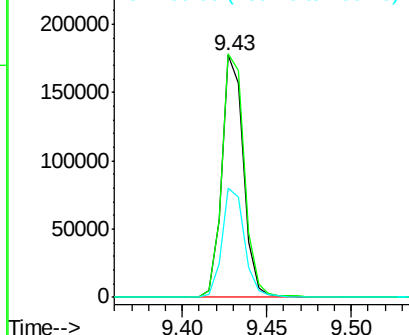
Tot Ion	Ratio	Resp	Lower	Upper
164	100	159070		
162	100.6	82.6	123.8	
160	45.1	36.2	54.2	

Manual Integrations
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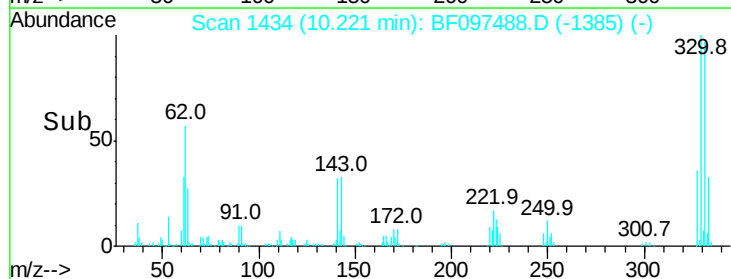
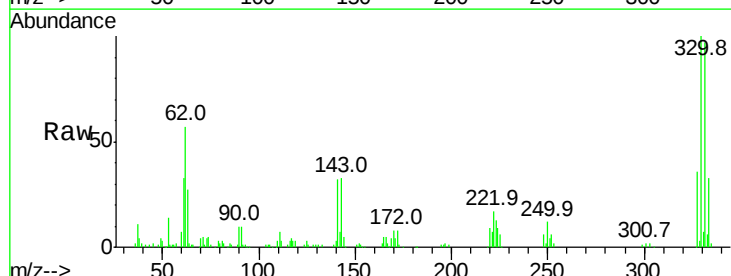
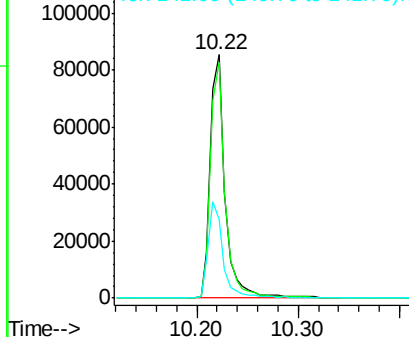
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

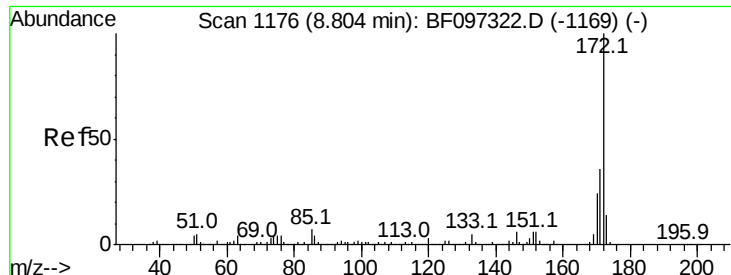


#41
2,4,6-Tribromophenol
Concen: 69.513 ng
RT: 10.22 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF097488.D
Acq: 9 Aug 2017 00:27

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	87365		
332	95.6	76.6	115.0	
141	39.4	31.4	47.2	

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





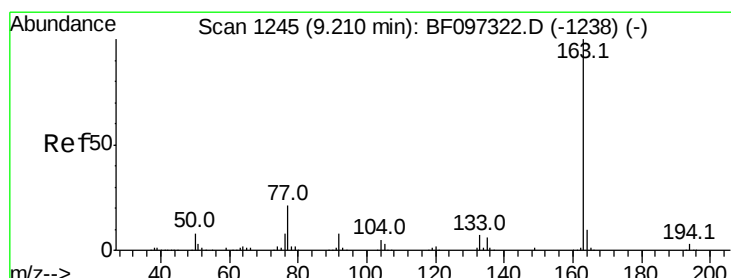
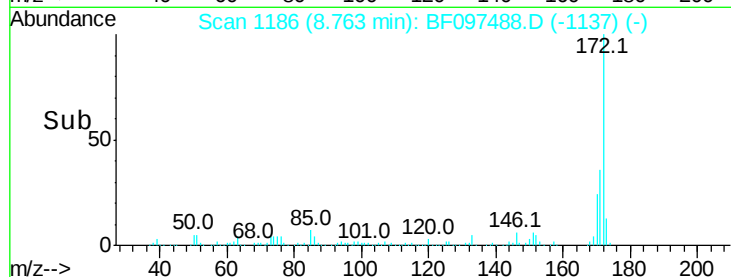
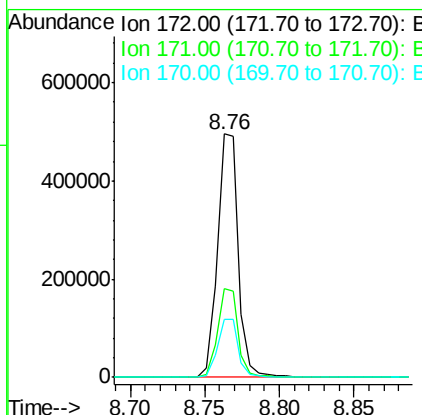
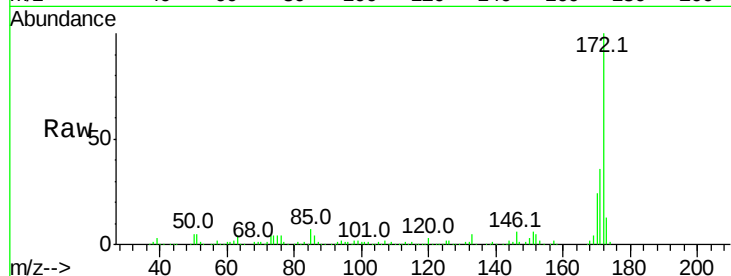
#44
2-Fluorobiphenyl
Concen: 51.680 ng
RT: 8.76 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF097488.D
Acq: 9 Aug 2017 00:27

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-A

Tot Ion	Ratio	Resp	Lower	Upper
172	100	484399		
171	36.3		29.6	44.4
170	24.0		19.8	29.8

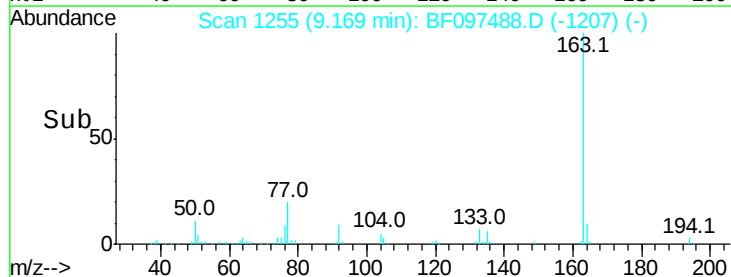
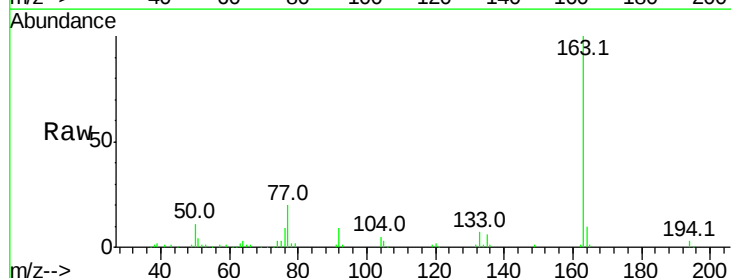
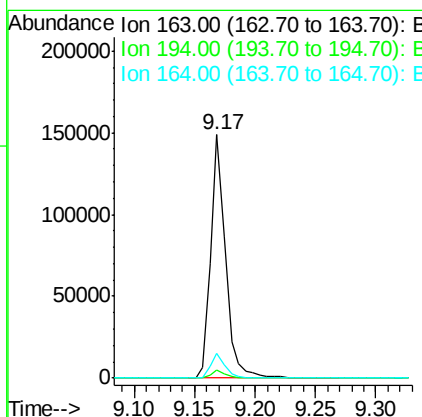
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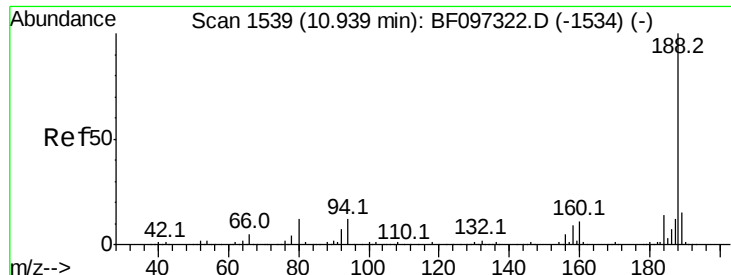
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#49
Dimethylphthalate
Concen: 10.442 ng
RT: 9.17 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF097488.D
Acq: 9 Aug 2017 00:27

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	126135		
194	3.3		2.6	4.0
164	10.2		8.4	12.6





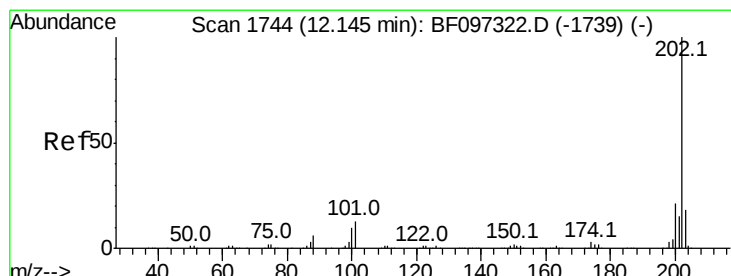
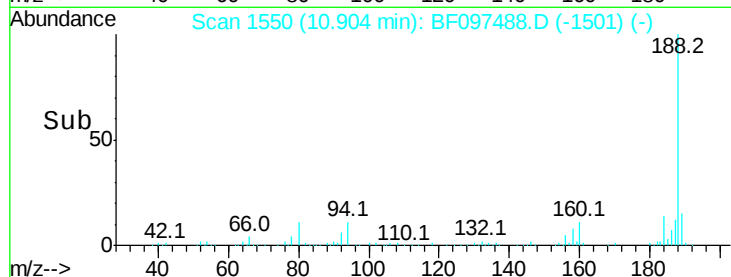
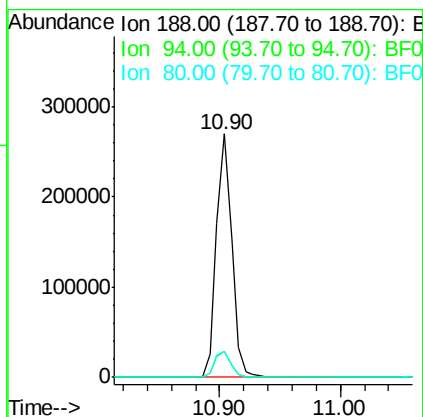
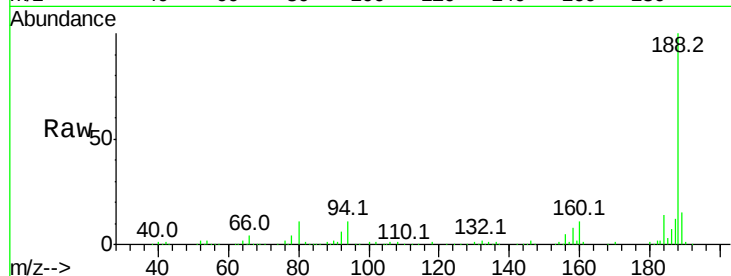
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097488.D
Acq: 9 Aug 2017 00:27

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-A

Tot Ion	Ratio	Resp	Lower	Upper
188	100	237029		
94	10.9		9.4	14.2
80	10.9		10.2	15.2

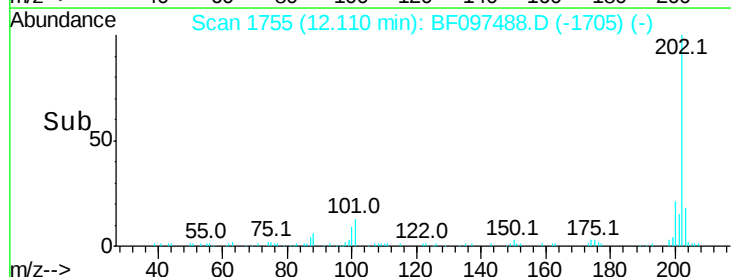
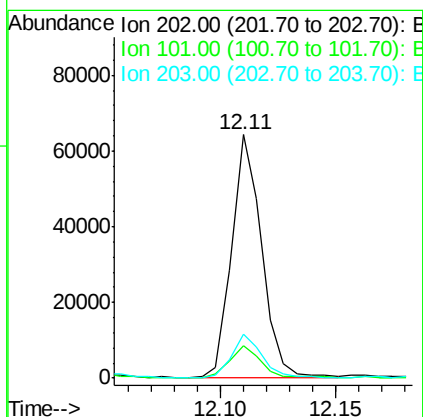
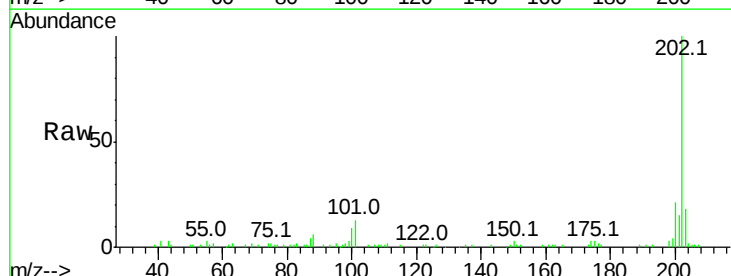
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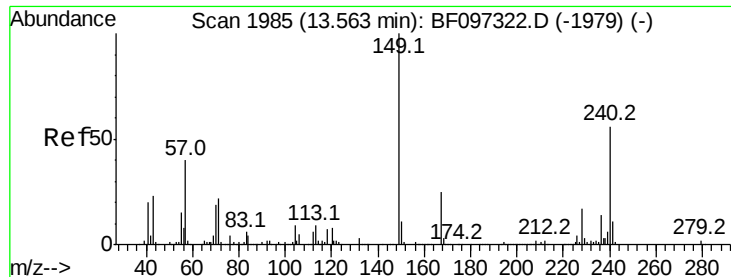
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#74
Fluoranthene
Concen: 4.701 ng
RT: 12.11 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF097488.D
Acq: 9 Aug 2017 00:27

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	58492		
101	13.4		0.0	33.2
203	17.8		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.53 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF097488.D

Acq: 9 Aug 2017 00:27

Instrument :

BNA_F

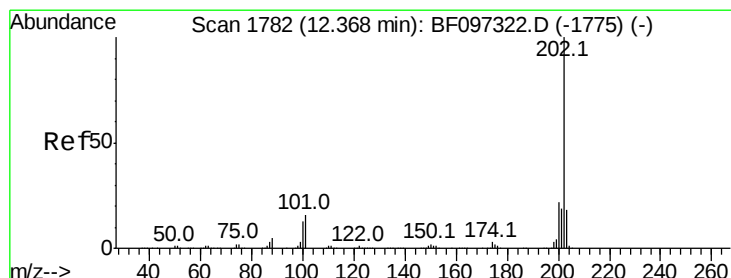
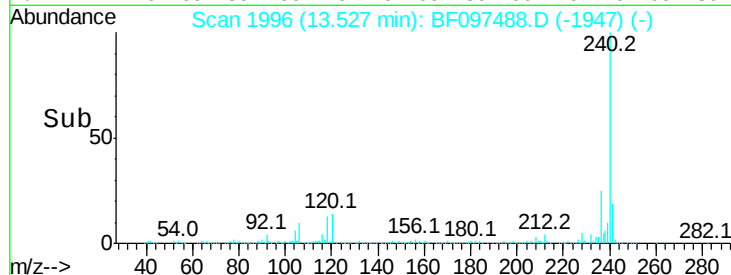
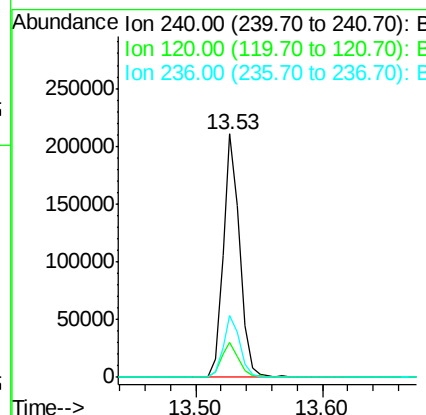
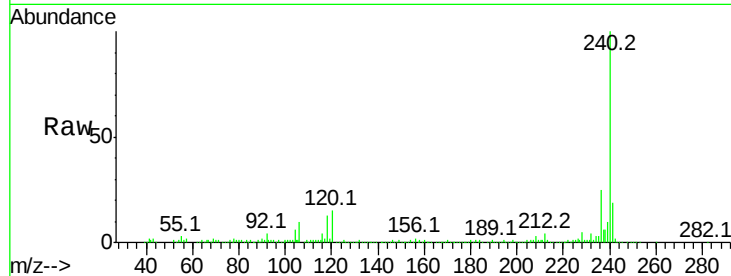
ClientSampleId :

CL-01-080717-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	25.2	20.5	30.7

Manual Integrations
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#77

Pyrene

Concen: 3.864 ng

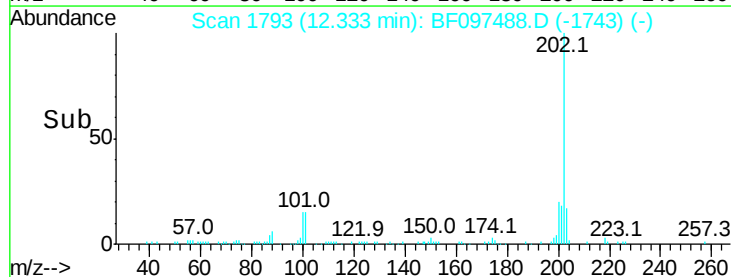
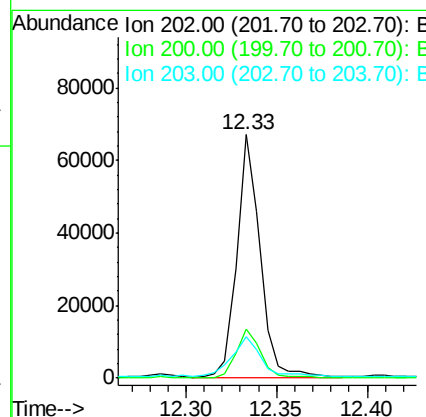
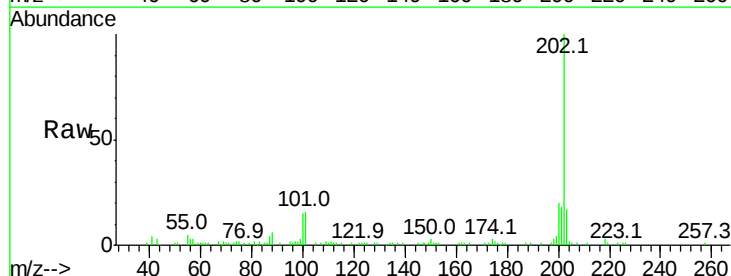
RT: 12.33 min Scan# 1793

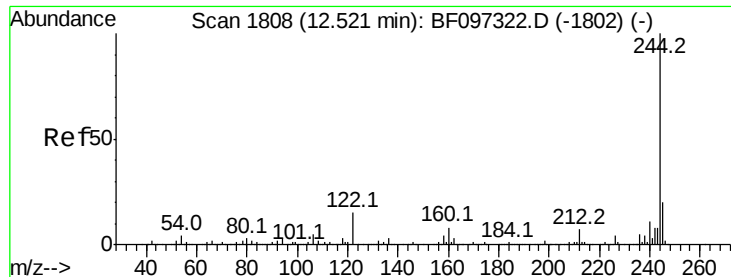
Delta R.T. -0.01 min

Lab File: BF097488.D

Acq: 9 Aug 2017 00:27

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.6	26.4
203	17.1	14.4	21.6





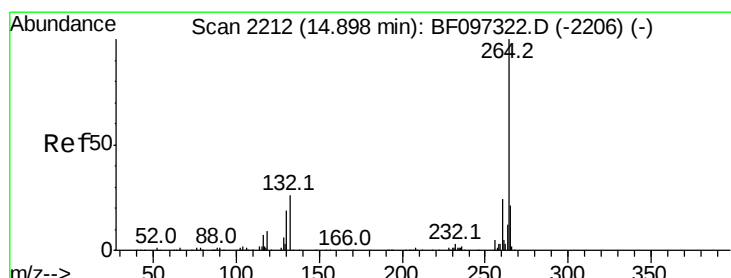
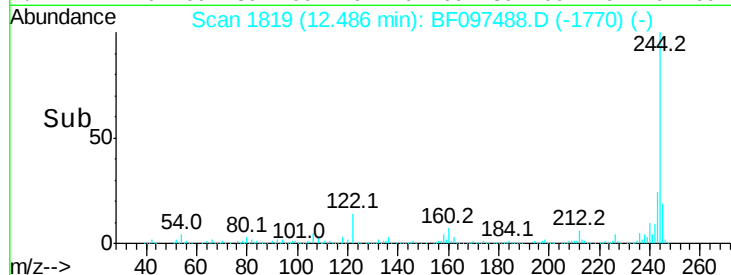
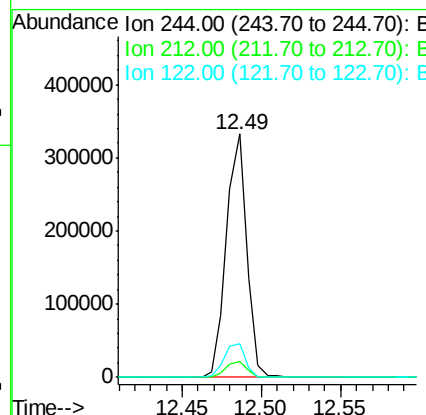
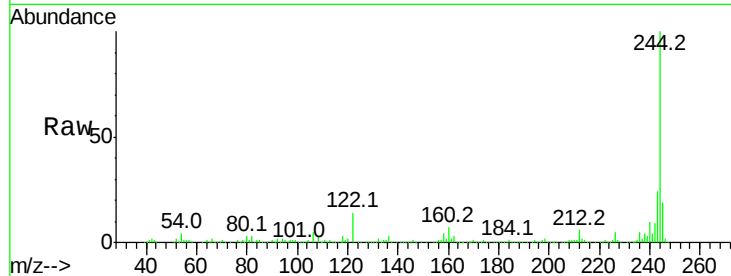
#78
 Terphenyl-d14
 Concen: 31.427 ng
 RT: 12.49 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BF097488.D
 Acq: 9 Aug 2017 00:27

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-080717-A

Tot Ion	Ratio	Resp	Lower	Upper
244	100	296195		
212	6.4		6.0	9.0
122	13.8		10.3	15.5

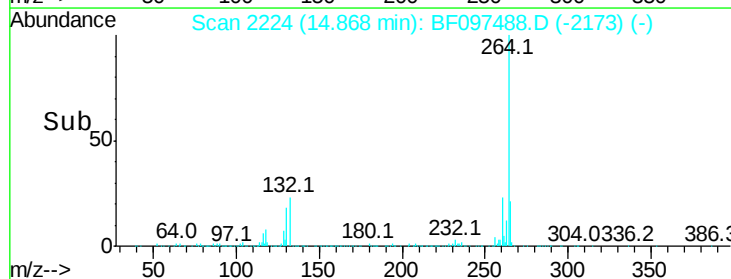
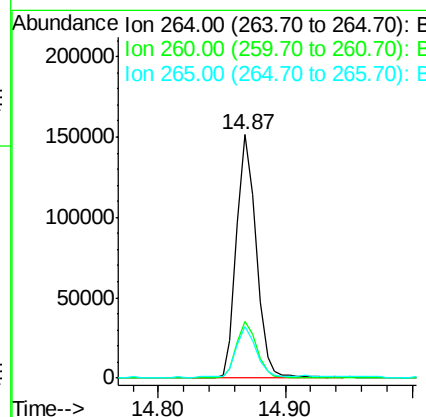
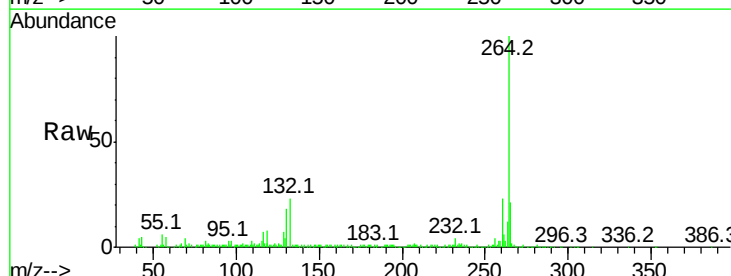
Manual Integrations
 APPROVED

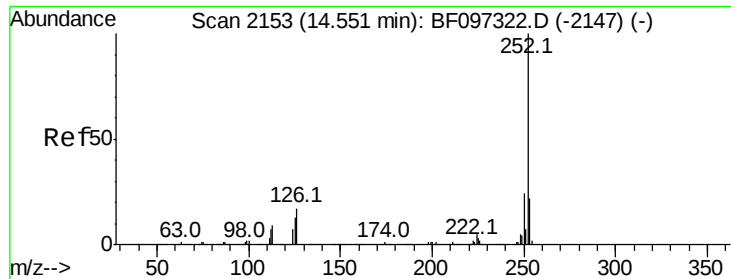
Sohil
 8/9/2017 7:16:39 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.87 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BF097488.D
 Acq: 9 Aug 2017 00:27

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	163080		
260	23.3		19.5	29.3
265	21.3		17.2	25.8





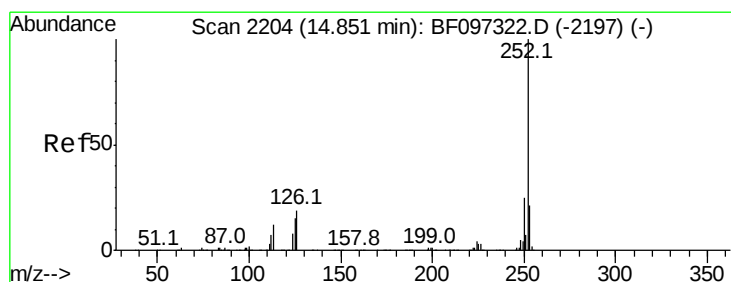
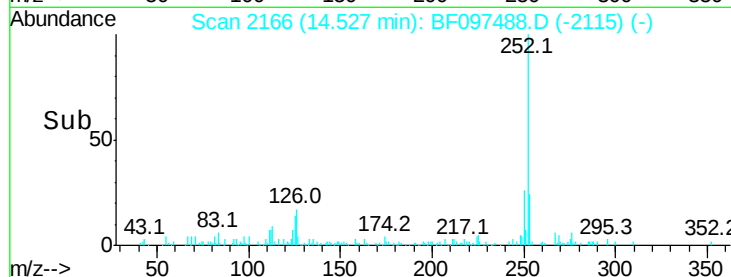
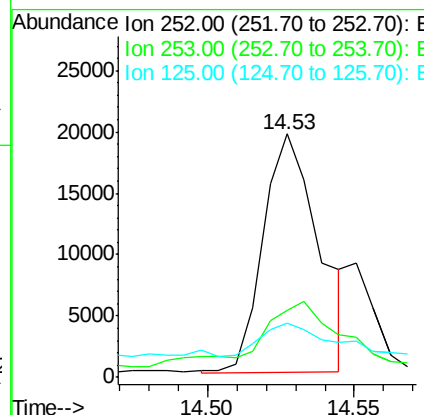
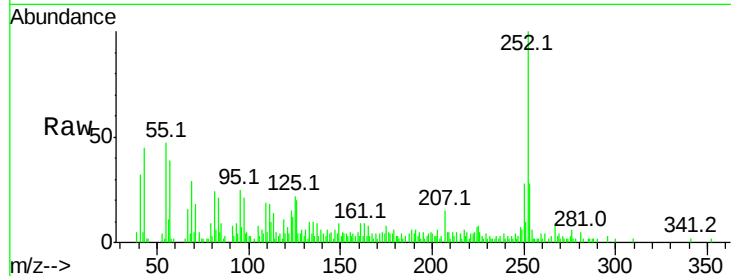
#87
Benzo(b)fluoranthene
Concen: 2.667 ng m
RT: 14.53 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BF097488.D
Acq: 9 Aug 2017 00:27

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.7	18.1	27.1#
125	22.1	9.8	14.8#

Manual Integrations
APPROVED

Sohil
8/9/2017 7:16:39 PM



#89
Benzo(a)pyrene
Concen: 2.286 ng
RT: 14.82 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF097488.D
Acq: 9 Aug 2017 00:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.5	26.3
125	24.9	11.0	16.4#

