

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
 Data File : BF096278.D
 Acq On : 29 Jun 2017 5:31
 Operator : SJ/MA
 Sample : I3909-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q6-BASE

Manual Integrations
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mohammad
 6/29/2017 6:00:04 PM

Quant Time: Jun 29 06:17:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	127341	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	509739	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	201253	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	330342	20.00	ng	0.00
75) Chrysene-d12	13.93	240	304845	20.00	ng	0.01
86) Perylene-d12	15.35	264	218035	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	970474	109.80	ng	0.02
7) Phenol-d6	6.41	99	1156183	108.03	ng	0.02
23) Nitrobenzene-d5	7.34	82	626223	85.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	212674	134.28	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	834325	75.92	ng	-0.01
78) Terphenyl-d14	12.88	244	710648	58.17	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.53	163	328946	22.84	ng	Qvalue 100
74) Fluoranthene	12.50	202	74619	4.07	ng	96
77) Pyrene	12.73	202	70917	2.83	ng	95
87) Benzo(b)fluoranthene	14.94	252	30621m	2.14	ng	

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

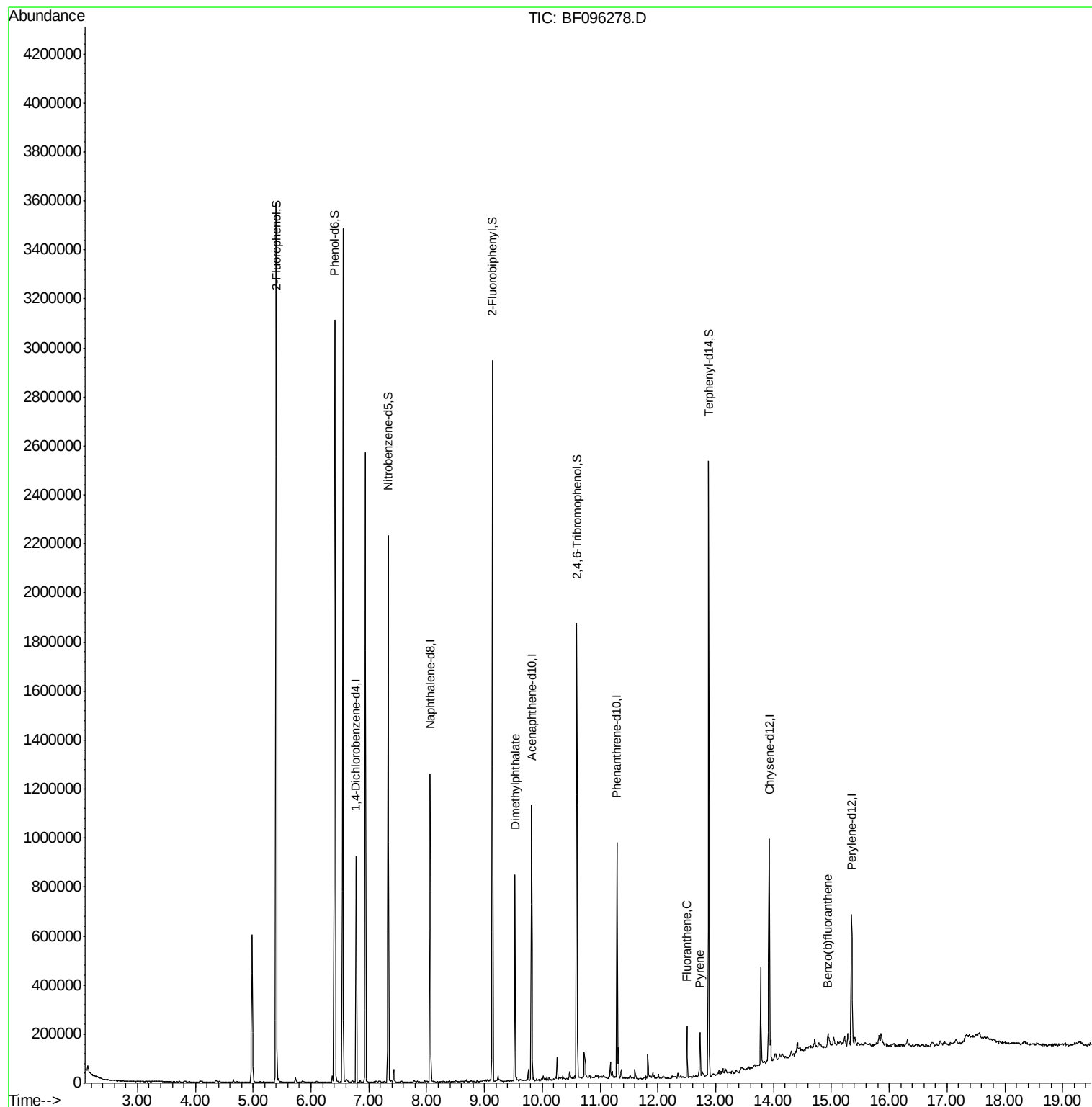
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096278.D
Acq On : 29 Jun 2017 5:31
Operator : SJ/MA
Sample : I3909-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

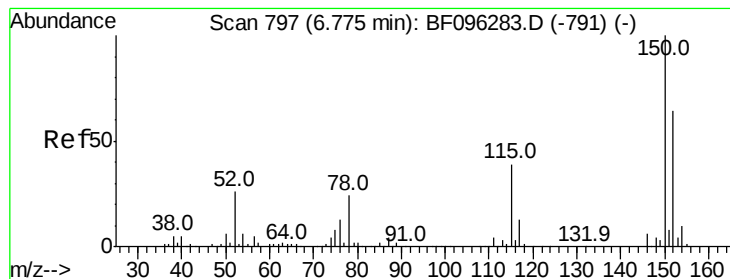
Instrument :
BNA_F
ClientSampleId :
E2-Q6-BASE

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6/29/2017 6:00:04 PM

Quant Time: Jun 29 06:17:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

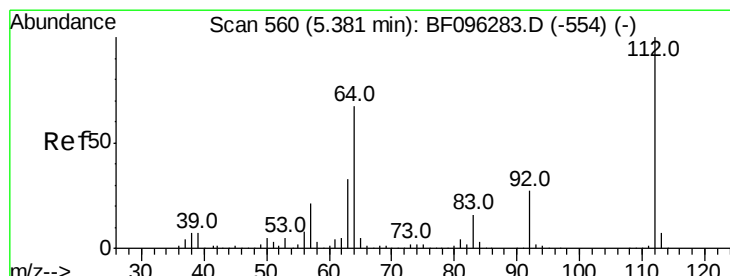
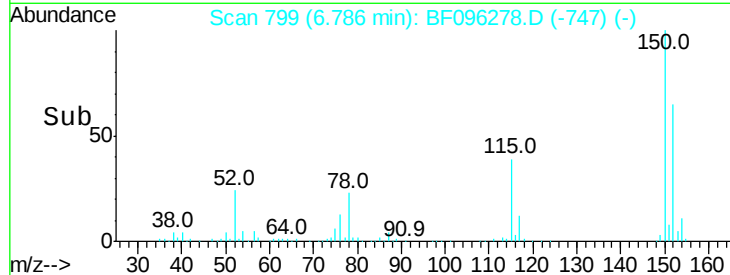
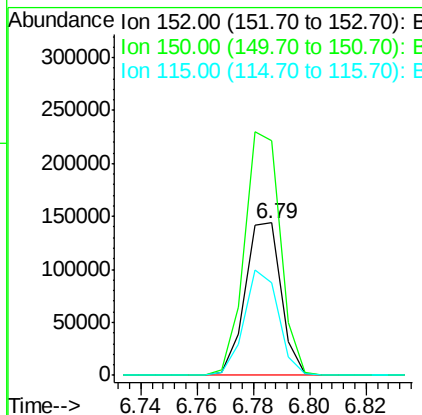
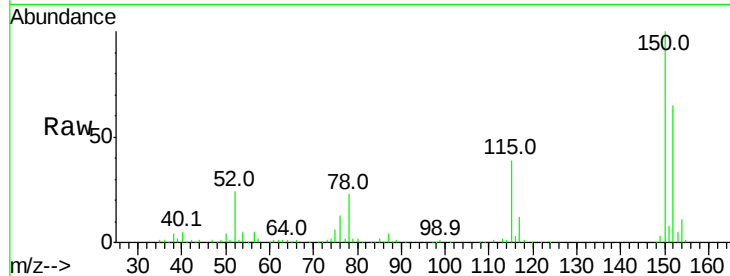
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.01 min
 Lab File: BF096278.D
 Acq: 29 Jun 2017 5:31

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q6-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.2	189.2
115	60.7	52.2	78.2

Manual Integrations
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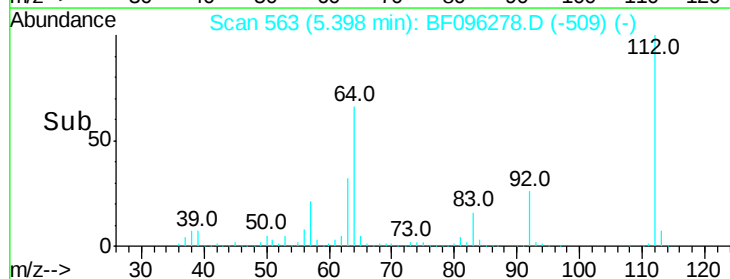
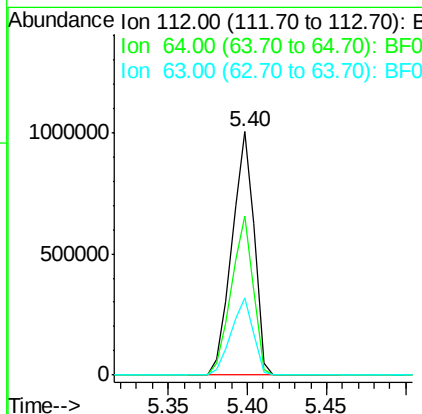
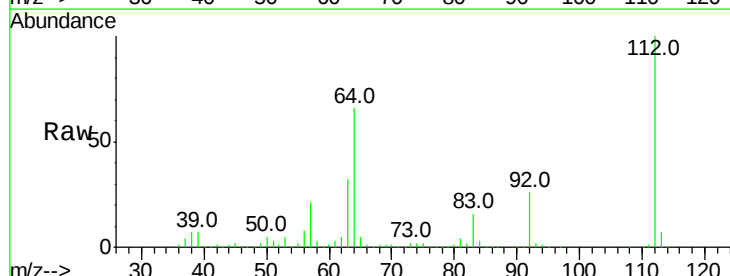
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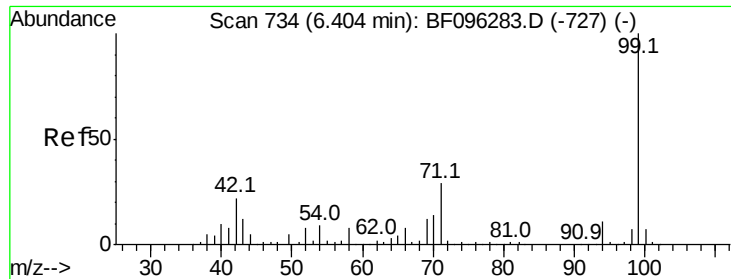


#5

2-Fluorophenol
 Concen: 109.80 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.02 min
 Lab File: BF096278.D
 Acq: 29 Jun 2017 5:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	46.0	69.0
63	31.6	23.4	35.0





#7

Phenol-d6

Concen: 108.03 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF096278.D

Acq: 29 Jun 2017 5:31

Instrument :

BNA_F

ClientSampled :

E2-Q6-BASE

Tot Ion: 99 Resp: 1156183

Ion Ratio Lower Upper

99 100

42 21.9 13.5 20.3#

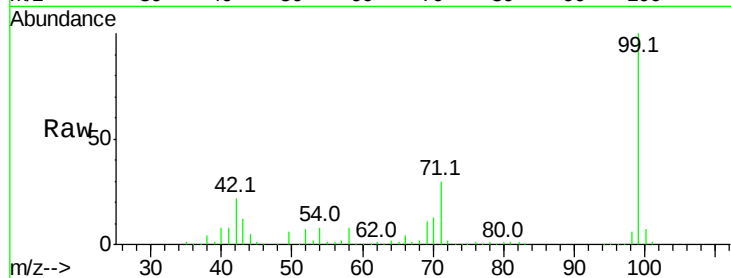
71 29.7 24.5 36.7

Manual Integrations

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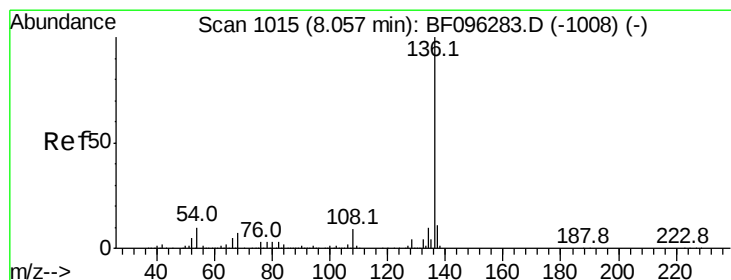
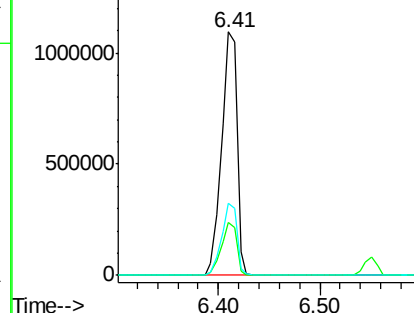
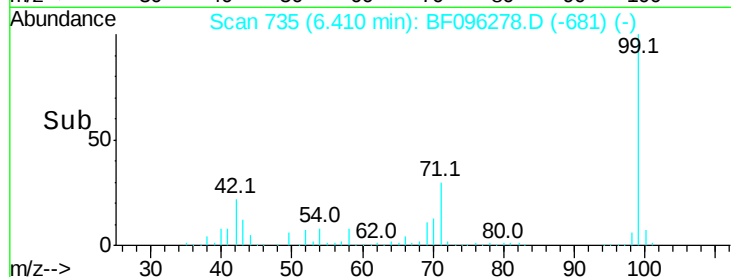
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF096278.D

Acq: 29 Jun 2017 5:31

Tgt Ion: 136 Resp: 509739

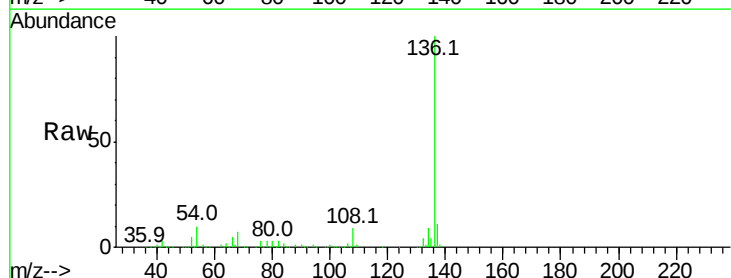
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 10.4 4.9 7.3#

68 7.0 4.1 6.1#

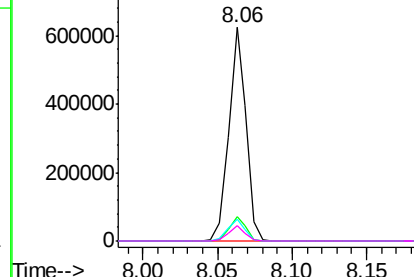
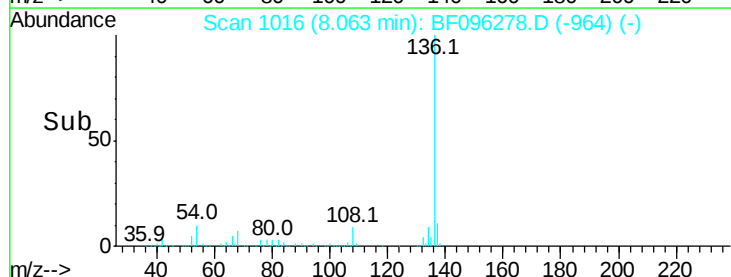


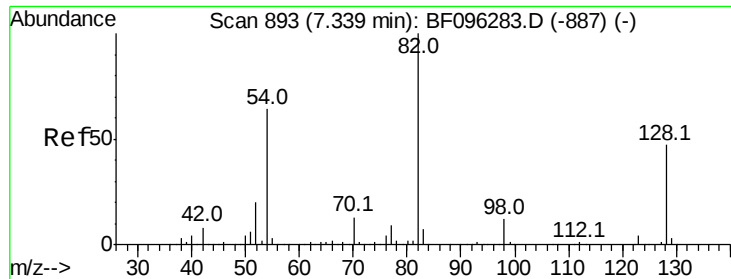
Abundance Ion 136.00 (135.70 to 136.70): E

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





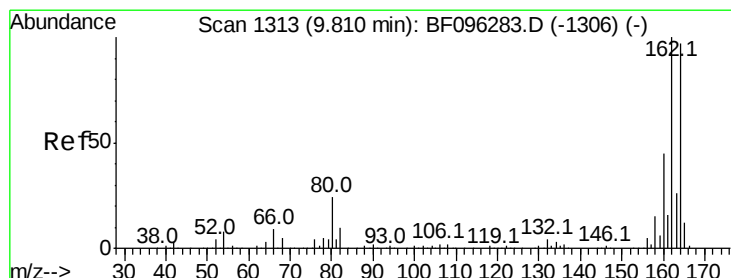
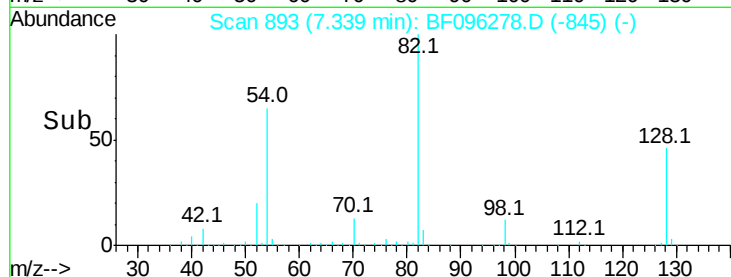
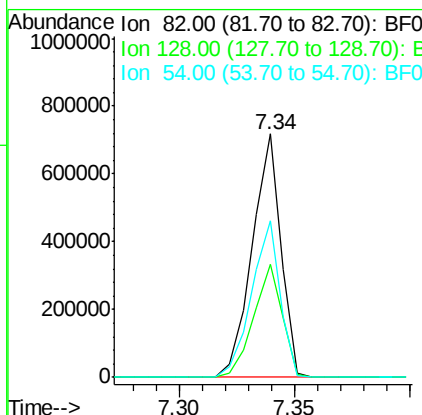
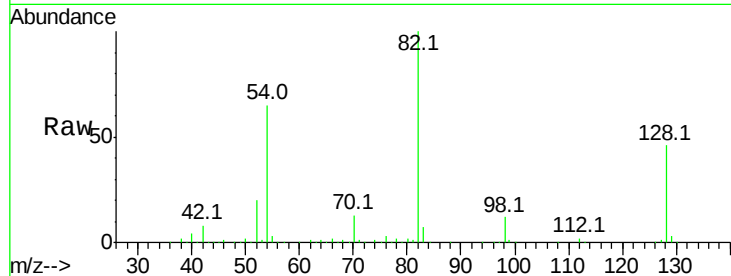
#23
Nitrobenzene-d5
Concen: 85.04 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF096278.D
Acq: 29 Jun 2017 5:31

Instrument :
BNA_F
ClientSampleId :
E2-Q6-BASE

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.0	51.0
54	64.5	42.2	63.2

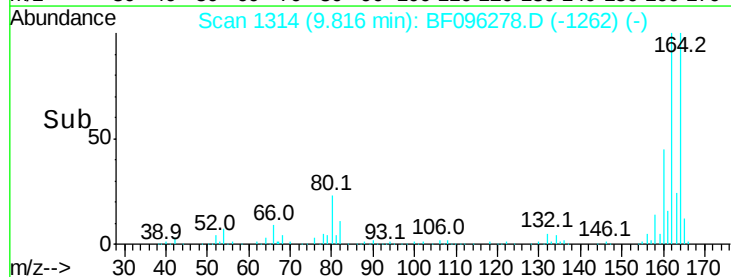
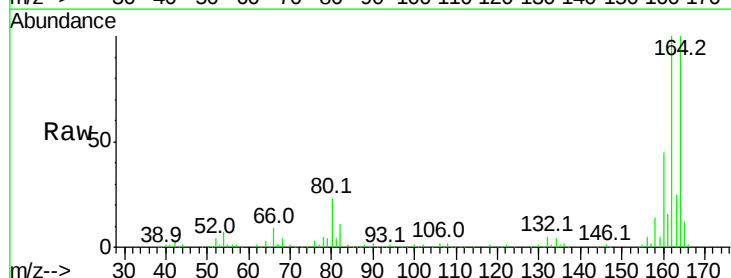
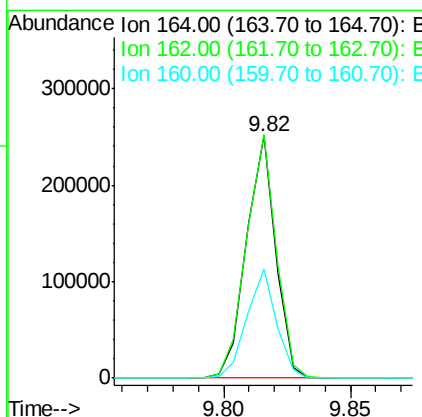
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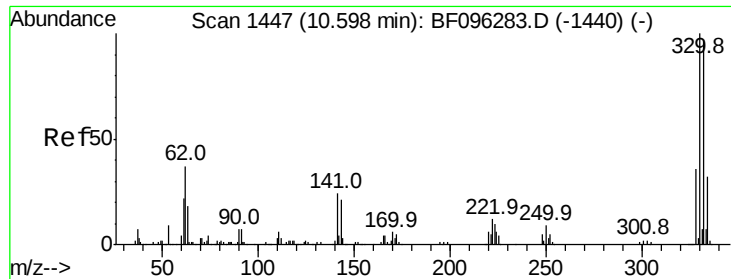
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF096278.D
Acq: 29 Jun 2017 5:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.6	123.8
160	45.2	36.2	54.2





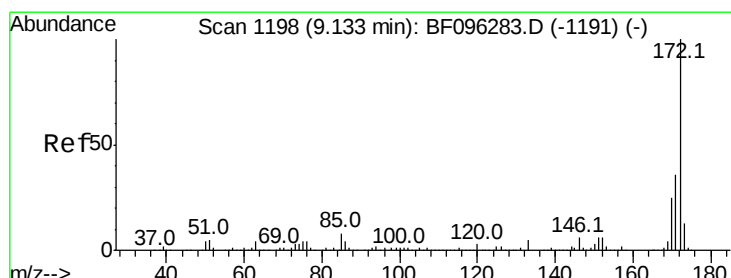
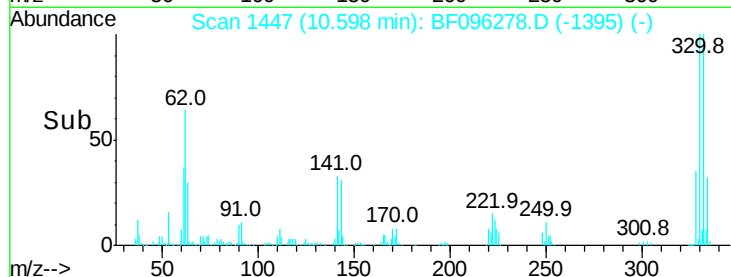
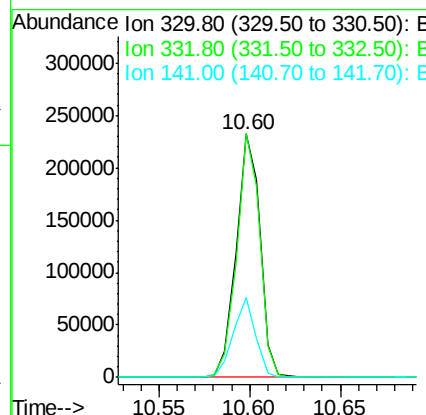
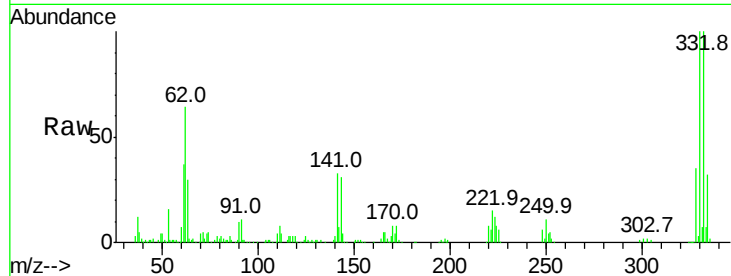
#41
 2,4,6-Tribromophenol
 Concen: 134.28 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF096278.D
 Acq: 29 Jun 2017 5:31

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q6-BASE

Tot Ion	Ratio	Resp	Lower	Upper
330	100	212674		
332	97.0	76.6	115.0	
141	30.8	31.4	47.2#	

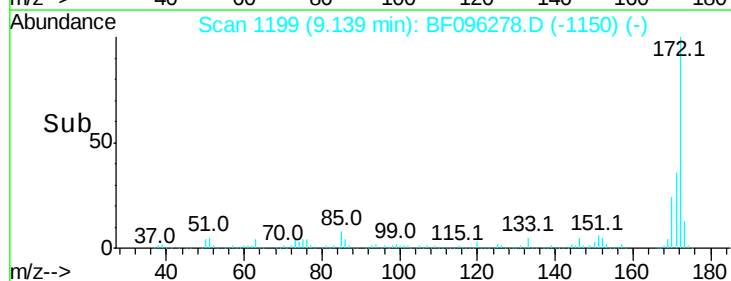
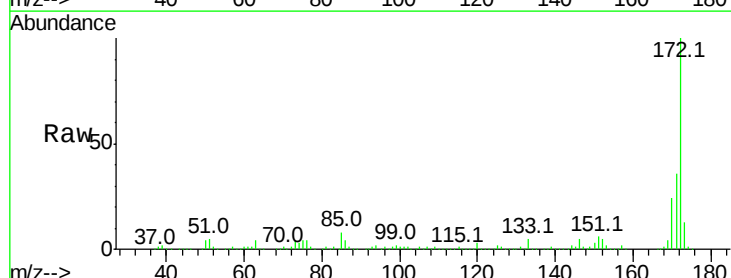
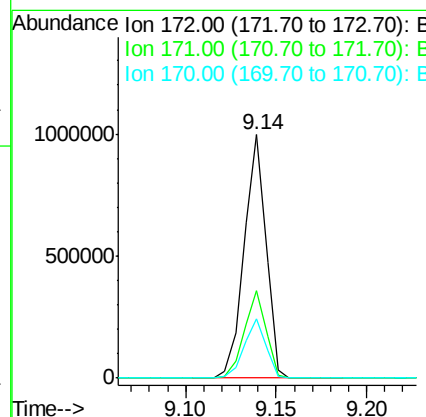
Manual Integrations
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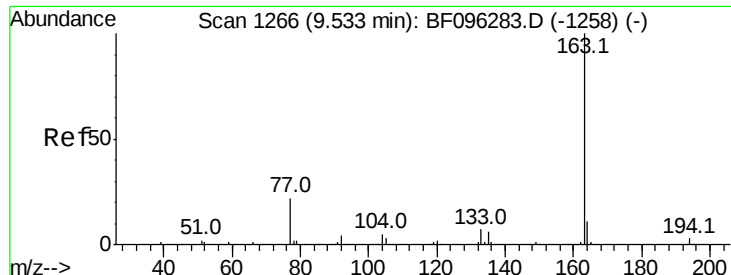
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#44
 2-Fluorobiphenyl
 Concen: 75.92 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF096278.D
 Acq: 29 Jun 2017 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	834325		
171	35.9	29.6	44.4	
170	24.1	19.8	29.8	





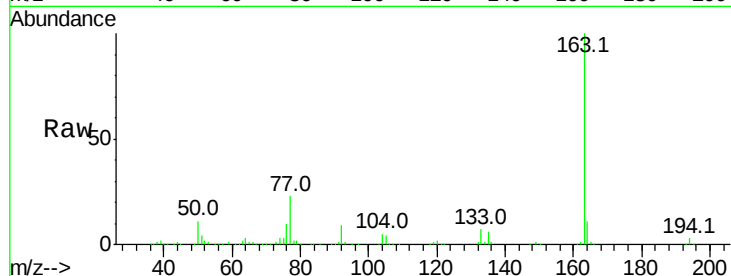
#49
Dimethylphthalate
Concen: 22.84 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF096278.D
Acq: 29 Jun 2017 5:31

Instrument :
BNA_F
ClientSampleId :
E2-Q6-BASE

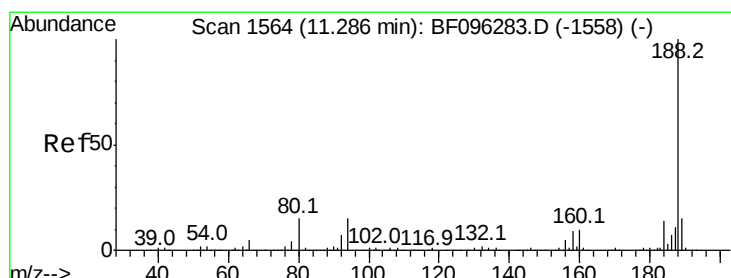
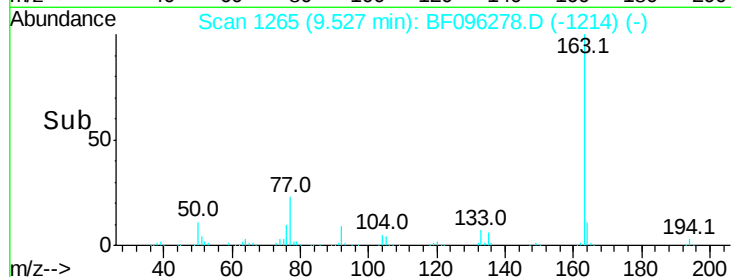
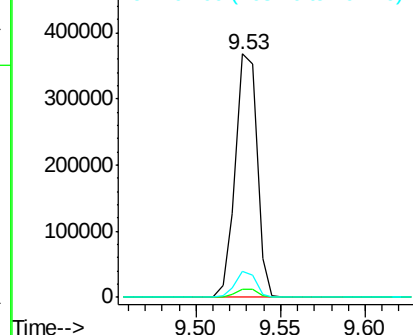
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.2	2.6	4.0	
164	10.5	8.4	12.6	

Manual Integrations
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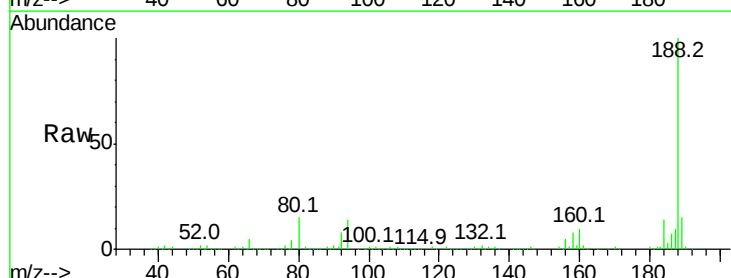


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

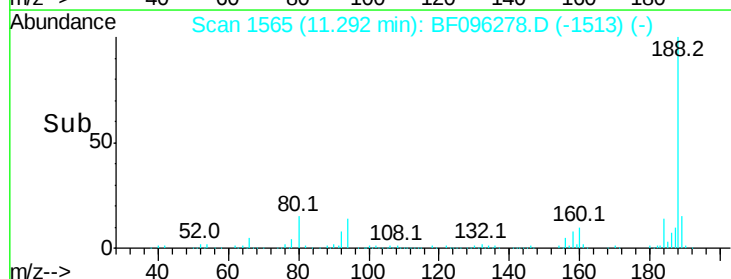
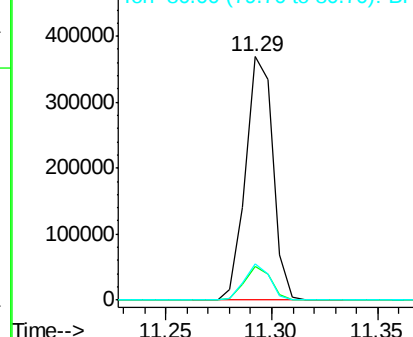


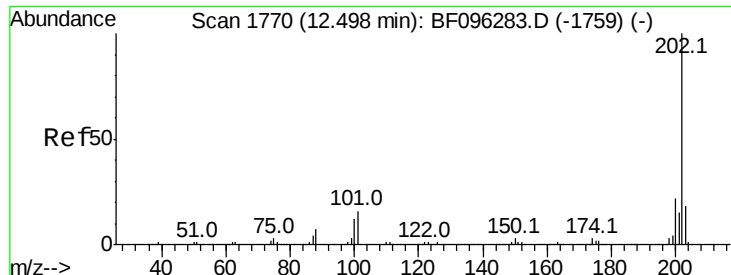
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF096278.D
Acq: 29 Jun 2017 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	13.7	9.4	14.2	
80	14.7	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





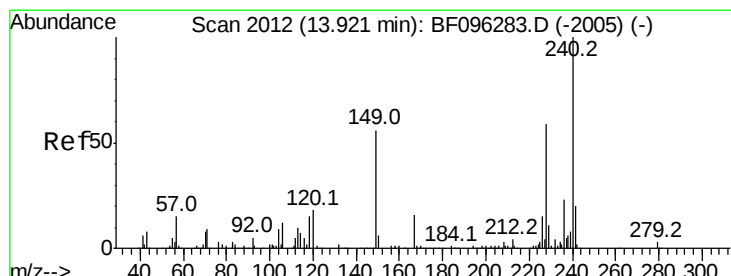
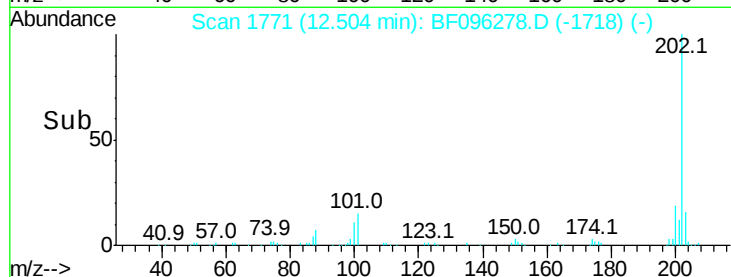
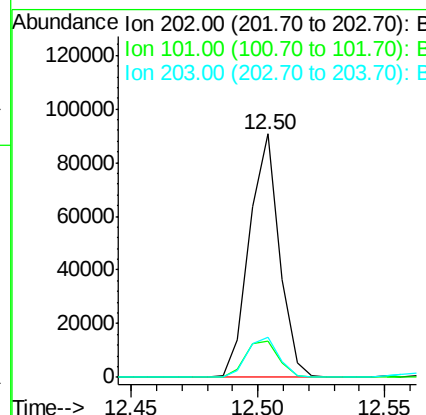
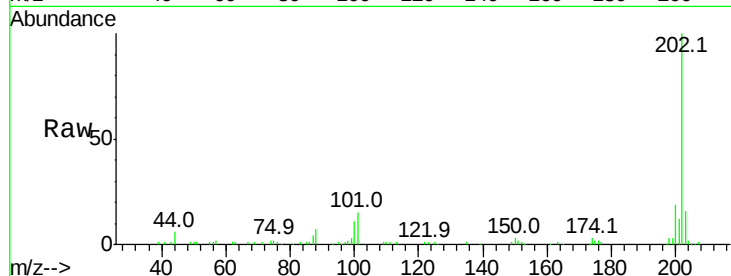
#74
Fluoranthene
 Concen: 4.07 ng
 RT: 12.50 min Scan# 1771
 Delta R.T. 0.01 min
 Lab File: BF096278.D
 Acq: 29 Jun 2017 5:31

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q6-BASE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.0	0.0	33.2
203	16.4	0.0	38.1

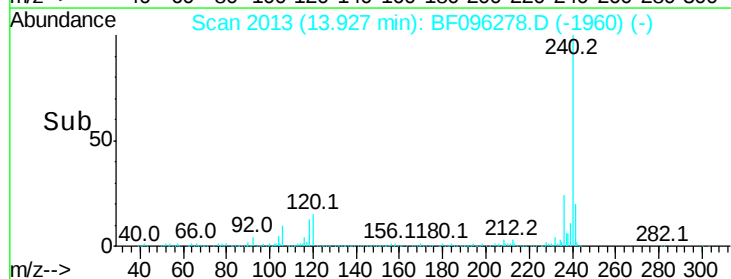
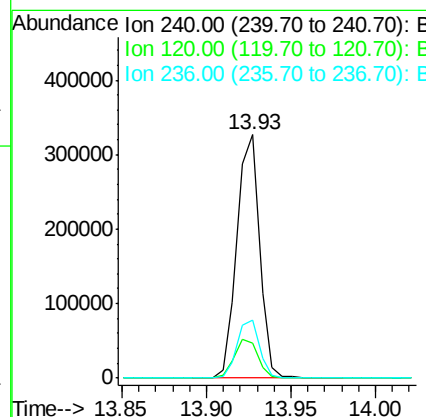
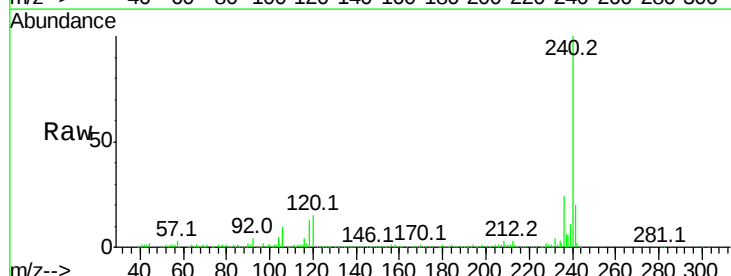
Manual Integrations
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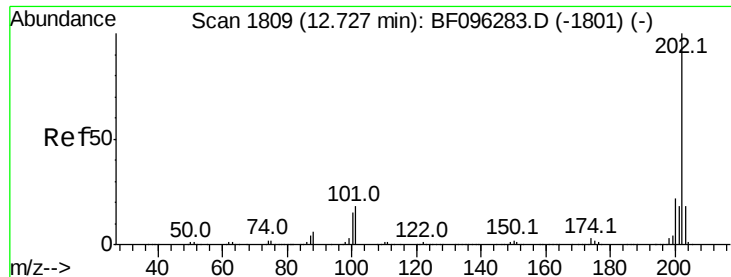
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF096278.D
 Acq: 29 Jun 2017 5:31

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	24.1	20.5	30.7





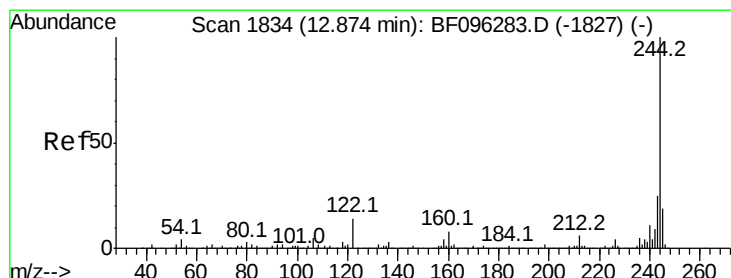
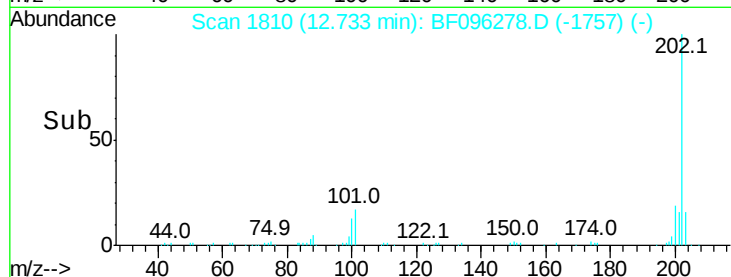
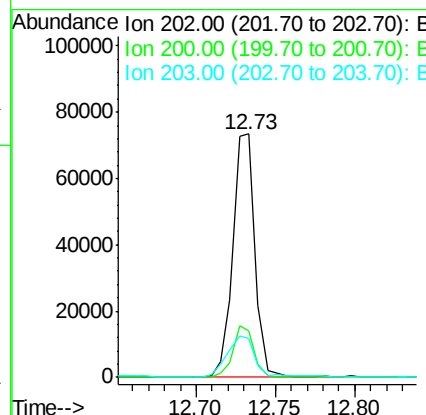
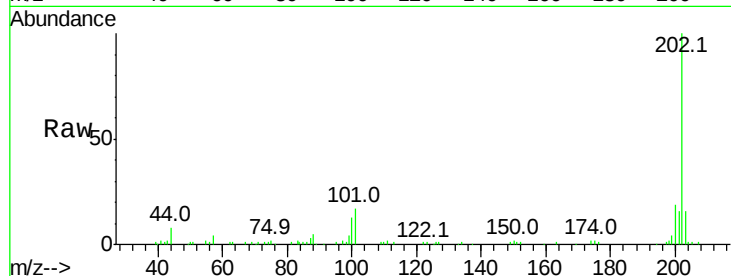
#77
Pvrene
Concen: 2.83 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.01 min
Lab File: BF096278.D
Acq: 29 Jun 2017 5:31

Instrument :
BNA_F
ClientSampleId :
E2-Q6-BASE

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.3	17.6	26.4
203	16.1	14.4	21.6

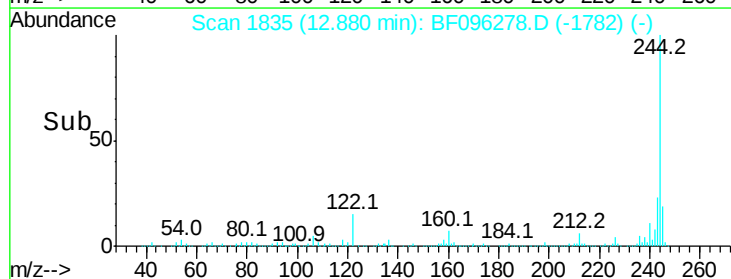
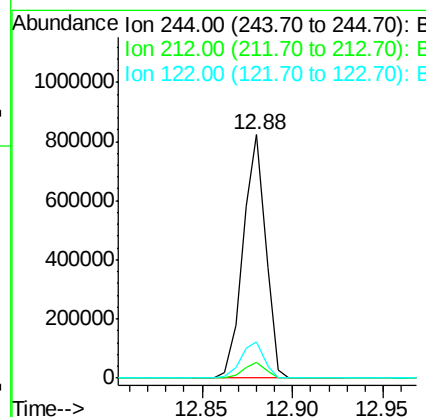
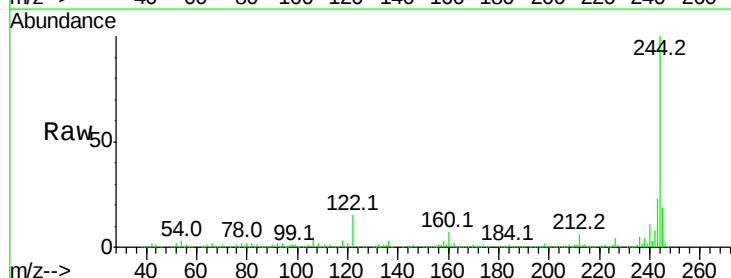
Manual Integrations
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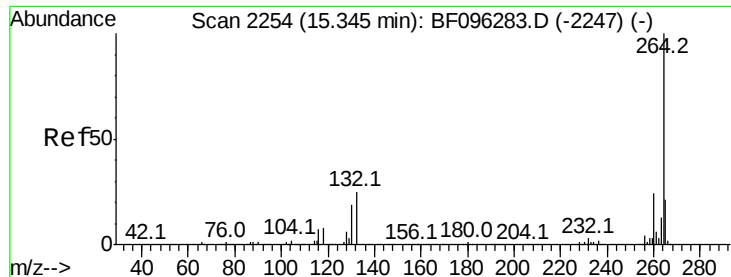
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#78
Terphenyl-d14
Concen: 58.17 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.01 min
Lab File: BF096278.D
Acq: 29 Jun 2017 5:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	14.9	10.3	15.5





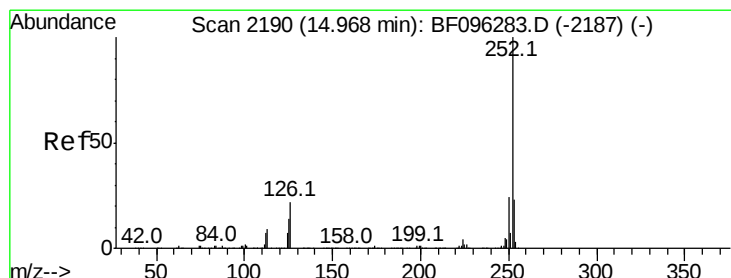
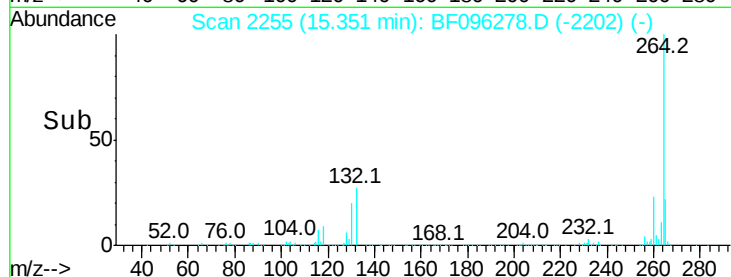
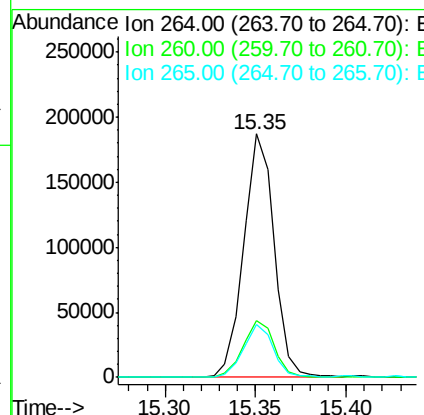
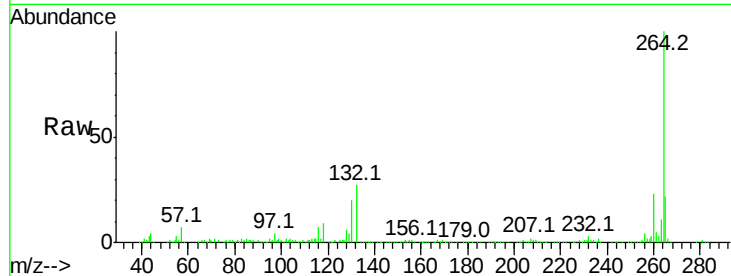
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF096278.D
Acq: 29 Jun 2017 5:31

Instrument :
BNA_F
ClientSampleId :
E2-Q6-BASE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.7	17.2	25.8

Manual Integrations
APPROVED

mohammad
6/29/2017 6:00:04 PM



#87
Benzo(b)fluoranthene
Concen: 2.14 ng m
RT: 14.94 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BF096278.D
Acq: 29 Jun 2017 5:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	23.3	9.8	14.8

