

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
 Data File : BF096095.D
 Acq On : 21 Jun 2017 20:56
 Operator : SJ/MA
 Sample : I3802-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-062017

Manual Integrations
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Quant Time: Jun 22 01:49:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	69216	20.00	ng	0.00
21) Naphthalene-d8	9.33	136	290088	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	137671	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	212644	20.00	ng	0.00
75) Chrysene-d12	18.27	240	146669	20.00	ng	0.00
86) Perylene-d12	19.94	264	104706	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	79128	18.22	ng	0.05
7) Phenol-d6	6.92	99	103237	19.85	ng	0.05
23) Nitrobenzene-d5	8.24	82	55045	11.78	ng	0.02
41) 2,4,6-Tribromophenol	13.46	330	18539	15.22	ng	0.00
44) 2-Fluorobiphenyl	11.10	172	142481	14.40	ng	0.00
78) Terphenyl-d14	16.92	244	94906	16.06	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	14.58	178	36796	3.00	ng	96
74) Fluoranthene	16.37	202	42547	3.50	ng	97
77) Pyrene	16.67	202	45668	4.17	ng	96

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

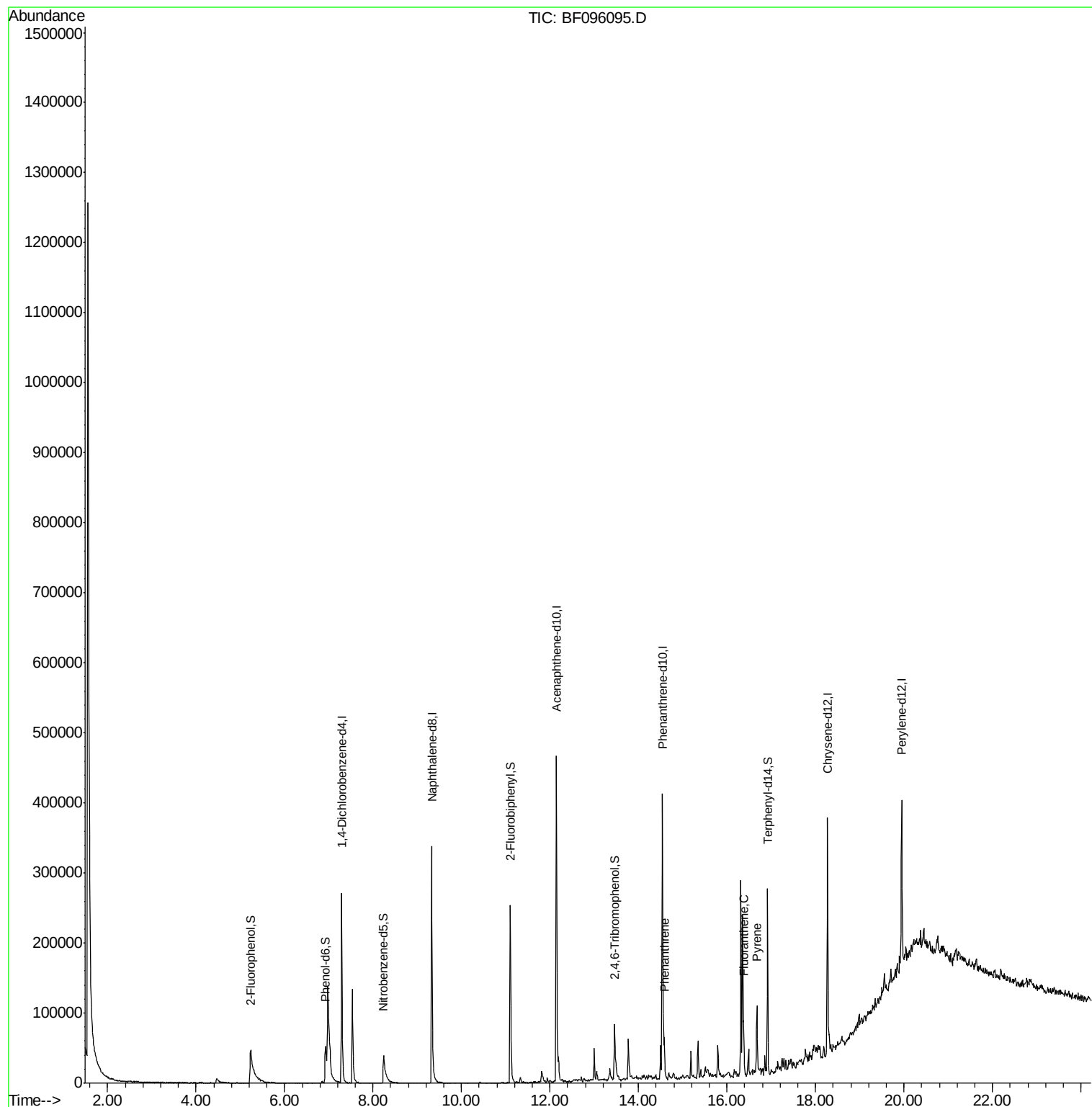
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096095.D
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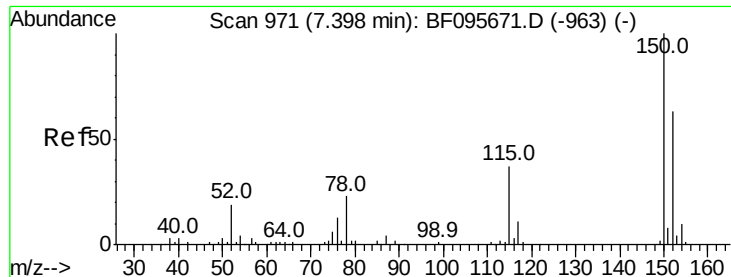
Instrument :
BNA_F
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#1

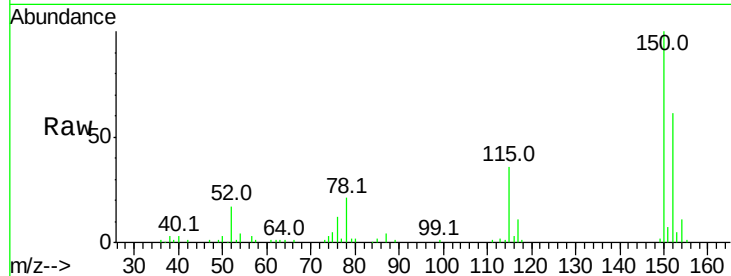
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096095.D
Acq: 21 Jun 2017 20:56

Instrument :
BNA_F
ClientSampleId :
OK-02-062017

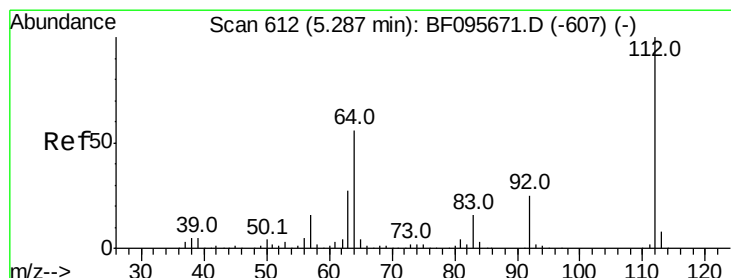
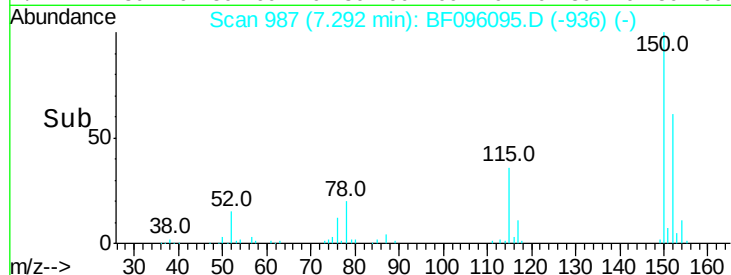
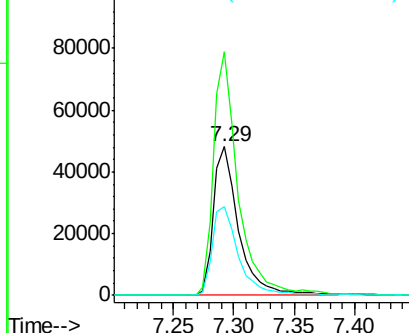
Tot Ion	Ratio	Lower	Upper
152	100		
150	163.8	126.2	189.2
115	59.5	52.2	78.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

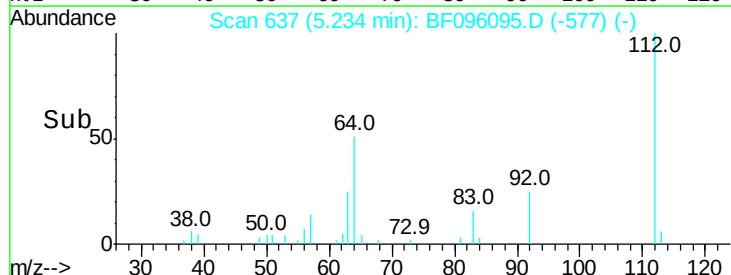
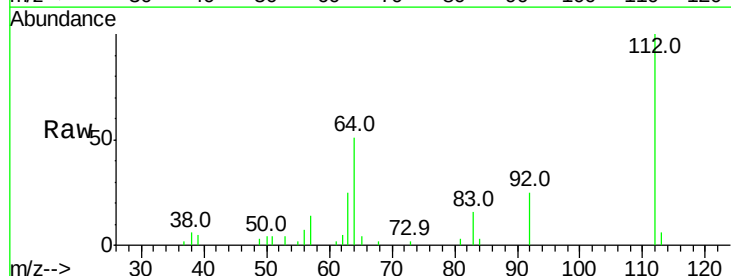
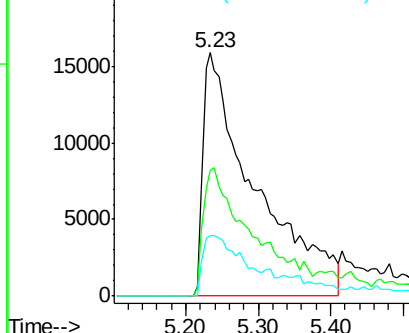


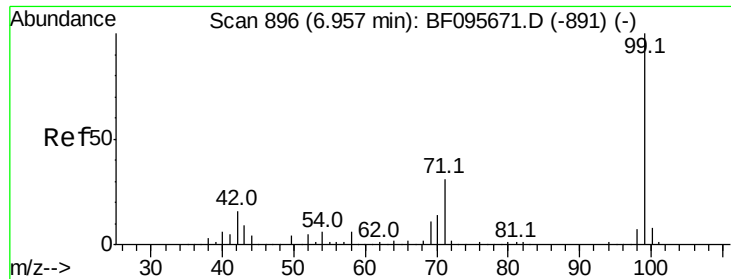
#5

2-Fluorophenol
Concen: 18.22 ng
RT: 5.23 min Scan# 637
Delta R.T. 0.05 min
Lab File: BF096095.D
Acq: 21 Jun 2017 20:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.5	46.0	69.0
63	24.8	23.4	35.0

Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 19.85 ng

RT: 6.92 min Scan# 924

Delta R.T. 0.05 min

Lab File: BF096095.D

Acq: 21 Jun 2017 20:56

Instrument :

BNA_F

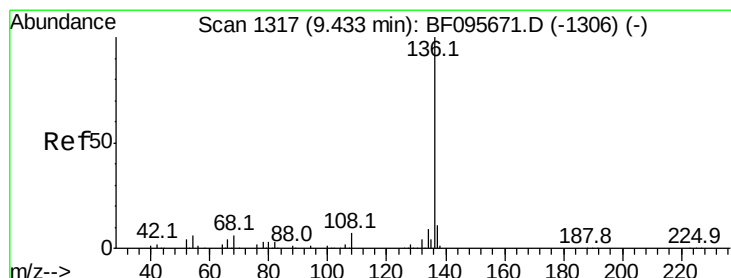
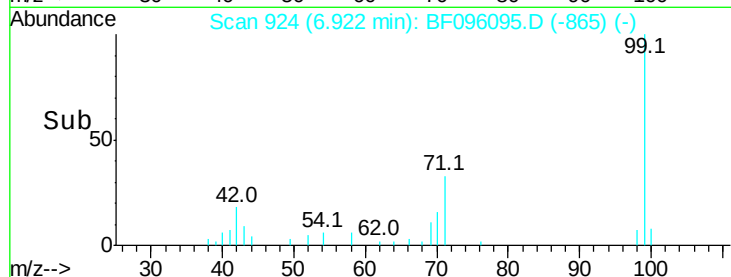
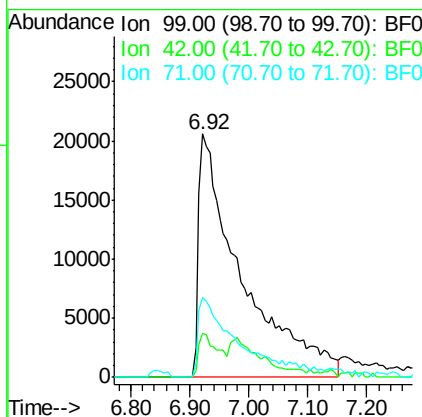
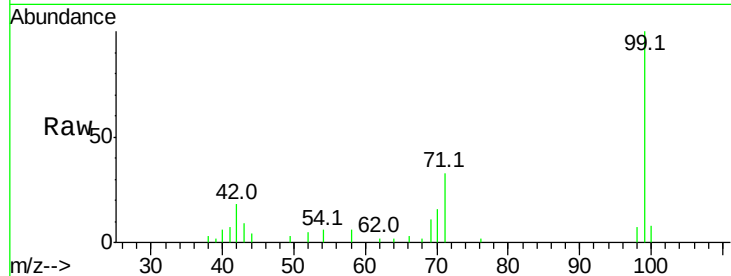
ClientSampled :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		103237		
42	17.8	13.5	20.3		
71	32.6	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

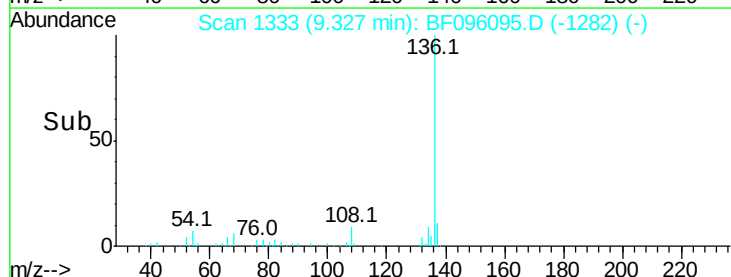
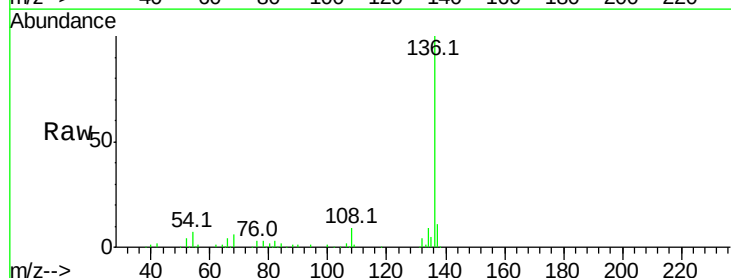
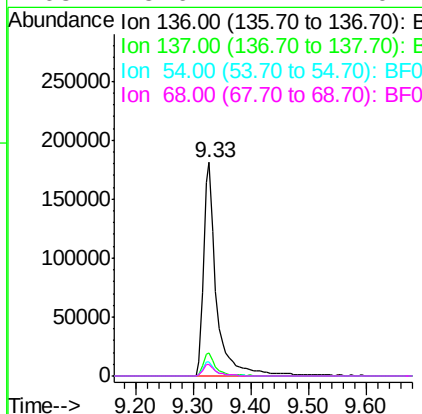
RT: 9.33 min Scan# 1333

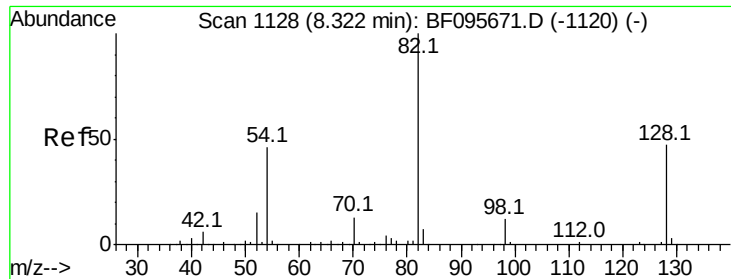
Delta R.T. 0.00 min

Lab File: BF096095.D

Acq: 21 Jun 2017 20:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		290088		
137	10.7	8.5	12.7		
54	6.5	4.9	7.3		
68	5.6	4.1	6.1		





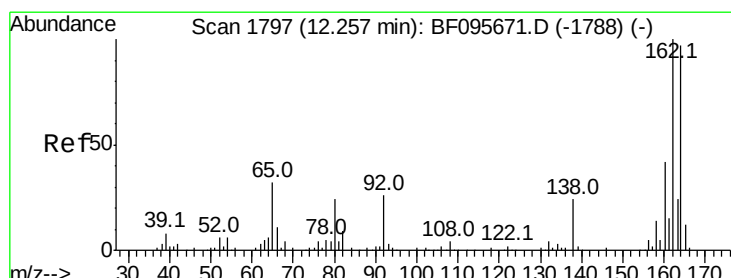
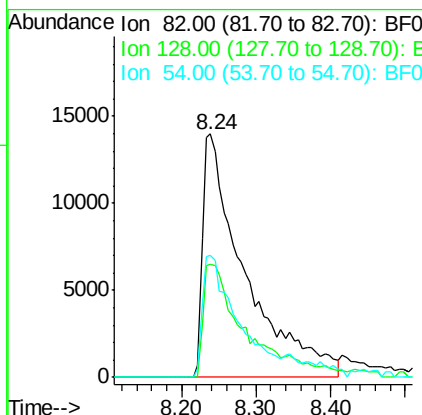
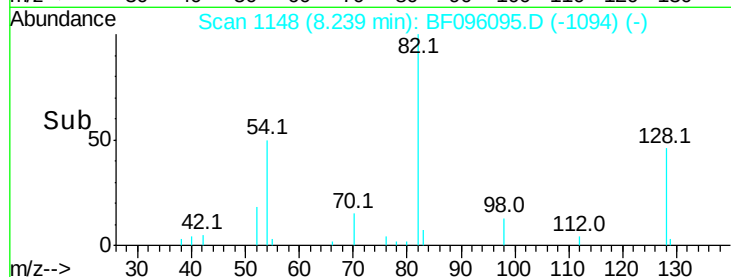
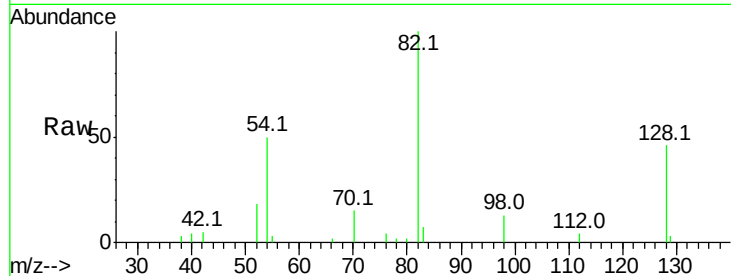
#23
 Nitrobenzene-d5
 Concen: 11.78 ng
 RT: 8.24 min Scan# 1148
 Delta R.T. 0.02 min
 Lab File: BF096095.D
 Acq: 21 Jun 2017 20:56

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-062017

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	50.4	42.2	63.2

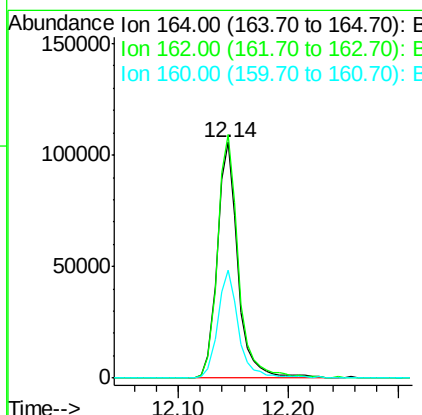
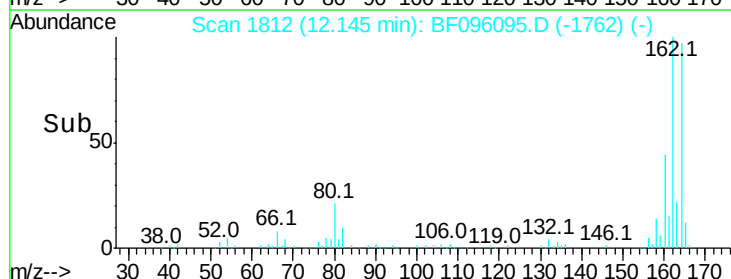
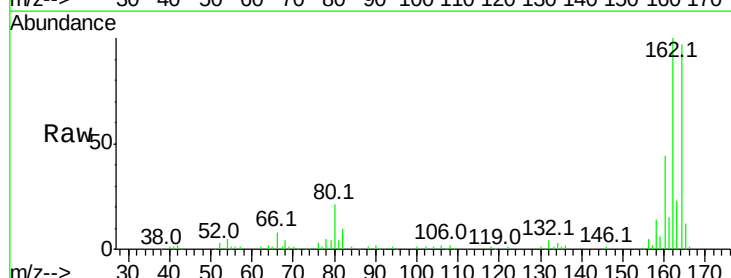
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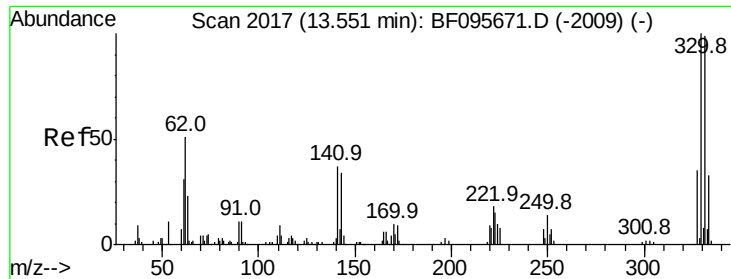
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.14 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BF096095.D
 Acq: 21 Jun 2017 20:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	45.6	36.2	54.2





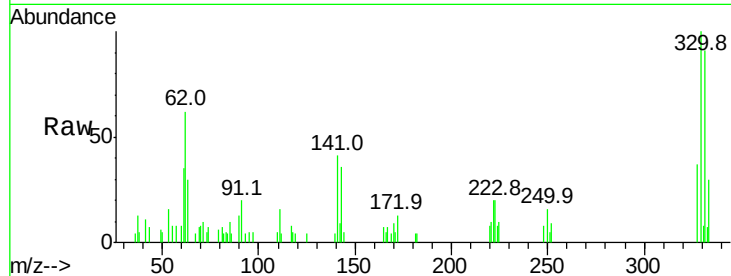
#41
 2,4,6-Tribromophenol
 Concen: 15.22 ng
 RT: 13.46 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF096095.D
 Acq: 21 Jun 2017 20:56

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-062017

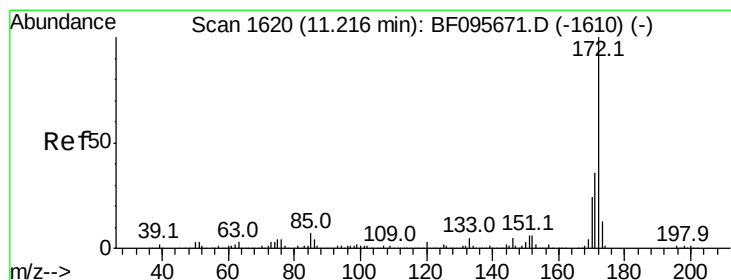
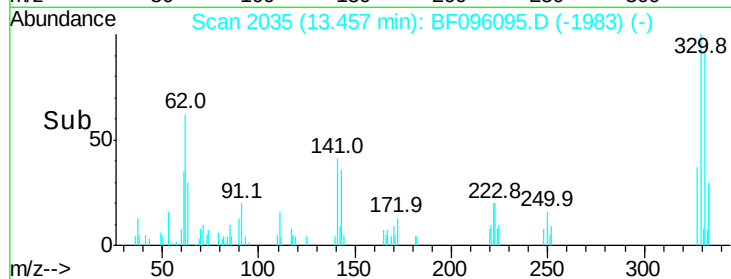
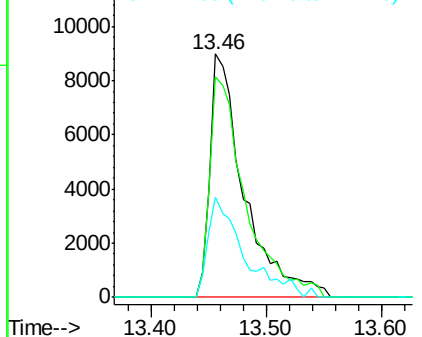
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.6	115.0
141	43.8	31.4	47.2

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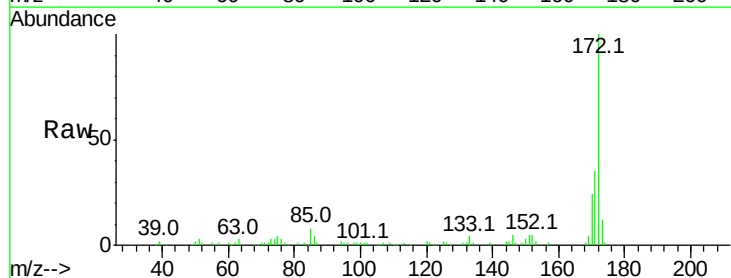


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

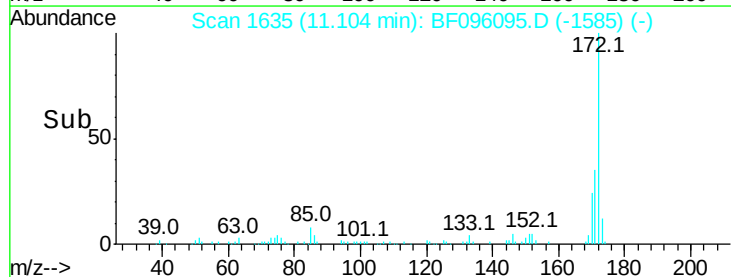
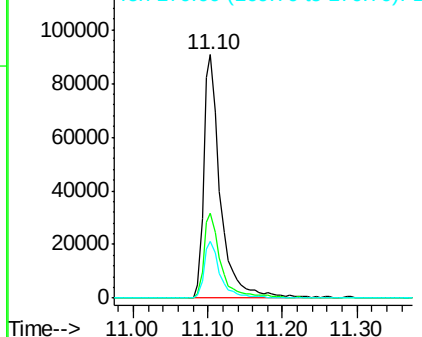


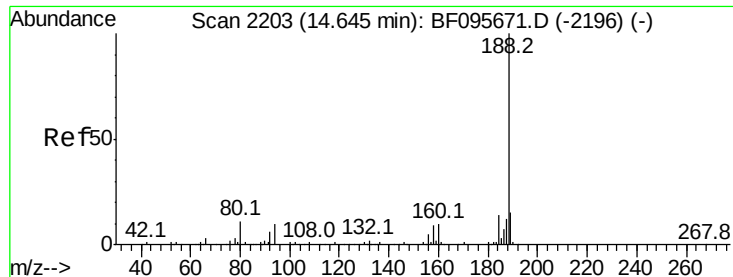
#44
 2-Fluorobiphenyl
 Concen: 14.40 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF096095.D
 Acq: 21 Jun 2017 20:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	23.5	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





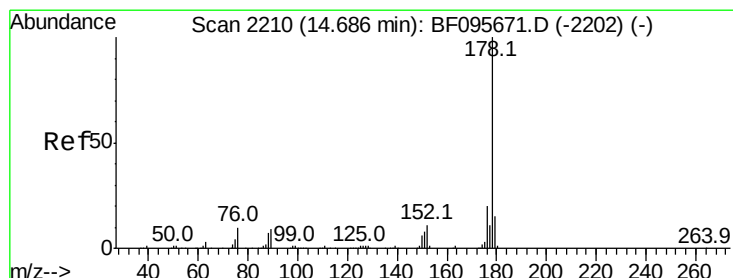
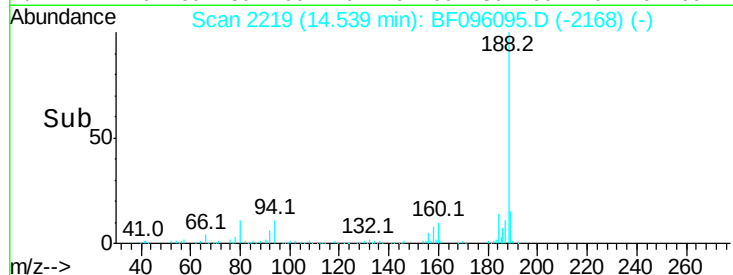
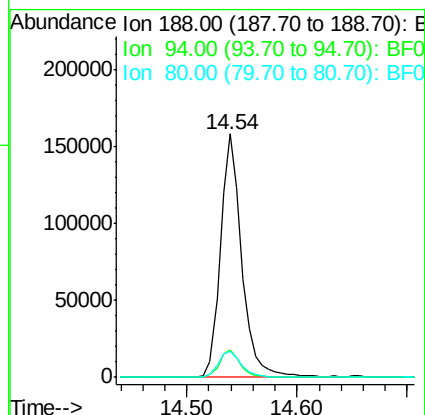
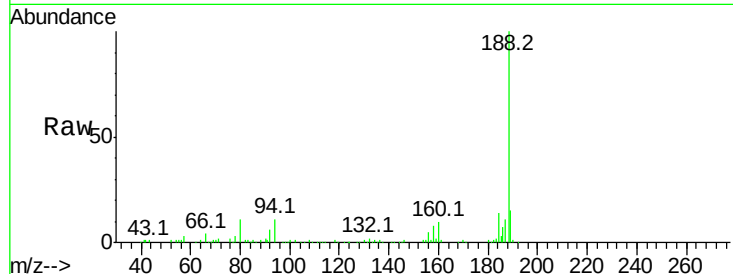
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF096095.D
Acq: 21 Jun 2017 20:56

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
188	100	212644		
94	11.0		9.4	14.2
80	10.8		10.2	15.2

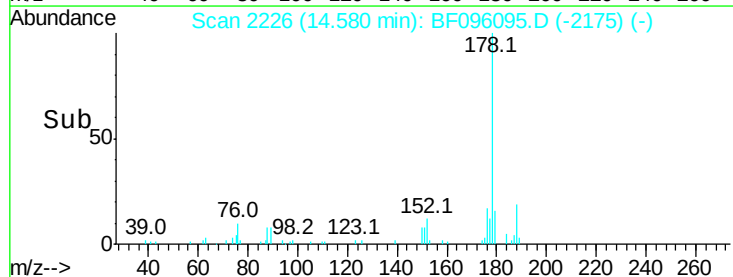
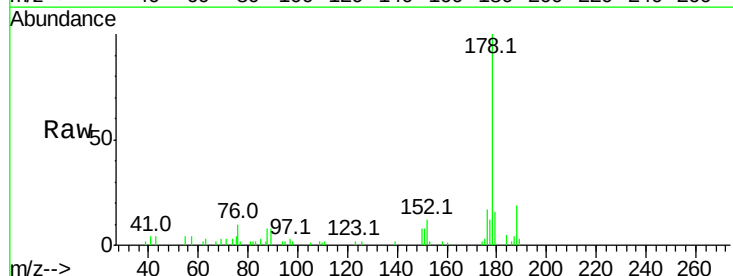
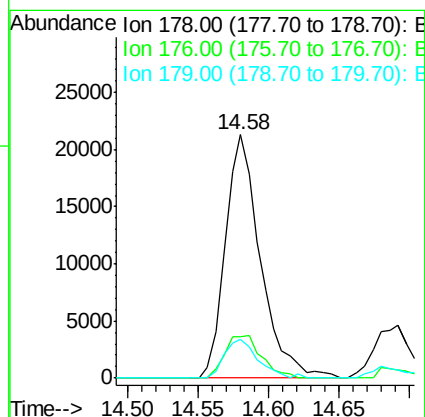
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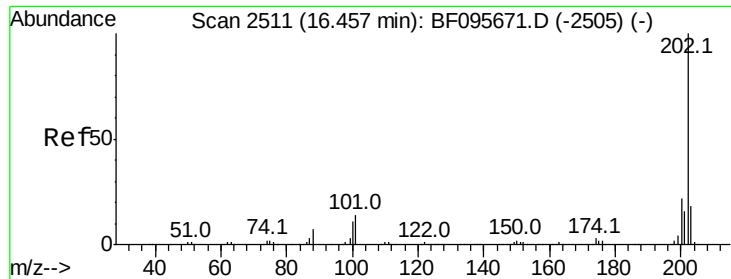
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#70
Phenanthrene
Concen: 3.00 ng
RT: 14.58 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BF096095.D
Acq: 21 Jun 2017 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	36796		
176	17.0		16.2	24.4
179	16.0		12.6	19.0





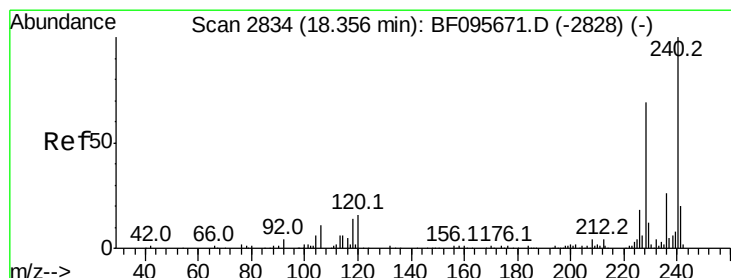
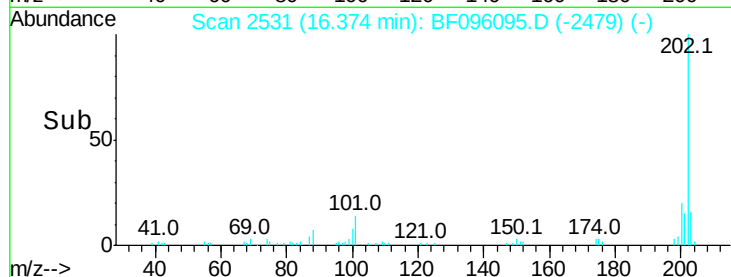
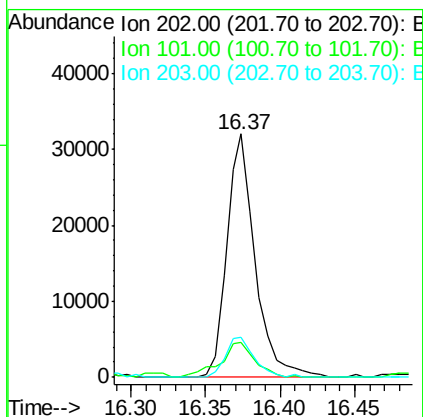
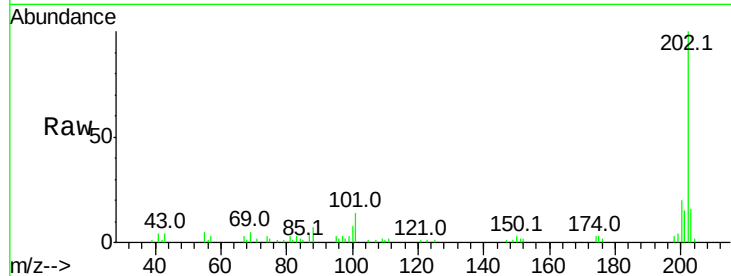
#74
 Fluoranthene
 Concen: 3.50 ng
 RT: 16.37 min Scan# 2531
 Delta R.T. 0.01 min
 Lab File: BF096095.D
 Acq: 21 Jun 2017 20:56

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-062017

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.2	0.0	33.2
203	16.3	0.0	38.1

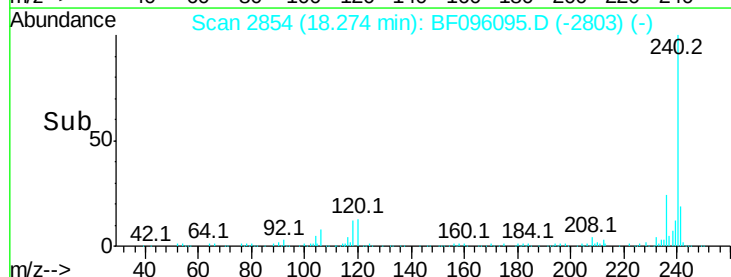
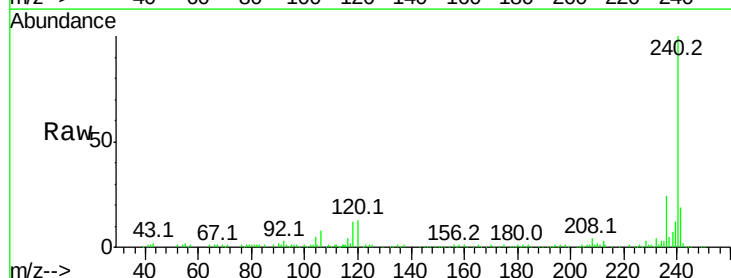
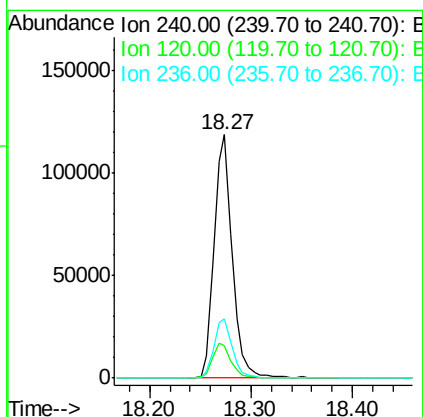
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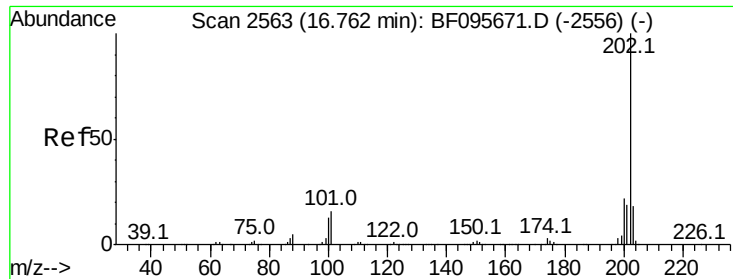
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2854
 Delta R.T. 0.00 min
 Lab File: BF096095.D
 Acq: 21 Jun 2017 20:56

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	24.2	20.5	30.7





#77

Pvrene

Concen: 4.17 ng

RT: 16.67 min Scan# 2582

Delta R.T. 0.01 min

Lab File: BF096095.D

Acq: 21 Jun 2017 20:56

Instrument :

BNA_F

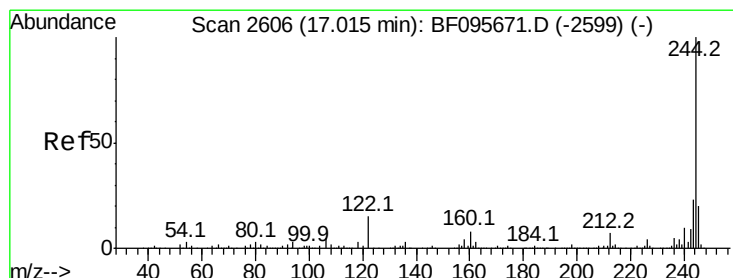
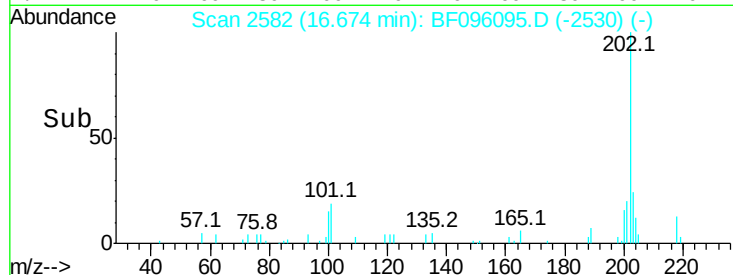
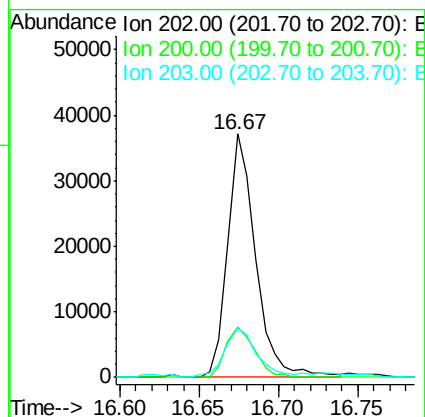
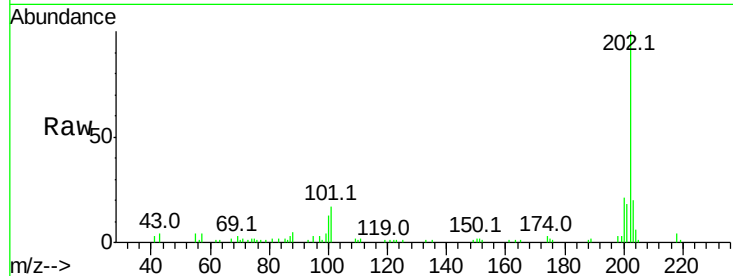
ClientSampleId :

OK-02-062017

Tot Ion:	202	Resp:	45668
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.6	26.4
203	19.9	14.4	21.6

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#78

Terphenyl-d14

Concen: 16.06 ng

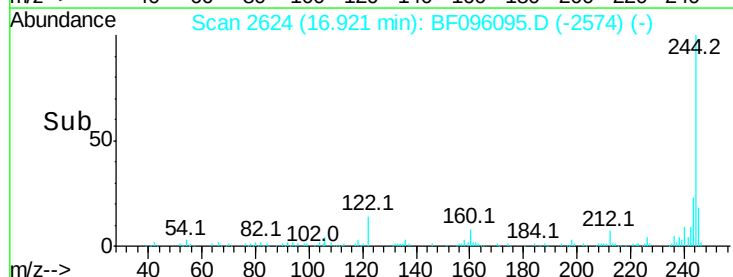
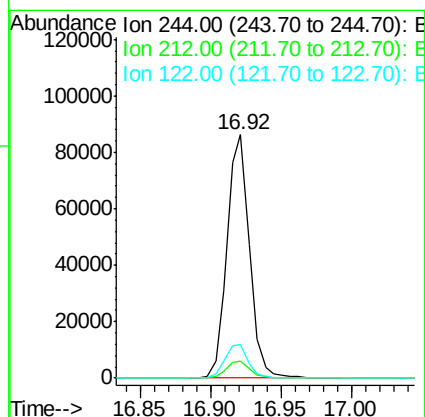
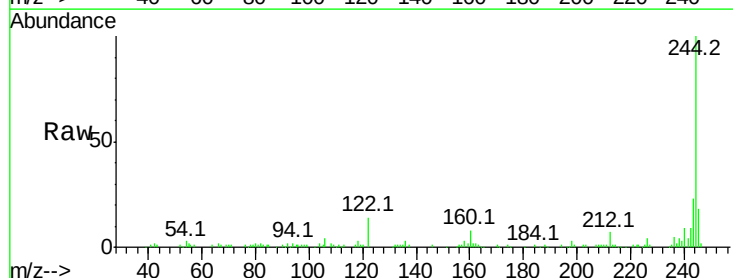
RT: 16.92 min Scan# 2624

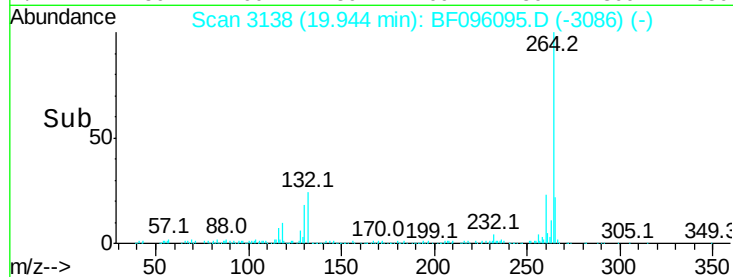
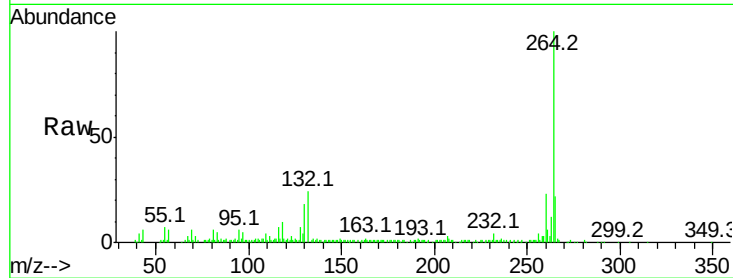
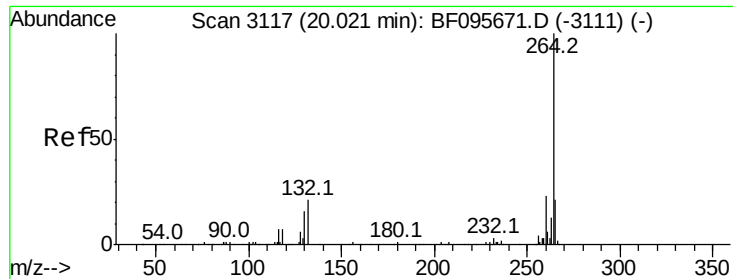
Delta R.T. -0.01 min

Lab File: BF096095.D

Acq: 21 Jun 2017 20:56

Tgt Ion:	244	Resp:	94906
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.0	9.0
122	13.8	10.3	15.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096095.D
Acq: 21 Jun 2017 20:56

Instrument :
BNA_F
ClientSampleId :
OK-02-062017

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.8	17.2	25.8

Manual Integrations
APPROVED

mohammad
6/22/2017 6:02:28 PM

