

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095990.D
 Acq On : 17 Jun 2017 10:54
 Operator : SJ/MA
 Sample : I3683-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-5C

Manual Integrations
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Quant Time: Jun 19 01:50:05 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	7.32	152	71266	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	280569	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	121195	20.00	ng	-0.01
63) Phenanthrene-d10	14.56	188	187558	20.00	ng	0.00
75) Chrysene-d12	18.29	240	138028	20.00	ng	-0.01
86) Perylene-d12	19.96	264	128340	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	484903	108.42	ng	0.00
7) Phenol-d6	6.89	99	606752	113.32	ng	-0.02
23) Nitrobenzene-d5	8.24	82	347103	76.83	ng	-0.01
41) 2,4,6-Tribromophenol	13.47	330	107968	100.69	ng	-0.01
44) 2-Fluorobiphenyl	11.13	172	684847	78.63	ng	0.00
78) Terphenyl-d14	16.94	244	403517	72.55	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	11.83	163	104418	11.35	ng	100
70) Phenanthrene	14.60	178	52902	4.89	ng	99
74) Fluoranthene	16.40	202	44973	4.20	ng	97
77) Pyrene	16.70	202	36088	3.50	ng	96
80) Benzo(a)anthracene	18.28	228	16600	2.07	ng	97
87) Benzo(b)fluoranthene	19.57	252	16914m	2.10	ng	

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

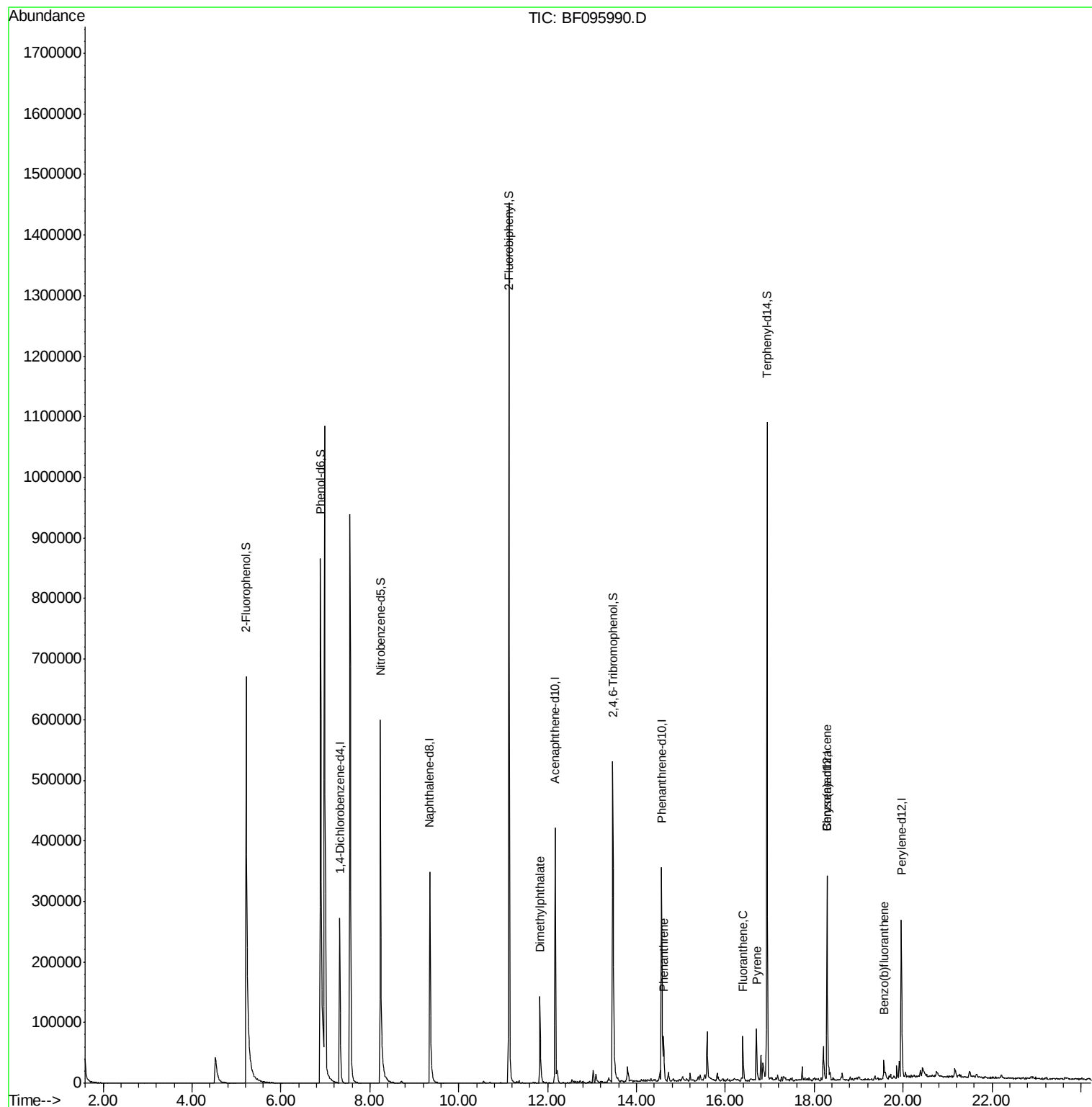
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
Data File : BF095990.D
Acq On : 17 Jun 2017 10:54
Operator : SJ/MA
Sample : I3683-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

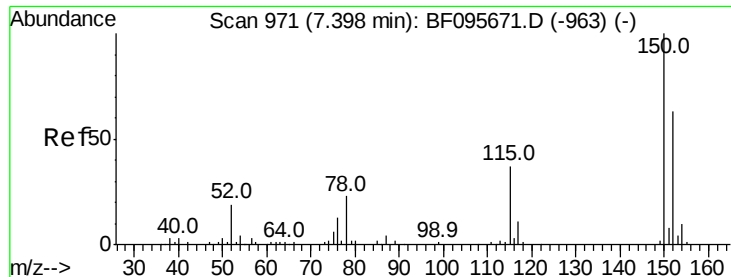
Instrument :
BNA_F
ClientSampleId :
CC-5C

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Quant Time: Jun 19 01:50:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
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QLast Update : Fri Jun 16 17:12:03 2017
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#1

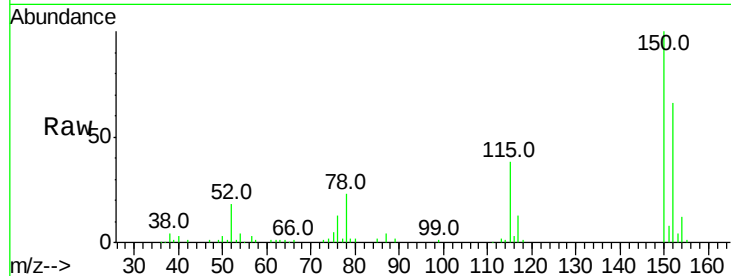
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095990.D
Acq: 17 Jun 2017 10:54

Instrument :
BNA_F
ClientSampleId :
CC-5C

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	126.2	189.2
115	57.3	52.2	78.2

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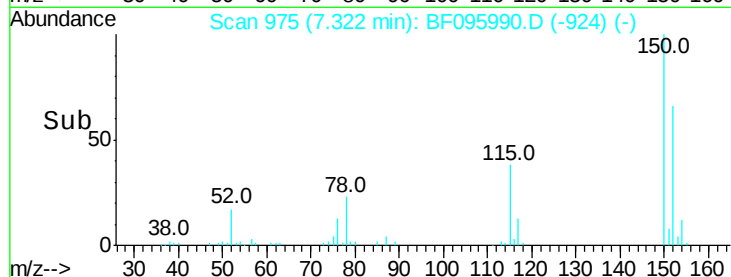
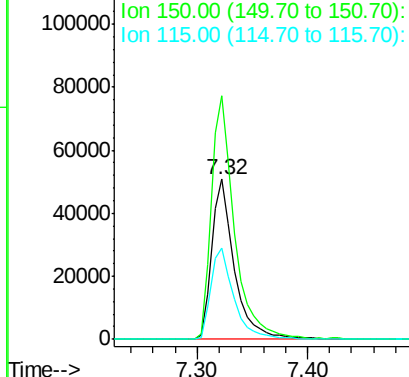


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

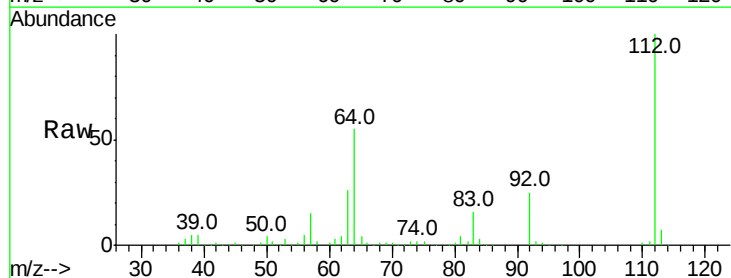
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 108.42 ng
RT: 5.22 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF095990.D
Acq: 17 Jun 2017 10:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	46.0	69.0
63	25.7	23.4	35.0

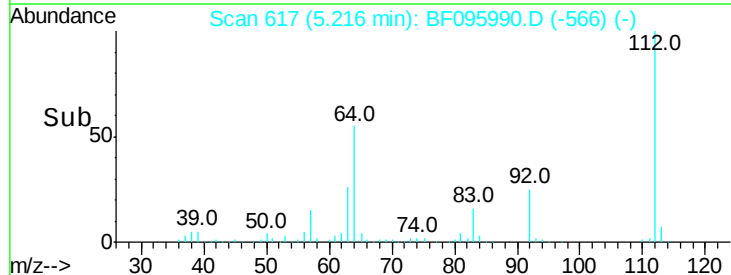
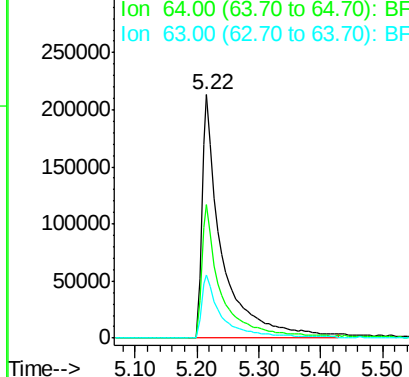


Abundance

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: 113.32 ng

RT: 6.89 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF095990.D

Acq: 17 Jun 2017 10:54

Instrument :

BNA_F

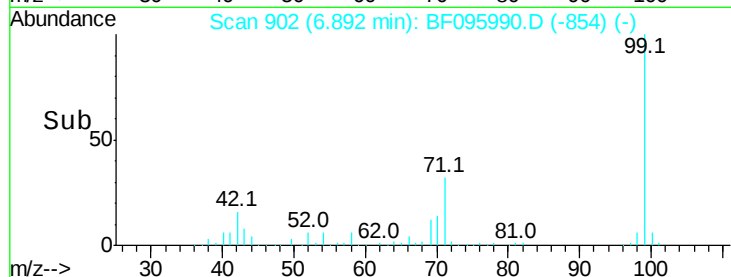
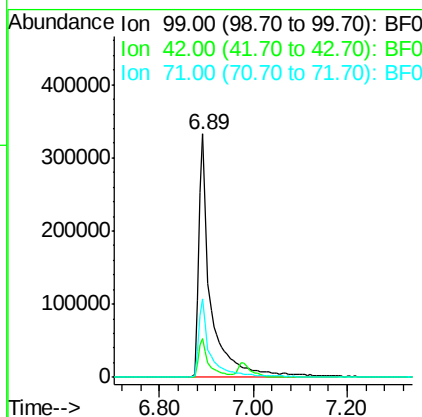
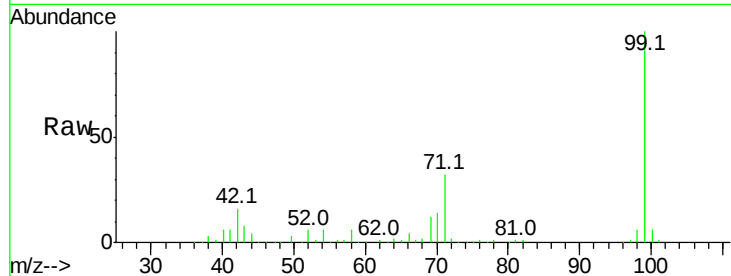
ClientSampleId :

CC-5C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		606752		
42	16.0	13.5	20.3		
71	32.4	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

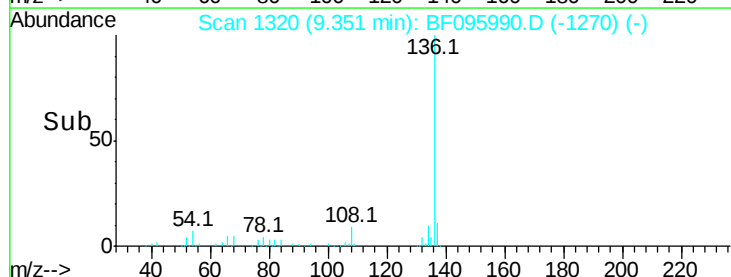
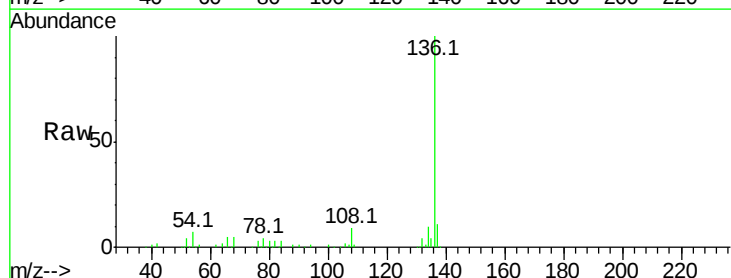
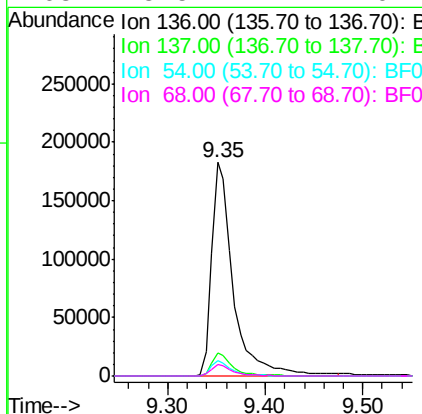
RT: 9.35 min Scan# 1320

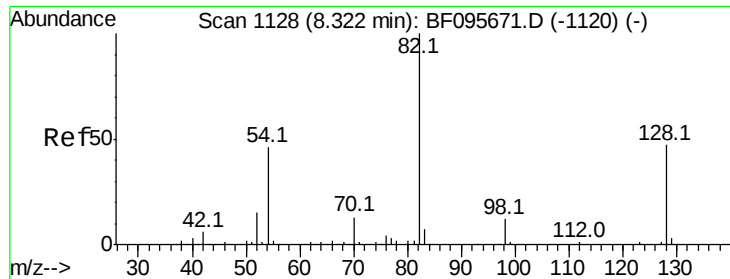
Delta R.T. -0.01 min

Lab File: BF095990.D

Acq: 17 Jun 2017 10:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		280569		
137	11.0	8.5	12.7		
54	7.2	4.9	7.3		
68	5.5	4.1	6.1		





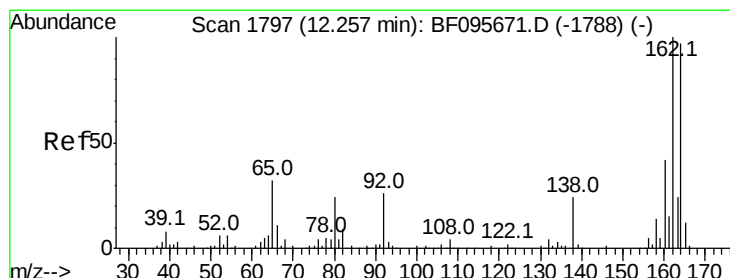
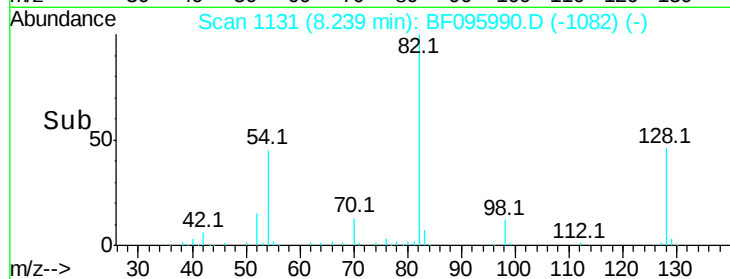
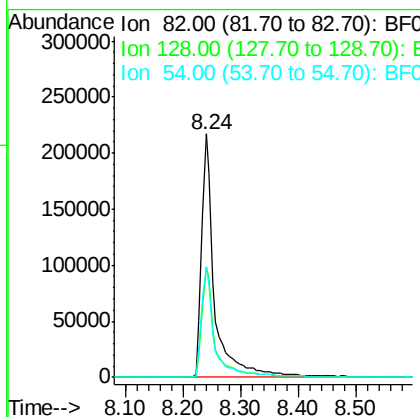
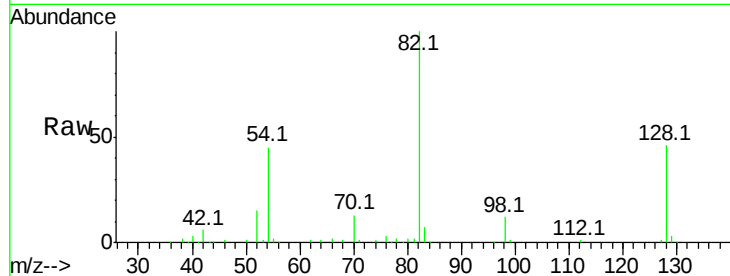
#23
 Nitrobenzene-d5
 Concen: 76.83 ng
 RT: 8.24 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BF095990.D
 Acq: 17 Jun 2017 10:54

Instrument :
 BNA_F
 ClientSampled :
 CC-5C

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.0	51.0
54	45.4	42.2	63.2

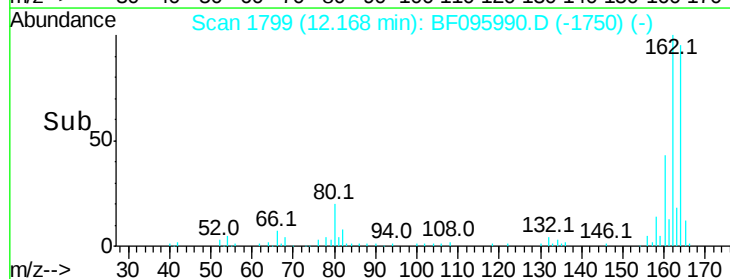
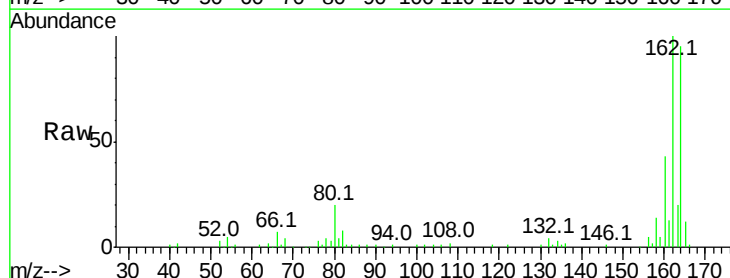
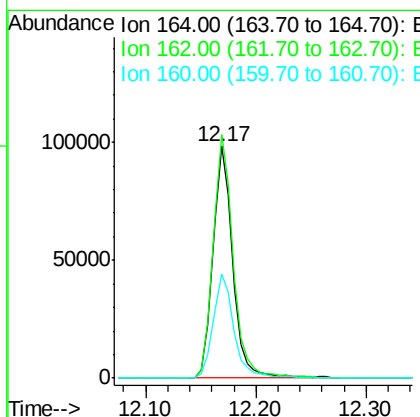
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.17 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BF095990.D
 Acq: 17 Jun 2017 10:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	45.1	36.2	54.2





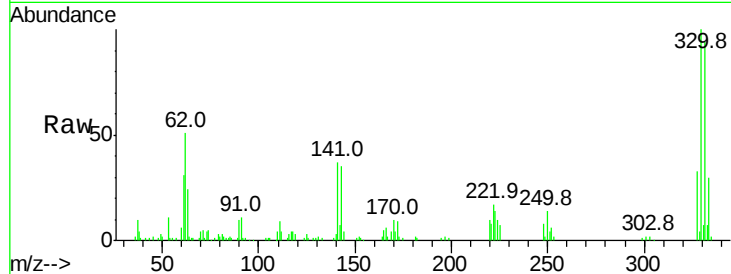
#41
 2,4,6-Tribromophenol
 Concen: 100.69 ng
 RT: 13.47 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF095990.D
 Acq: 17 Jun 2017 10:54

Instrument :
 BNA_F
 ClientSampleId :
 CC-5C

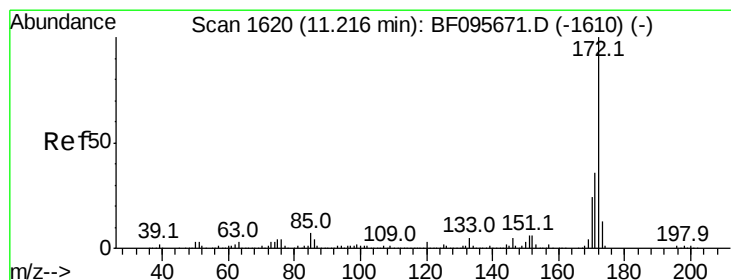
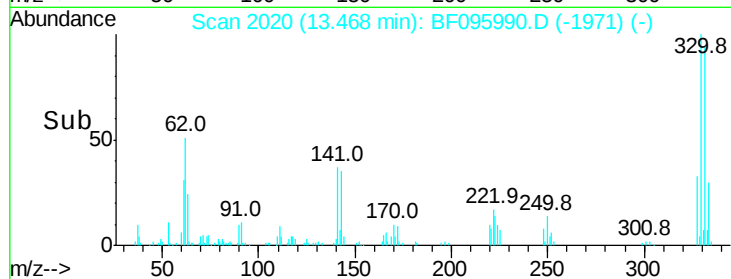
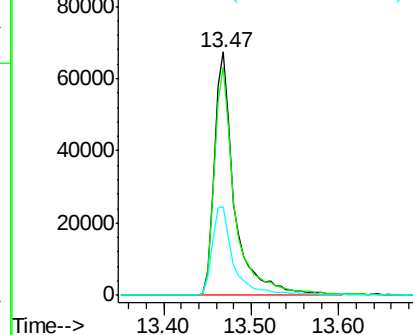
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	76.6	115.0	
141	38.4	31.4	47.2	

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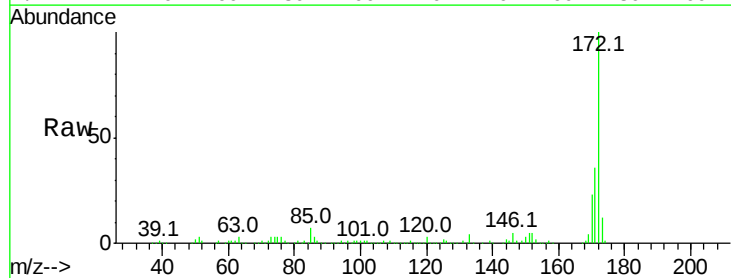


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

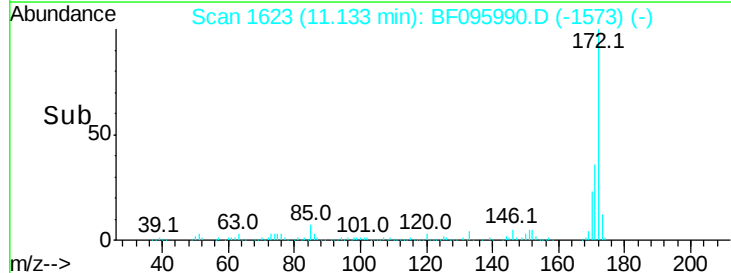
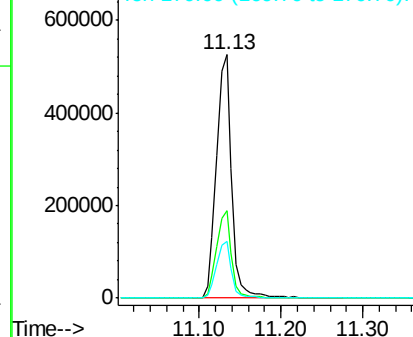


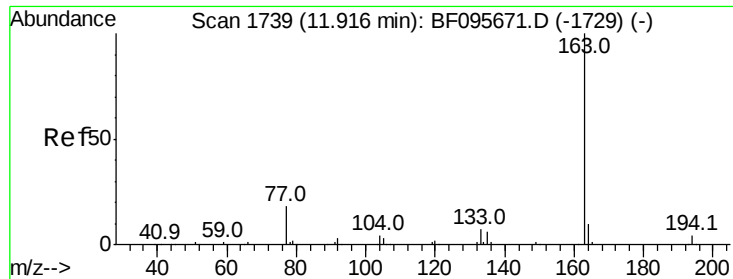
#44
 2-Fluorobiphenyl
 Concen: 78.63 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF095990.D
 Acq: 17 Jun 2017 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.8	29.6	44.4	
170	23.2	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





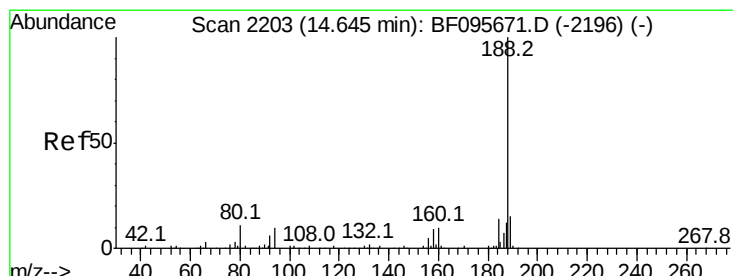
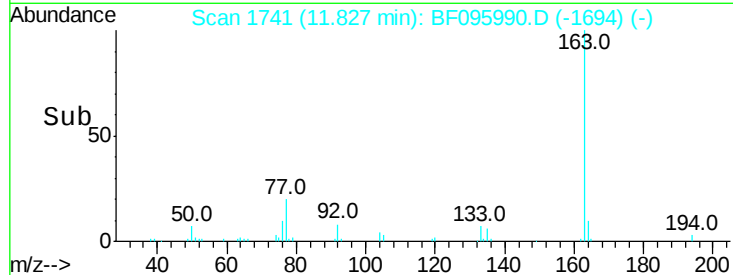
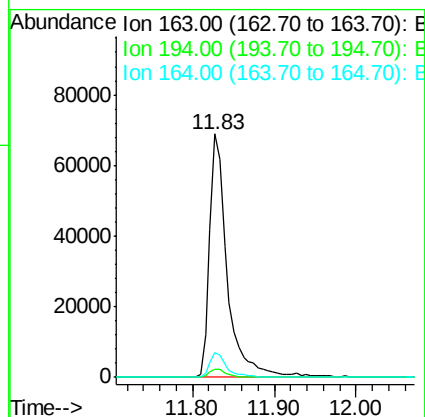
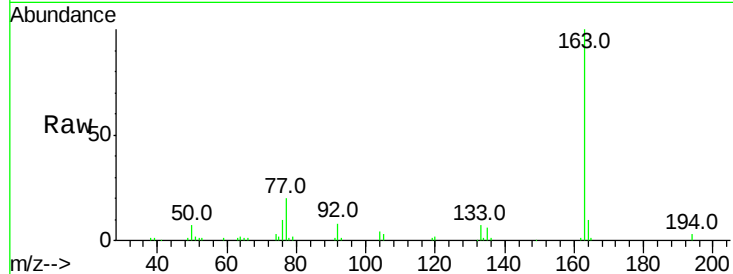
#49
Dimethylphthalate
Concen: 11.35 ng
RT: 11.83 min Scan# 1741
Delta R.T. -0.02 min
Lab File: BF095990.D
Acq: 17 Jun 2017 10:54

Instrument :
BNA_F
ClientSampleId :
CC-5C

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.3	8.4	12.6

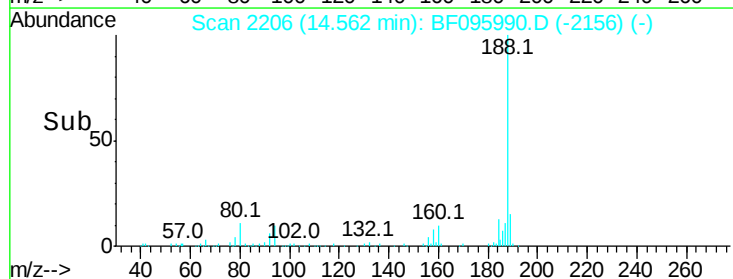
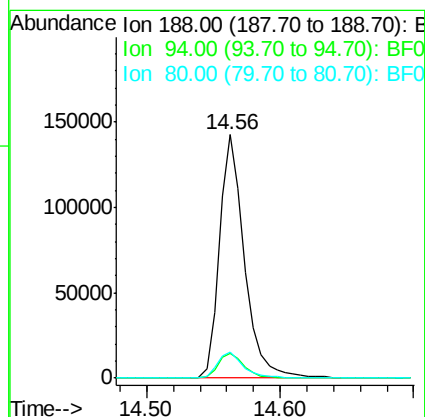
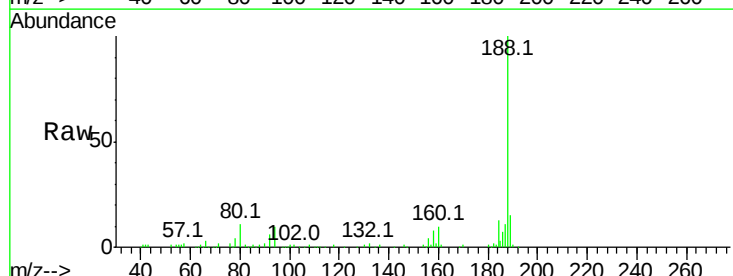
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF095990.D
Acq: 17 Jun 2017 10:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	10.8	10.2	15.2





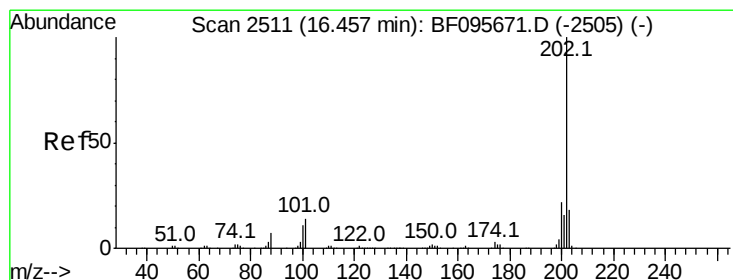
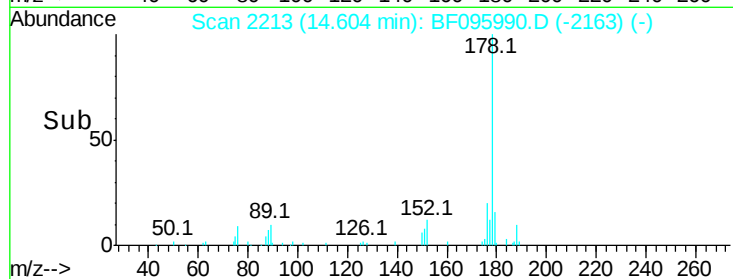
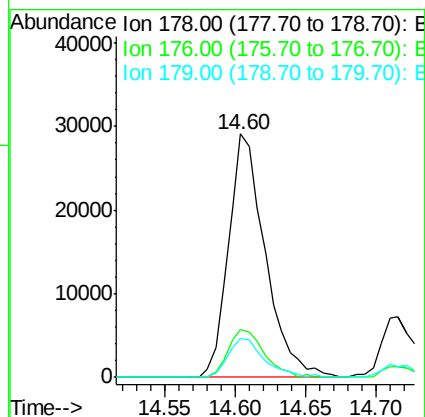
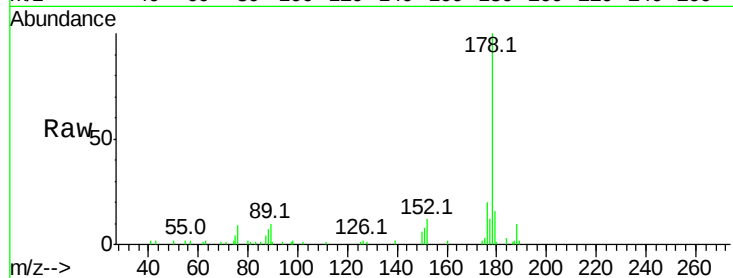
#70
Phenanthrene
Concen: 4.89 ng
RT: 14.60 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF095990.D
Acq: 17 Jun 2017 10:54

Instrument :
BNA_F
ClientSampled :
CC-5C

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	16.1	12.6	19.0

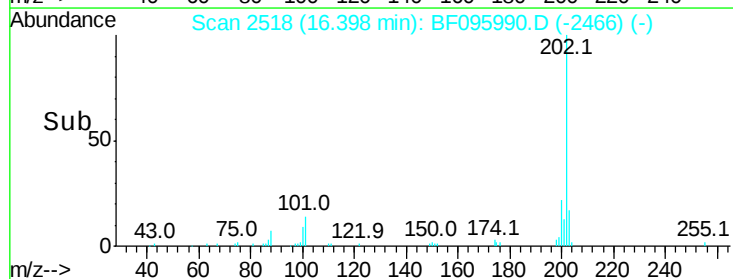
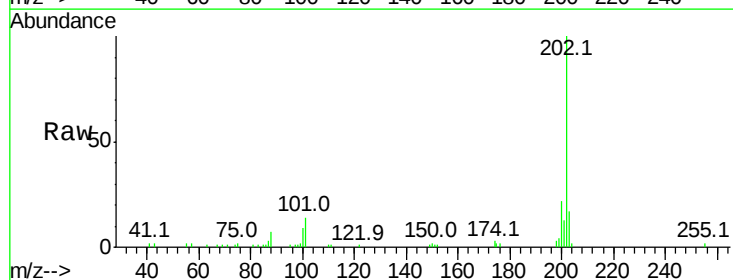
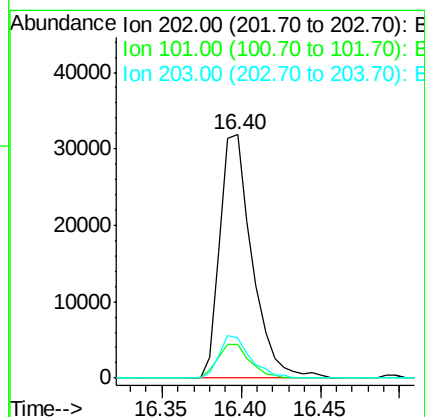
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#74
Fluoranthene
Concen: 4.20 ng
RT: 16.40 min Scan# 2518
Delta R.T. 0.01 min
Lab File: BF095990.D
Acq: 17 Jun 2017 10:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.2
203	16.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.29 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BF095990.D

Acq: 17 Jun 2017 10:54

Instrument :

BNA_F

ClientSampleId :

CC-5C

Tot Ion:240 Resp: 138028

Ion Ratio Lower Upper

240 100

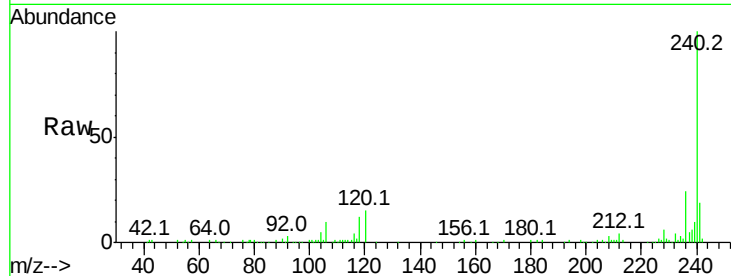
120 15.1 5.8 8.8#

236 24.2 20.5 30.7

Manual Integrations
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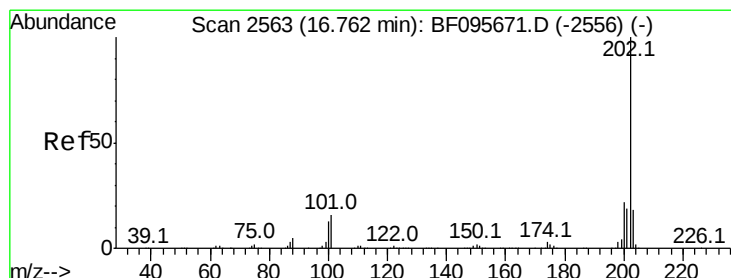
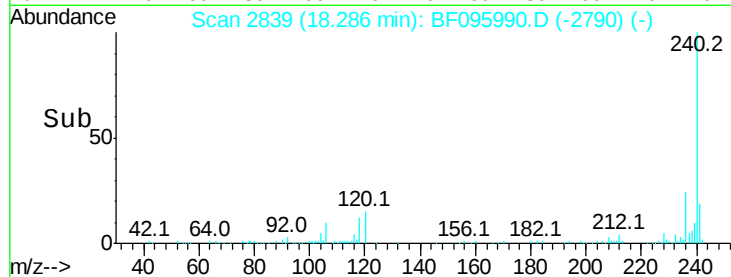
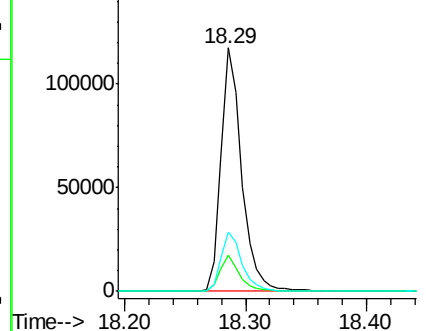
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 3.50 ng

RT: 16.70 min Scan# 2569

Delta R.T. 0.00 min

Lab File: BF095990.D

Acq: 17 Jun 2017 10:54

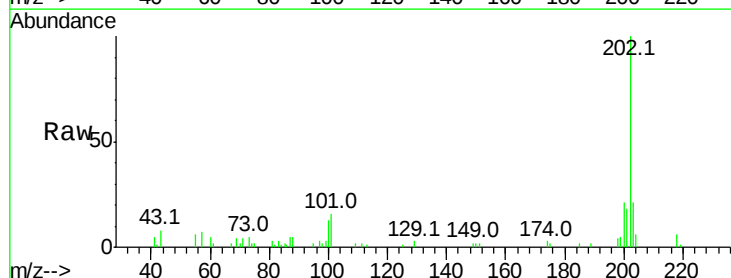
Tgt Ion:202 Resp: 36088

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

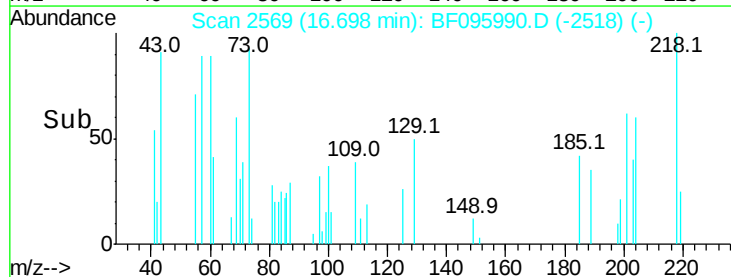
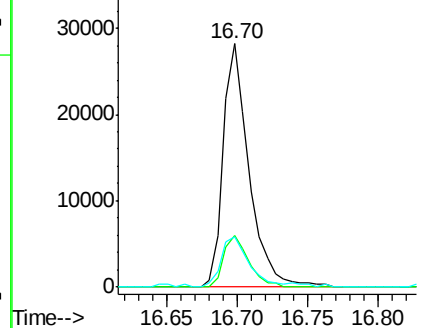
203 20.9 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





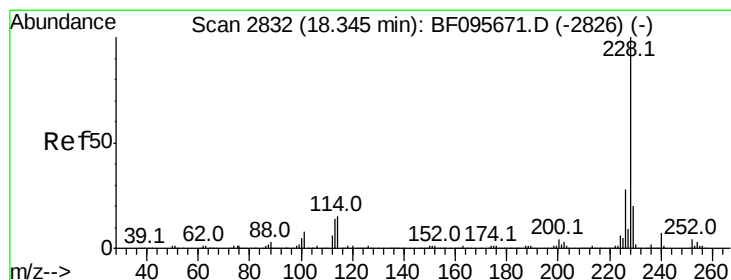
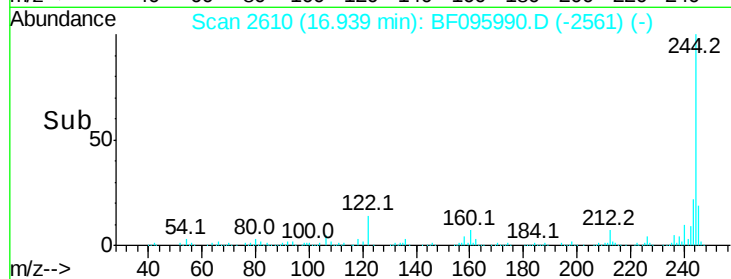
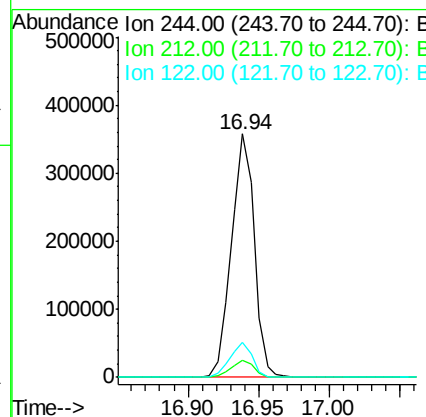
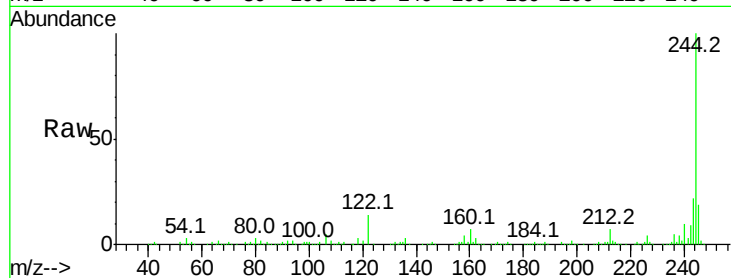
#78
 Terphenyl-d14
 Concen: 72.55 ng
 RT: 16.94 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BF095990.D
 Acq: 17 Jun 2017 10:54

Instrument :
 BNA_F
 ClientSampleId :
 CC-5C

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.8	6.0	9.0	
122	14.3	10.3	15.5	

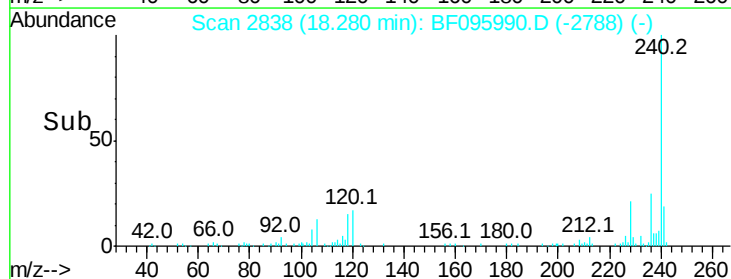
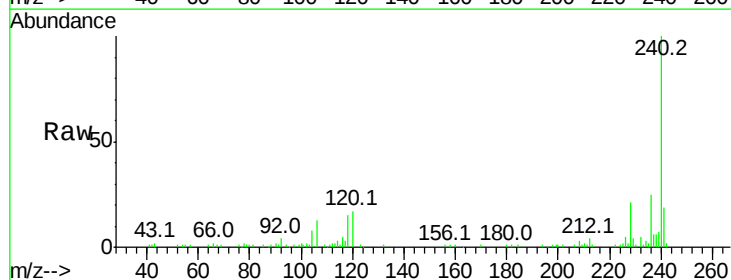
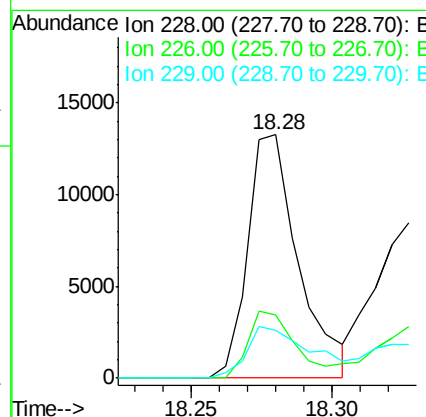
Manual Integrations
 APPROVED

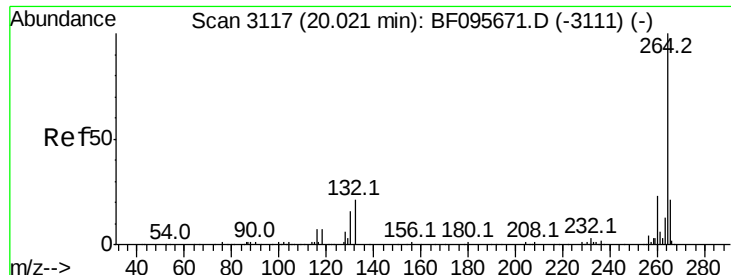
mohammad
 6/19/2017 3:48:12 PM



#80
 Benzo(a)anthracene
 Concen: 2.07 ng
 RT: 18.28 min Scan# 2838
 Delta R.T. -0.01 min
 Lab File: BF095990.D
 Acq: 17 Jun 2017 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	26.1	22.6	33.8	
229	19.4	16.3	24.5	





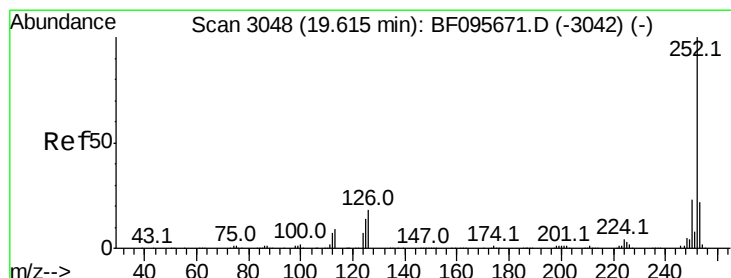
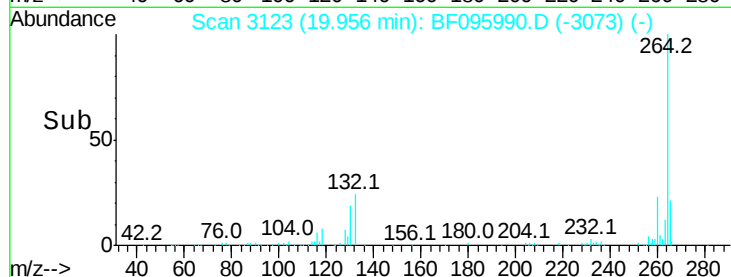
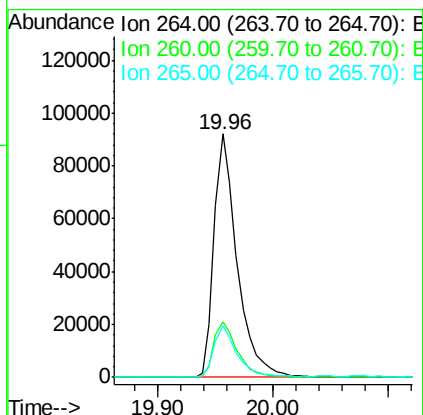
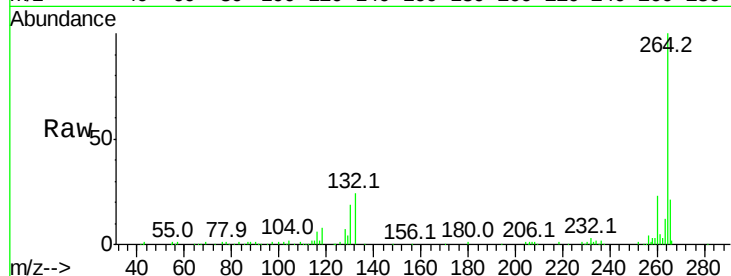
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095990.D
Acq: 17 Jun 2017 10:54

Instrument :
BNA_F
ClientSampleId :
CC-5C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.0	17.2	25.8

Manual Integrations
APPROVED

mohammad
6/19/2017 3:48:12 PM



#87
Benzo(b)fluoranthene
Concen: 2.10 ng m
RT: 19.57 min Scan# 3057
Delta R.T. 0.01 min
Lab File: BF095990.D
Acq: 17 Jun 2017 10:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	15.5	9.8	14.8#

