

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097979.D
 Acq On : 23 Aug 2017 3:14
 Operator : SJ/JU
 Sample : I4914-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 289-COMP

Manual Integrations
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Sohil
 8/23/2017 3:04:02 PM

Quant Time: Aug 23 05:11:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	126791	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	484938	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	195286	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	309679	20.00	ng	0.00
75) Chrysene-d12	13.90	240	267850	20.00	ng	0.00
86) Perylene-d12	15.32	264	218636	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	932186	111.83	ng	0.01
7) Phenol-d6	6.39	99	1256543	110.95	ng	0.00
23) Nitrobenzene-d5	7.32	82	782394	87.65	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	152790	90.17	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1038032	78.09	ng	0.00
78) Terphenyl-d14	12.85	244	682133	53.11	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.50	163	164211	11.504	ng	98
74) Fluoranthene	12.47	202	59949	3.481	ng	98
77) Pyrene	12.70	202	53154	2.426	ng	96
83) Bis(2-ethylhexyl)phthalate	13.89	149	131886	14.170	ng	99
87) Benzo(b)fluoranthene	14.91	252	29923m	2.171	ng	

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

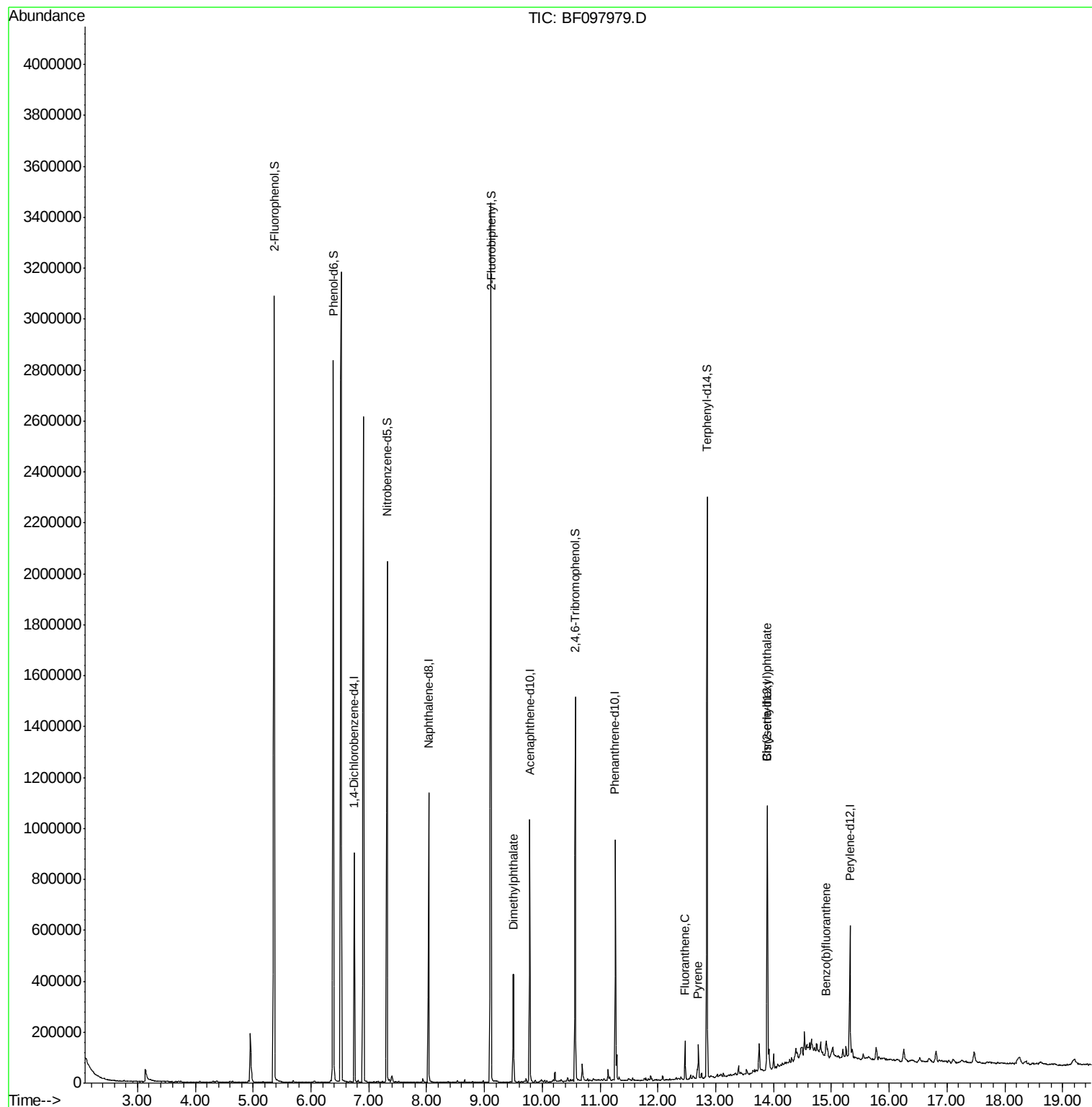
Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097979.D
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Sample : I4914-01
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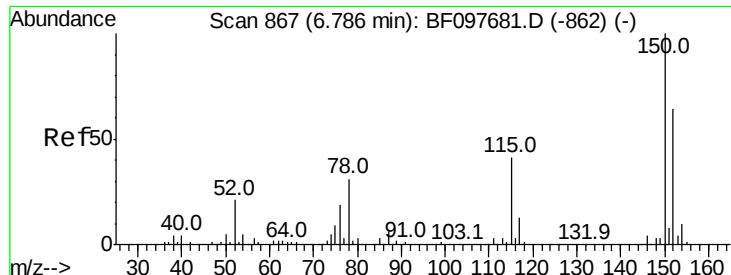
Instrument :
BNA_F
ClientSampleId :
289-COMP

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8/23/2017 3:04:02 PM

Quant Time: Aug 23 05:11:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration





#1

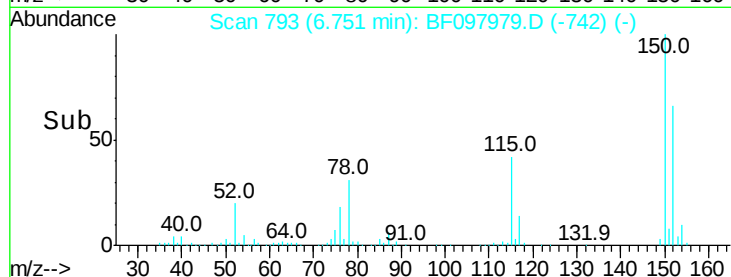
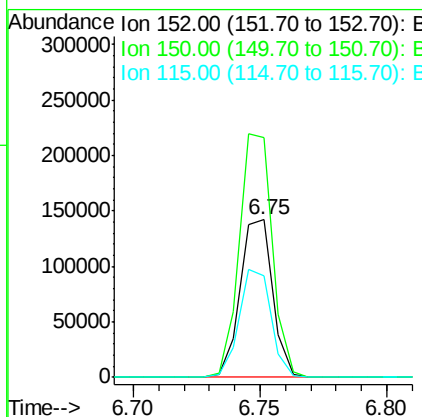
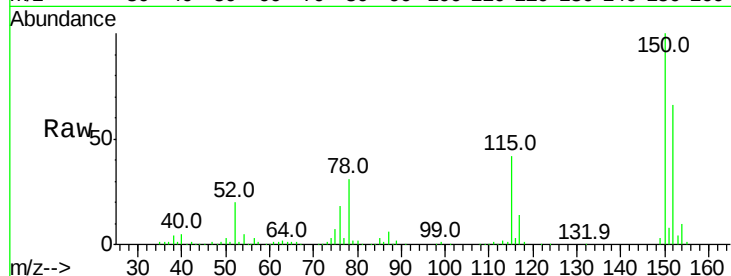
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097979.D
Acq: 23 Aug 2017 3:14

Instrument :
BNA_F
ClientSampleId :
289-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	126.2	189.2
115	64.3	52.2	78.2

Manual Integrations
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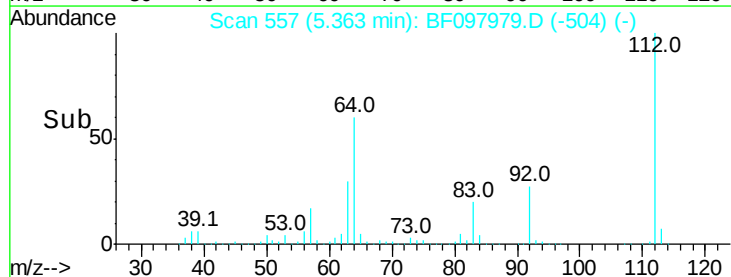
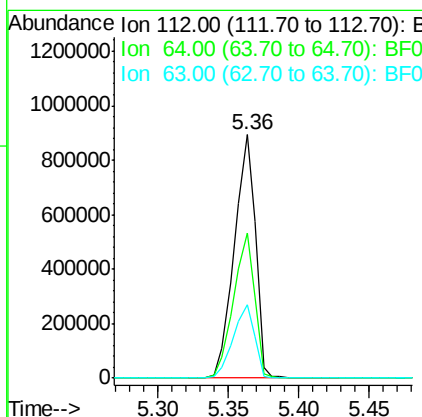
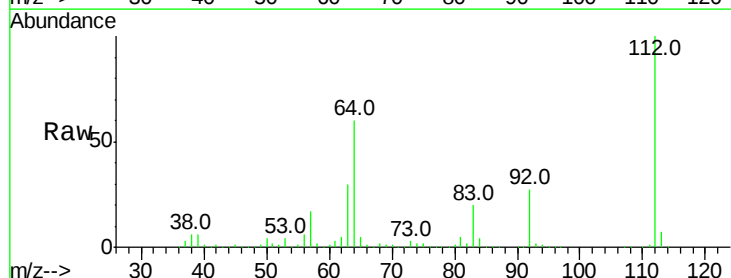
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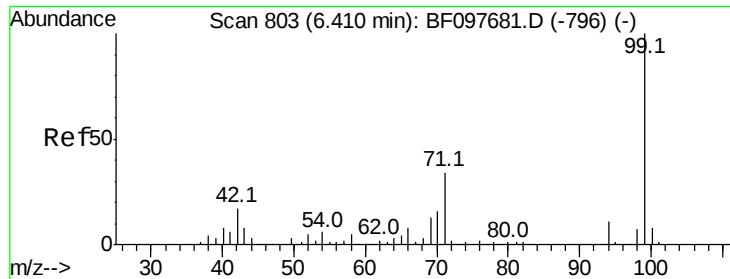


#5

2-Fluorophenol
Concen: 111.832 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF097979.D
Acq: 23 Aug 2017 3:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	46.0	69.0
63	30.4	23.4	35.0





#7

Phenol-d6

Concen: 110.946 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097979.D

Acq: 23 Aug 2017 3:14

Instrument :

BNA_F

ClientSampled :

289-COMP

Tot Ion: 99 Resp: 1256543

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

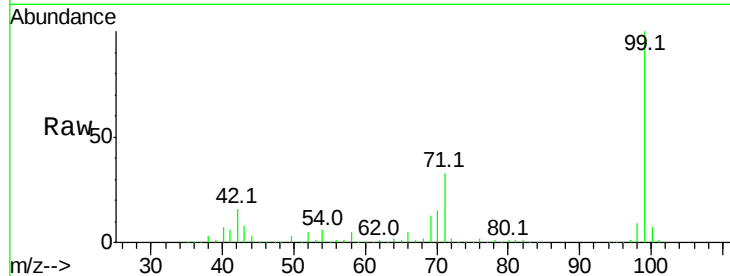
71 33.5 24.5 36.7

Manual Integrations

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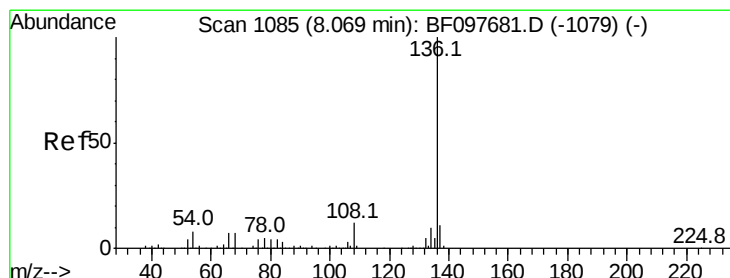
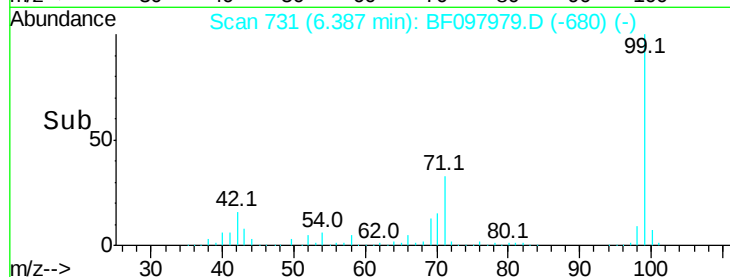
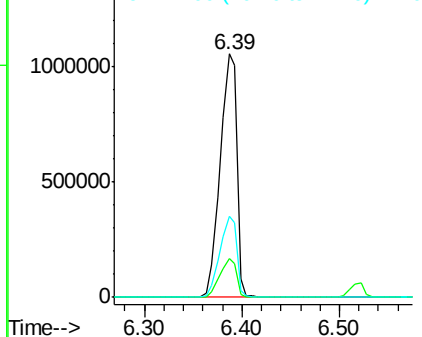
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF097979.D

Acq: 23 Aug 2017 3:14

Tgt Ion: 136 Resp: 484938

Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.9 4.9 7.3

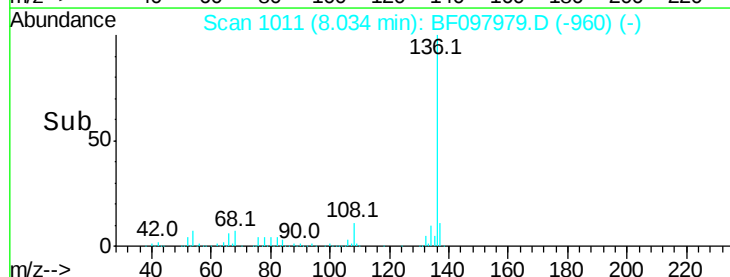
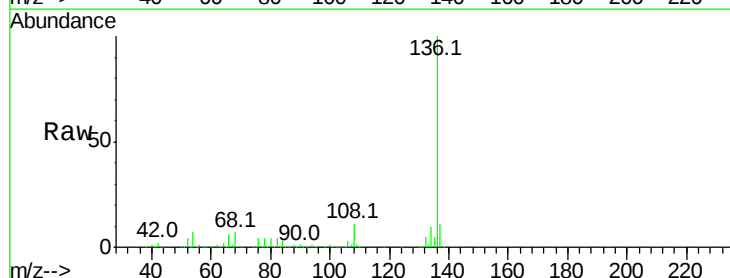
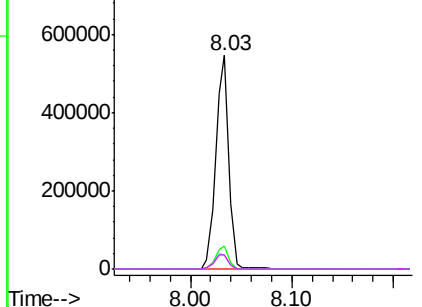
68 6.8 4.1 6.1#

Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





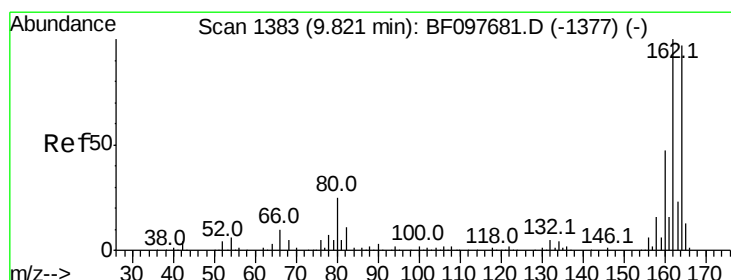
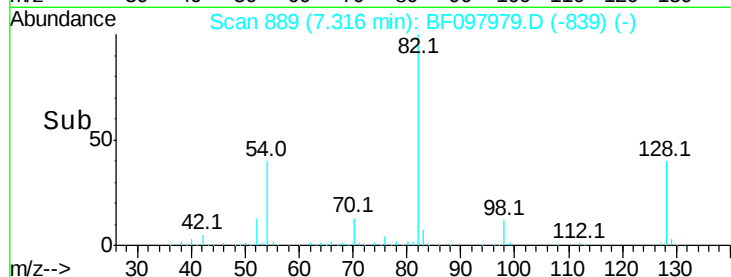
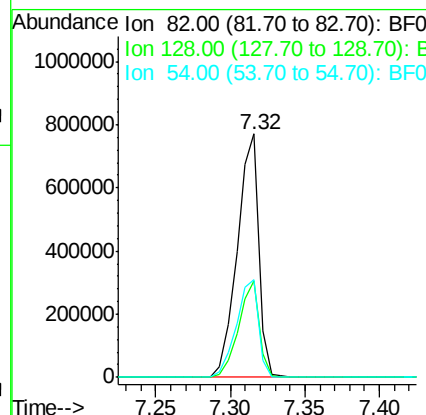
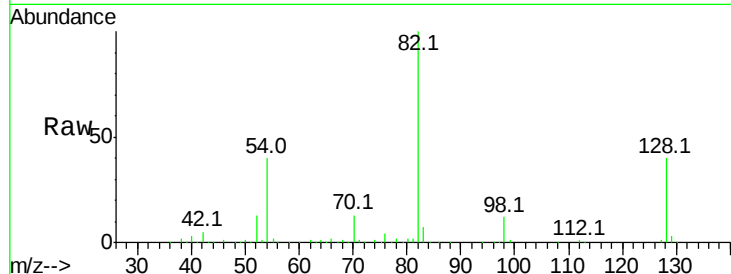
#23
 Nitrobenzene-d5
 Concen: 87.647 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF097979.D
 Acq: 23 Aug 2017 3:14

Instrument :
 BNA_F
 ClientSampled :
 289-COMP

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	39.7	34.0	51.0
54	40.3	42.2	63.2#

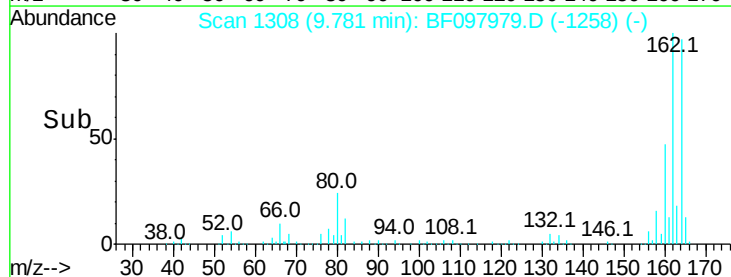
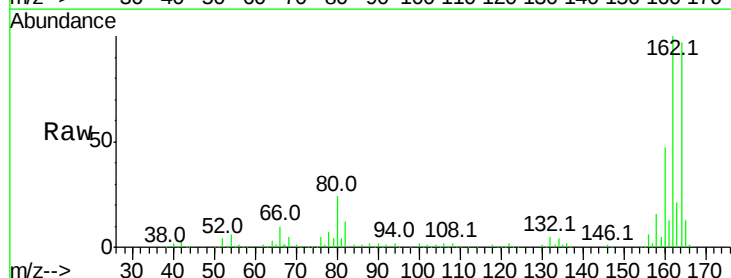
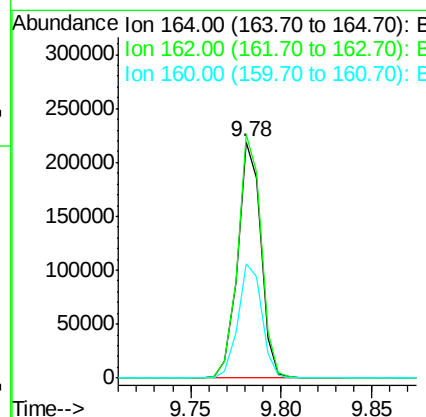
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097979.D
 Acq: 23 Aug 2017 3:14

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	103.1	82.6	123.8
160	48.4	36.2	54.2





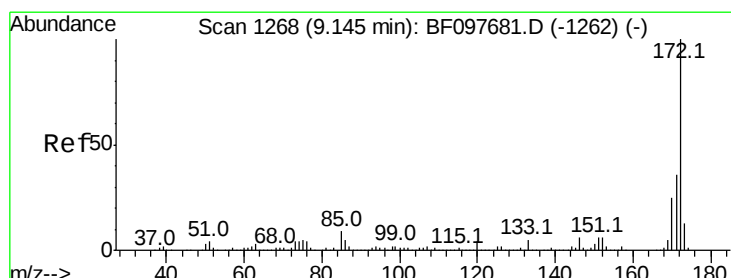
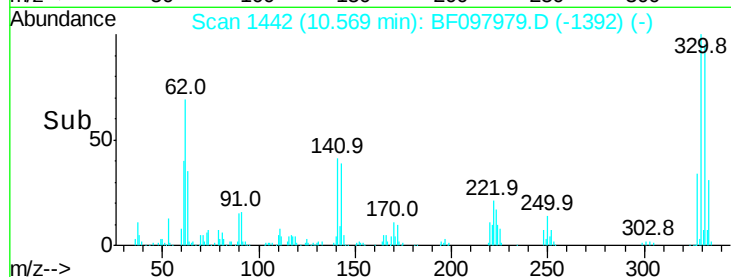
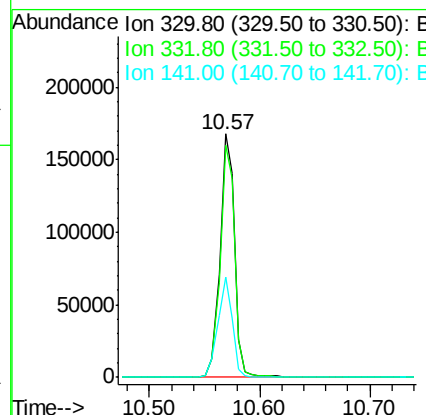
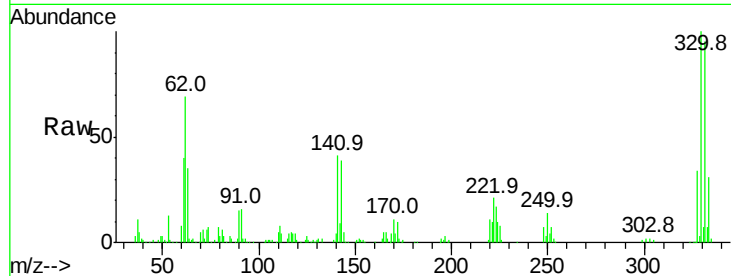
#41
 2,4,6-Tribromophenol
 Concen: 90.172 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097979.D
 Acq: 23 Aug 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :
 289-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	152790		
332	95.6	76.6	115.0	
141	40.7	31.4	47.2	

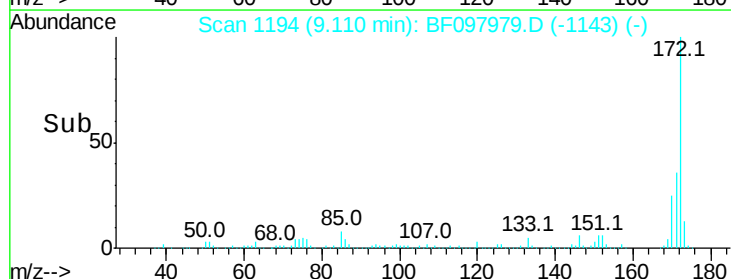
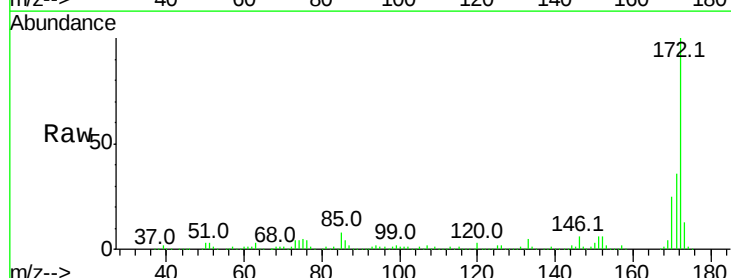
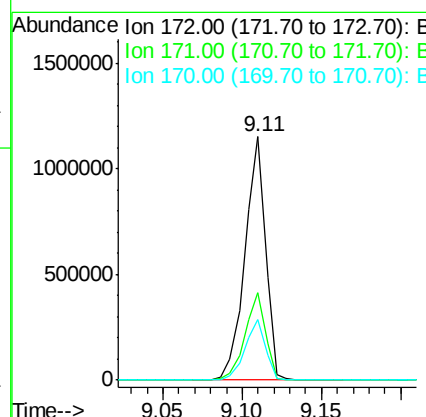
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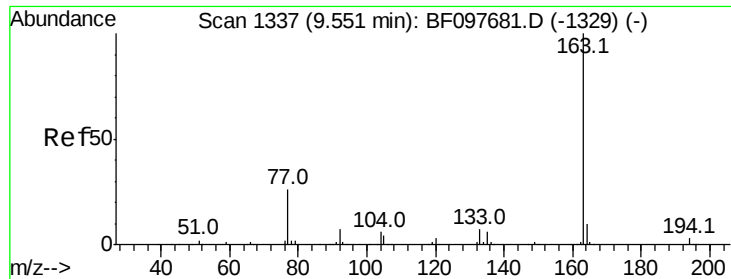
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#44
 2-Fluorobiphenyl
 Concen: 78.095 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097979.D
 Acq: 23 Aug 2017 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1038032		
171	35.8	29.6	44.4	
170	24.9	19.8	29.8	





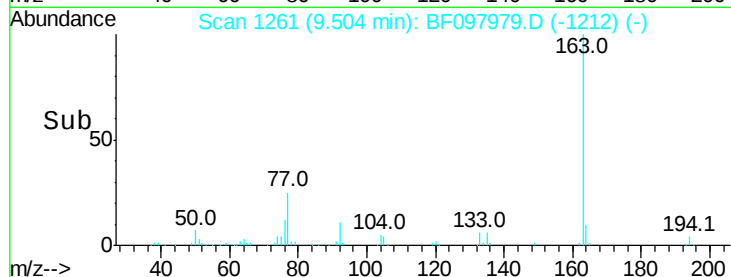
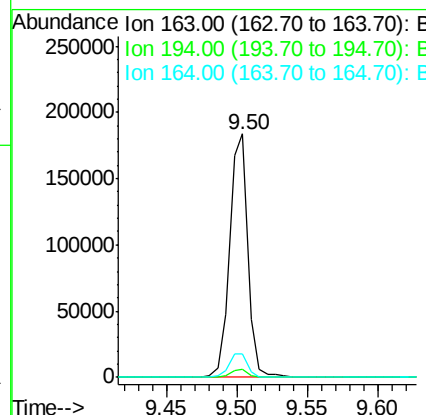
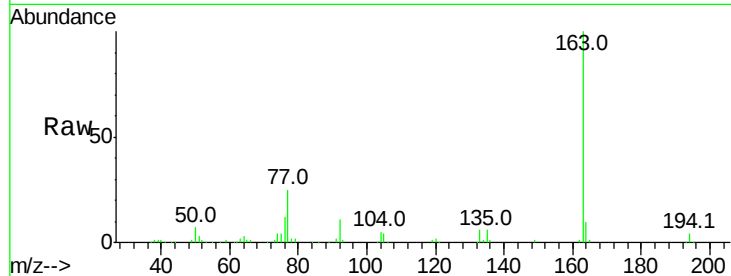
#49
Dimethylphthalate
Concen: 11.504 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF097979.D
Acq: 23 Aug 2017 3:14

Instrument :
BNA_F
ClientSampleId :
289-COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	164211		
194	3.6	2.6	4.0	
164	9.8	8.4	12.6	

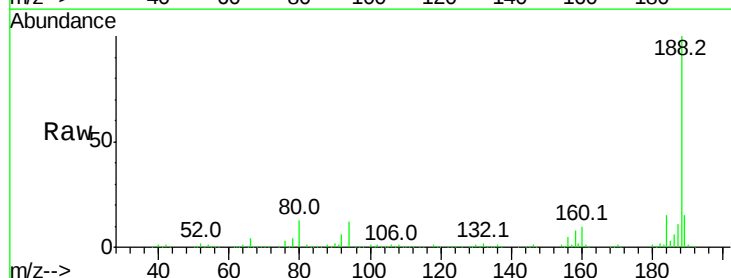
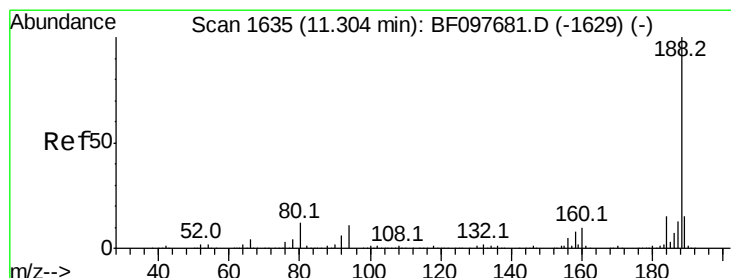
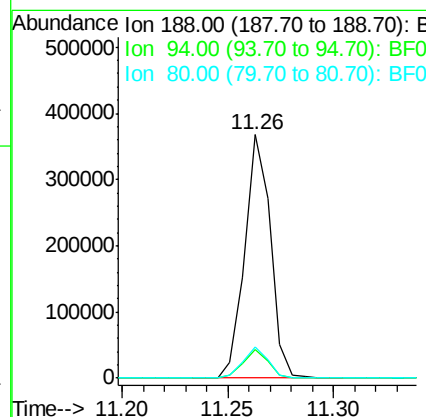
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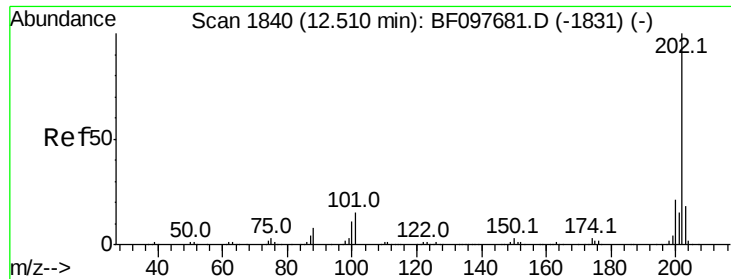
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF097979.D
Acq: 23 Aug 2017 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	309679		
94	11.7	9.4	14.2	
80	12.7	10.2	15.2	





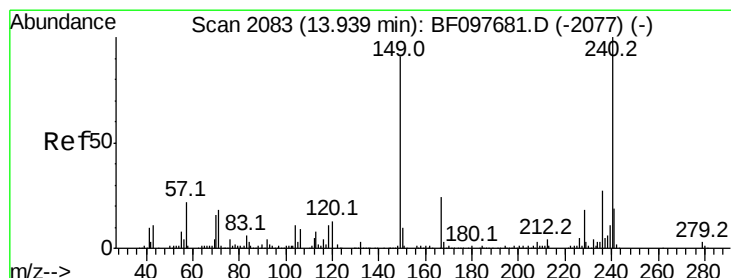
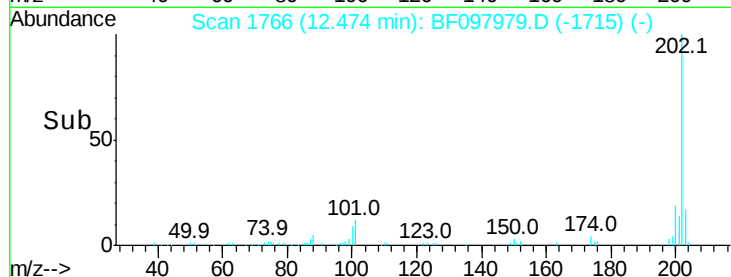
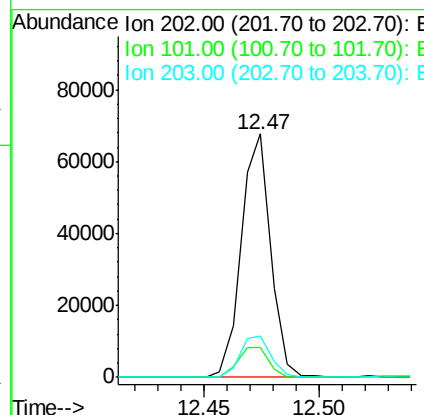
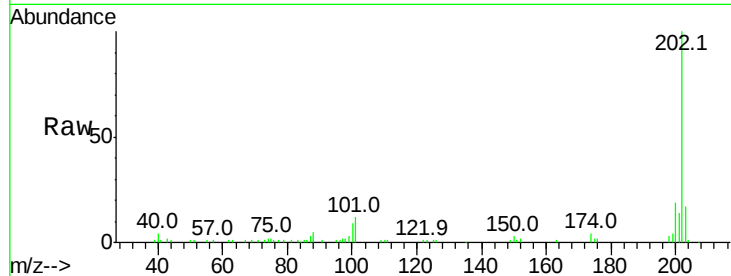
#74
Fluoranthene
 Concen: 3.481 ng
 RT: 12.47 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF097979.D
 Acq: 23 Aug 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :
 289-COMP

Tot Ion:	202	Resp:	59949
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	33.2
203	17.0	0.0	38.1

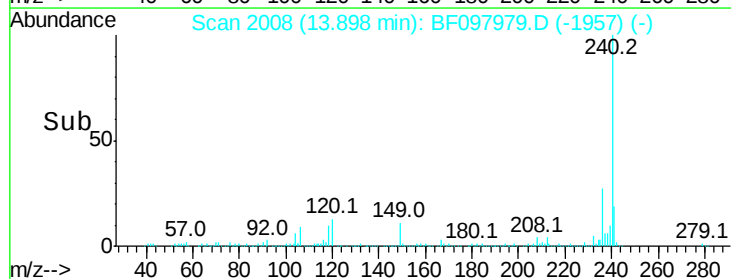
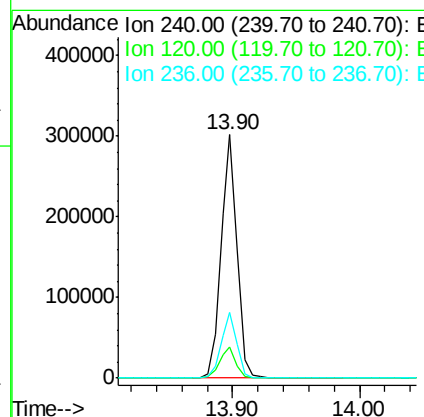
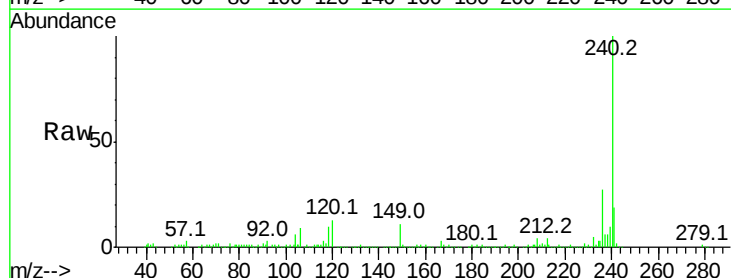
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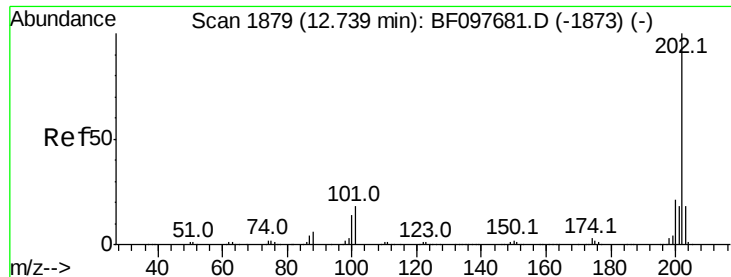
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#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BF097979.D
 Acq: 23 Aug 2017 3:14

Tgt Ion:	240	Resp:	267850
Ion Ratio	Lower	Upper	
240	100		
120	12.9	5.8	8.8#
236	27.0	20.5	30.7





#77

Pvrene

Concen: 2.426 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF097979.D

Acq: 23 Aug 2017 3:14

Instrument :

BNA_F

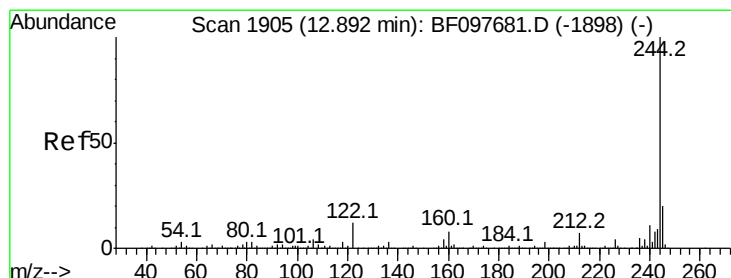
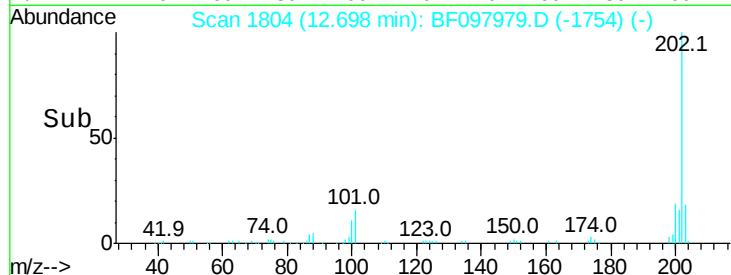
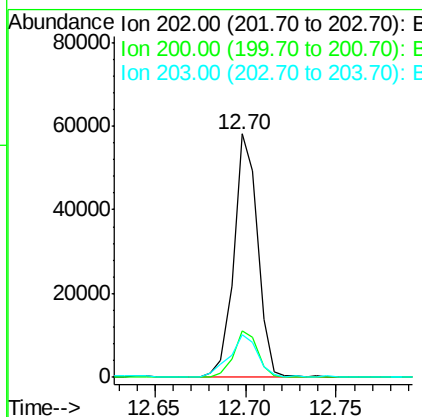
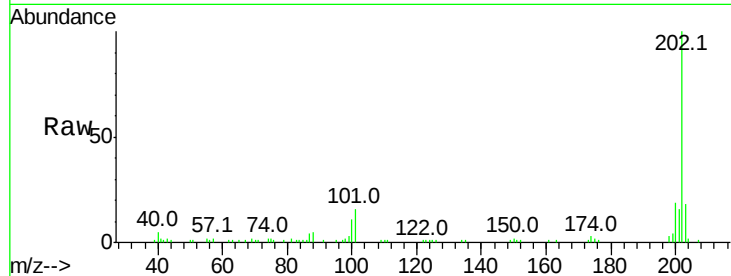
ClientSampleId :

289-COMP

Tot Ion:	202	Resp:	53154
Ion Ratio	Lower	Upper	
202	100		
200	19.2	17.6	26.4
203	17.7	14.4	21.6

Manual Integrations
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#78

Terphenyl-d14

Concen: 53.107 ng

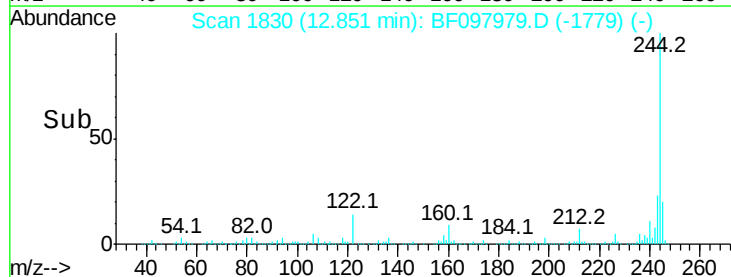
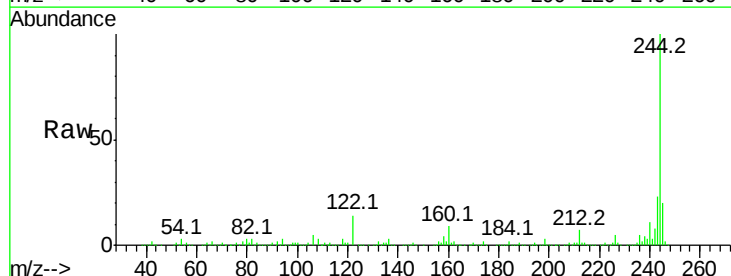
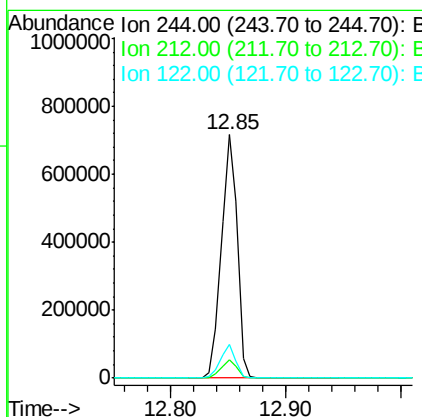
RT: 12.85 min Scan# 1830

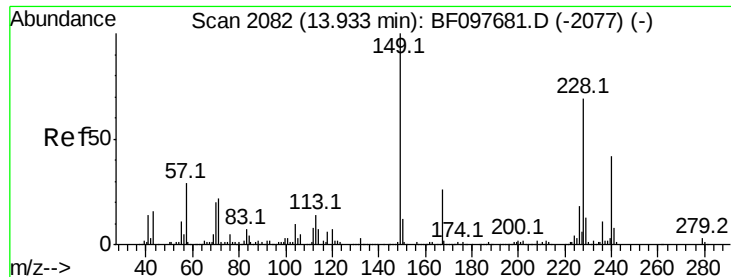
Delta R.T. 0.00 min

Lab File: BF097979.D

Acq: 23 Aug 2017 3:14

Tgt Ion:	244	Resp:	682133
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.0	9.0
122	13.8	10.3	15.5





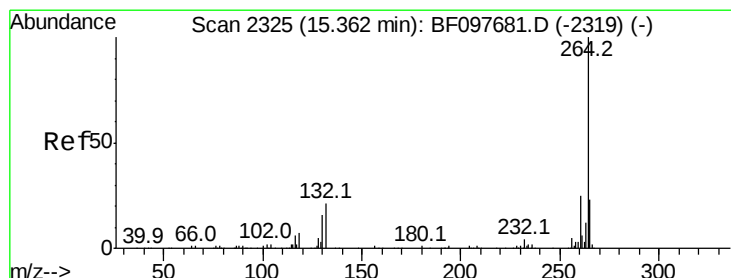
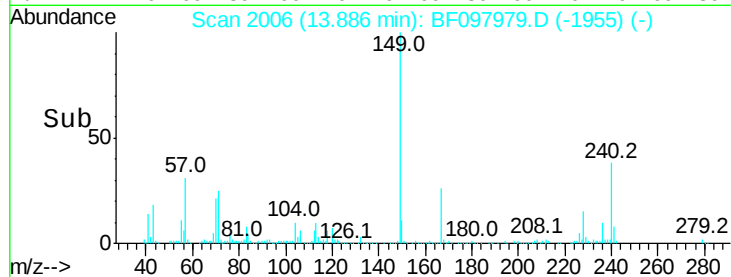
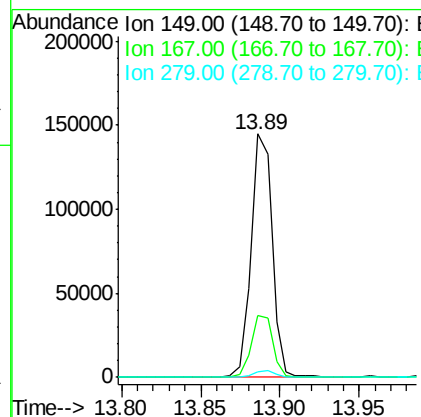
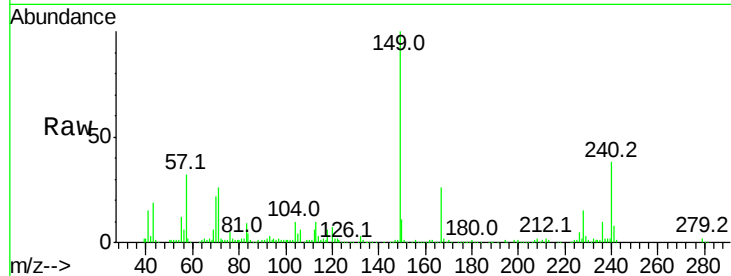
#83
Bis(2-ethylhexyl)phthalate
Concen: 14.170 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF097979.D
Acq: 23 Aug 2017 3:14

Instrument :
BNA_F
ClientSampleId :
289-COMP

Tot Ion	Ratio	Resp	Lower	Upper
149	100	131886		
167	25.6	21.0	31.4	
279	2.5	1.9	2.9	

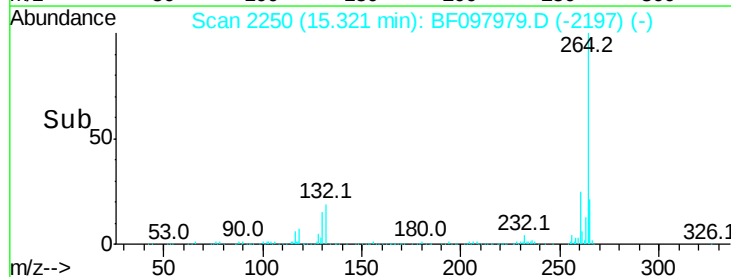
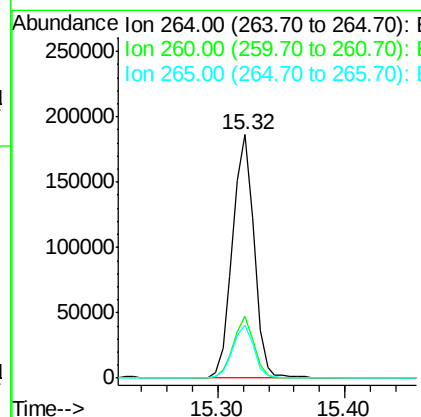
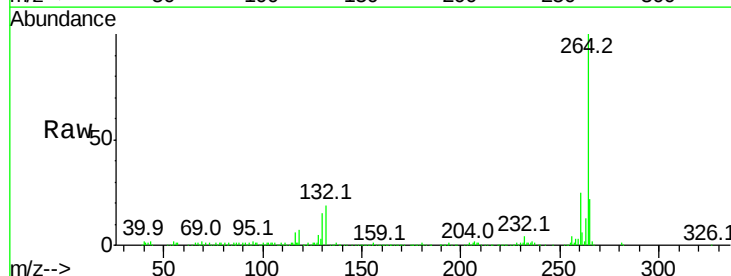
Manual Integrations
APPROVED

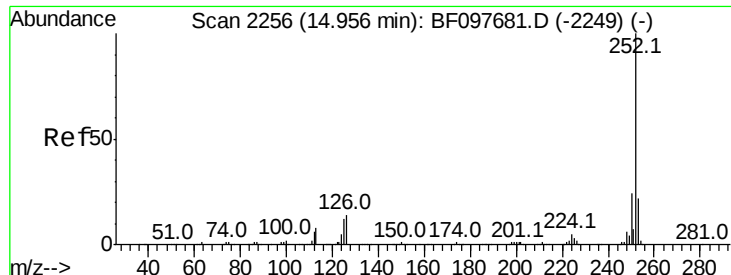
Sohil
8/23/2017 3:04:02 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF097979.D
Acq: 23 Aug 2017 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	218636		
260	25.4	19.5	29.3	
265	21.5	17.2	25.8	





#87
 Benzo(b)fluoranthene
 Concen: 2.171 ng/ml
 RT: 14.91 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BF097979.D
 Acq: 23 Aug 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :
 289-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	17.4	9.8	14.8

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:04:02 PM

