

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097492.D
 Acq On : 9 Aug 2017 2:19
 Operator : SJ/JU
 Sample : I4657-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Aug 09 04:23:38 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	111844	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	425037	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	158835	20.00	ng	0.00
63) Phenanthrene-d10	10.90	188	260140	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	211162	20.00	ng	0.00
86) Perylene-d12	14.87	264	155046	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	628051	84.65	ng	0.00
7) Phenol-d6	6.08	99	733113	86.55	ng	0.00
23) Nitrobenzene-d5	6.98	82	400919	55.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	105380	83.97	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	543888	58.11	ng	0.00
78) Terphenyl-d14	12.49	244	388039	37.47	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.17	163	149196	12.369	ng	99
74) Fluoranthene	12.12	202	40832	2.990	ng	96
77) Pyrene	12.34	202	44067	2.549	ng	96
87) Benzo(b)fluoranthene	14.53	252	18935m	2.032	ng	

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

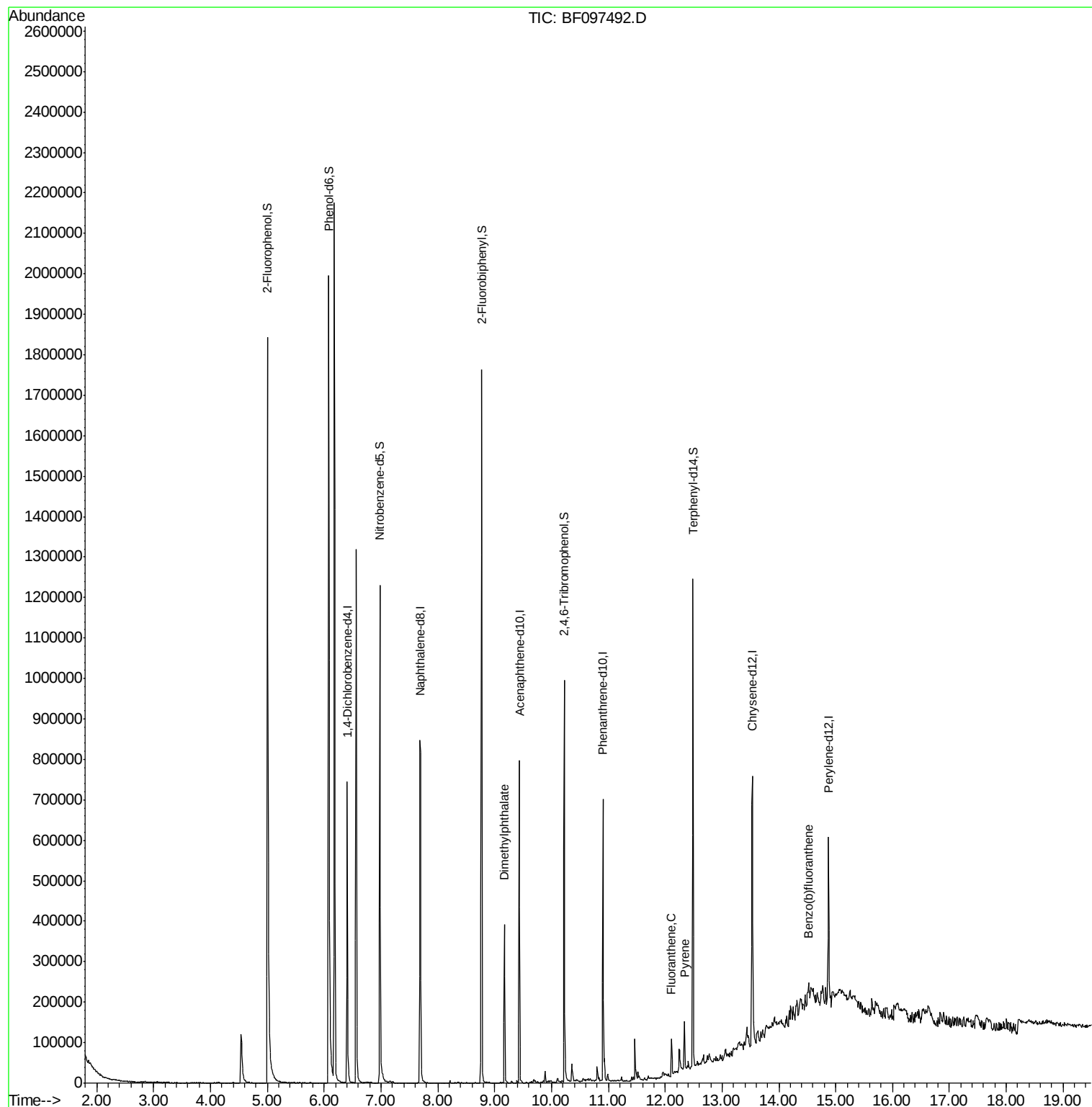
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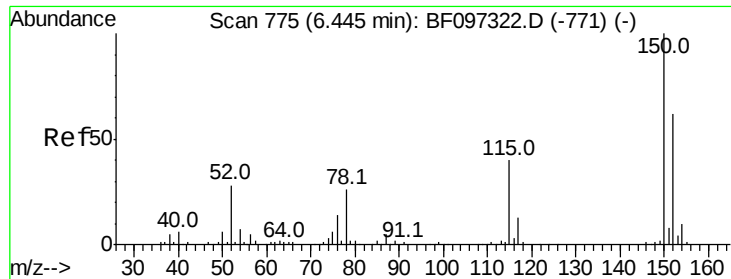
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#1

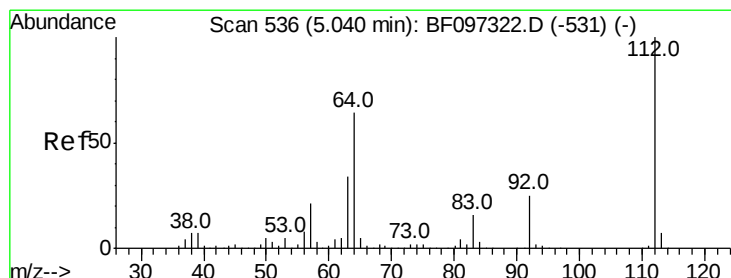
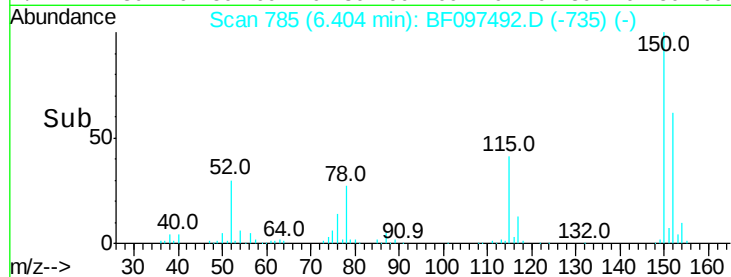
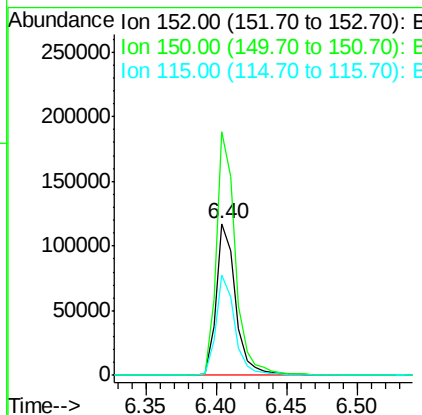
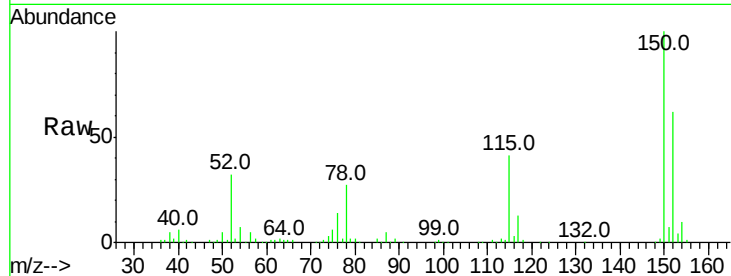
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097492.D
Acq: 9 Aug 2017 2:19

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	126.2	189.2
115	66.3	52.2	78.2

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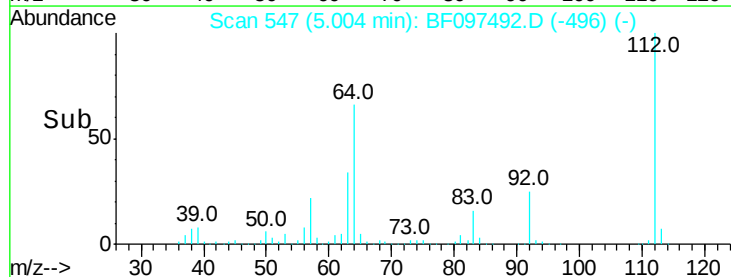
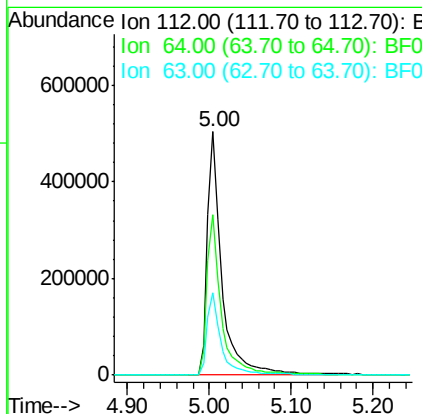
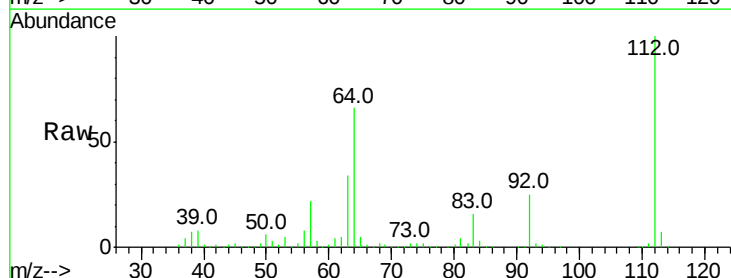
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#5

2-Fluorophenol
Concen: 84.652 ng
RT: 5.00 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF097492.D
Acq: 9 Aug 2017 2:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	46.0	69.0
63	33.9	23.4	35.0





#7

Phenol-d6

Concen: 86.555 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097492.D

Acq: 9 Aug 2017 2:19

Instrument :

BNA_F

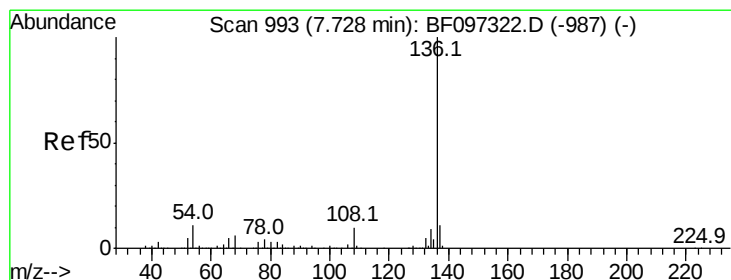
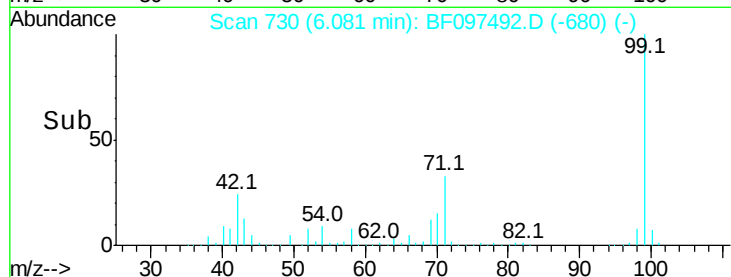
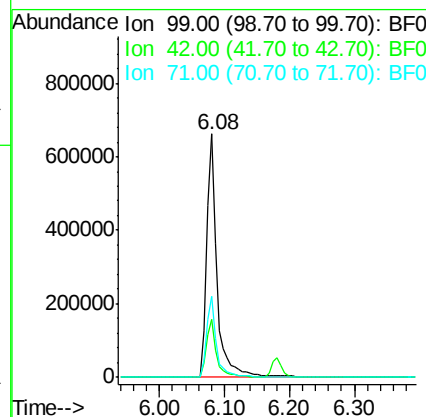
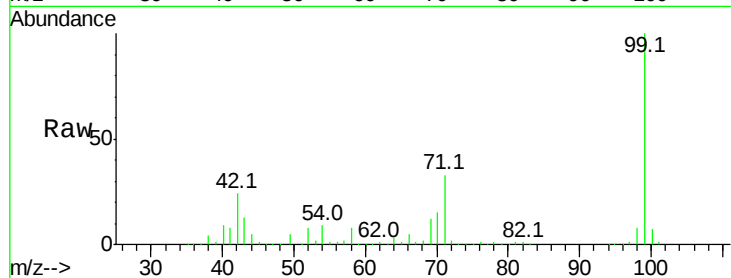
ClientSampleId :

CL-01-080717-B

Tot Ion:	99	Resp:	733113
Ion Ratio	Lower	Upper	
99	100		
42	24.1	13.5	20.3#
71	33.5	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

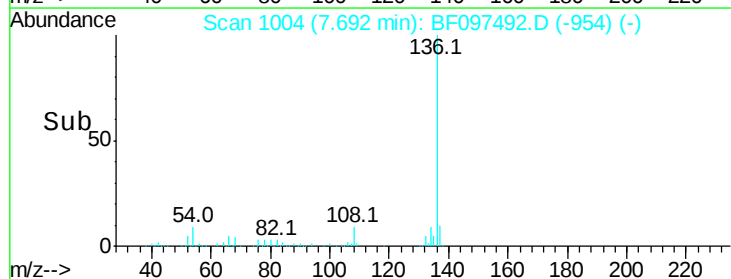
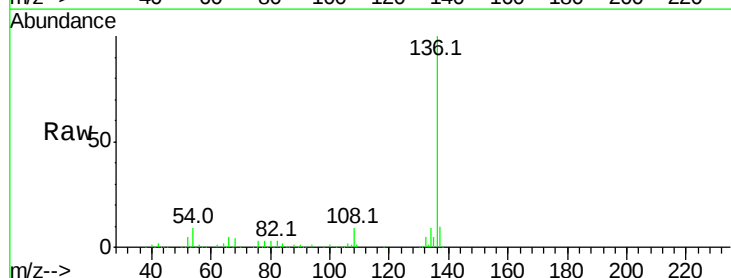
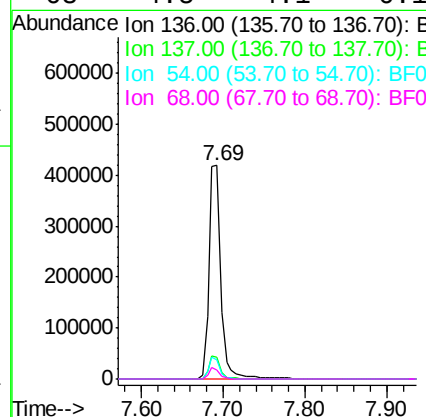
RT: 7.69 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF097492.D

Acq: 9 Aug 2017 2:19

Tgt Ion:	136	Resp:	425037
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.5	12.7
54	9.1	4.9	7.3#
68	4.5	4.1	6.1





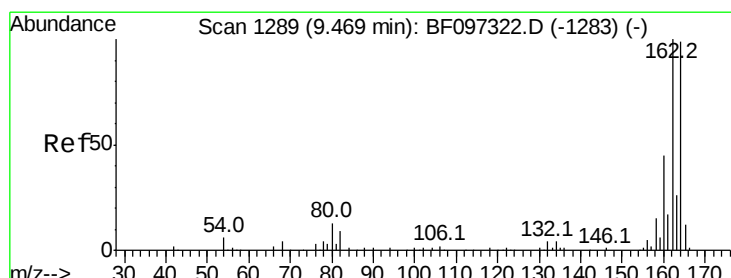
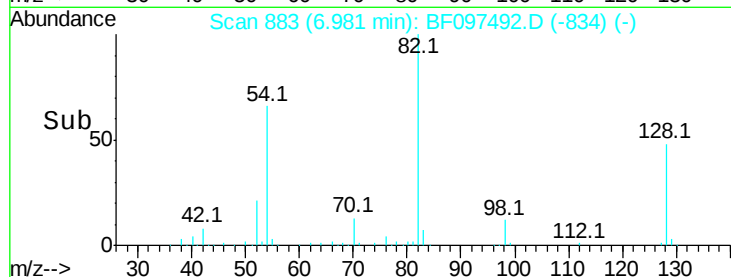
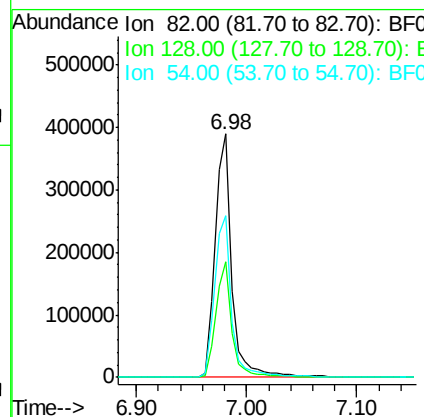
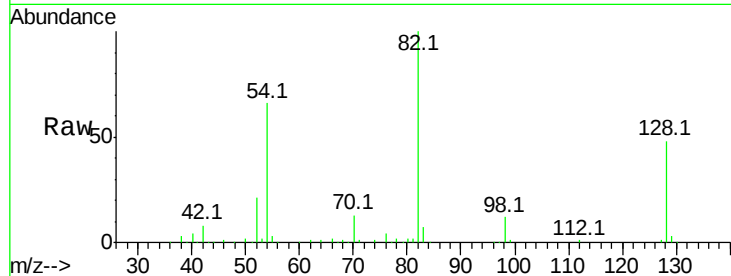
#23
 Nitrobenzene-d5
 Concen: 55.335 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF097492.D
 Acq: 9 Aug 2017 2:19

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.6	34.0	51.0	
54	66.2	42.2	63.2	

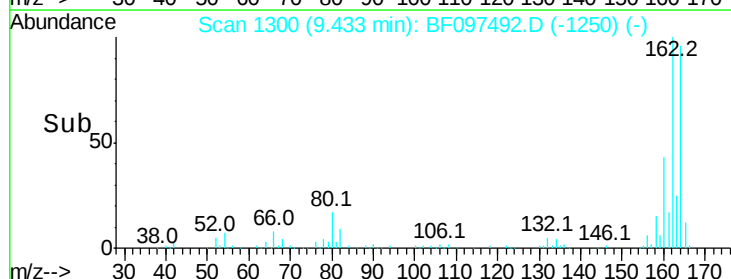
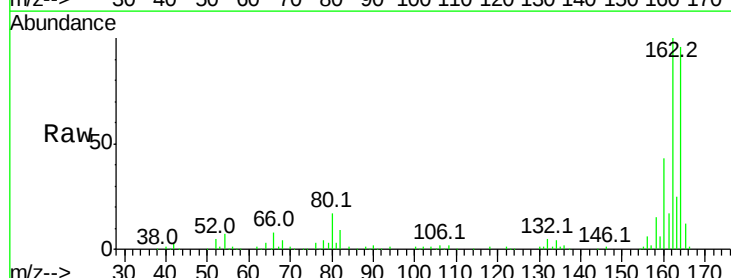
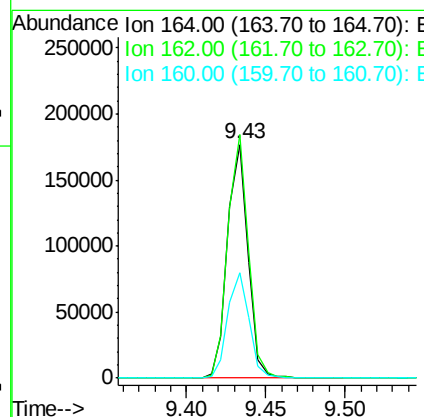
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF097492.D
 Acq: 9 Aug 2017 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.1	82.6	123.8	
160	44.8	36.2	54.2	





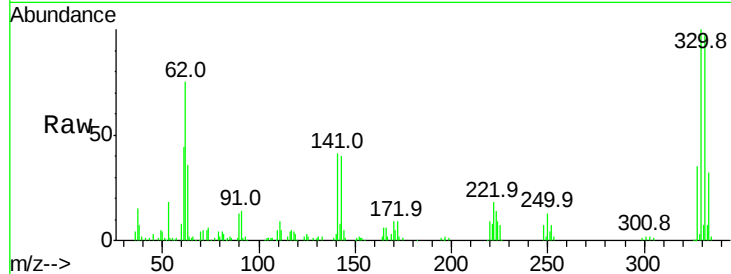
#41
 2,4,6-Tribromophenol
 Concen: 83.971 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097492.D
 Acq: 9 Aug 2017 2:19

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

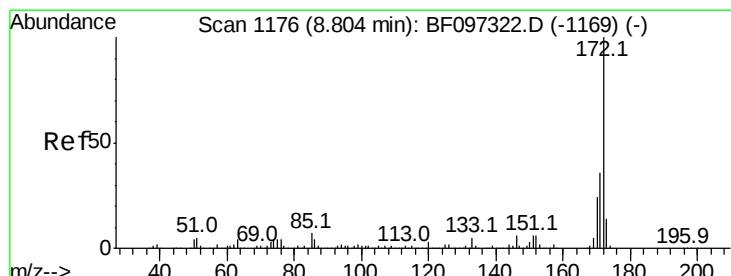
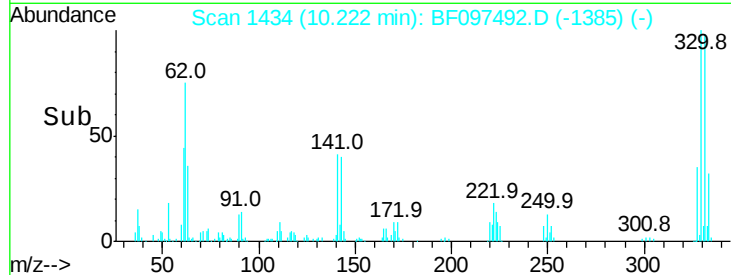
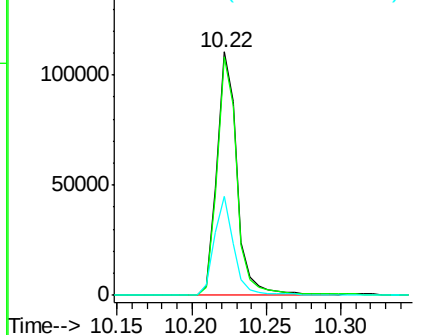
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.4	76.6	115.0	
141	39.4	31.4	47.2	

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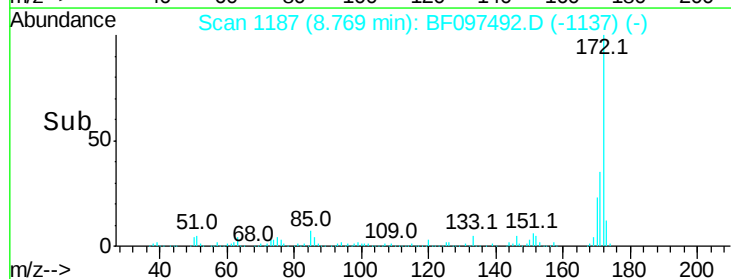
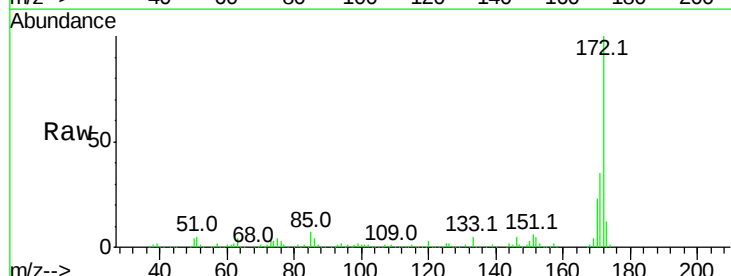
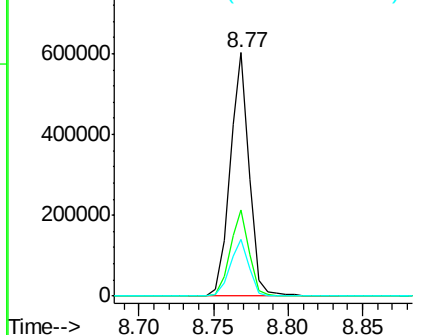
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

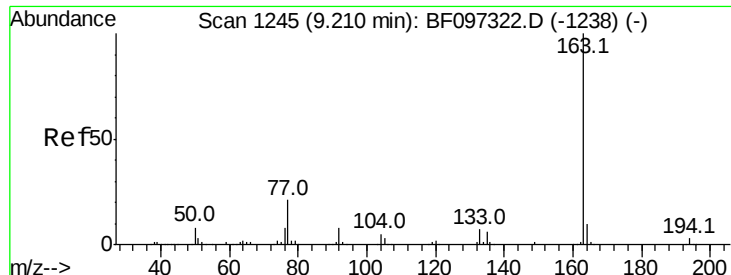


#44
 2-Fluorobiphenyl
 Concen: 58.113 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097492.D
 Acq: 9 Aug 2017 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.3	29.6	44.4	
170	23.4	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





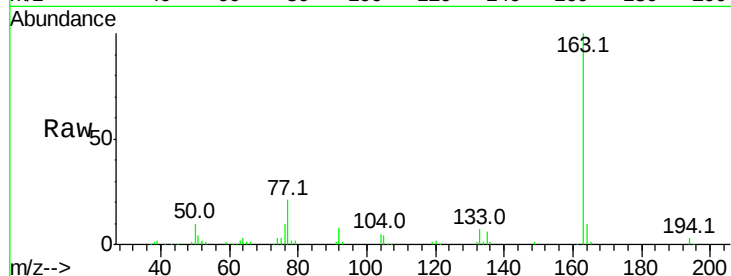
#49
Dimethylphthalate
Concen: 12.369 ng
RT: 9.17 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF097492.D
Acq: 9 Aug 2017 2:19

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

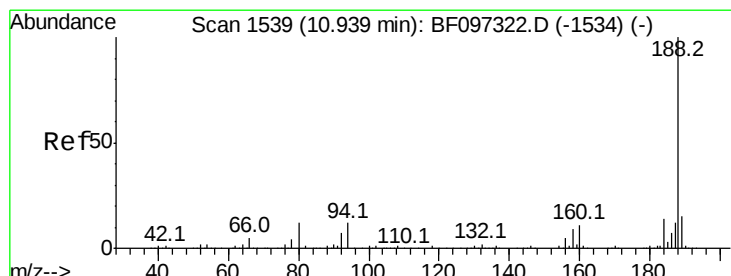
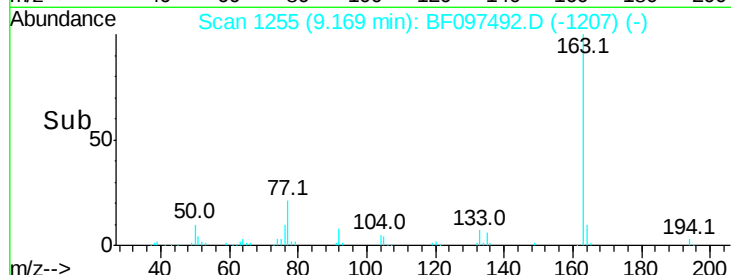
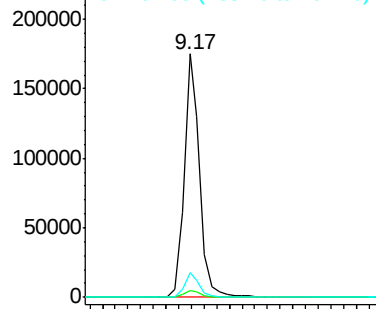
Tot Ion	Ratio	Resp	Lower	Upper
163	100	149196		
194	3.0	2.6	4.0	
164	10.2	8.4	12.6	

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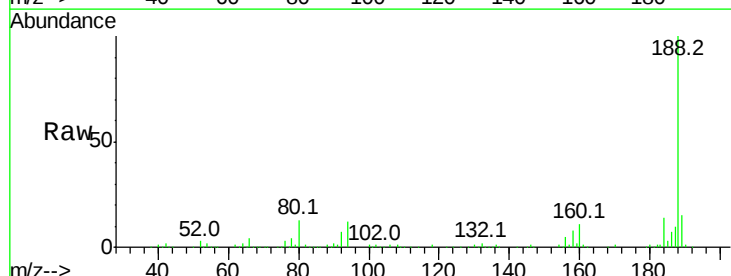


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

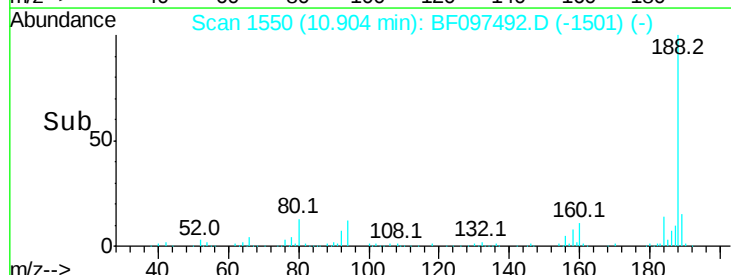
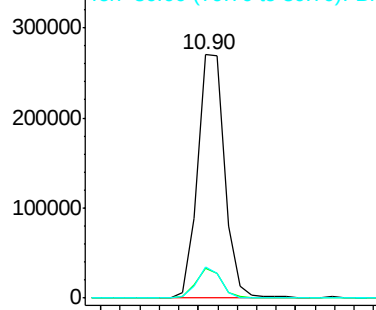


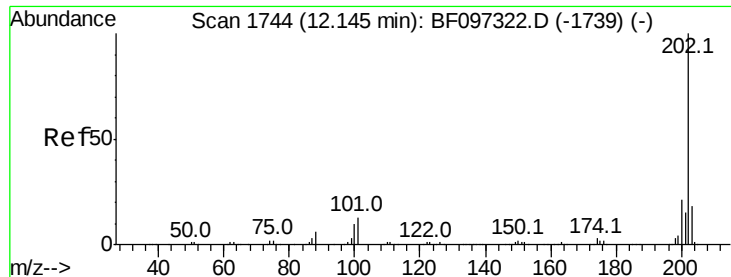
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097492.D
Acq: 9 Aug 2017 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	260140		
94	12.1	9.4	14.2	
80	12.7	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





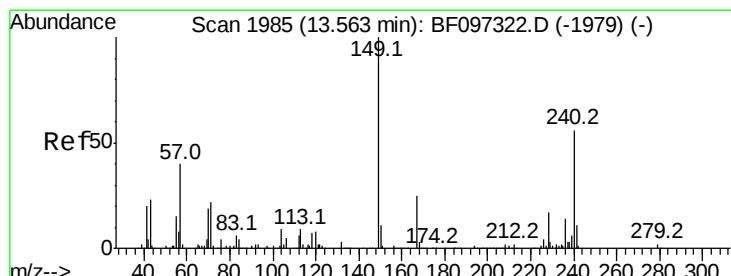
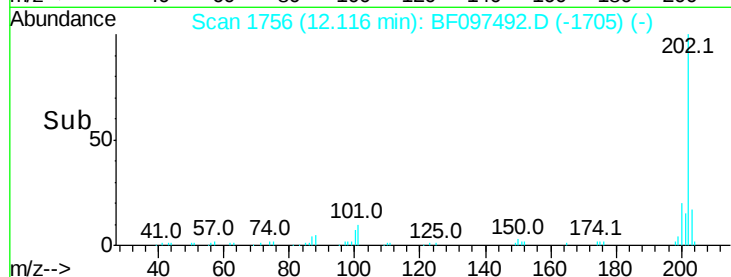
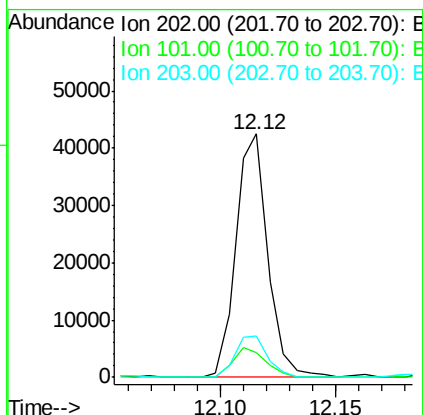
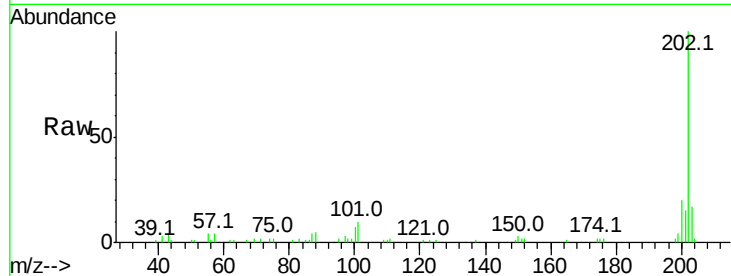
#74
Fluoranthene
 Concen: 2.990 ng
 RT: 12.12 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BF097492.D
 Acq: 9 Aug 2017 2:19

Instrument :
 BNA_F
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 CL-01-080717-B

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.1	0.0	33.2
203	17.2	0.0	38.1

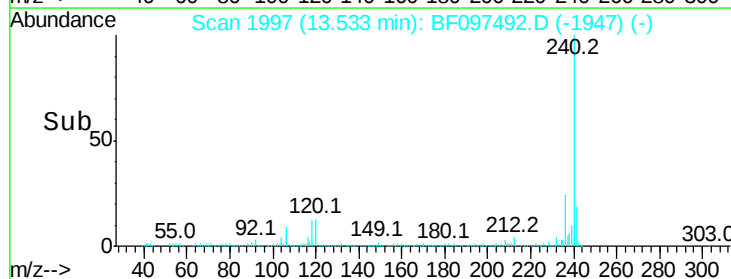
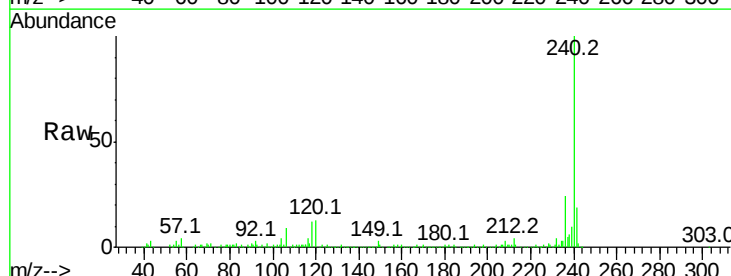
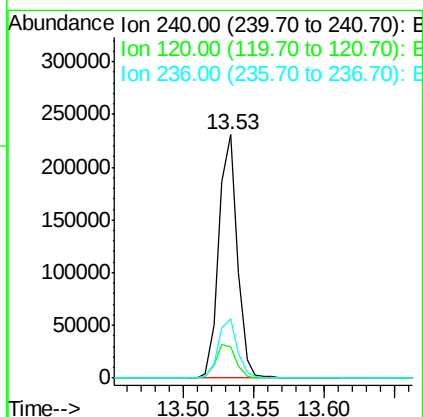
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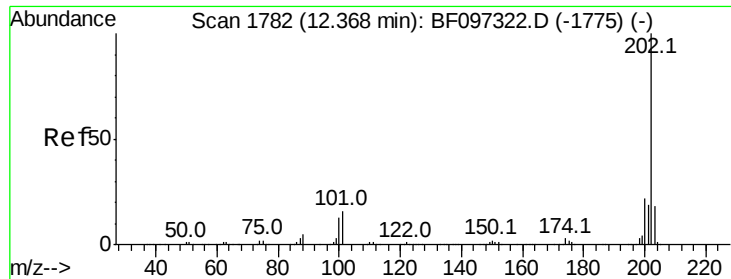
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#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.53 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF097492.D
 Acq: 9 Aug 2017 2:19

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.8	5.8	8.8#
236	24.5	20.5	30.7





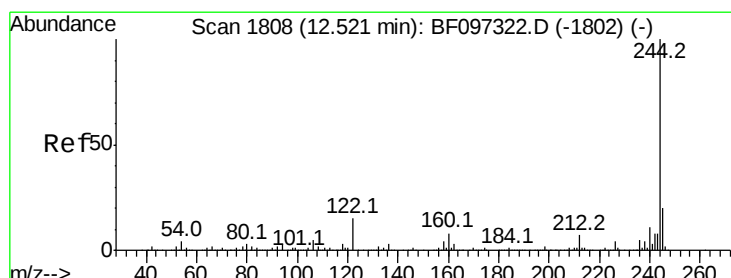
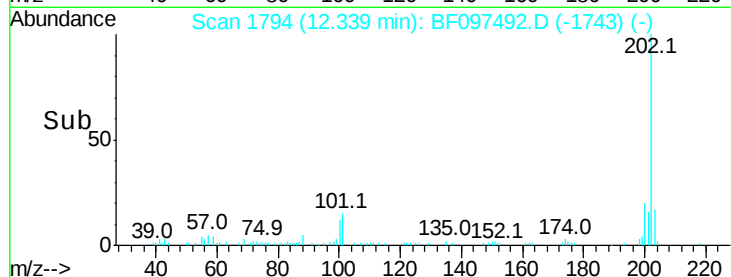
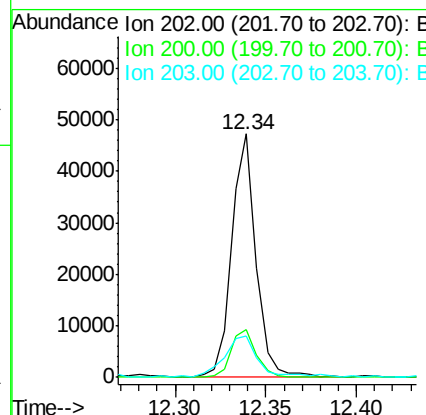
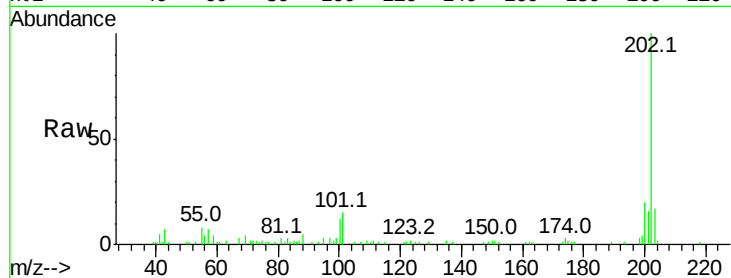
#77
Pvrene
Concen: 2.549 ng
RT: 12.34 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF097492.D
Acq: 9 Aug 2017 2:19

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.6	26.4
203	17.0	14.4	21.6

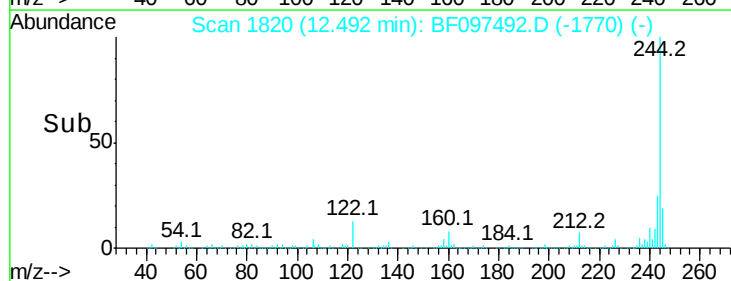
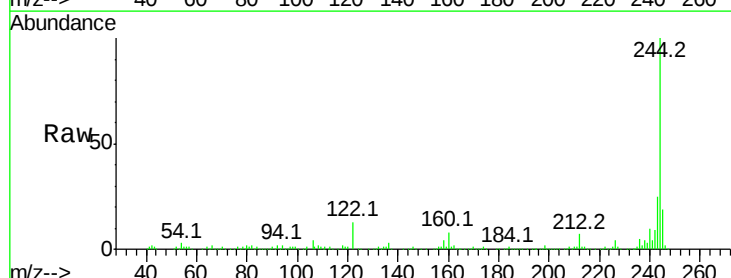
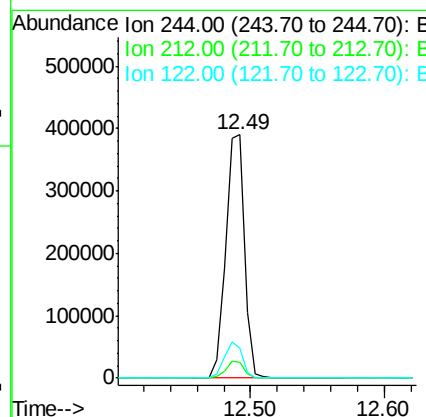
Manual Integrations
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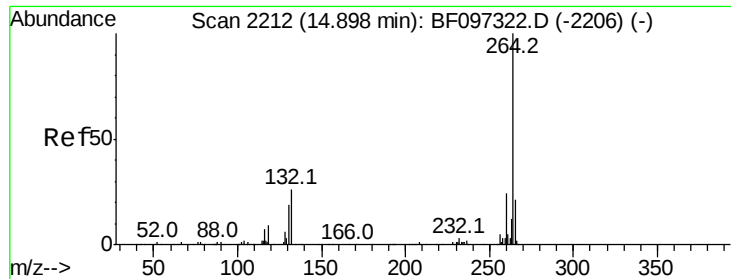
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#78
Terphenyl-d14
Concen: 37.467 ng
RT: 12.49 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF097492.D
Acq: 9 Aug 2017 2:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	12.5	10.3	15.5





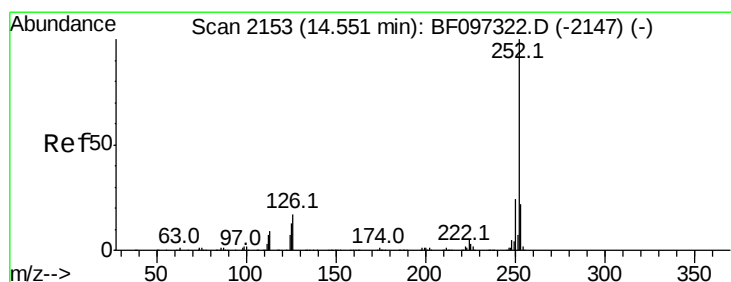
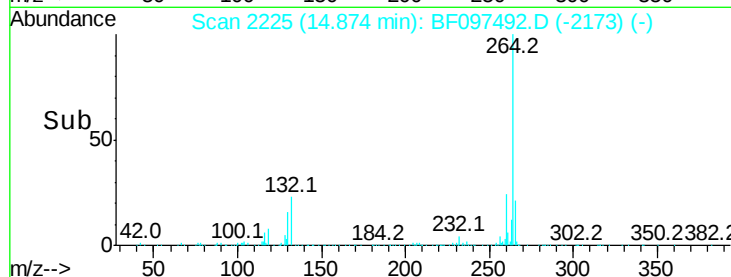
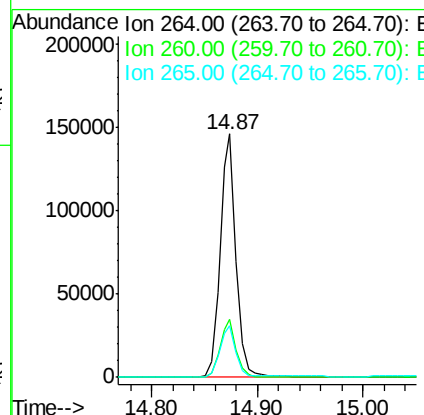
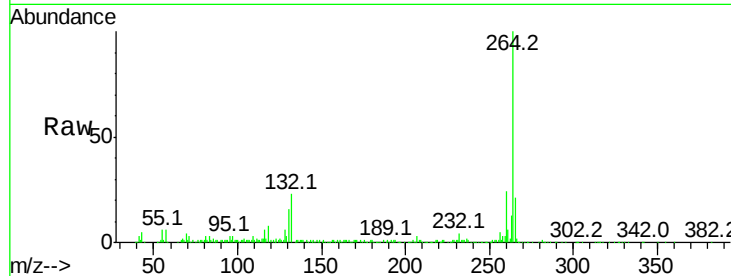
#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.87 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF097492.D
Acq: 9 Aug 2017 2:19

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

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.9	19.5	29.3	
265	21.4	17.2	25.8	

Manual Integrations
APPROVED

Sohil
8/9/2017 7:16:48 PM



#87
Benzo(b)fluoranthene
Concen: 2.032 ng m
RT: 14.53 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BF097492.D
Acq: 9 Aug 2017 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	24.2	18.1	27.1	
125	22.4	9.8	14.8#	

