

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096032.D
 Acq On : 20 Jun 2017 7:24
 Operator : SJ/MA
 Sample : I3688-10 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G25-0-1.5

Manual Integrations
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 6/20/2017 4:30:55 PM

Quant Time: Jun 20 08:38:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	75467	20.00	ng	-0.02
21) Naphthalene-d8	9.34	136	286860	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	111608	20.00	ng	-0.02
63) Phenanthrene-d10	14.56	188	175819	20.00	ng	-0.01
75) Chrysene-d12	18.28	240	142656	20.00	ng	-0.02
86) Perylene-d12	19.96	264	109621	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	83288	17.59	ng	0.02
7) Phenol-d6	6.92	99	108892	19.21	ng	0.01
23) Nitrobenzene-d5	8.24	82	58888	12.75	ng	-0.01
41) 2,4,6-Tribromophenol	13.47	330	14944	15.13	ng	0.00
44) 2-Fluorobiphenyl	11.12	172	136511	17.02	ng	-0.02
78) Terphenyl-d14	16.93	244	90895	15.81	ng	-0.02
Target Compounds						
49) Dimethylphthalate	11.83	163	17164	2.03	ng	99
74) Fluoranthene	16.39	202	32117	3.20	ng	97
77) Pyrene	16.69	202	31652	2.97	ng	# 93
80) Benzo(a)anthracene	18.27	228	18366	2.21	ng	# 89
82) Chrysene	18.32	228	21576	2.60	ng	# 94
87) Benzo(b)fluoranthene	19.56	252	25256m	3.68	ng	
89) Benzo(a)pyrene	19.91	252	13092	2.08	ng	# 76

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

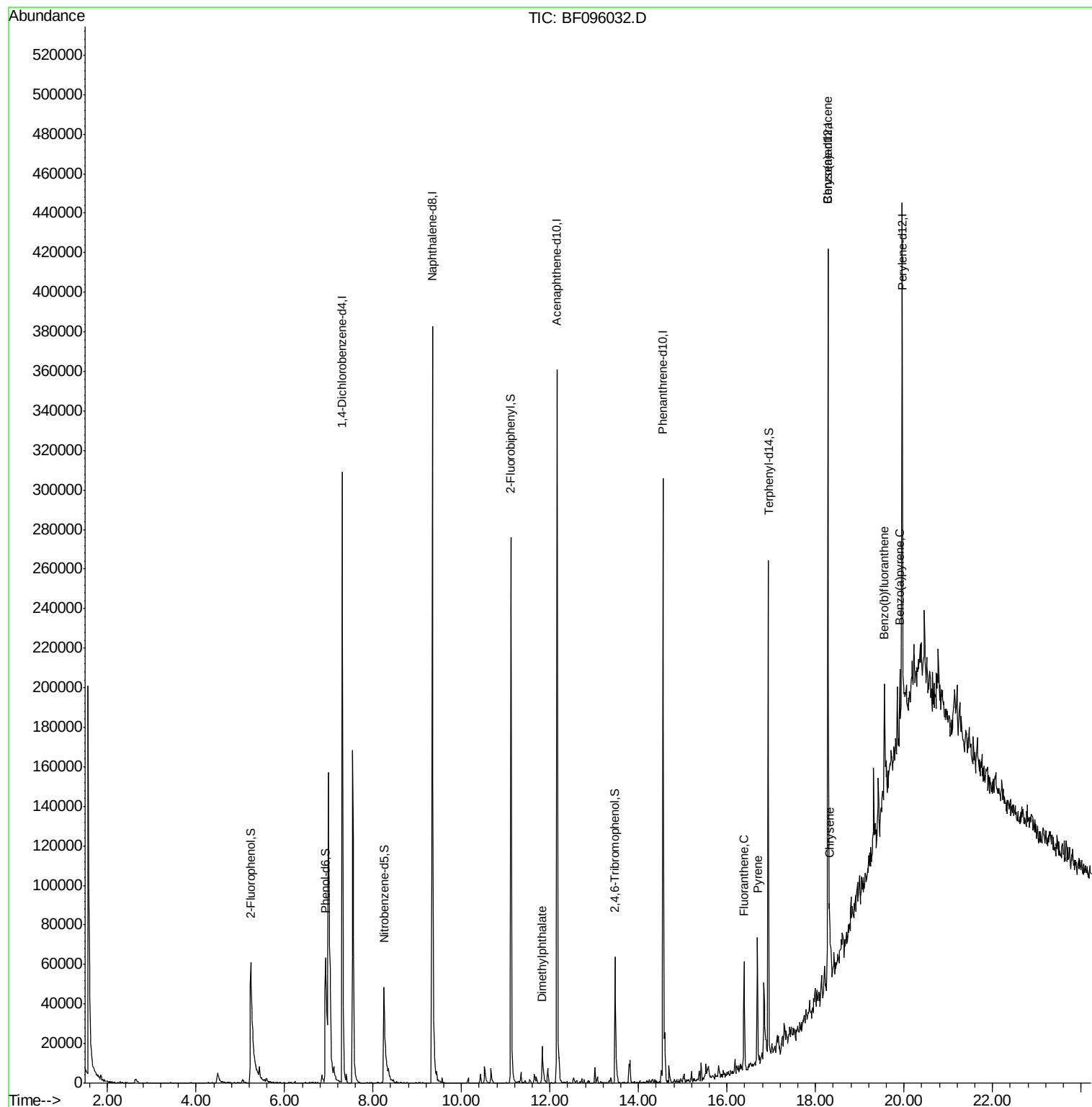
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
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ALS Vial : 33 Sample Multiplier: 1

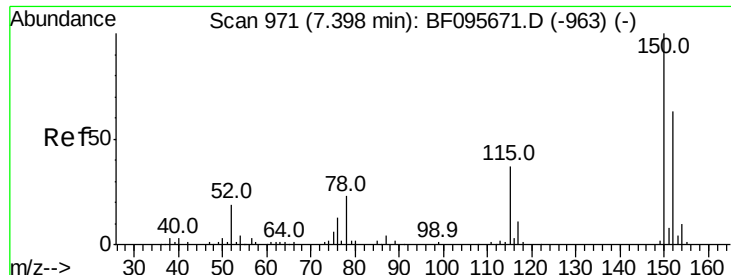
Instrument :
BNA_F
ClientSampleId :
G25-0-1.5

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#1

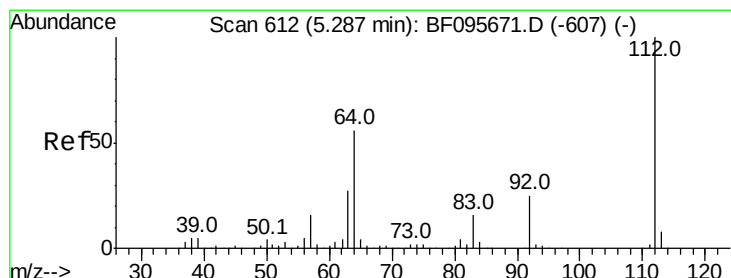
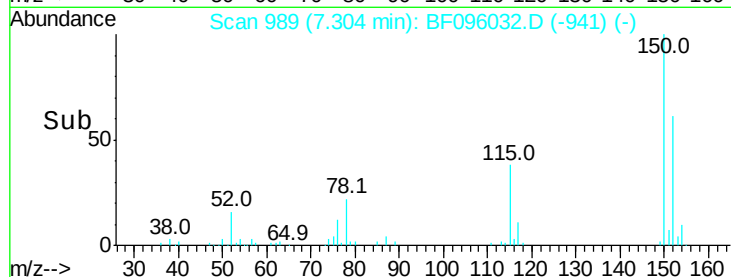
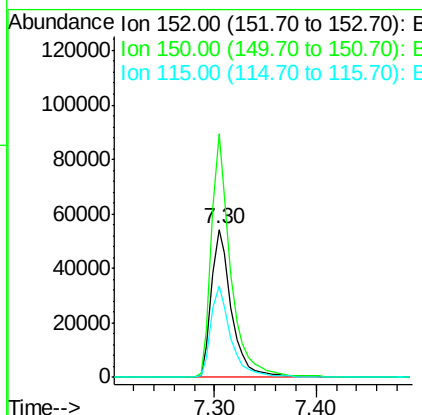
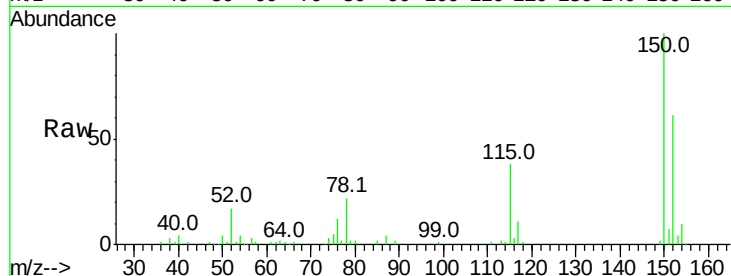
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF096032.D
Acq: 20 Jun 2017 7:24

Instrument :
BNA_F
ClientSampleId :
G25-0-1.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.8	126.2	189.2
115	62.1	52.2	78.2

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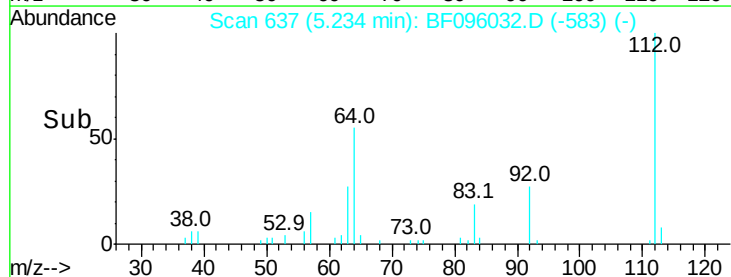
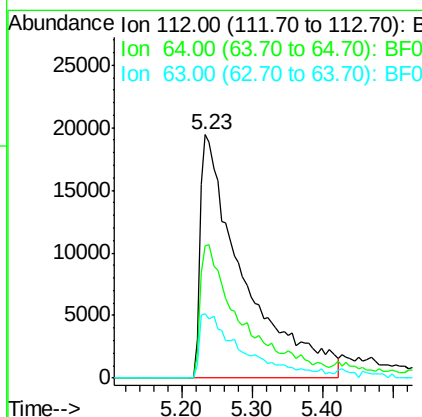
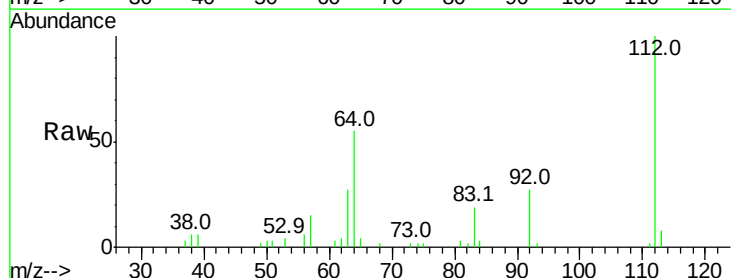
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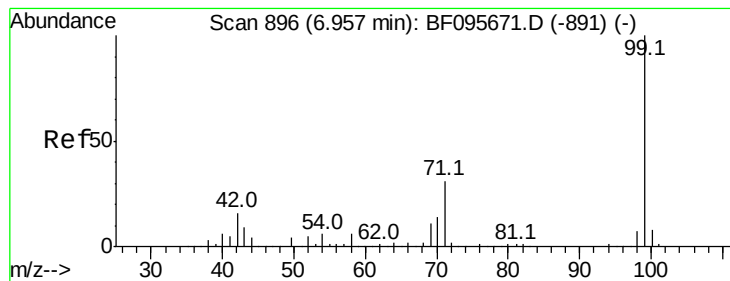


#5

2-Fluorophenol
Concen: 17.59 ng
RT: 5.23 min Scan# 637
Delta R.T. 0.02 min
Lab File: BF096032.D
Acq: 20 Jun 2017 7:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.0	69.0
63	26.5	23.4	35.0





#7

Phenol-d6

Concen: 19.21 ng

RT: 6.92 min Scan# 924

Delta R.T. 0.01 min

Lab File: BF096032.D

Acq: 20 Jun 2017 7:24

Instrument :

BNA_F

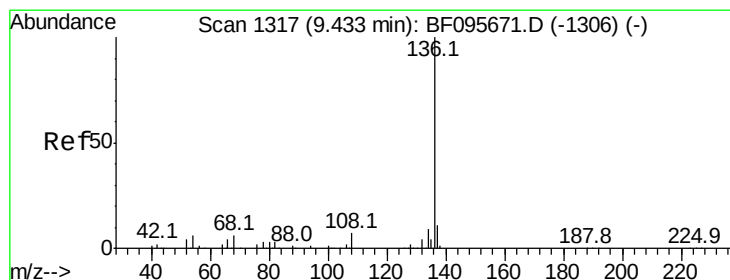
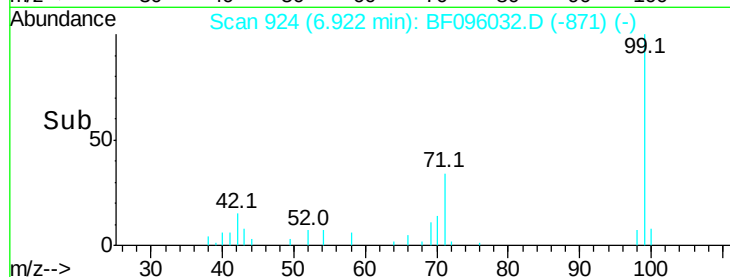
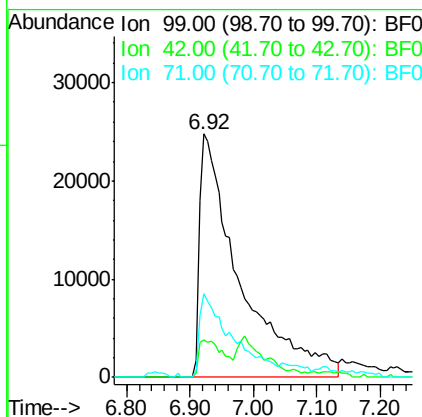
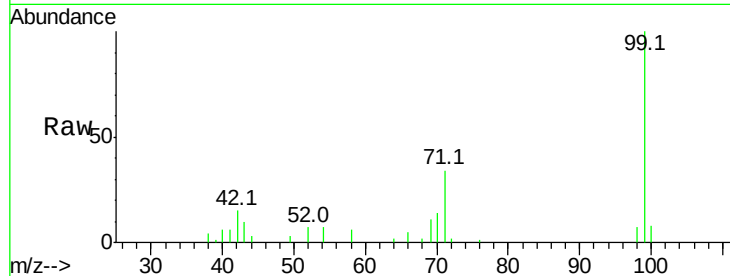
ClientSampleId :

G25-0-1.5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		108892		
42	15.3	13.5	20.3		
71	34.4	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

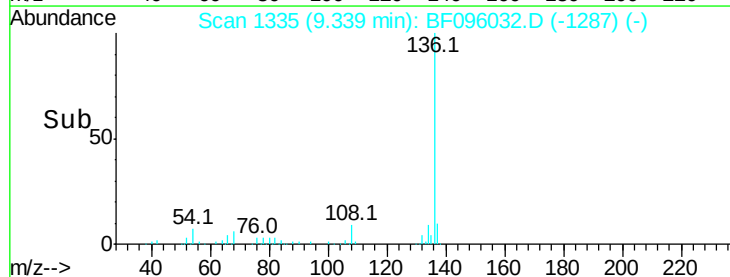
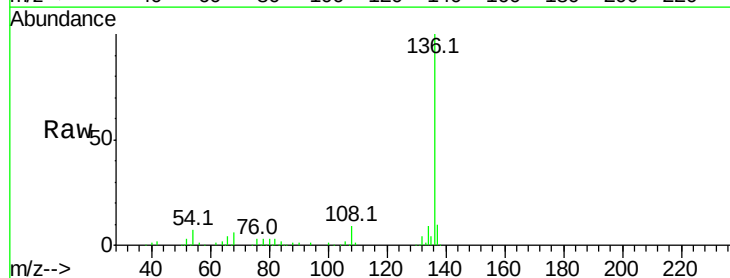
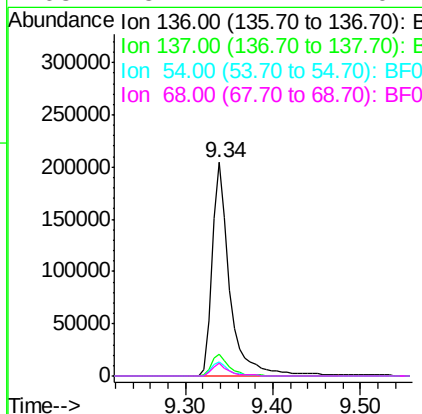
RT: 9.34 min Scan# 1335

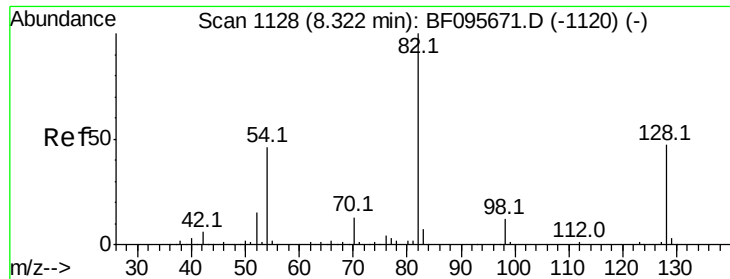
Delta R.T. -0.02 min

Lab File: BF096032.D

Acq: 20 Jun 2017 7:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		286860		
137	10.4	8.5	12.7		
54	6.8	4.9	7.3		
68	5.7	4.1	6.1		





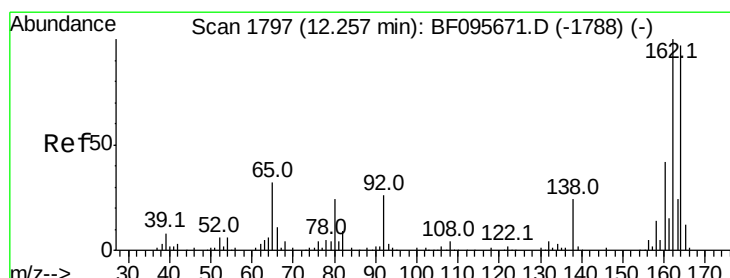
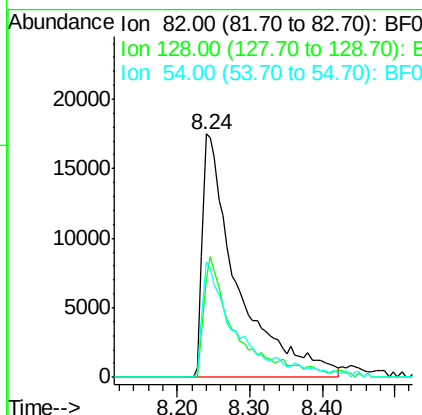
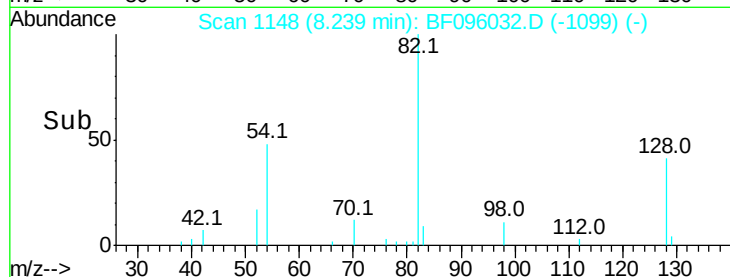
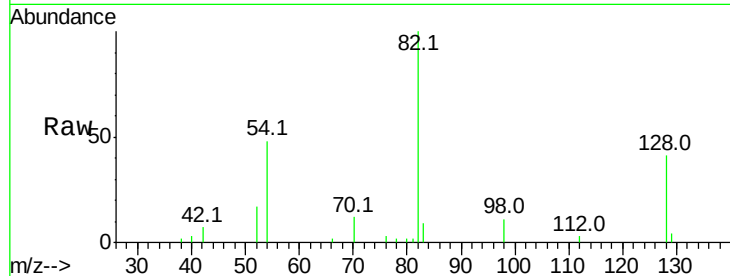
#23
 Nitrobenzene-d5
 Concen: 12.75 ng
 RT: 8.24 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF096032.D
 Acq: 20 Jun 2017 7:24

Instrument :
 BNA_F
 ClientSampleId :
 G25-0-1.5

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.8	34.0	51.0	
54	47.5	42.2	63.2	

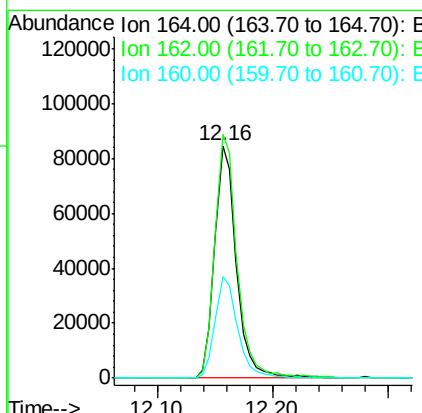
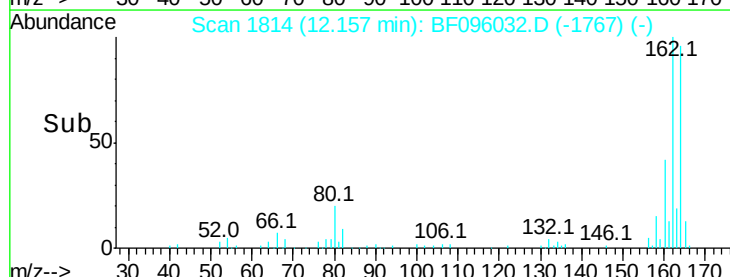
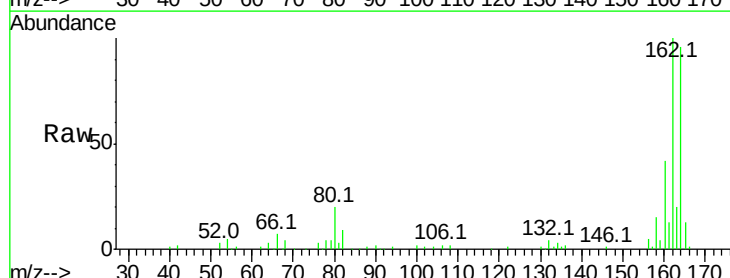
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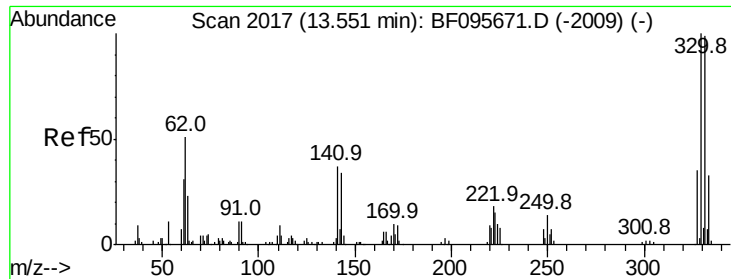
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.16 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BF096032.D
 Acq: 20 Jun 2017 7:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.6	82.6	123.8	
160	43.6	36.2	54.2	





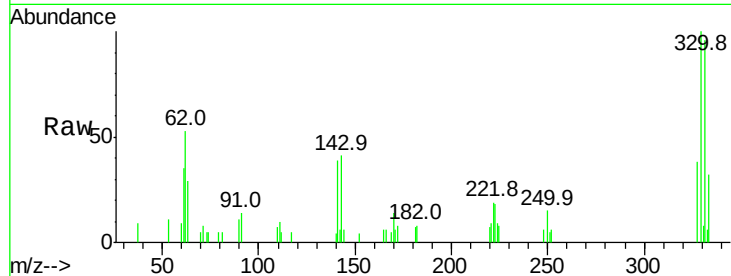
#41
 2,4,6-Tribromophenol
 Concen: 15.13 ng
 RT: 13.47 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF096032.D
 Acq: 20 Jun 2017 7:24

Instrument :
 BNA_F
 ClientSampled :
 G25-0-1.5

Tot Ion	Ratio	Resp	Lower	Upper
330	100	14944		
332	100.9	76.6	115.0	
141	40.4	31.4	47.2	

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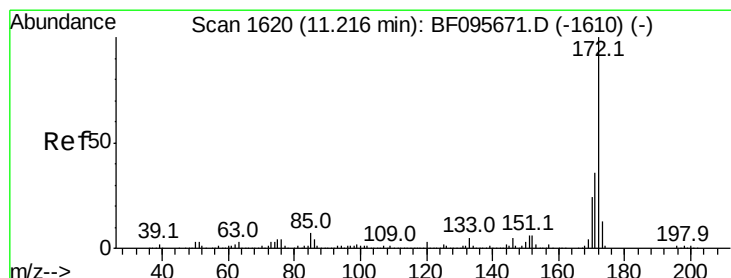
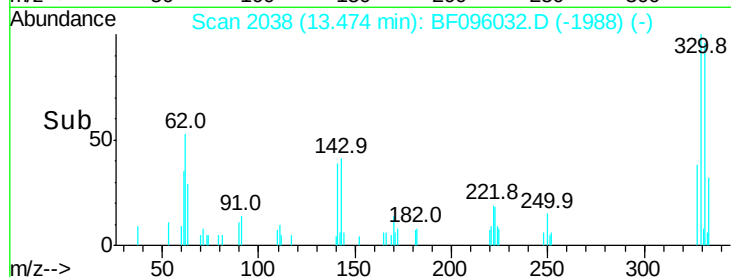
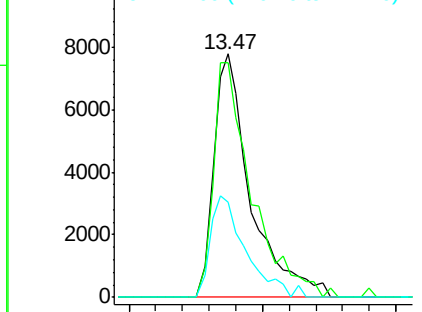


Abundance

Ion 329.80 (329.50 to 330.50): E

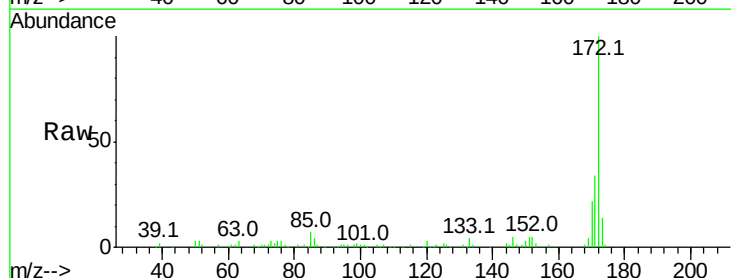
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 17.02 ng
 RT: 11.12 min Scan# 1637
 Delta R.T. -0.02 min
 Lab File: BF096032.D
 Acq: 20 Jun 2017 7:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	136511		
171	33.8	29.6	44.4	
170	22.5	19.8	29.8	

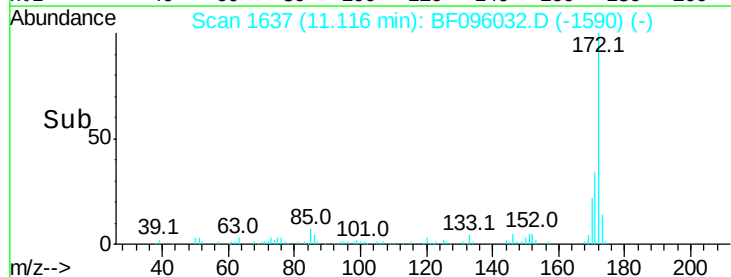
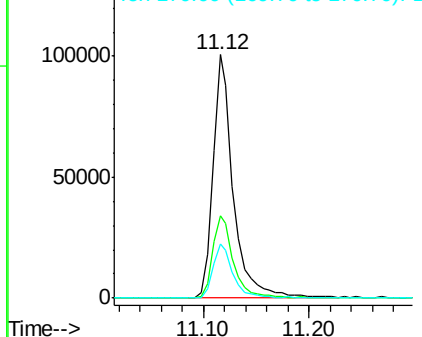


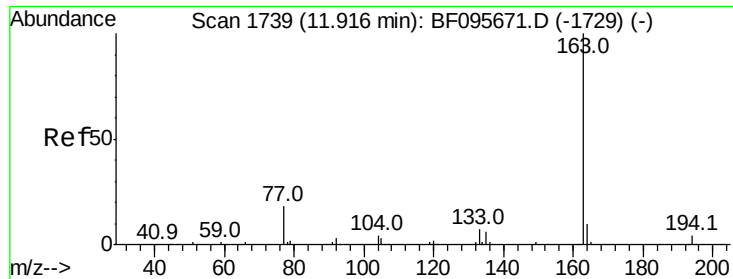
Abundance

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





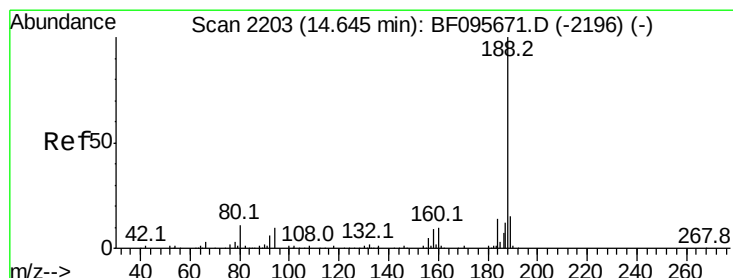
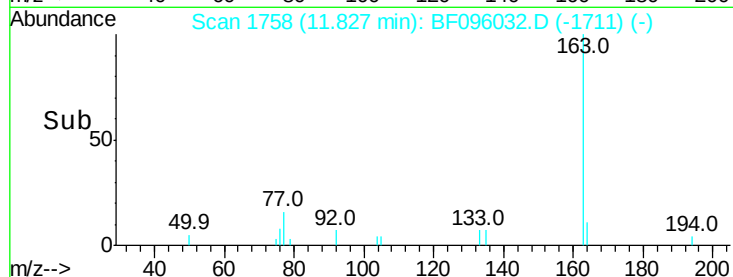
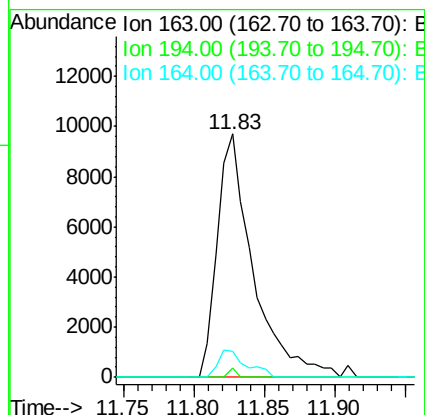
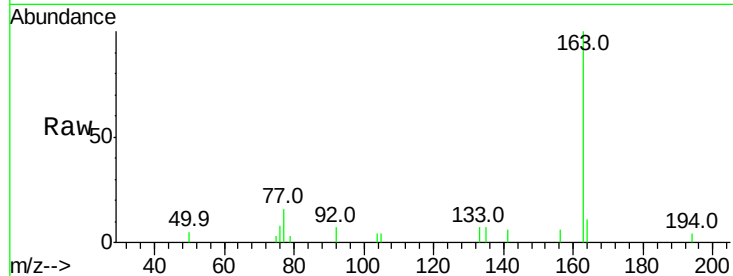
#49
Dimethylphthalate
Concen: 2.03 ng
RT: 11.83 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BF096032.D
Acq: 20 Jun 2017 7:24

Instrument :
BNA_F
ClientSampled :
G25-0-1.5

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	10.6	8.4	12.6

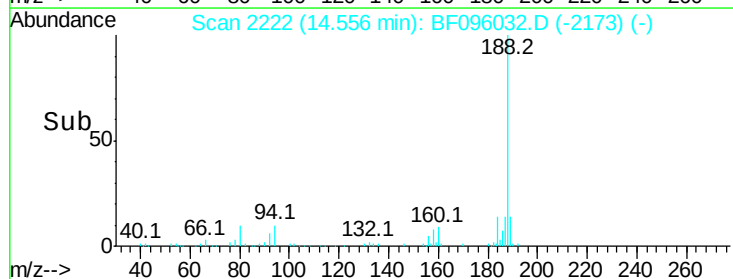
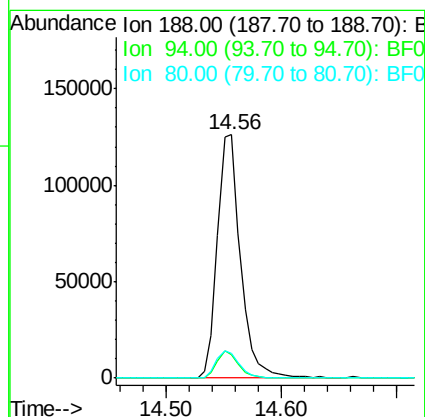
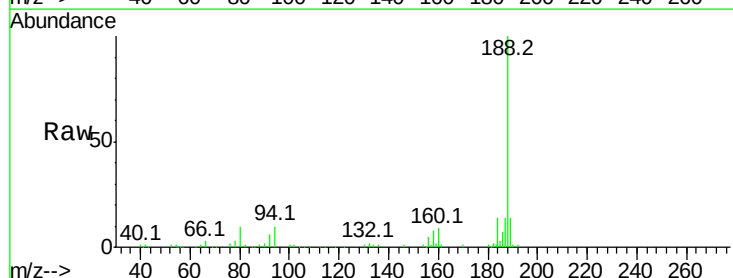
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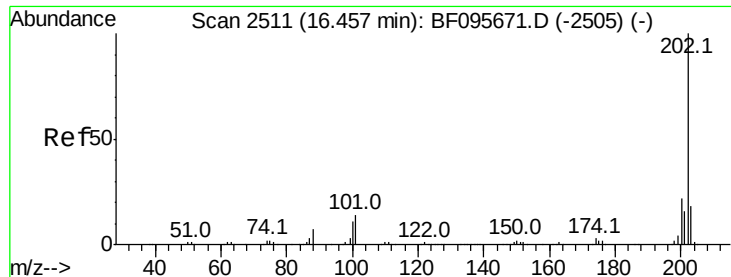
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF096032.D
Acq: 20 Jun 2017 7:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.4	14.2
80	10.1	10.2	15.2





#74

Fluoranthene

Concen: 3.20 ng

RT: 16.39 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF096032.D

Acq: 20 Jun 2017 7:24

Instrument :

BNA_F

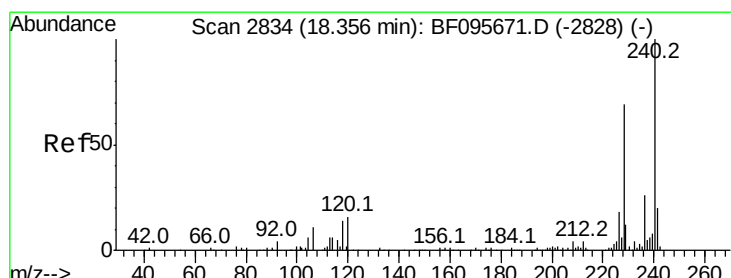
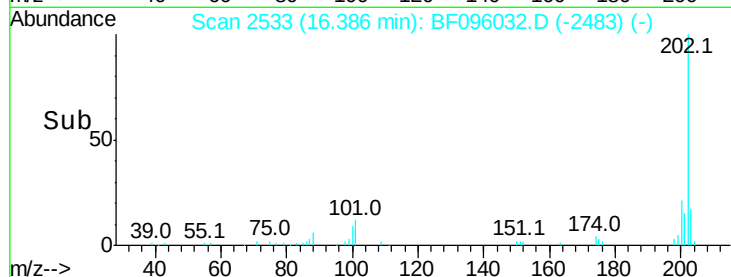
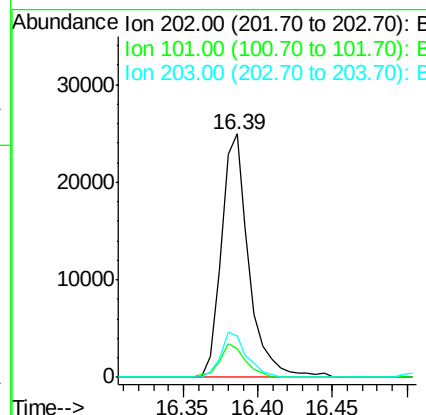
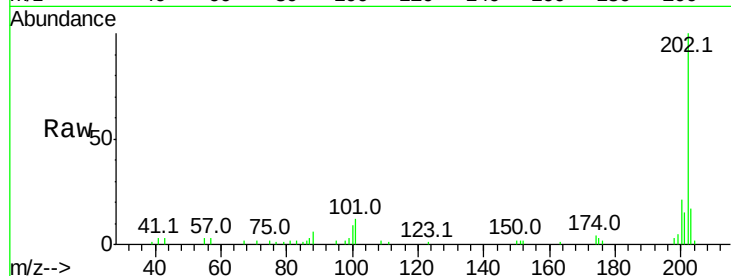
ClientSampleId :

G25-0-1.5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.0	0.0	33.2
203	17.0	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

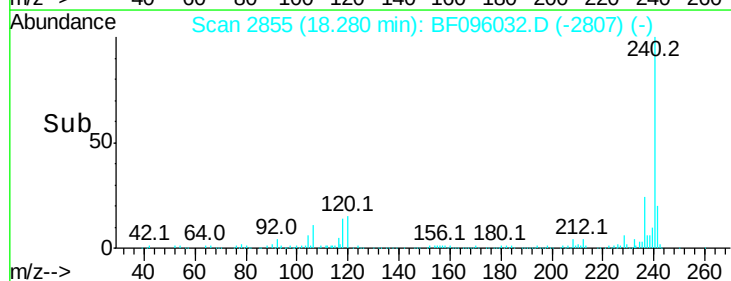
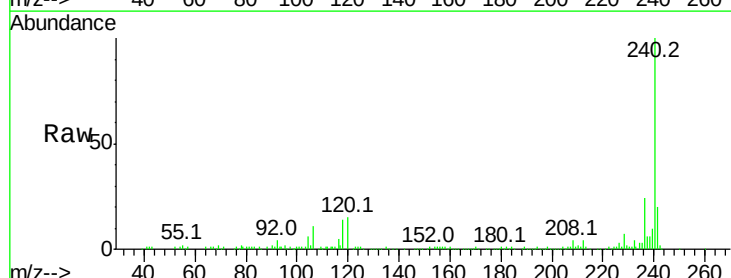
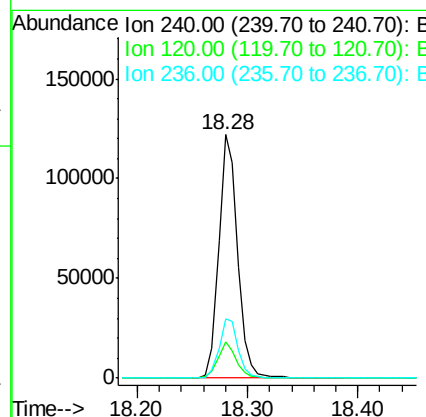
RT: 18.28 min Scan# 2855

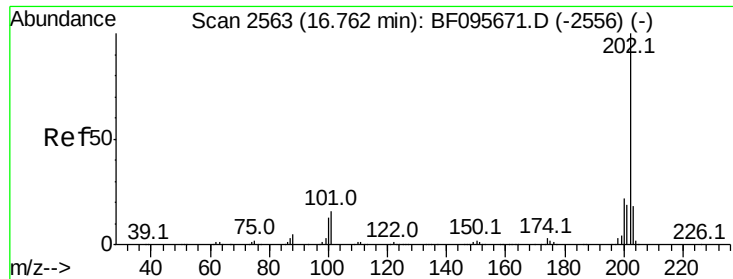
Delta R.T. -0.02 min

Lab File: BF096032.D

Acq: 20 Jun 2017 7:24

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	24.4	20.5	30.7





#77

Pvrene

Concen: 2.97 ng

RT: 16.69 min Scan# 2584

Delta R.T. -0.01 min

Lab File: BF096032.D

Acq: 20 Jun 2017 7:24

Instrument :

BNA_F

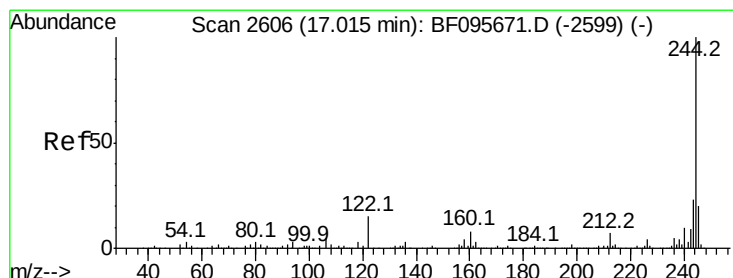
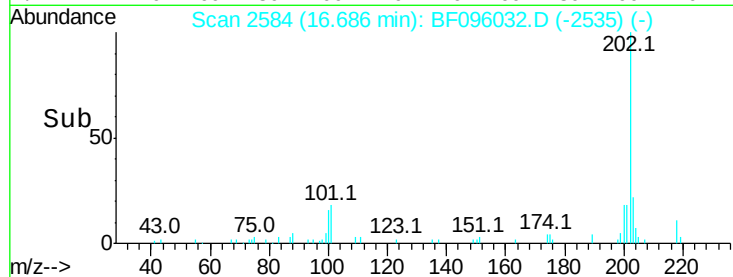
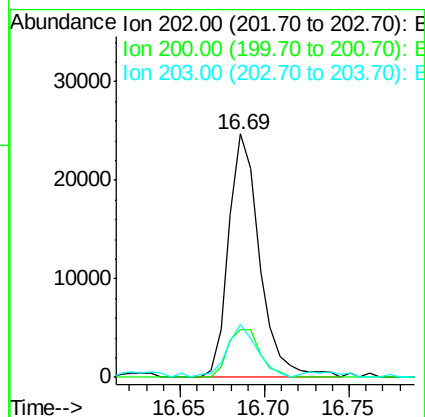
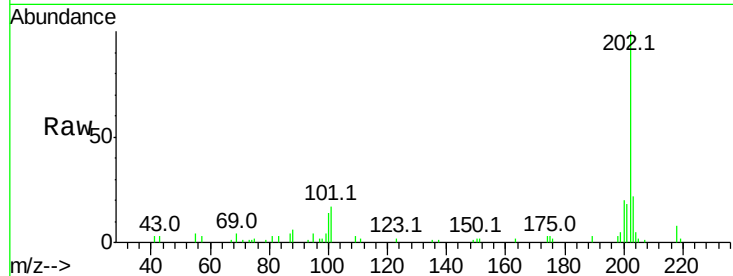
ClientSampleId :

G25-0-1.5

Tot Ion:	202	Resp:	31652
Ion Ratio		Lower	Upper
202	100		
200	19.6	17.6	26.4
203	21.8	14.4	21.6#

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#78

Terphenyl-d14

Concen: 15.81 ng

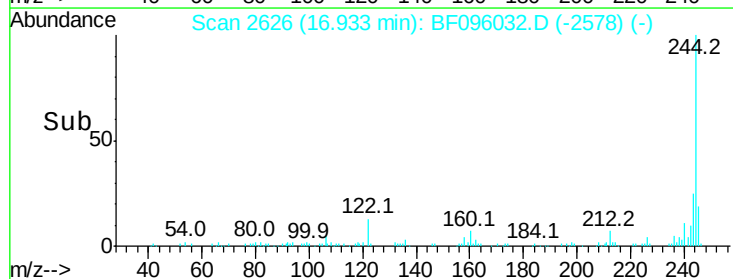
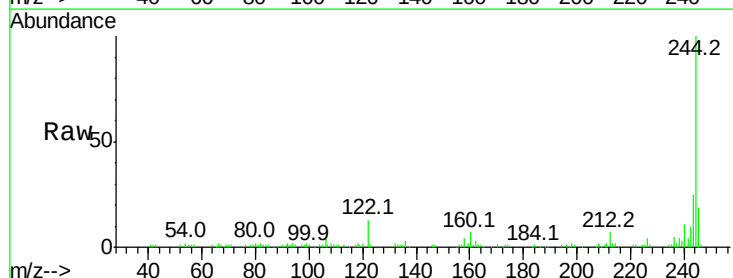
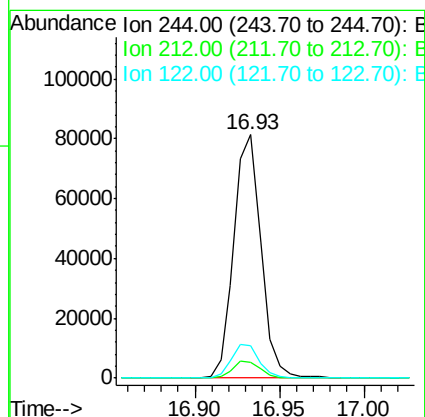
RT: 16.93 min Scan# 2626

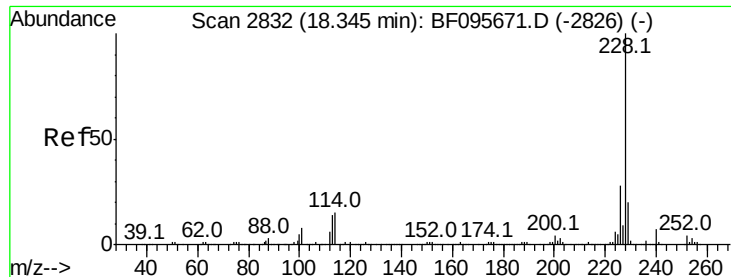
Delta R.T. -0.02 min

Lab File: BF096032.D

Acq: 20 Jun 2017 7:24

Tgt Ion:	244	Resp:	90895
Ion Ratio		Lower	Upper
244	100		
212	6.6	6.0	9.0
122	13.4	10.3	15.5





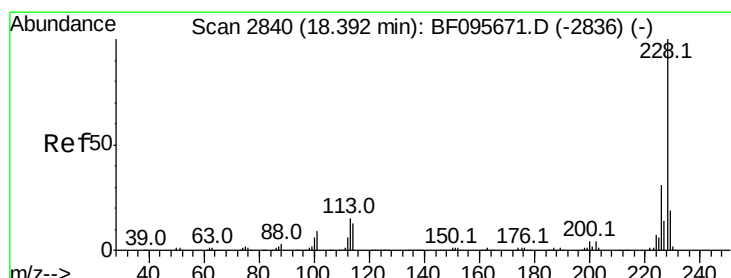
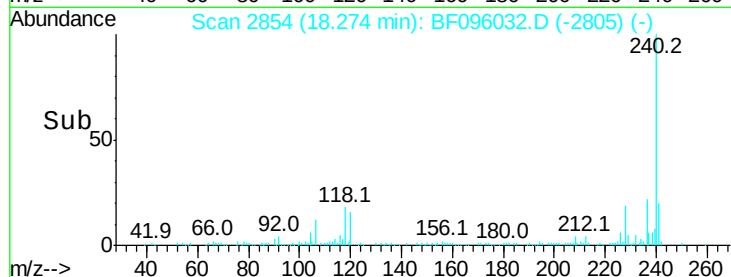
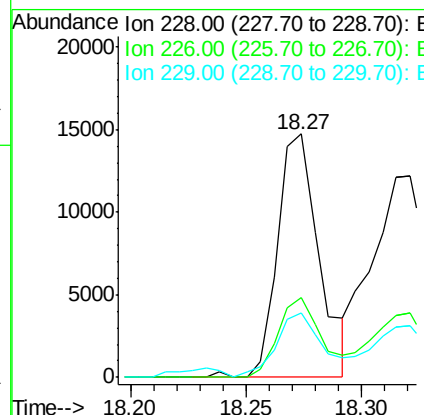
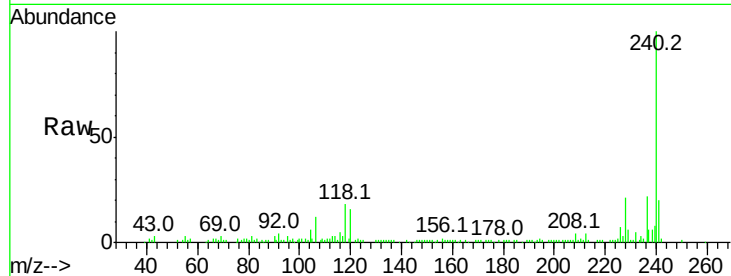
#80
Benzo(a)anthracene
Concen: 2.21 ng
RT: 18.27 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BF096032.D
Acq: 20 Jun 2017 7:24

Instrument :
BNA_F
ClientSampleId :
G25-0-1.5

Tot Ion	Ratio	Resp Lower	Upper
228	100		
226	32.9	22.6	33.8
229	26.5	16.3	24.5

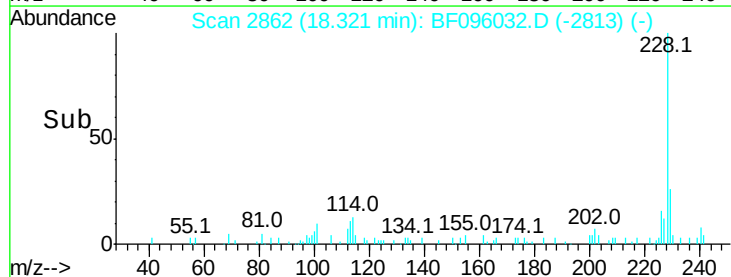
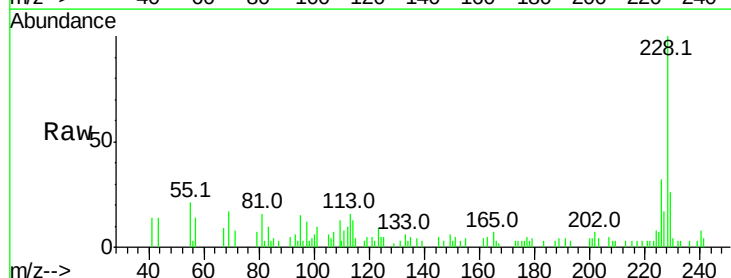
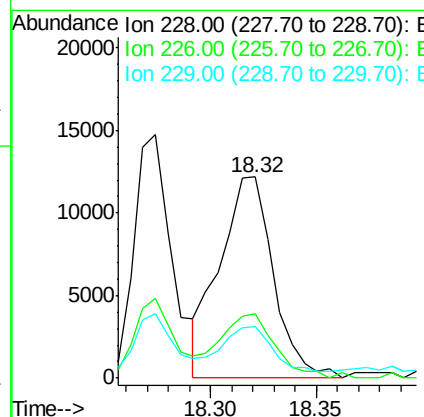
Manual Integrations
APPROVED

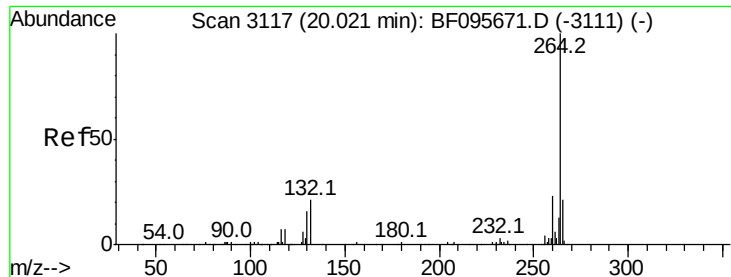
mohammad
6/20/2017 4:30:55 PM



#82
Chrysene
Concen: 2.60 ng
RT: 18.32 min Scan# 2862
Delta R.T. -0.01 min
Lab File: BF096032.D
Acq: 20 Jun 2017 7:24

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.1	24.9	37.3
229	25.8	15.8	23.6





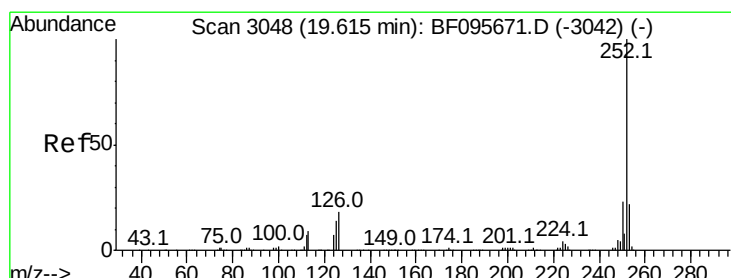
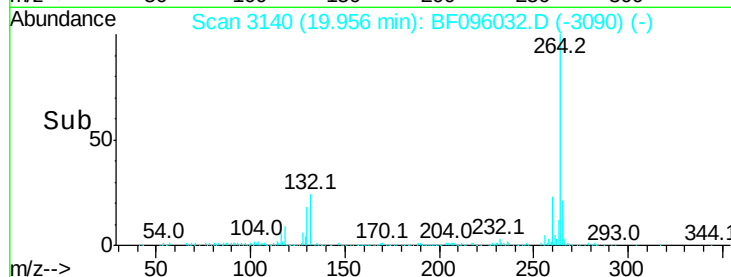
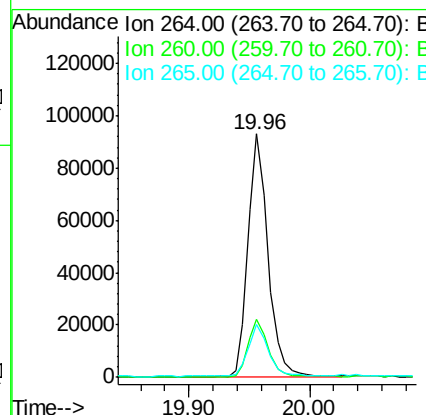
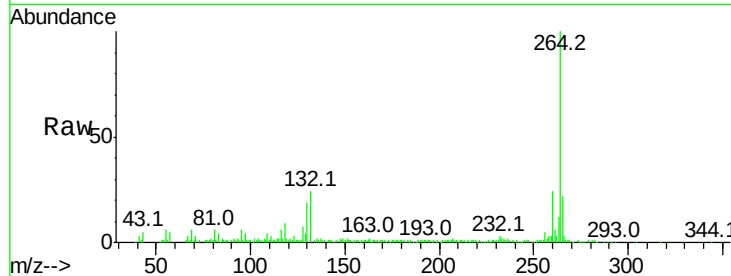
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BF096032.D
Acq: 20 Jun 2017 7:24

Instrument :
BNA_F
ClientSampleId :
G25-0-1.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.8	17.2	25.8

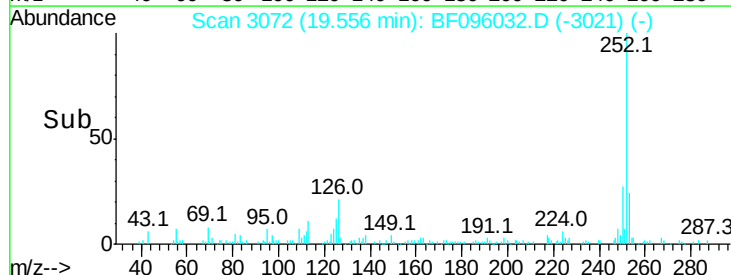
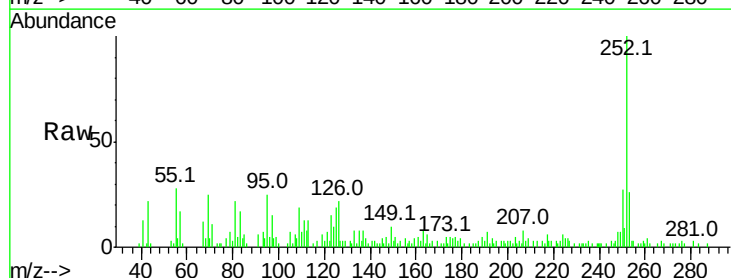
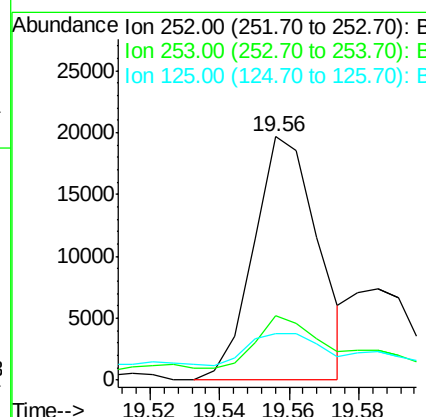
Manual Integrations
APPROVED

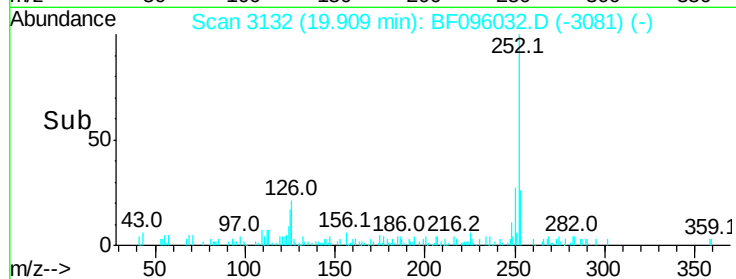
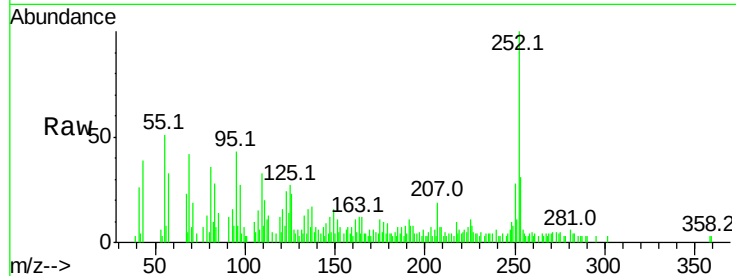
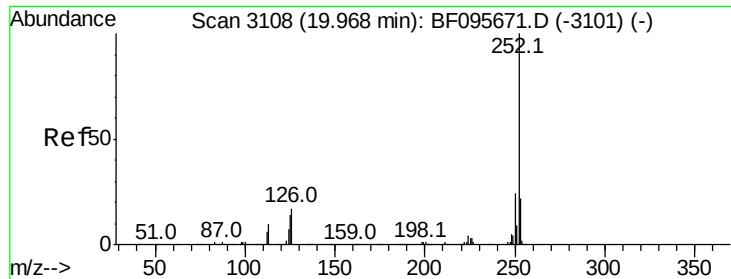
mohammad
6/20/2017 4:30:55 PM



#87
Benzo(b)fluoranthene
Concen: 3.68 ng m
RT: 19.56 min Scan# 3072
Delta R.T. 0.00 min
Lab File: BF096032.D
Acq: 20 Jun 2017 7:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.1	27.1
125	19.1	9.8	14.8#





#89

Benzo(a)pyrene

Concen: 2.08 ng

RT: 19.91 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BF096032.D

Acq: 20 Jun 2017 7:24

Instrument :

BNA_F

ClientSampleId :

G25-0-1.5

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	31.0	17.5	26.3#
125	26.8	11.0	16.4#

Manual Integrations
APPROVED

mohammad
6/20/2017 4:30:55 PM

