

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096882.D
 Acq On : 19 Jul 2017 20:56
 Operator : SJ/JU
 Sample : I4280-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-071817-A

Manual Integrations
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Sohil
 7/20/2017 3:05:02 PM

Quant Time: Jul 20 05:01:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	113362	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	423325	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	173751	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	258884	20.00	ng	-0.01
75) Chrysene-d12	13.72	240	197998	20.00	ng	-0.01
86) Perylene-d12	15.09	264	173597	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	687022	91.12	ng	0.00
7) Phenol-d6	6.24	99	894568	98.87	ng	-0.01
23) Nitrobenzene-d5	7.15	82	455737	66.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	127865	86.21	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	791447	71.97	ng	-0.01
78) Terphenyl-d14	12.68	244	499812	43.78	ng	-0.01
Target Compounds						
10) Phenol	6.25	94	36744	3.593	ng	93
49) Dimethylphthalate	9.34	163	127034	9.710	ng	100
74) Fluoranthene	12.30	202	32101	2.383	ng	96
85) Indeno(1,2,3-cd)pyrene	16.37	276	8190	4.030	ng	# 75
87) Benzo(b)fluoranthene	14.72	252	23444m	2.239	ng	

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

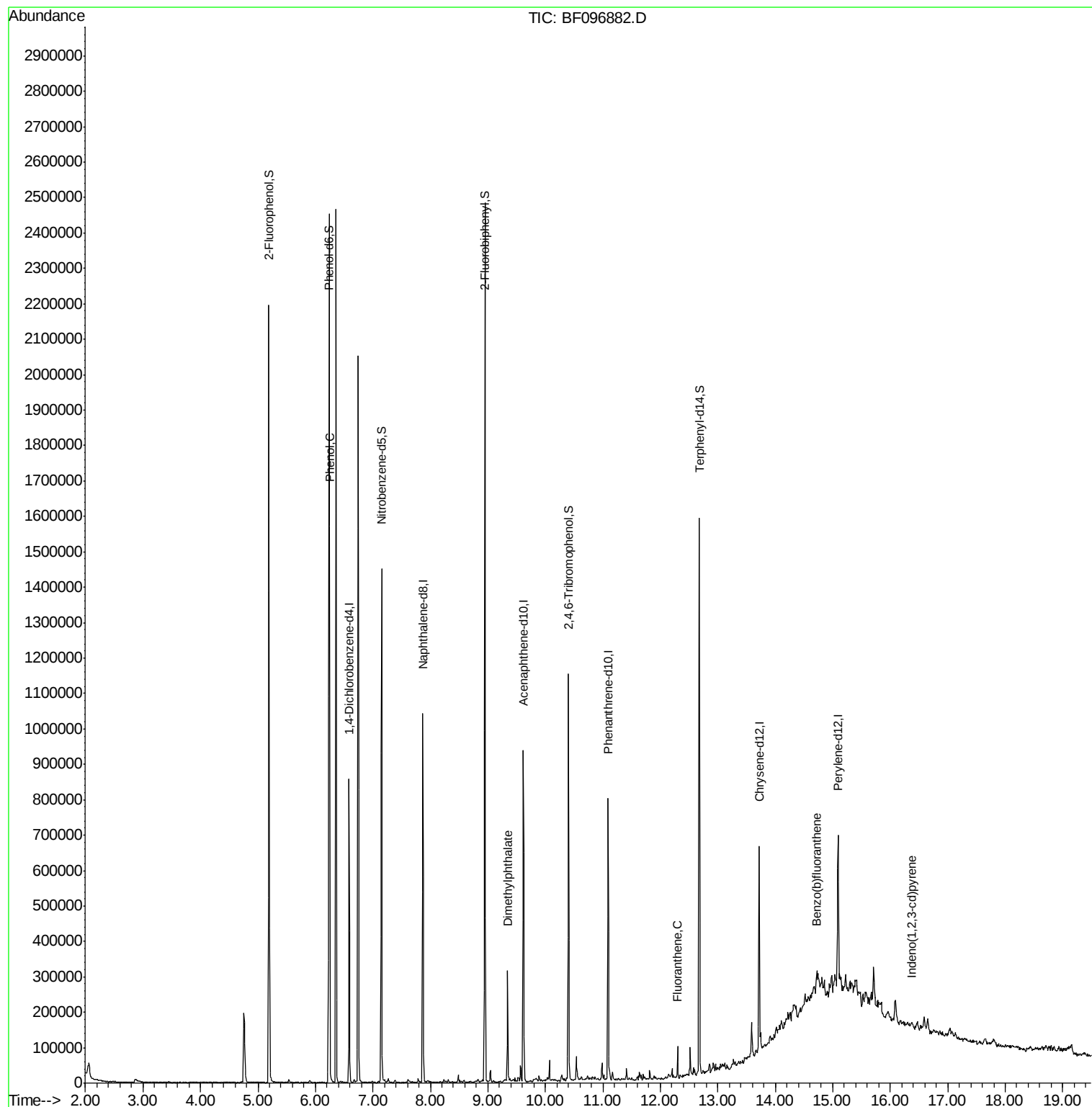
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

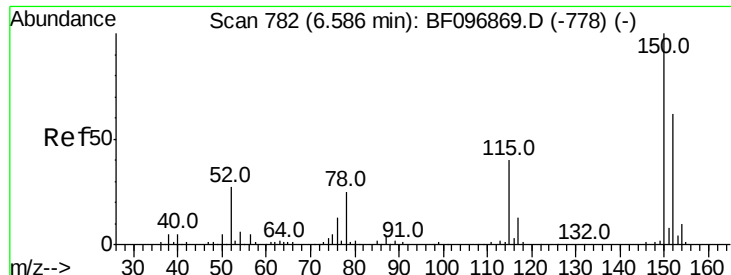
Instrument :
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CL-01-071817-A

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Quant Time: Jul 20 05:01:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

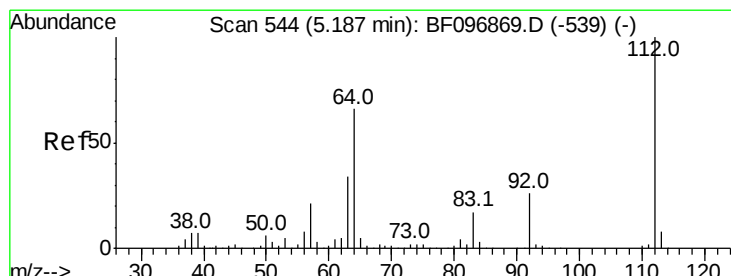
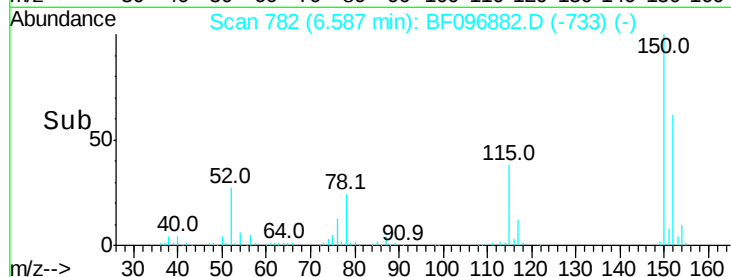
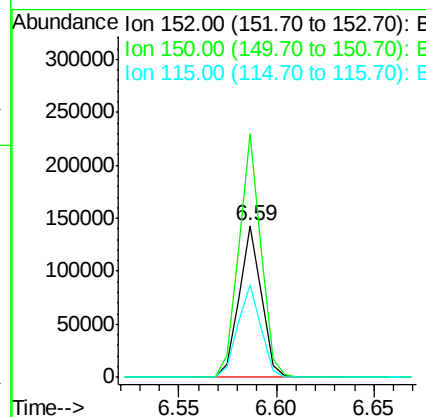
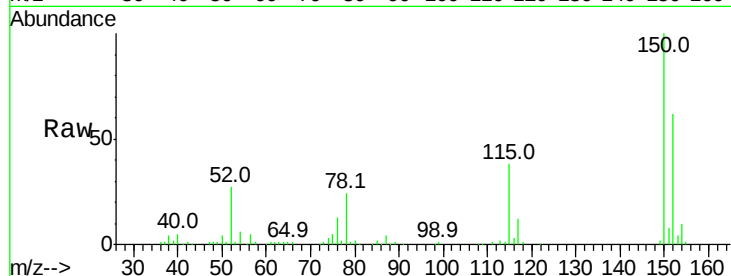
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096882.D
Acq: 19 Jul 2017 20:56

Instrument :
BNA_F
ClientSampleId :
CL-01-071817-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.2	189.2
115	61.1	52.2	78.2

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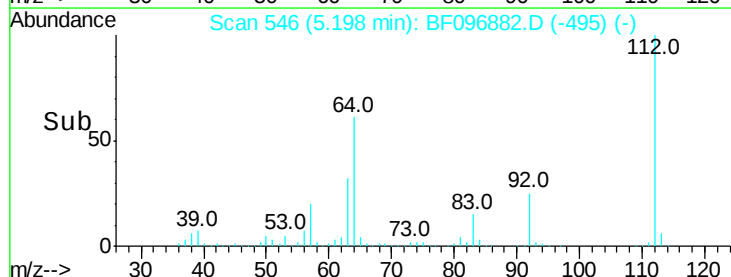
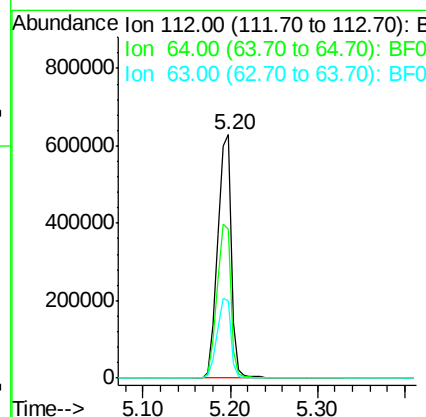
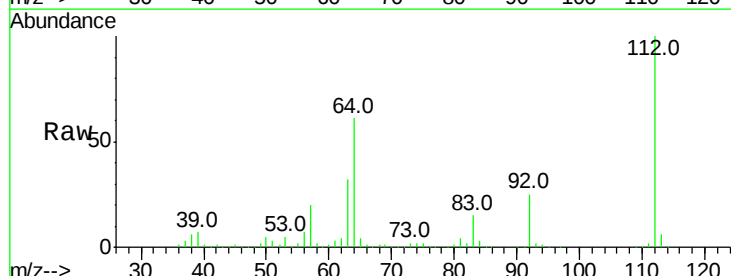
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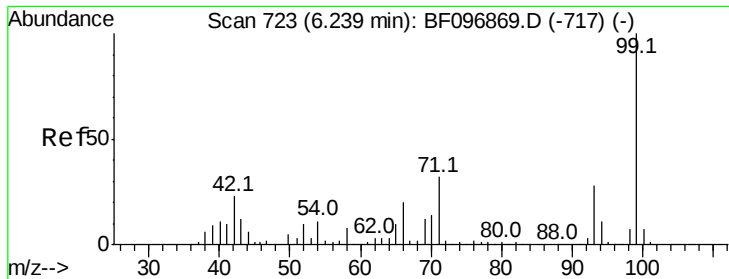


#5

2-Fluorophenol
Concen: 91.124 ng
RT: 5.20 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF096882.D
Acq: 19 Jul 2017 20:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	46.0	69.0
63	31.7	23.4	35.0





#7

Phenol-d6

Concen: 98.874 ng

RT: 6.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096882.D

Acq: 19 Jul 2017 20:56

Instrument :

BNA_F

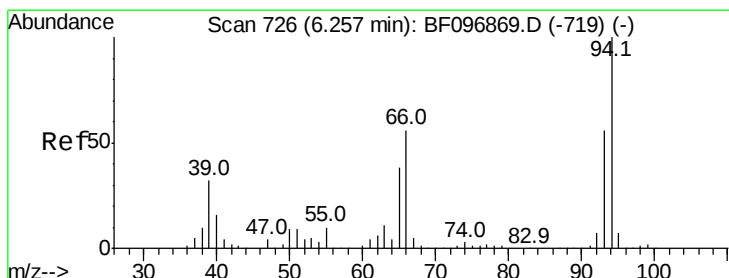
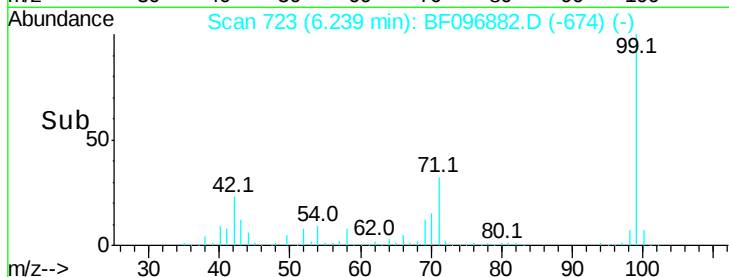
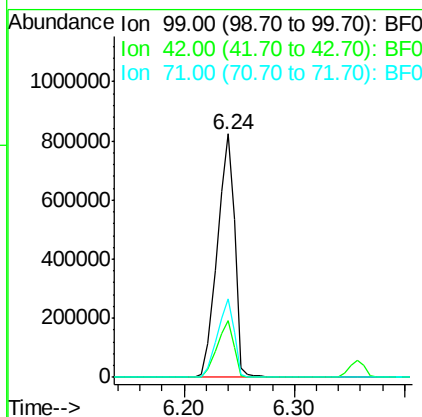
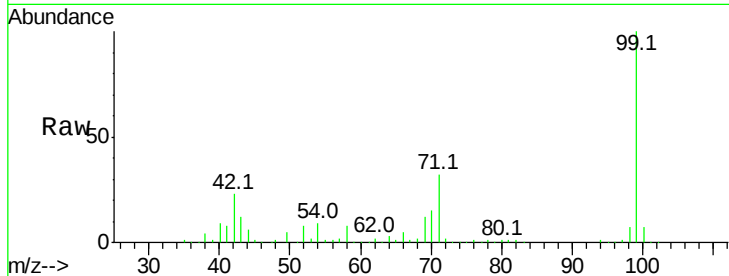
ClientSampleId :

CL-01-071817-A

Tot Ion:	99	Resp:	894568
Ion Ratio	Lower	Upper	
99	100		
42	23.3	13.5	20.3#
71	32.2	24.5	36.7

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#10

Phenol

Concen: 3.593 ng

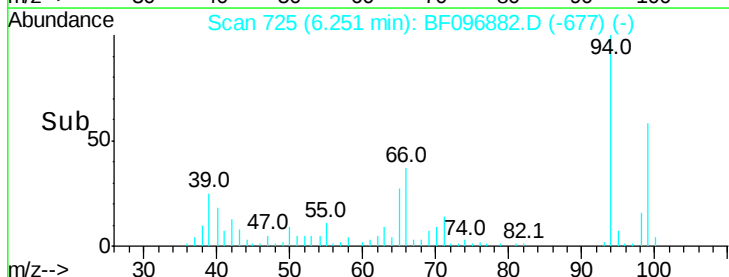
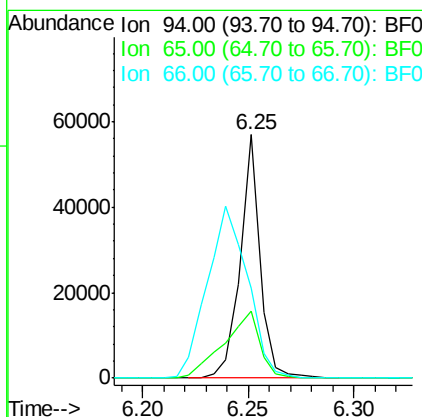
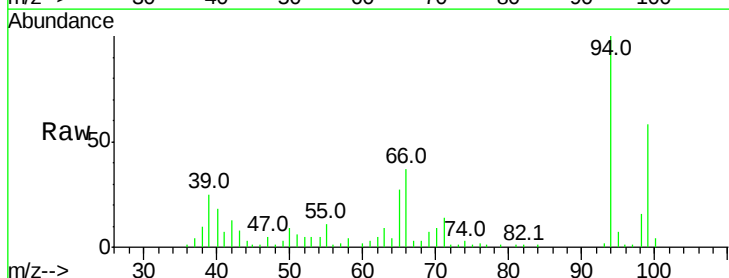
RT: 6.25 min Scan# 725

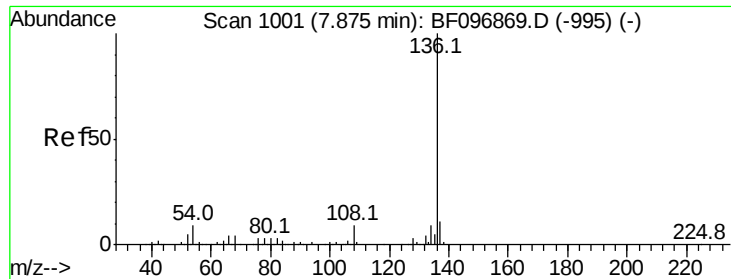
Delta R.T. -0.02 min

Lab File: BF096882.D

Acq: 19 Jul 2017 20:56

Tgt Ion:	94	Resp:	36744
Ion Ratio	Lower	Upper	
94	100		
65	27.5	9.9	49.9
66	37.1	23.1	63.1





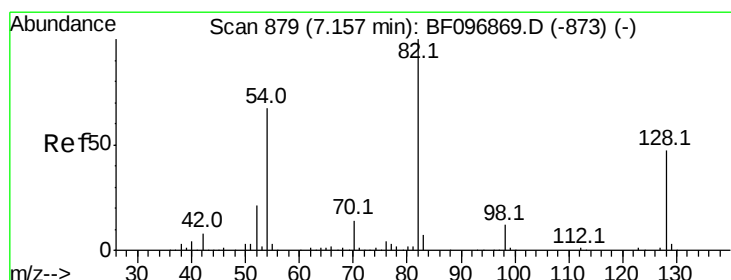
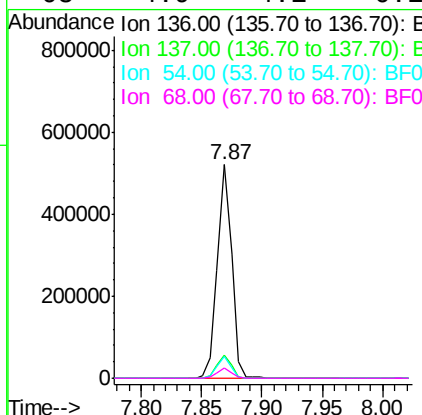
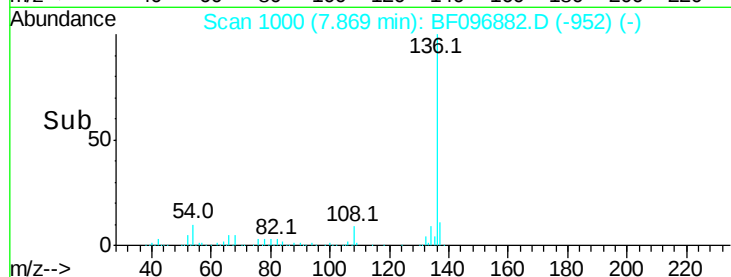
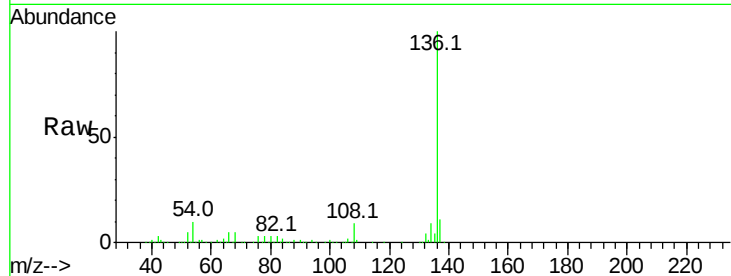
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.87 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096882.D
Acq: 19 Jul 2017 20:56

Instrument :
BNA_F
ClientSampleId :
CL-01-071817-A

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	10.3	4.9	7.3	
68	4.9	4.1	6.1	

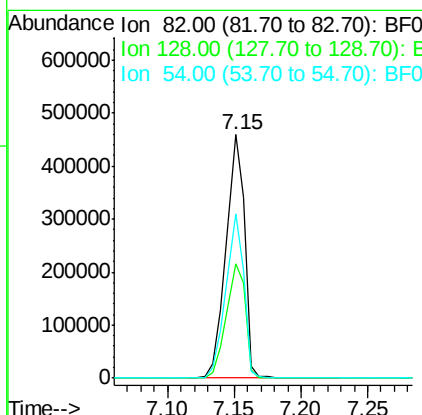
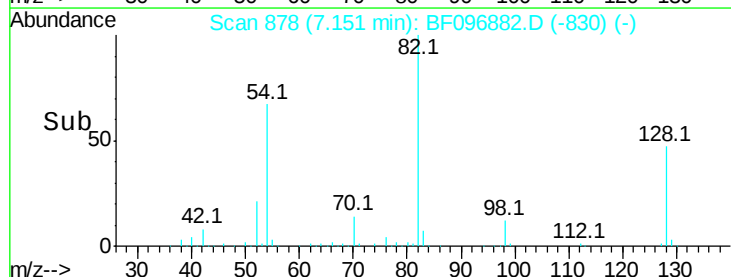
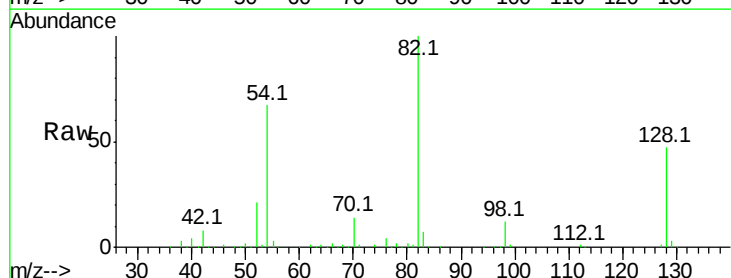
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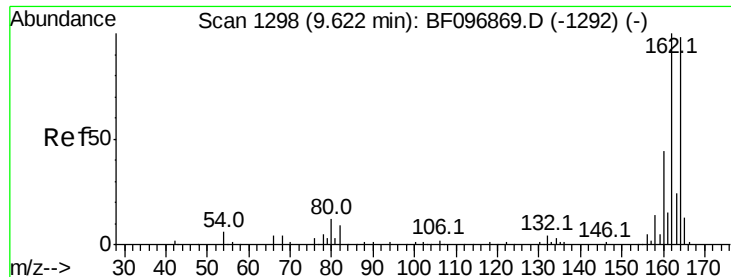
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#23
Nitrobenzene-d5
Concen: 66.683 ng
RT: 7.15 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF096882.D
Acq: 19 Jul 2017 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.9	34.0	51.0	
54	67.3	42.2	63.2	





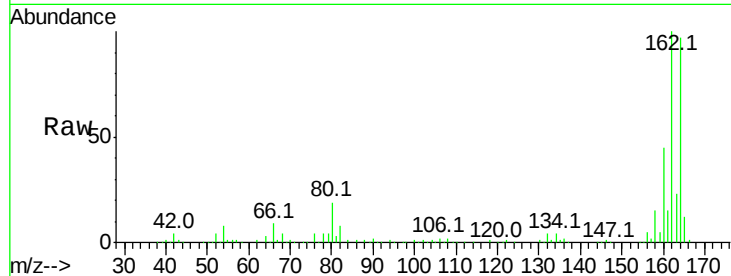
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096882.D
Acq: 19 Jul 2017 20:56

Instrument :
BNA_F
ClientSampleId :
CL-01-071817-A

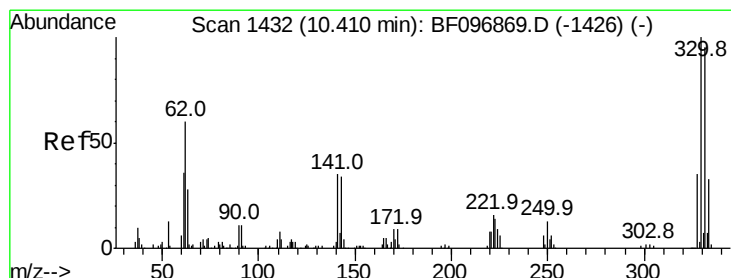
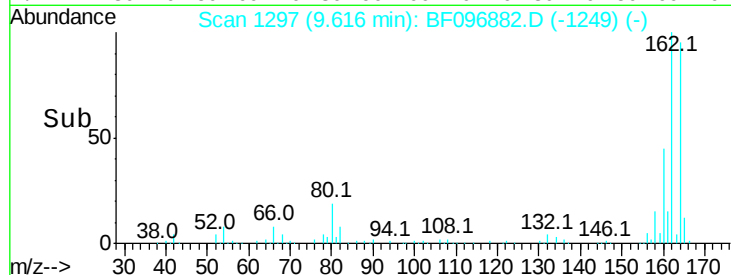
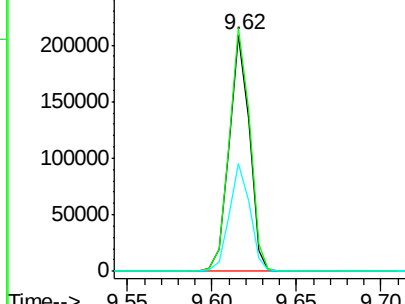
Tot Ion	Ratio	Resp	Lower	Upper
164	100	173751		
162	103.0	82.6	123.8	
160	45.9	36.2	54.2	

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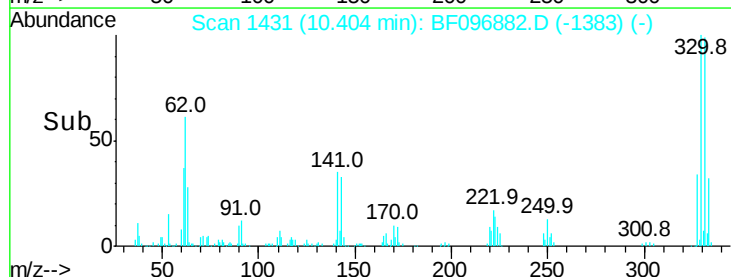
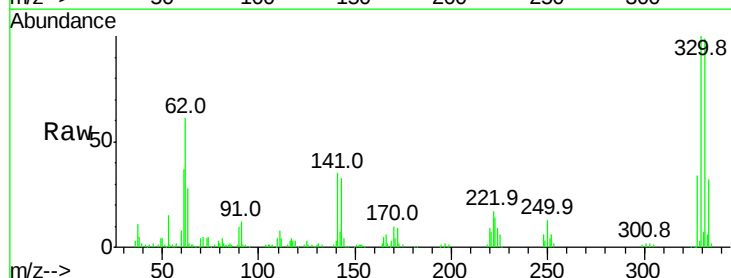
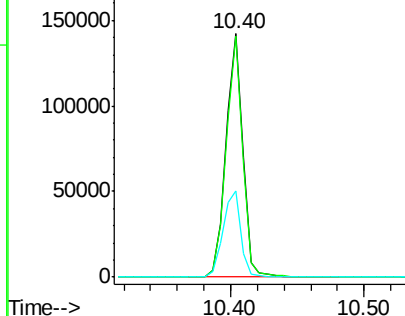
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

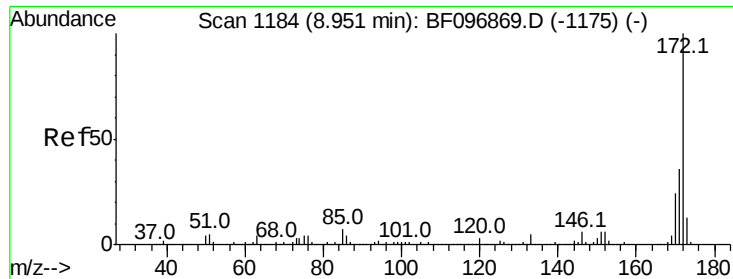


#41
2,4,6-Tribromophenol
Concen: 86.214 ng
RT: 10.40 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF096882.D
Acq: 19 Jul 2017 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	127865		
332	96.9	76.6	115.0	
141	37.1	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





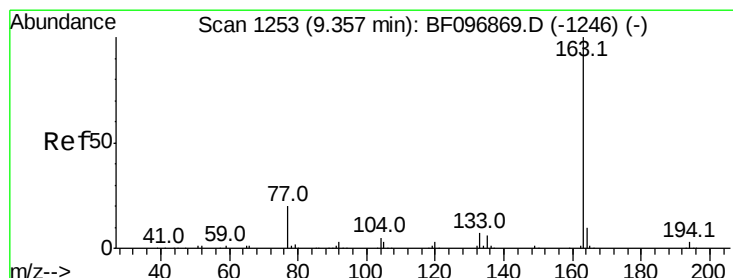
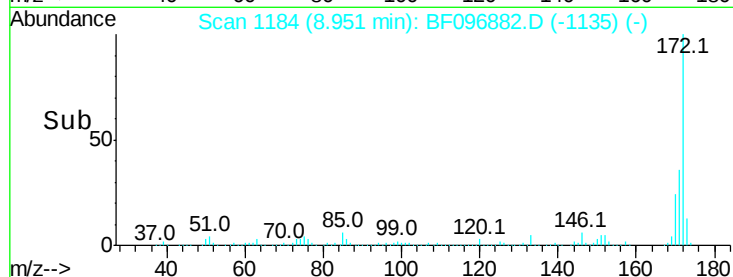
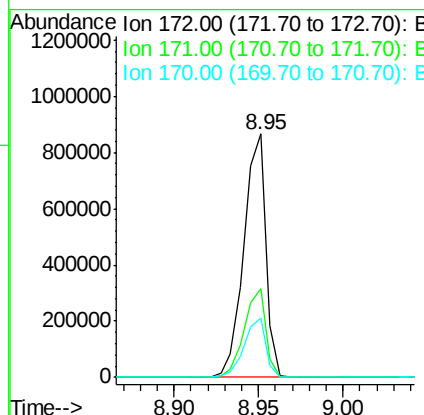
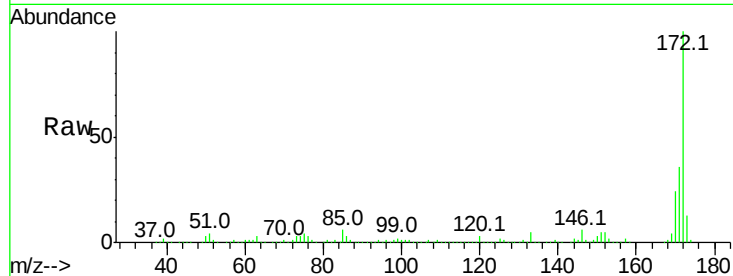
#44
2-Fluorobiphenyl
Concen: 71.966 ng
RT: 8.95 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF096882.D
Acq: 19 Jul 2017 20:56

Instrument :
BNA_F
ClientSampleId :
CL-01-071817-A

Tot Ion	Ratio	Resp	Lower	Upper
172	100	791447		
171	36.4		29.6	44.4
170	24.4		19.8	29.8

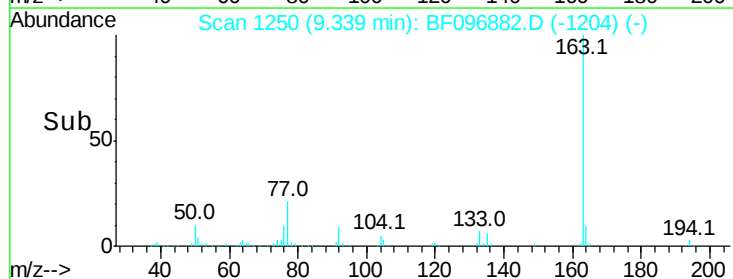
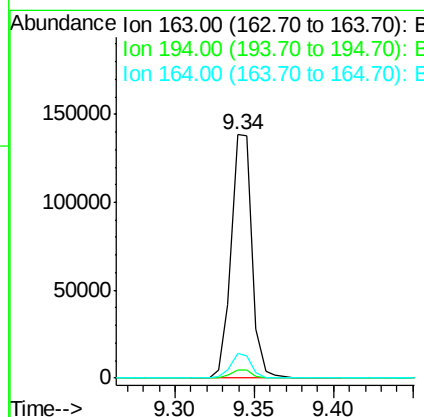
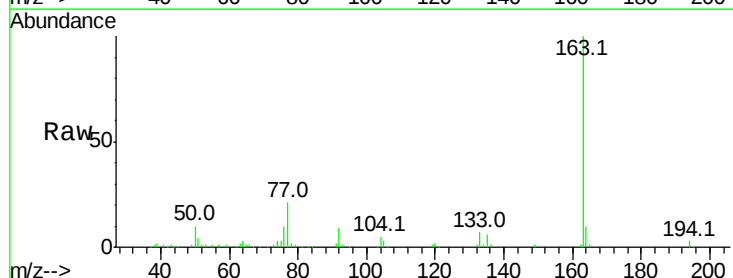
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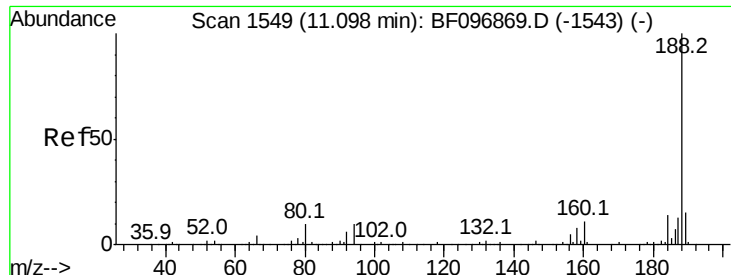
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#49
Dimethylphthalate
Concen: 9.710 ng
RT: 9.34 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF096882.D
Acq: 19 Jul 2017 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	127034		
194	3.1		2.6	4.0
164	10.4		8.4	12.6





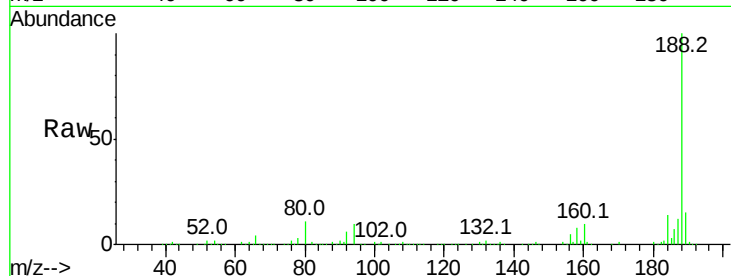
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.09 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF096882.D
Acq: 19 Jul 2017 20:56

Instrument :
BNA_F
ClientSampleId :
CL-01-071817-A

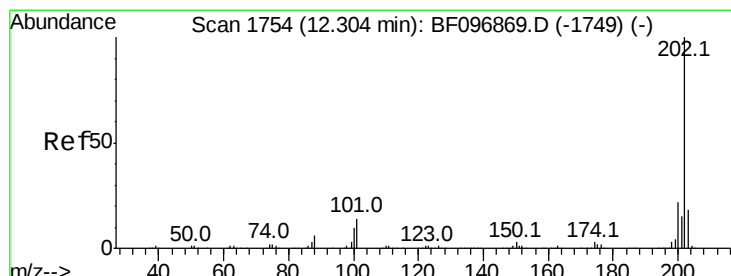
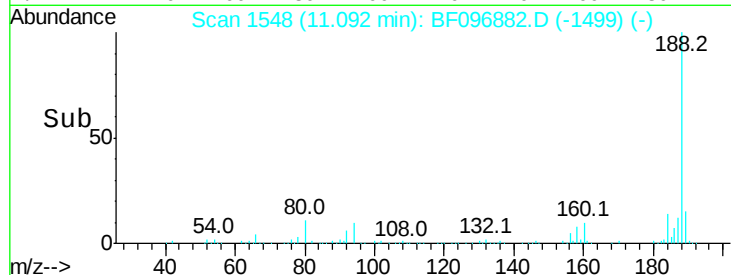
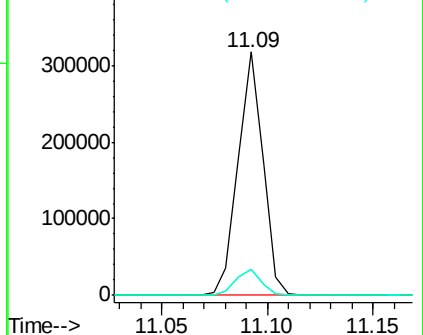
Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.5	9.4	14.2	
80	10.8	10.2	15.2	

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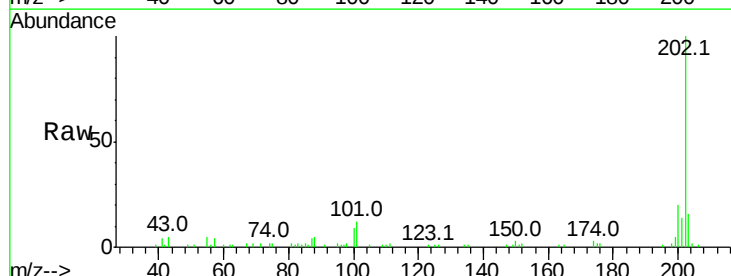


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

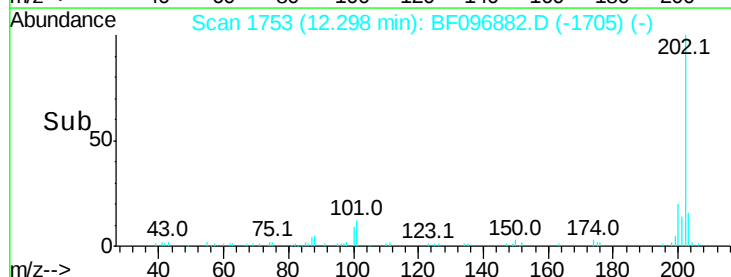
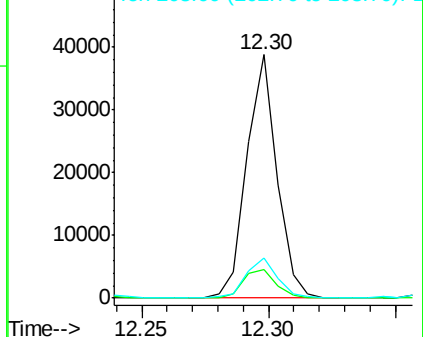


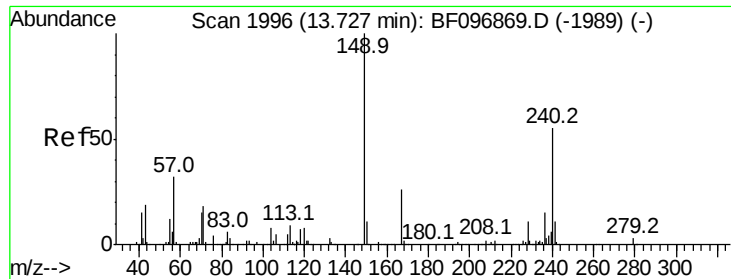
#74
Fluoranthene
Concen: 2.383 ng
RT: 12.30 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF096882.D
Acq: 19 Jul 2017 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.7	0.0	33.2	
203	16.4	0.0	38.1	



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.72 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF096882.D

Acq: 19 Jul 2017 20:56

Instrument :

BNA_F

ClientSampleId :

CL-01-071817-A

Tot Ion:240 Resp: 197998

Ion Ratio Lower Upper

240 100

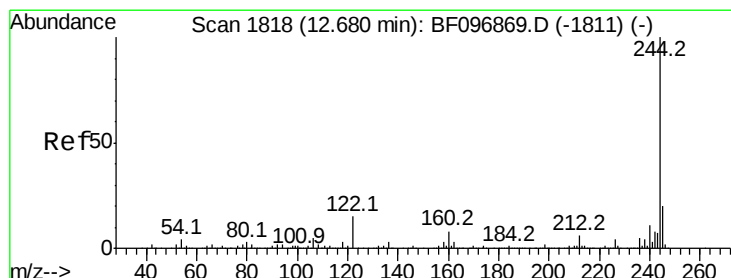
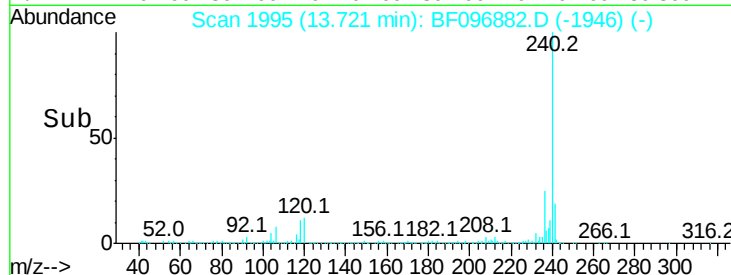
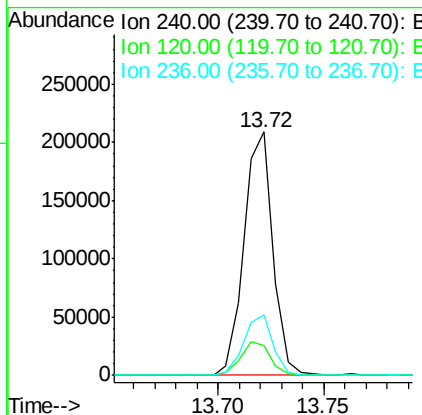
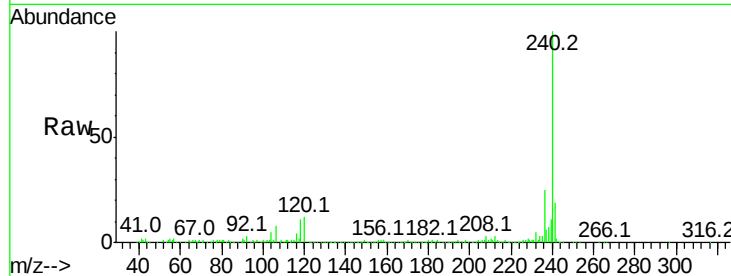
120 12.4 5.8 8.8#

236 24.9 20.5 30.7

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#78

Terphenyl-d14

Concen: 43.778 ng

RT: 12.68 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF096882.D

Acq: 19 Jul 2017 20:56

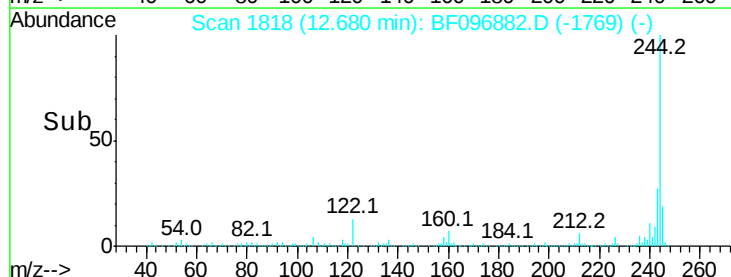
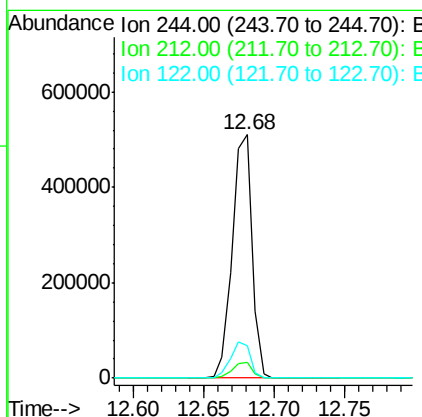
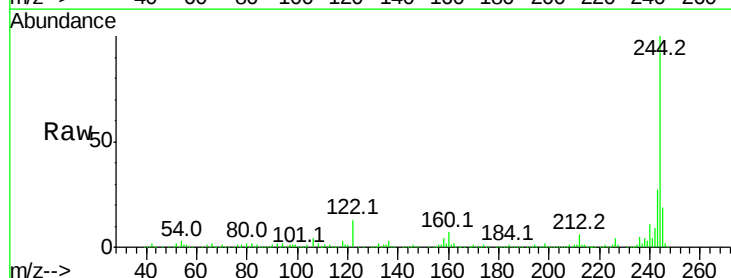
Tgt Ion:244 Resp: 499812

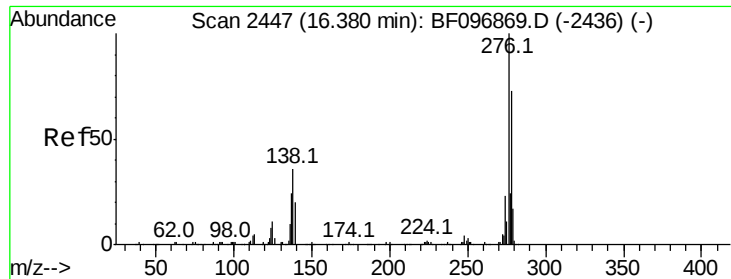
Ion Ratio Lower Upper

244 100

212 6.3 6.0 9.0

122 13.3 10.3 15.5





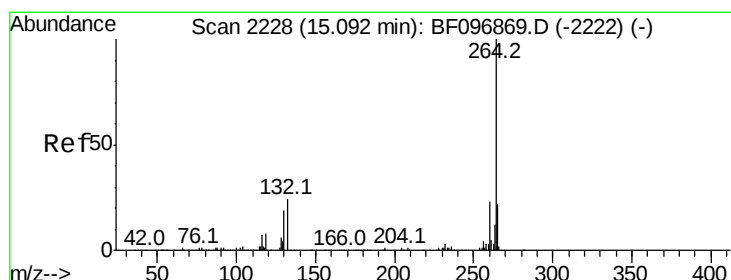
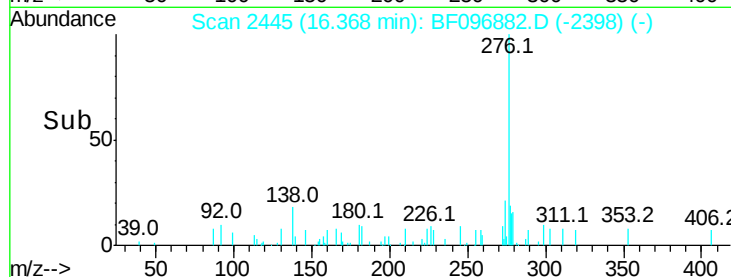
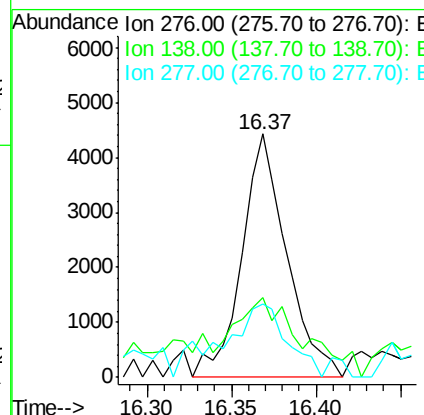
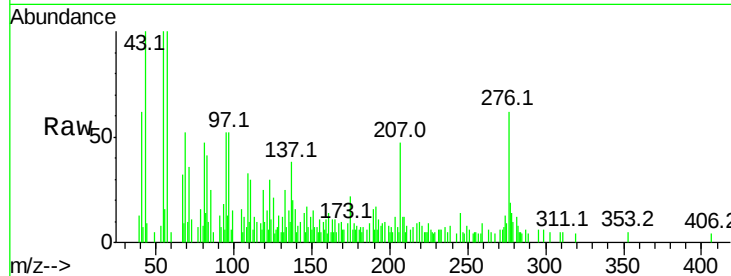
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.030 ng
RT: 16.37 min Scan# 2445
Delta R.T. -0.02 min
Lab File: BF096882.D
Acq: 19 Jul 2017 20:56

Instrument :
BNA_F
ClientSampleId :
CL-01-071817-A

Tot Ion	Ratio	Lower	Upper
276	100		
138	49.7	27.8	41.6#
277	37.0	20.2	30.4#

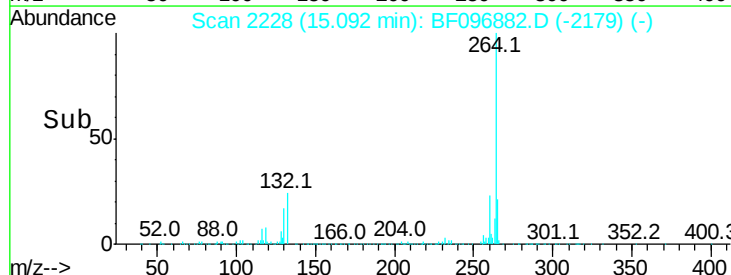
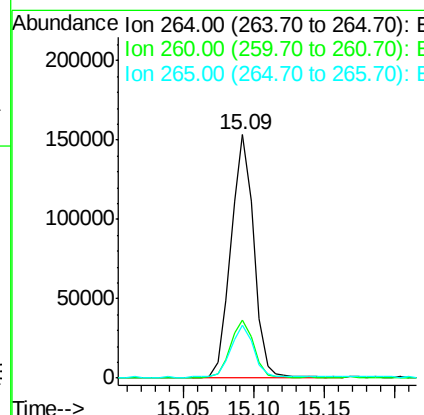
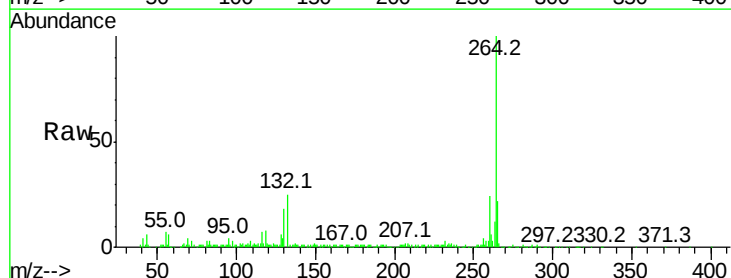
Manual Integrations
APPROVED

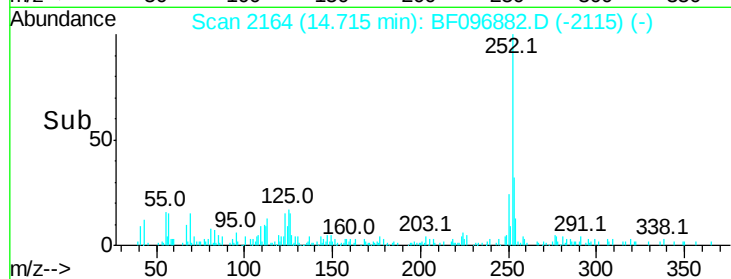
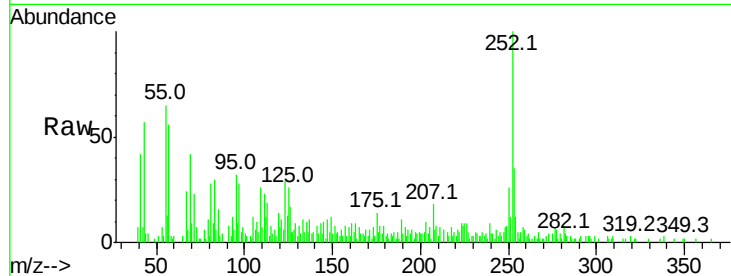
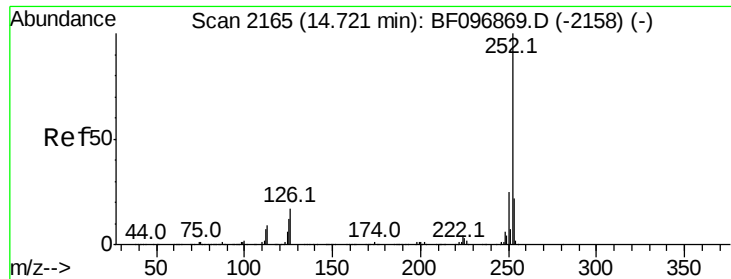
Sohil
7/20/2017 3:05:02 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BF096882.D
Acq: 19 Jul 2017 20:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 2.239 ng/mL

RT: 14.72 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BF096882.D

Acq: 19 Jul 2017 20:56

Instrument :

BNA_F

ClientSampleId :

CL-01-071817-A

Tot Ion:	252	Resp:	23444
Ion Ratio	Lower	Upper	
252	100		
253	34.7	18.1	27.1#
125	25.9	9.8	14.8#

Manual Integrations
APPROVED

Sohil
7/20/2017 3:05:02 PM

