

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096347.D
 Acq On : 30 Jun 2017 20:20
 Operator : SJ/MA
 Sample : I3959-04 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-B

Manual Integrations
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 7/3/2017 11:37:11 AM

Quant Time: Jun 30 23:56:22 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	6.76	152	158462	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	640967	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	241850	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	326407	20.00	ng	-0.01
75) Chrysene-d12	13.90	240	310217	20.00	ng	-0.01
86) Perylene-d12	15.32	264	240360	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	241070	21.92	ng	-0.02
7) Phenol-d6	6.38	99	306719	23.03	ng	-0.01
23) Nitrobenzene-d5	7.31	82	159814	17.26	ng	-0.05
41) 2,4,6-Tribromophenol	10.57	330	49673	26.10	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	285874	21.65	ng	-0.03
78) Terphenyl-d14	12.86	244	172652	13.89	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.51	163	51791	2.99	ng	Qvalue # 96
74) Fluoranthene	12.48	202	114035	6.29	ng	95
77) Pyrene	12.71	202	101979	4.00	ng	98
87) Benzo(b)fluoranthene	14.92	252	32403m	2.05	ng	

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

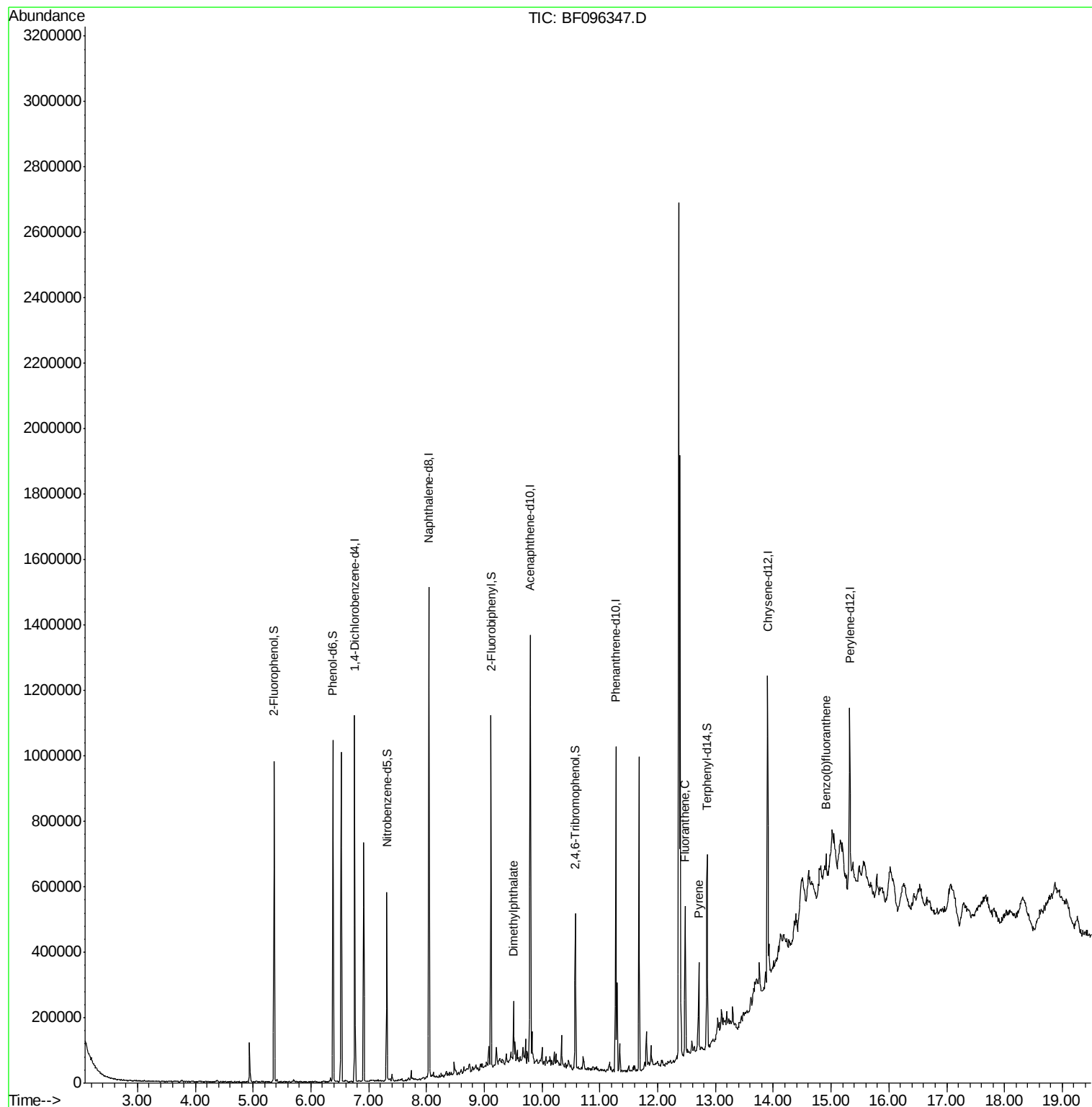
Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
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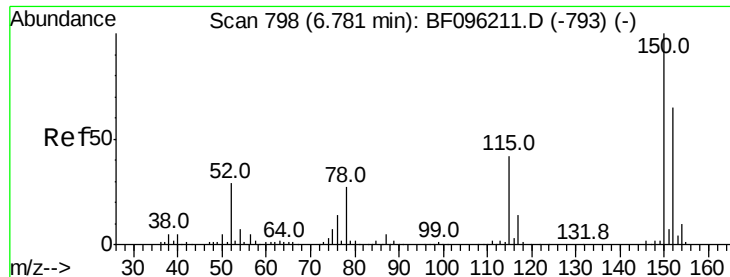
Instrument :
BNA_F
ClientSampleId :
BU-03-062717-B

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#1

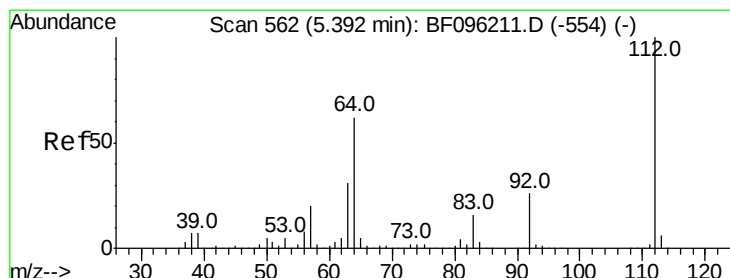
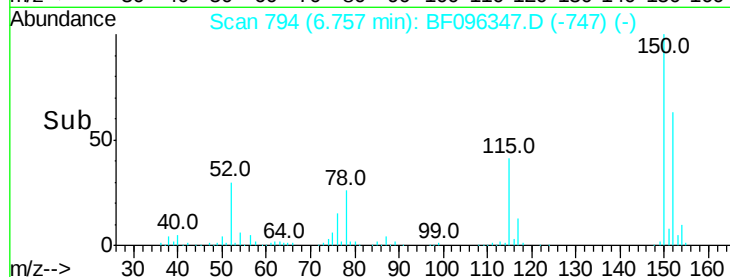
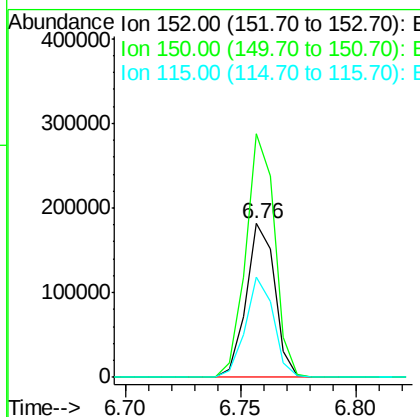
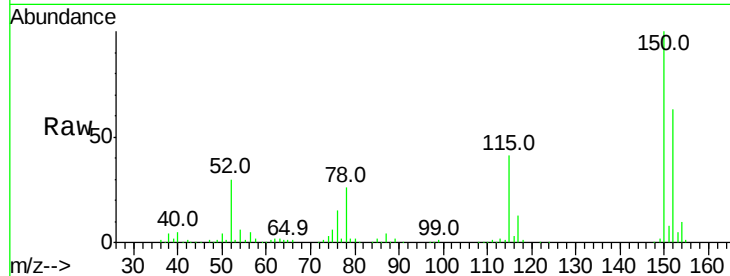
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF096347.D
Acq: 30 Jun 2017 20:20

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.2	189.2
115	64.9	52.2	78.2

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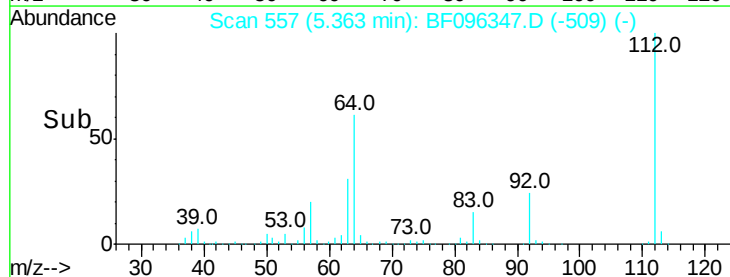
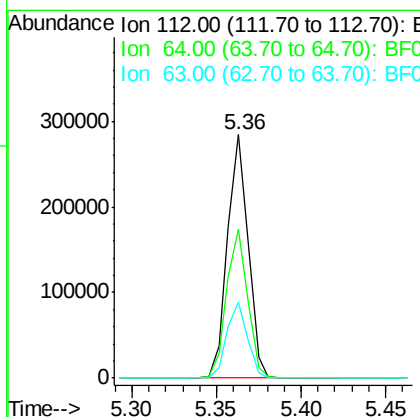
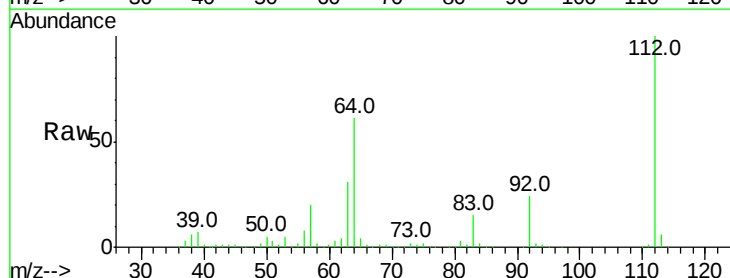
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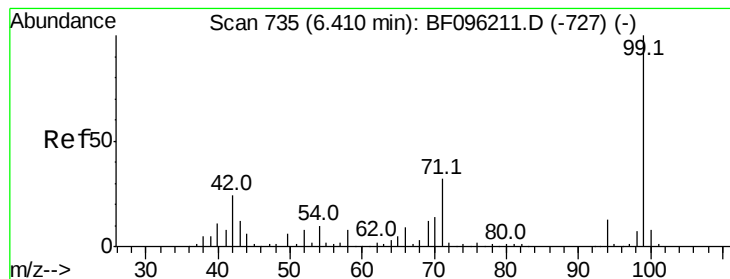


#5

2-Fluorophenol
Concen: 21.92 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF096347.D
Acq: 30 Jun 2017 20:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	46.0	69.0
63	31.1	23.4	35.0





#7

Phenol-d6

Concen: 23.03 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF096347.D

Acq: 30 Jun 2017 20:20

Instrument :

BNA_F

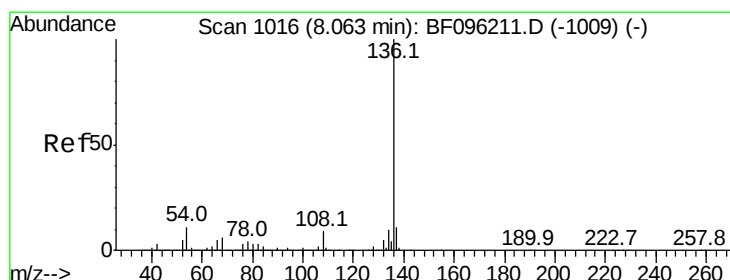
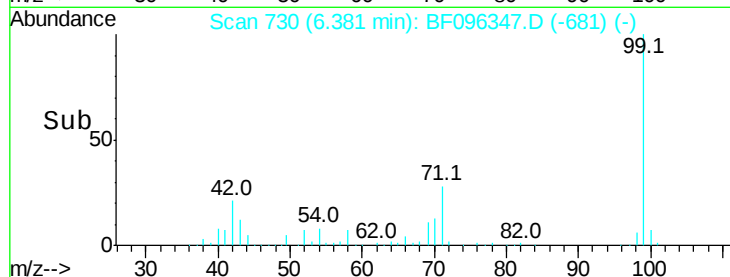
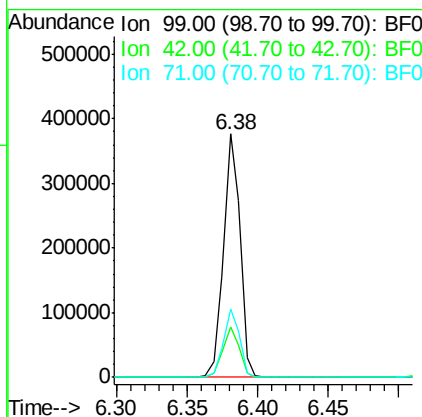
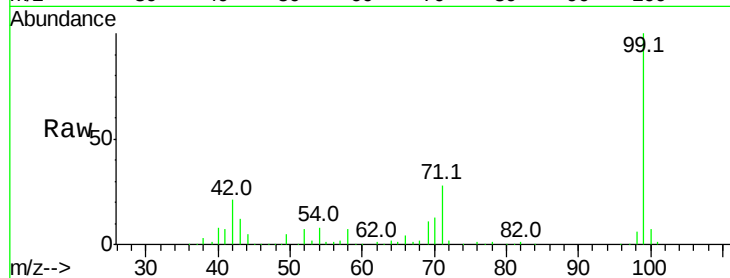
ClientSampleId :

BU-03-062717-B

Tot Ion	99	Resp	306719
Ion Ratio	Lower	Upper	
99	100		
42	20.8	13.5	20.3#
71	28.1	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

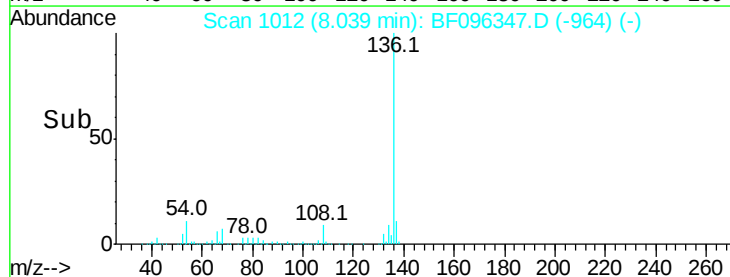
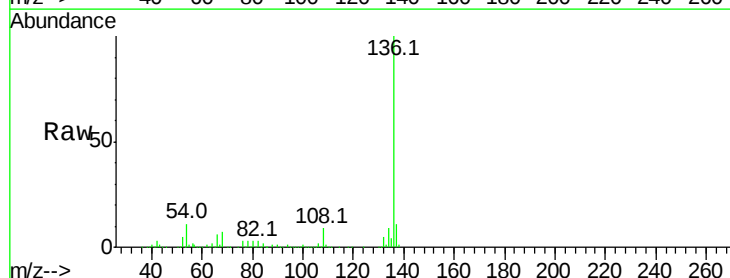
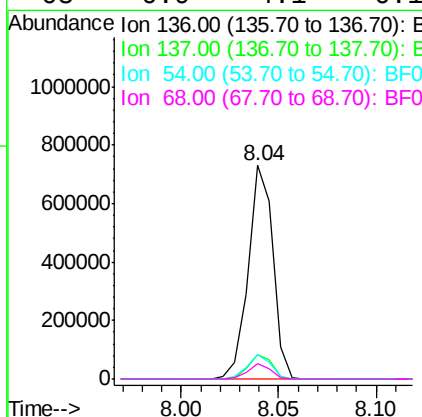
RT: 8.04 min Scan# 1012

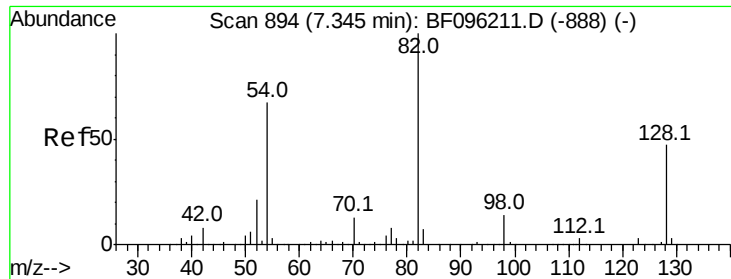
Delta R.T. -0.02 min

Lab File: BF096347.D

Acq: 30 Jun 2017 20:20

Tgt Ion	136	Resp	640967
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.5	12.7
54	11.2	4.9	7.3#
68	6.9	4.1	6.1#





#23

Nitrobenzene-d5

Concen: 17.26 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.05 min

Lab File: BF096347.D

Acq: 30 Jun 2017 20:20

Instrument :

BNA_F

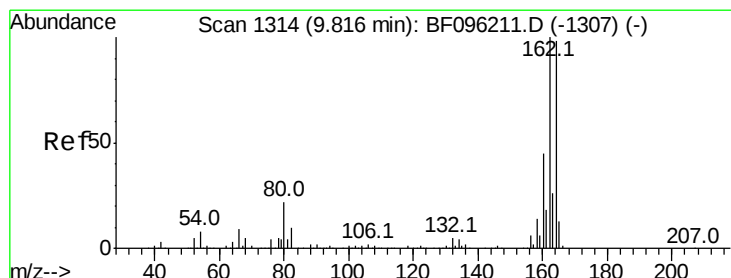
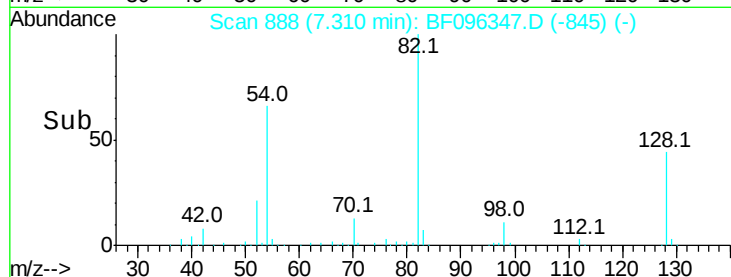
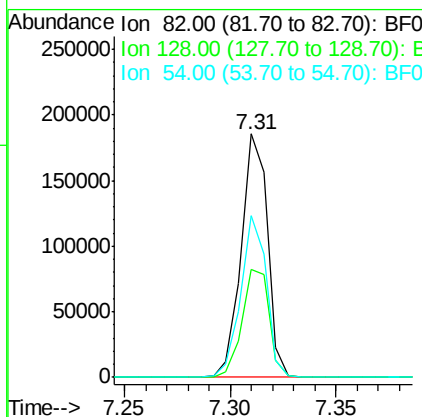
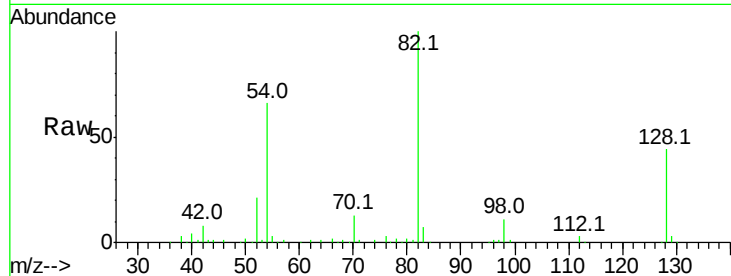
ClientSampleId :

BU-03-062717-B

Tot Ion:	82	Resp:	159814
Ion Ratio	Lower	Upper	
82	100		
128	44.2	34.0	51.0
54	66.3	42.2	63.2

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#38

Acenaphthene-d10

Concen: 20.00 ng

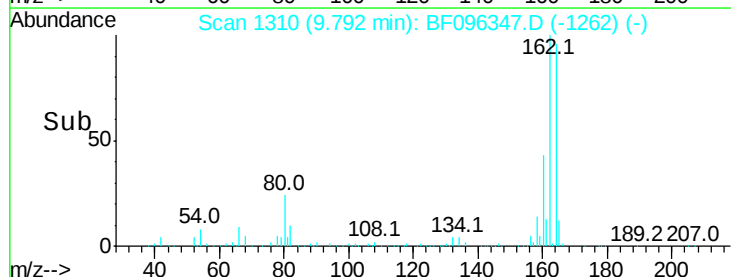
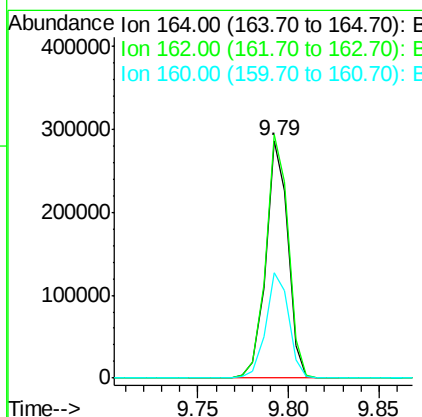
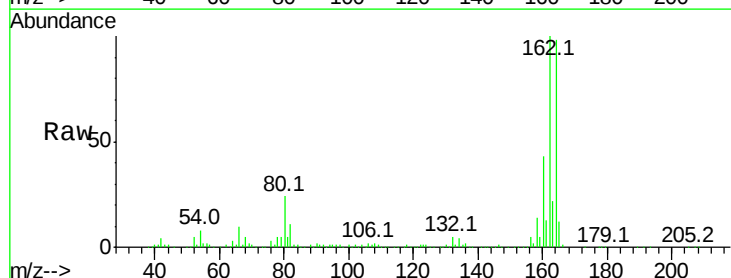
RT: 9.79 min Scan# 1310

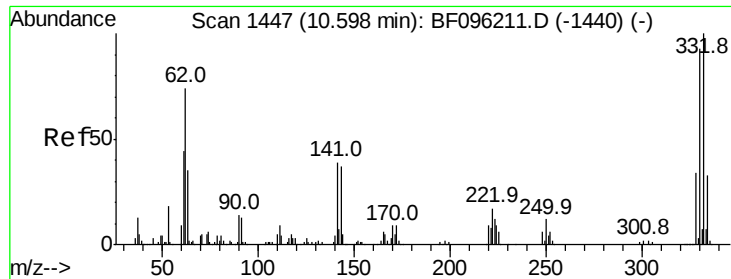
Delta R.T. -0.02 min

Lab File: BF096347.D

Acq: 30 Jun 2017 20:20

Tgt Ion:	164	Resp:	241850
Ion Ratio	Lower	Upper	
164	100		
162	102.5	82.6	123.8
160	44.3	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 26.10 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.02 min

Lab File: BF096347.D

Acq: 30 Jun 2017 20:20

Instrument :

BNA_F

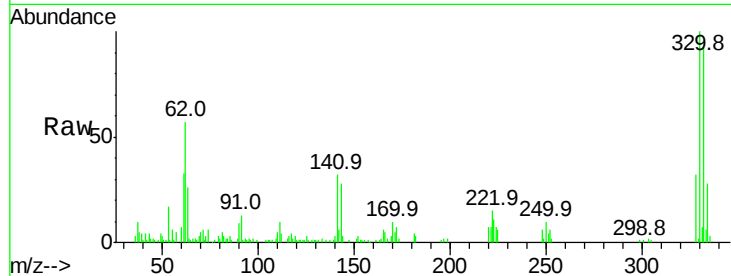
ClientSampleId :

BU-03-062717-B

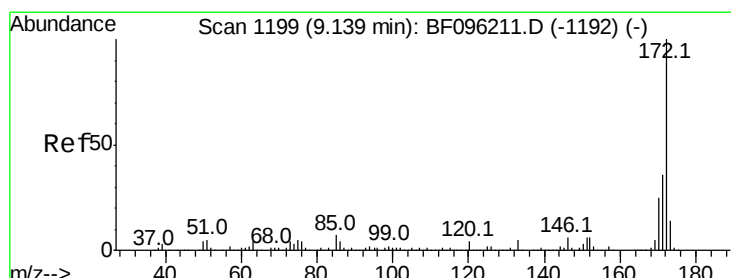
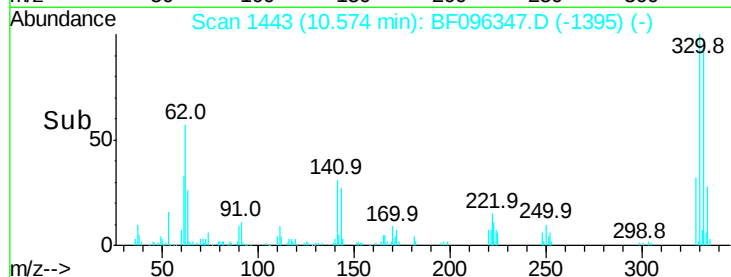
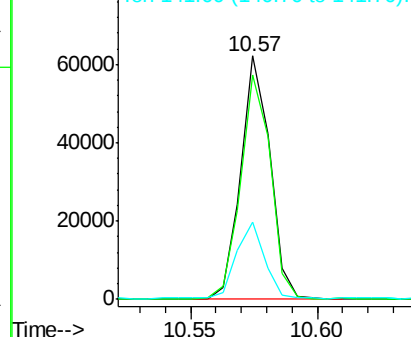
Tot Ion:	330	Resp:	49673
Ion Ratio	Lower	Upper	
330	100		
332	94.6	76.6	115.0
141	32.6	31.4	47.2

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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: 21.65 ng

RT: 9.12 min Scan# 1195

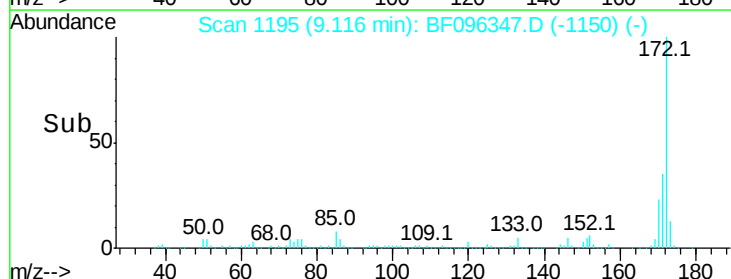
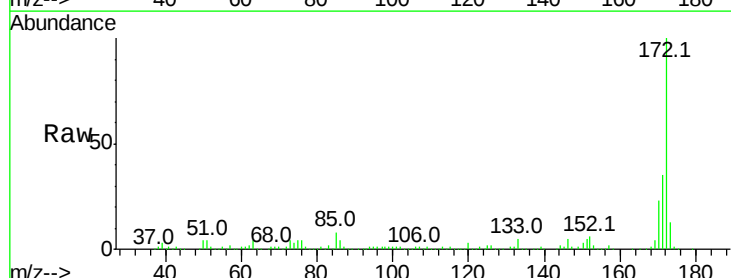
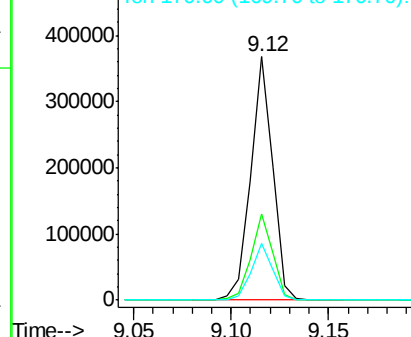
Delta R.T. -0.03 min

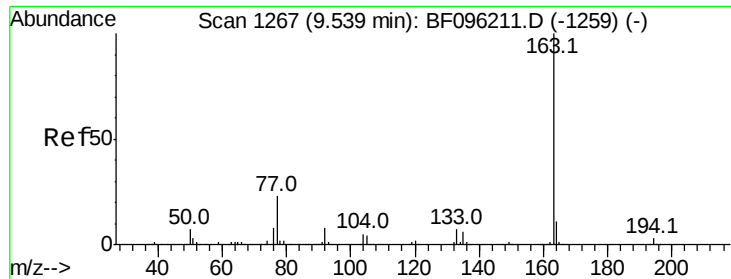
Lab File: BF096347.D

Acq: 30 Jun 2017 20:20

Tgt Ion:	172	Resp:	285874
Ion Ratio	Lower	Upper	
172	100		
171	35.2	29.6	44.4
170	23.1	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





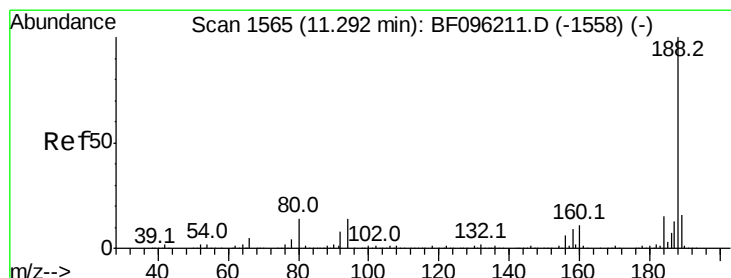
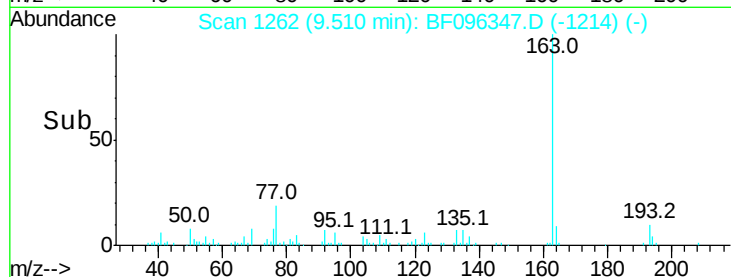
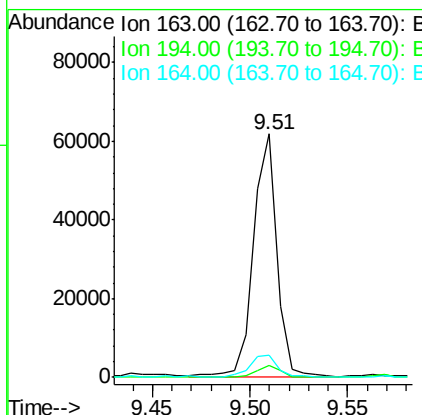
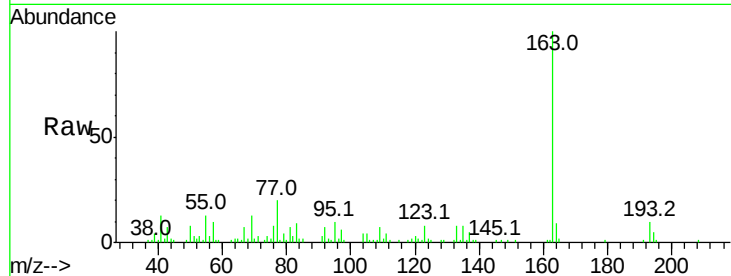
#49
Dimethylphthalate
Concen: 2.99 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF096347.D
Acq: 30 Jun 2017 20:20

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-B

Tot Ion	Ratio	Resp	Lower	Upper
163	100	51791		
194	4.9	2.6	4.0#	
164	9.3	8.4	12.6	

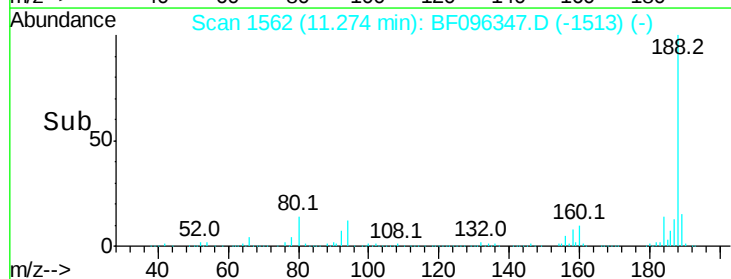
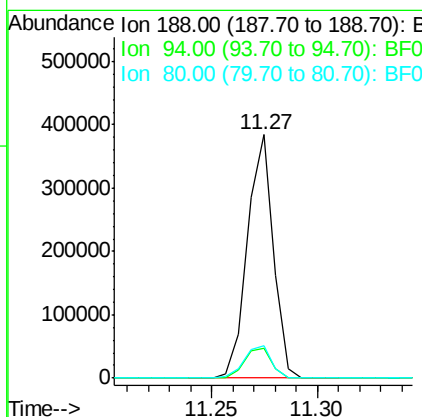
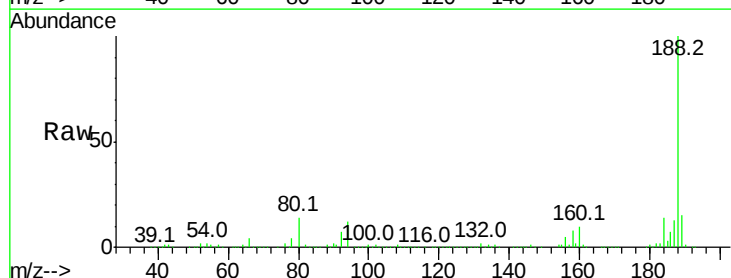
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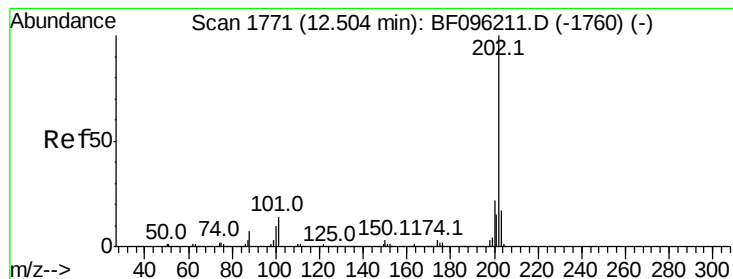
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF096347.D
Acq: 30 Jun 2017 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	326407		
94	12.4	9.4	14.2	
80	13.5	10.2	15.2	





#74

Fluoranthene

Concen: 6.29 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BF096347.D

Acq: 30 Jun 2017 20:20

Instrument :

BNA_F

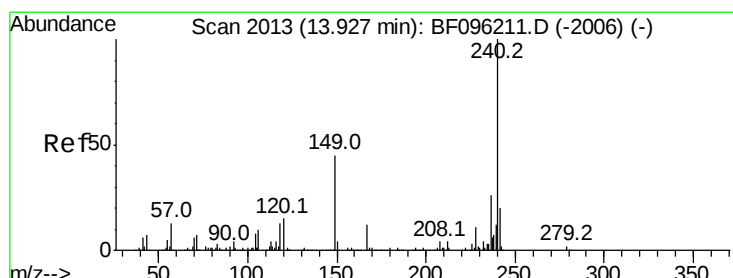
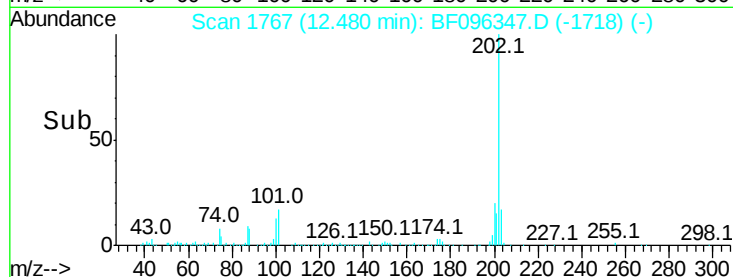
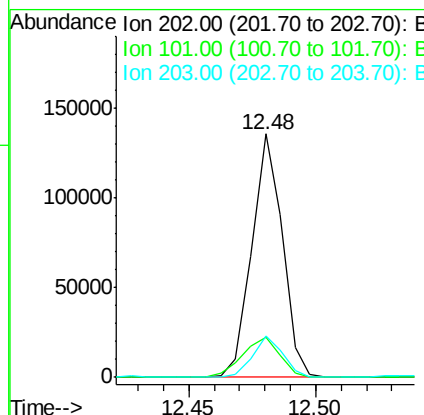
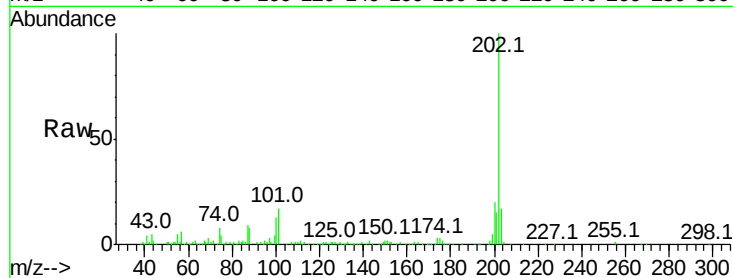
ClientSampleId :

BU-03-062717-B

Tot Ion:	202	Resp:	114035
Ion Ratio	Lower	Upper	
202	100		
101	16.6	0.0	33.2
203	17.0	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

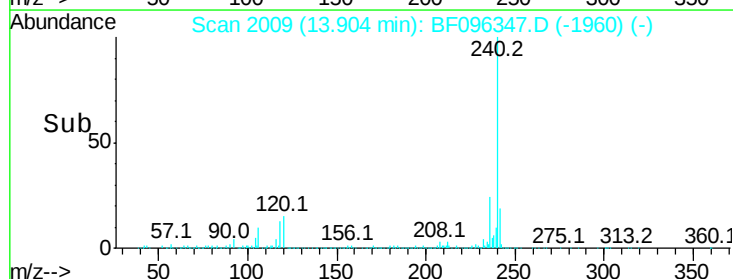
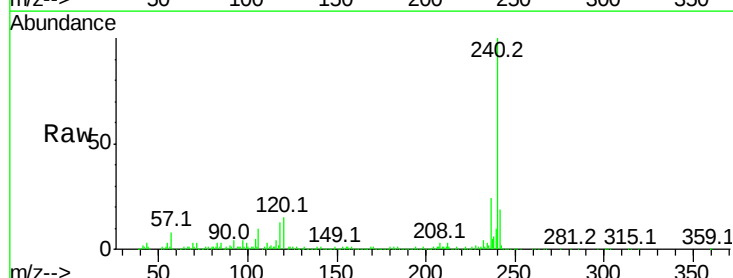
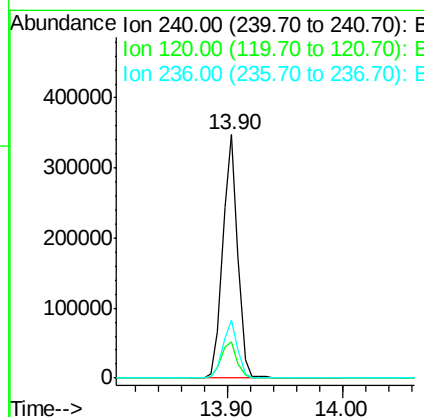
RT: 13.90 min Scan# 2009

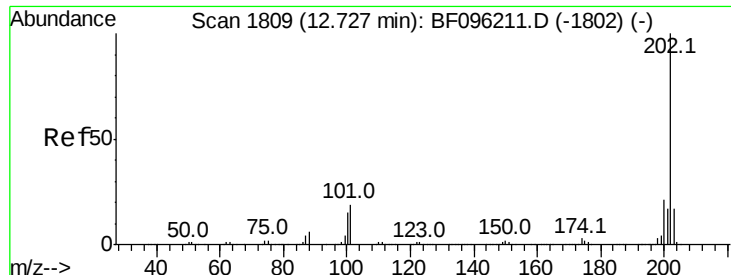
Delta R.T. -0.01 min

Lab File: BF096347.D

Acq: 30 Jun 2017 20:20

Tgt Ion:	240	Resp:	310217
Ion Ratio	Lower	Upper	
240	100		
120	15.1	5.8	8.8#
236	24.0	20.5	30.7





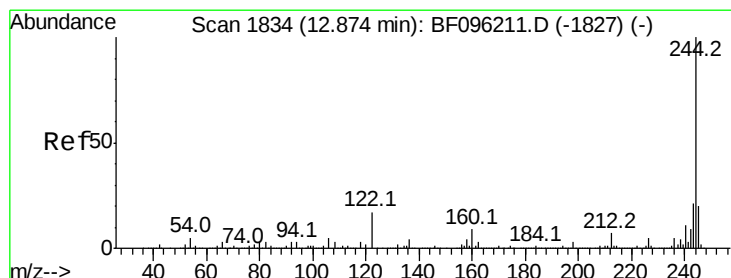
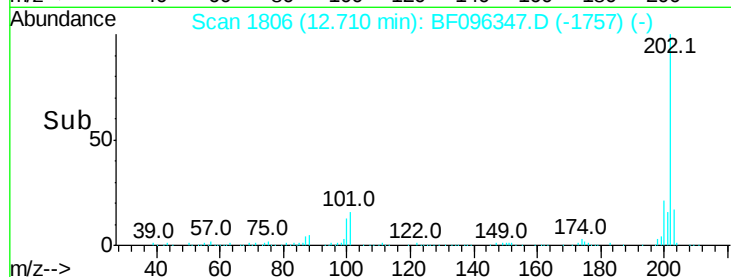
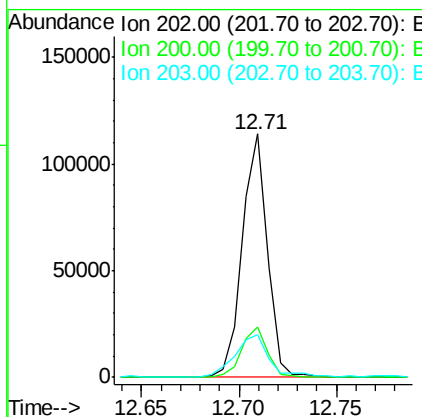
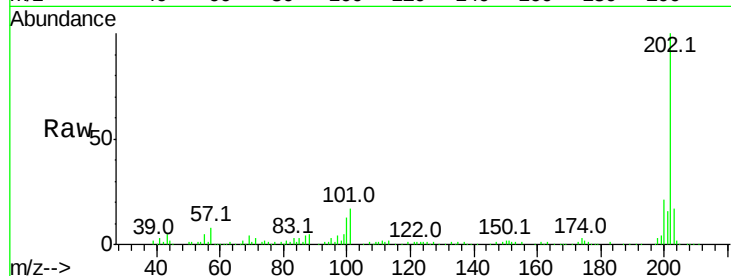
#77
Pvrene
Concen: 4.00 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF096347.D
Acq: 30 Jun 2017 20:20

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-B

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.9	17.6	26.4
203	17.4	14.4	21.6

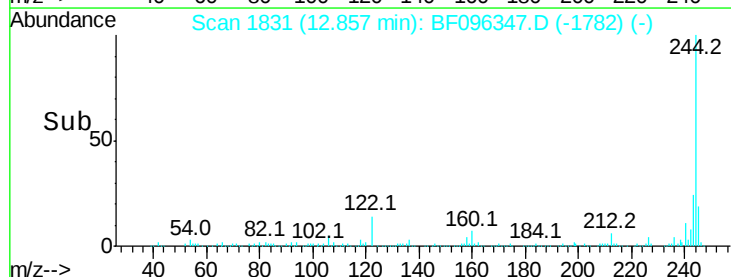
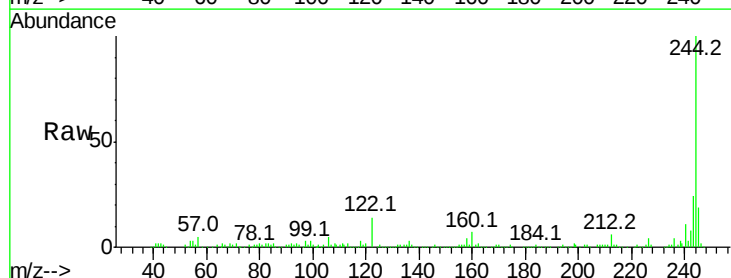
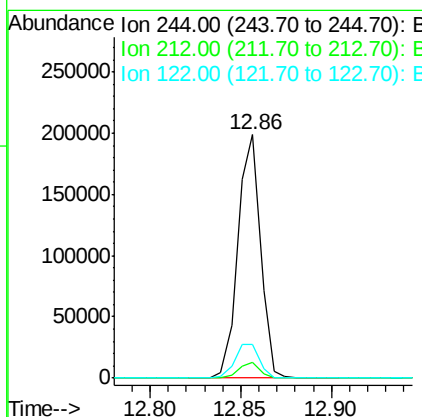
Manual Integrations
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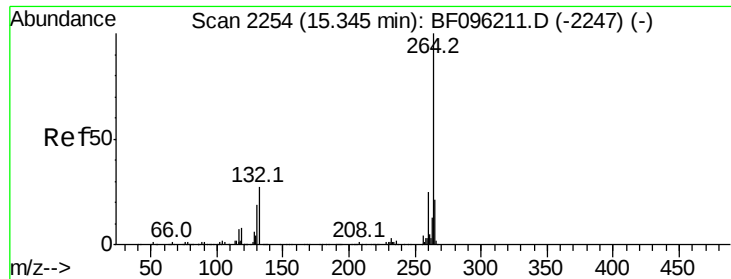
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#78
Terphenyl-d14
Concen: 13.89 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF096347.D
Acq: 30 Jun 2017 20:20

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.3	6.0	9.0
122	13.9	10.3	15.5





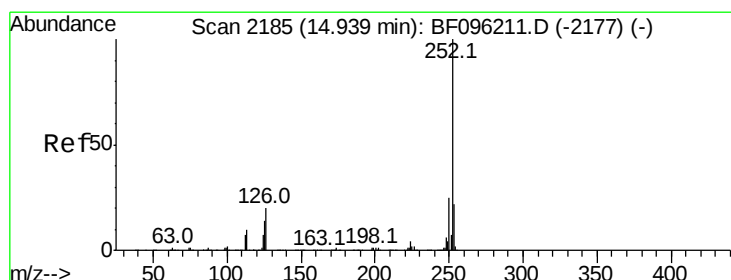
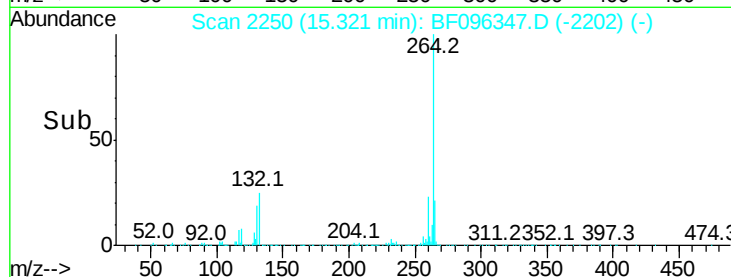
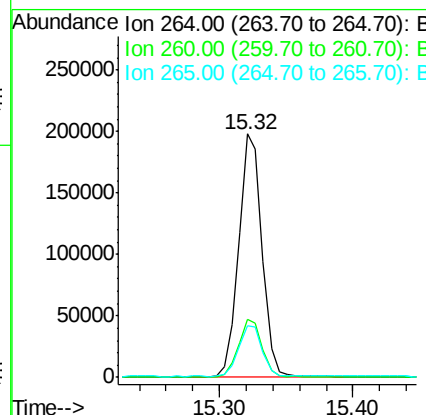
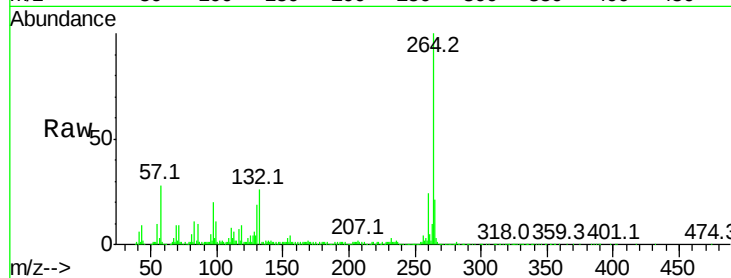
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.02 min
Lab File: BF096347.D
Acq: 30 Jun 2017 20:20

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.1	17.2	25.8

Manual Integrations
APPROVED

mohammad
7/3/2017 11:37:11 AM



#87
Benzo(b)fluoranthene
Concen: 2.05 ng m
RT: 14.92 min Scan# 2181
Delta R.T. -0.04 min
Lab File: BF096347.D
Acq: 30 Jun 2017 20:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.1	27.1
125	50.2	9.8	14.8#

