

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095749.D
 Acq On : 7 Jun 2017 16:51
 Operator : SJ/MA
 Sample : I3488-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-060517-B

Manual Integrations
 APPROVED

mohammad
 6/8/2017 12:18:44 PM

Quant Time: Jun 08 04:41:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	81379	20.00	ng	-0.02
21) Naphthalene-d8	9.41	136	322604	20.00	ng	-0.02
38) Acenaphthene-d10	12.23	164	136544	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	211977	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	156124	20.00	ng	-0.01
86) Perylene-d12	20.02	264	119422	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	579954	113.56	ng	-0.01
7) Phenol-d6	6.95	99	677966	110.89	ng	-0.01
23) Nitrobenzene-d5	8.30	82	393333	75.72	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	117865	97.56	ng	-0.02
44) 2-Fluorobiphenyl	11.20	172	709512	72.31	ng	-0.02
78) Terphenyl-d14	17.02	244	421891	67.06	ng	0.00
Target Compounds						
49) Dimethylphthalate	11.89	163	138101	13.32	ng	Qvalue 99
77) Pyrene	16.77	202	34600	2.97	ng	97
82) Chrysene	18.38	228	18761	2.07	ng	# 86
87) Benzo(b)fluoranthene	19.62	252	25198m	3.37	ng	# 74
89) Benzo(a)pyrene	19.97	252	14658	2.13	ng	# 74

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

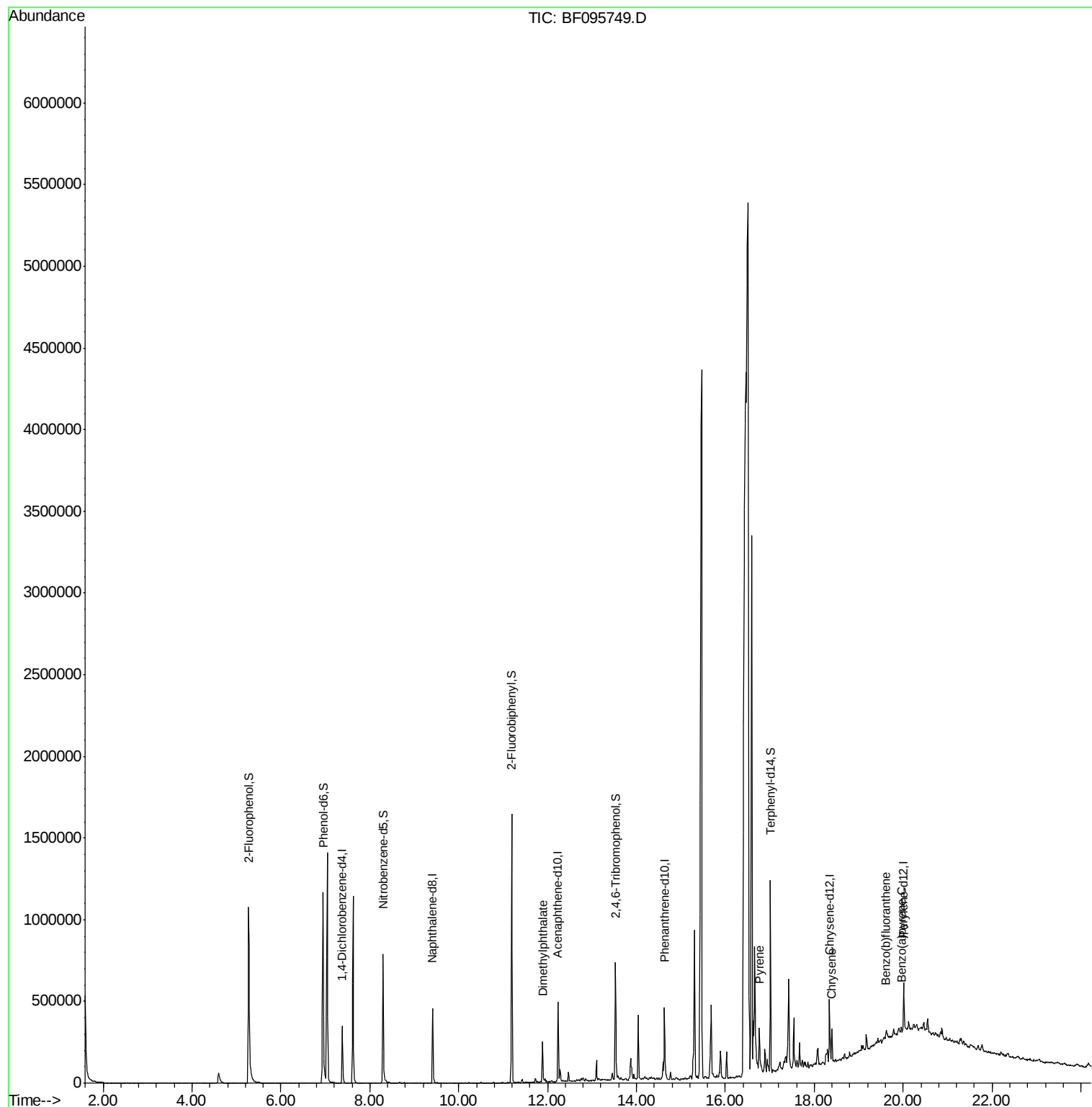
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
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Acq On : 7 Jun 2017 16:51
Operator : SJ/MA
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#1

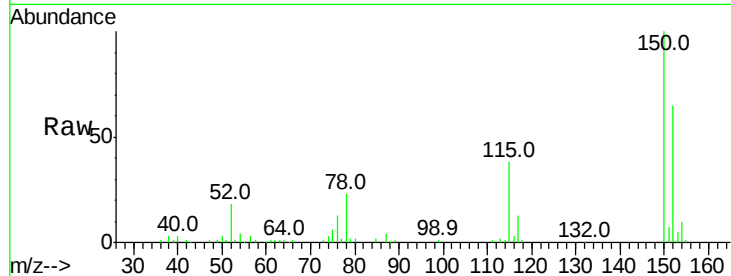
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.38 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF095749.D
 Acq: 7 Jun 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-060517-B

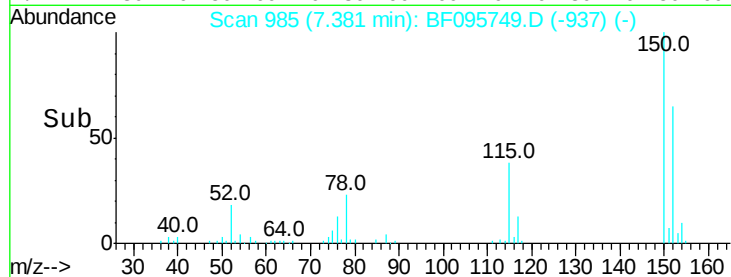
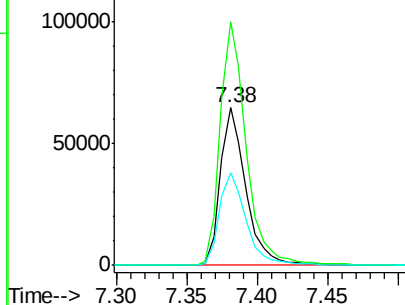
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.2	189.2
115	59.0	52.2	78.2

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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

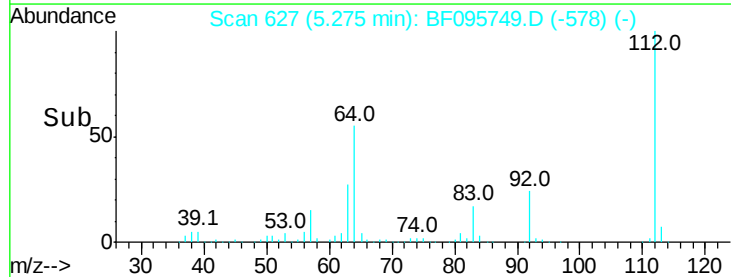
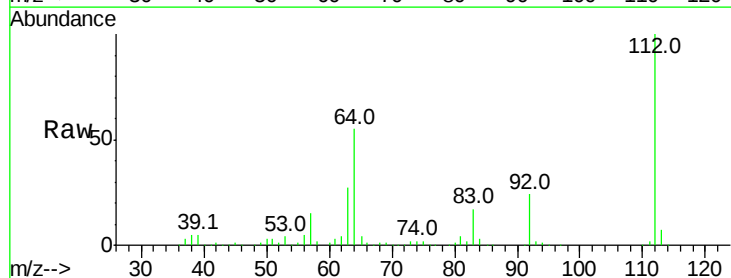
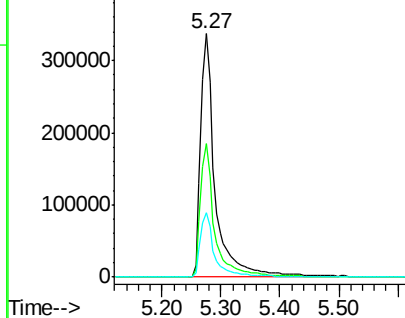


#5

2-Fluorophenol
 Concen: 113.56 ng
 RT: 5.27 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF095749.D
 Acq: 7 Jun 2017 16:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.0	69.0
63	26.6	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: 110.89 ng

RT: 6.95 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF095749.D

Acq: 7 Jun 2017 16:51

Instrument :

BNA_F

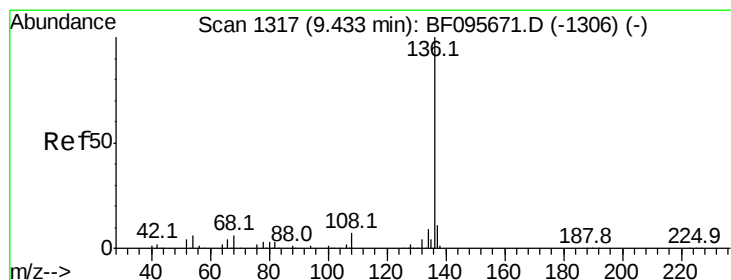
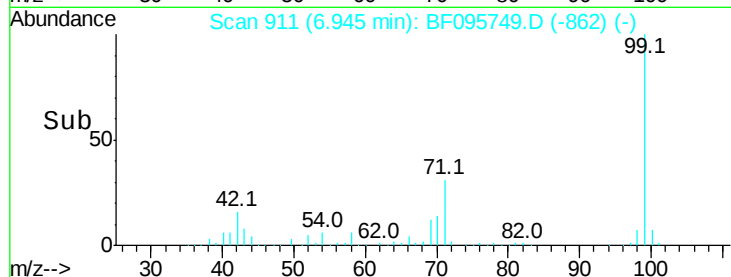
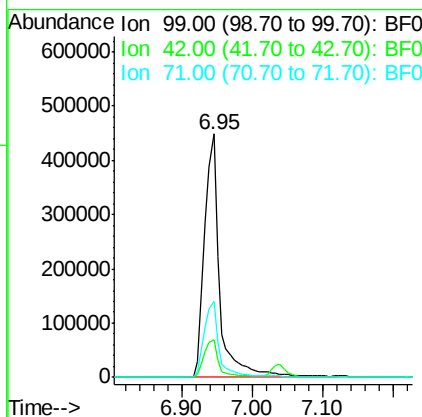
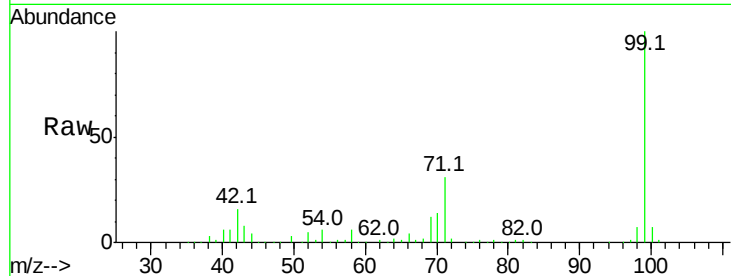
ClientSampleId :

TR-04-060517-B

Tot Ion:	99	Resp:	677966
Ion Ratio	Lower	Upper	
99	100		
42	15.6	13.5	20.3
71	31.2	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

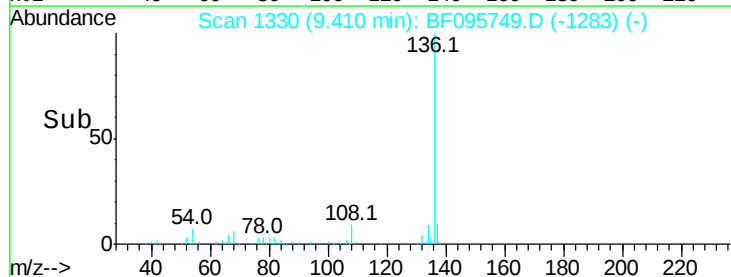
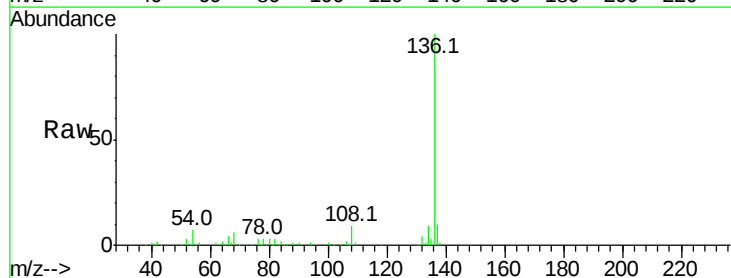
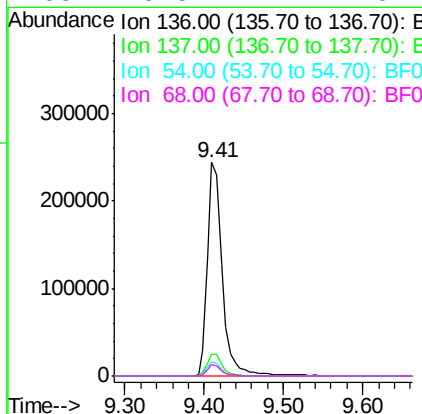
RT: 9.41 min Scan# 1330

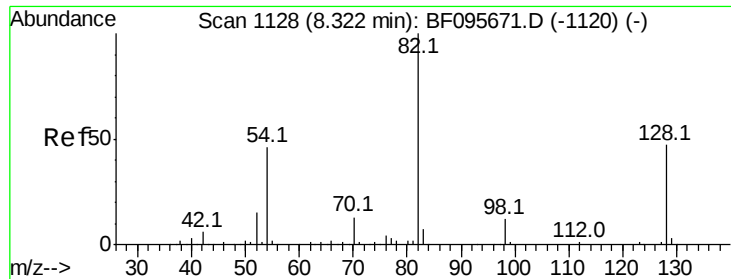
Delta R.T. -0.02 min

Lab File: BF095749.D

Acq: 7 Jun 2017 16:51

Tgt Ion:	136	Resp:	322604
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.5	12.7
54	6.7	4.9	7.3
68	5.5	4.1	6.1





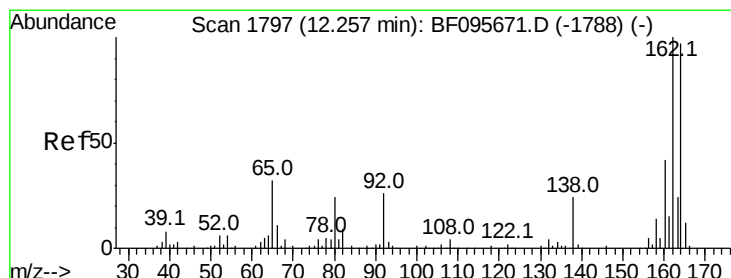
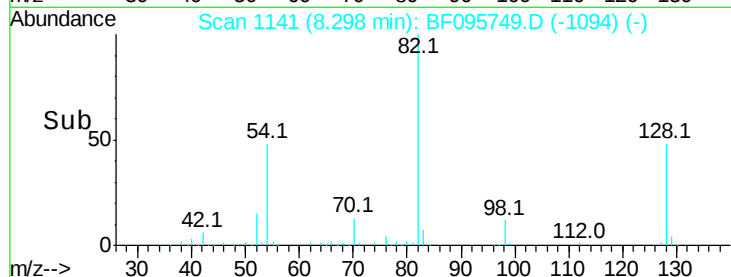
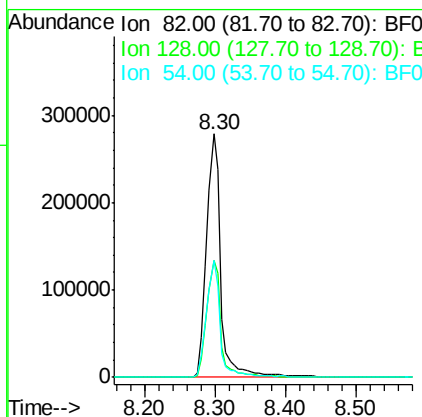
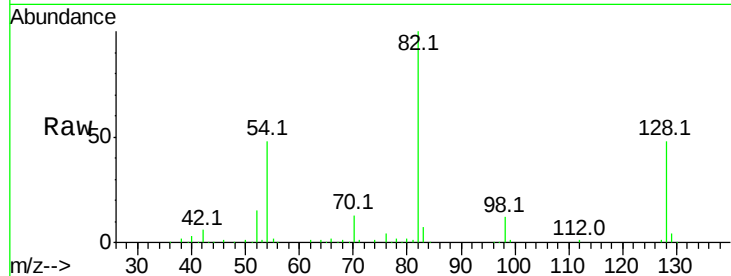
#23
Nitrobenzene-d5
Concen: 75.72 ng
RT: 8.30 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF095749.D
Acq: 7 Jun 2017 16:51

Instrument :
BNA_F
ClientSampleId :
TR-04-060517-B

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.3	34.0	51.0	
54	48.3	42.2	63.2	

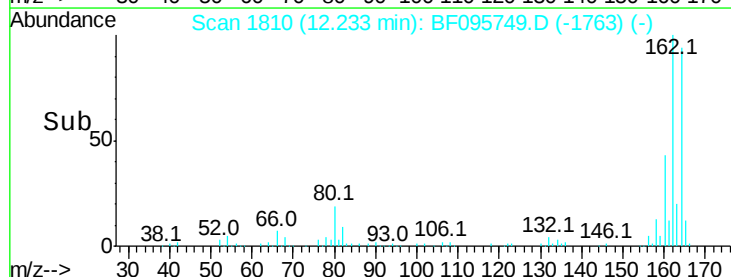
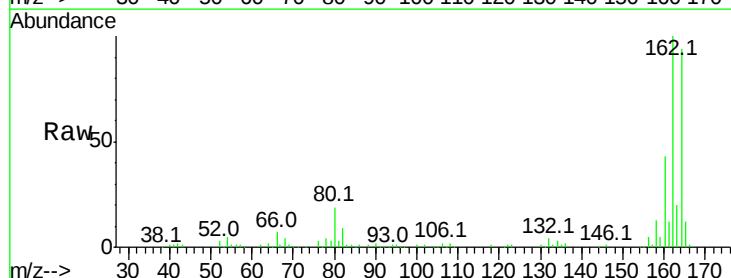
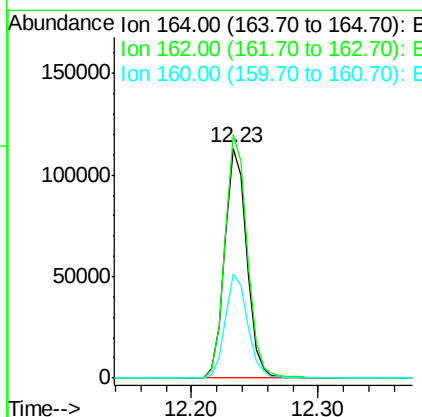
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.23 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF095749.D
Acq: 7 Jun 2017 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.8	82.6	123.8	
160	45.2	36.2	54.2	





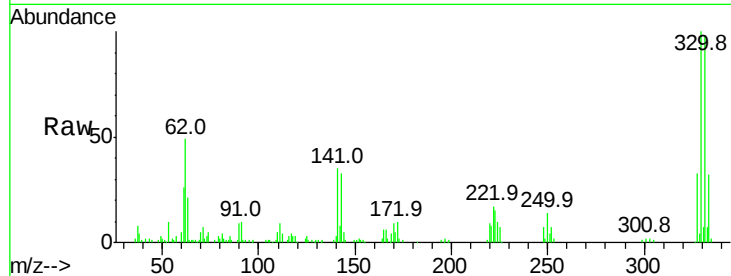
#41
 2,4,6-Tribromophenol
 Concen: 97.56 ng
 RT: 13.53 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF095749.D
 Acq: 7 Jun 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-060517-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	38.9	31.4	47.2

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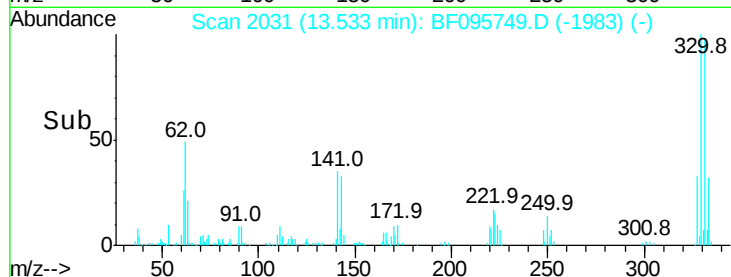
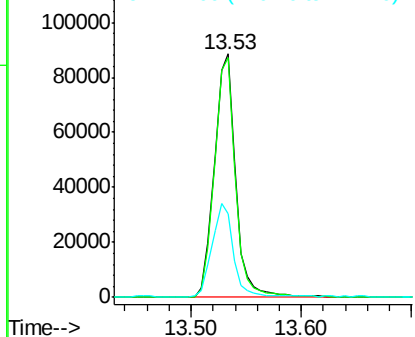


Abundance

Ion 329.80 (329.50 to 330.50): E

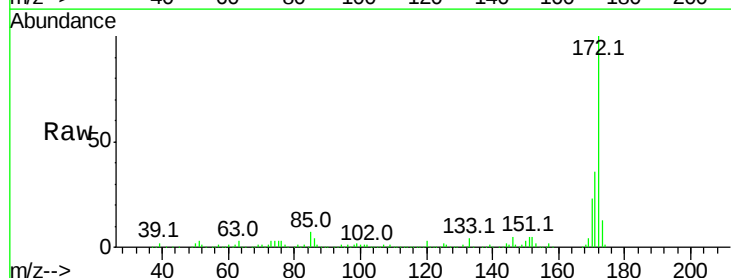
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.31 ng
 RT: 11.20 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BF095749.D
 Acq: 7 Jun 2017 16:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.2	19.8	29.8

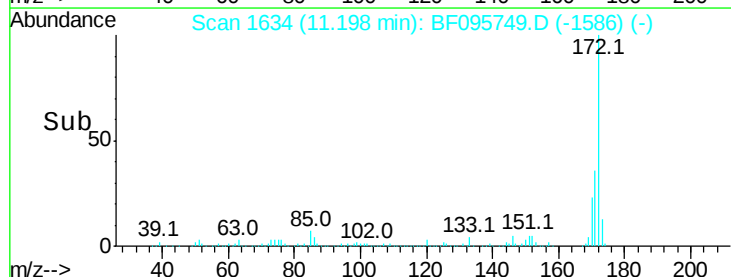
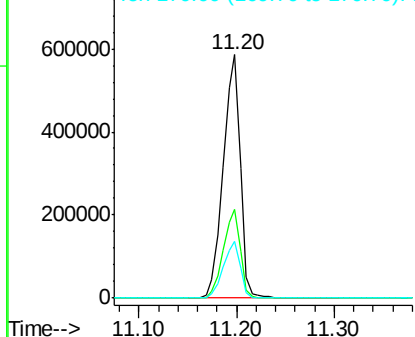


Abundance

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





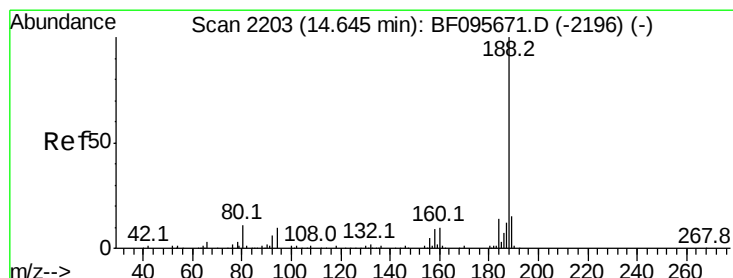
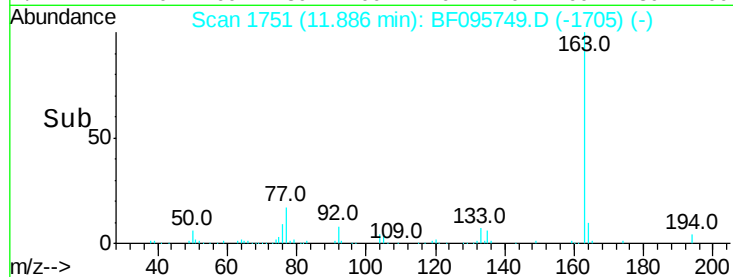
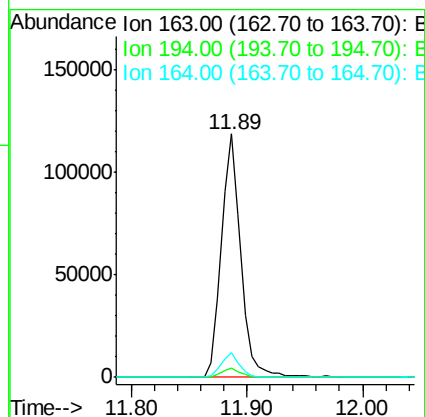
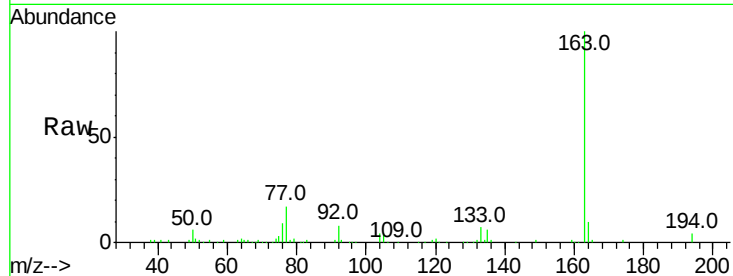
#49
Dimethylphthalate
Concen: 13.32 ng
RT: 11.89 min Scan# 1751
Delta R.T. -0.03 min
Lab File: BF095749.D
Acq: 7 Jun 2017 16:51

Instrument :
BNA_F
ClientSampleId :
TR-04-060517-B

Tot Ion	Ratio	Resp	Lower	Upper
163	100	138101		
194	3.7		2.6	4.0
164	10.0		8.4	12.6

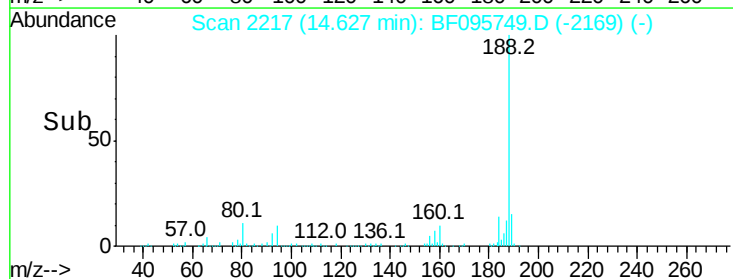
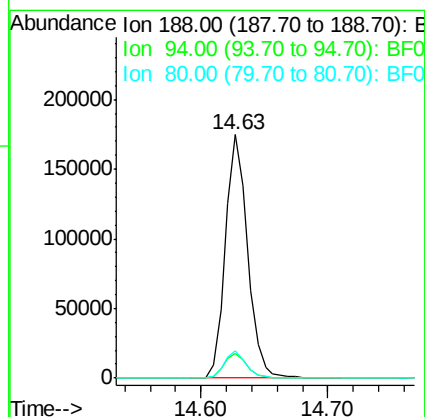
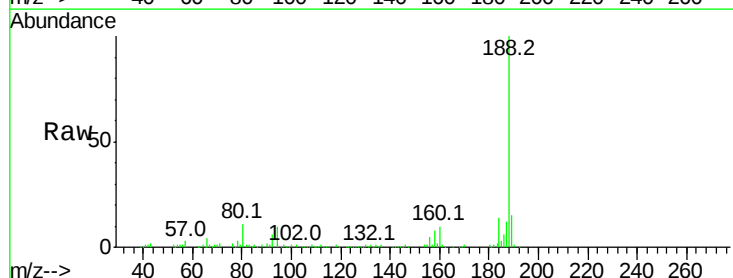
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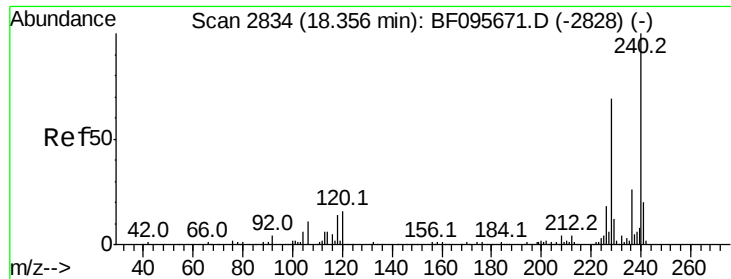
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BF095749.D
Acq: 7 Jun 2017 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	211977		
94	10.3		9.4	14.2
80	11.2		10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.34 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BF095749.D

Acq: 7 Jun 2017 16:51

Instrument :

BNA_F

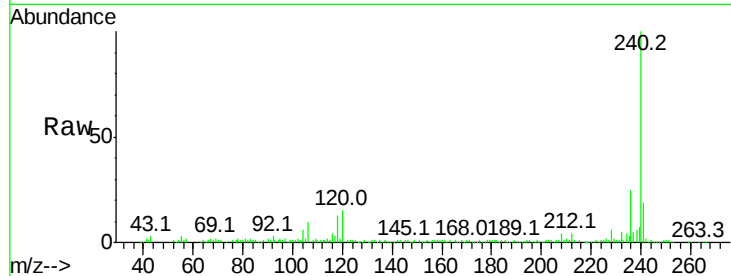
ClientSampled :

TR-04-060517-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	25.1	20.5	30.7

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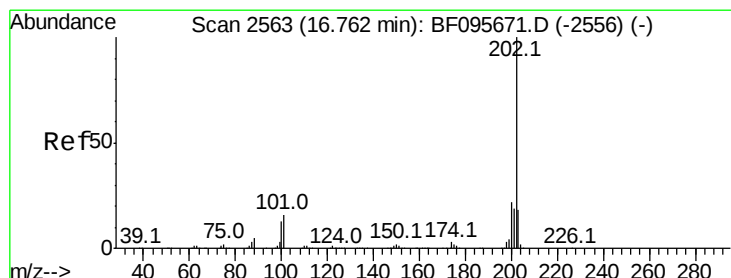
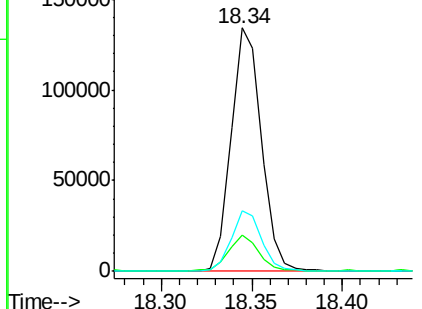
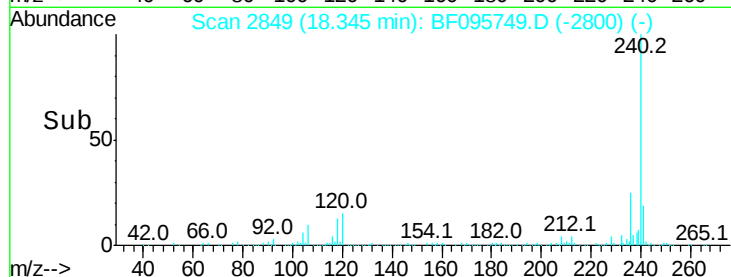
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.97 ng

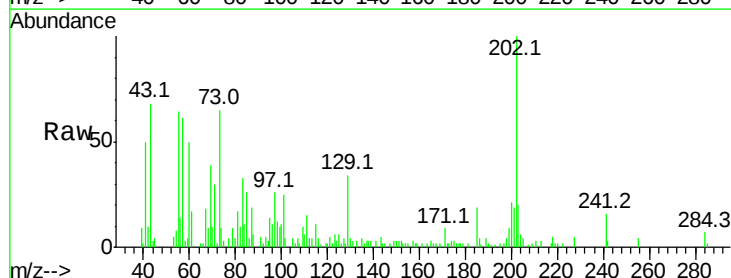
RT: 16.77 min Scan# 2581

Delta R.T. 0.01 min

Lab File: BF095749.D

Acq: 7 Jun 2017 16:51

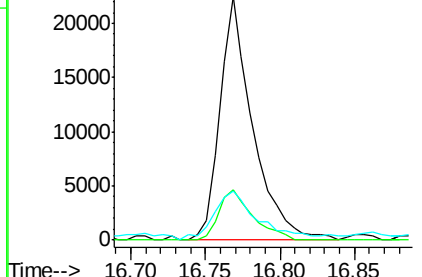
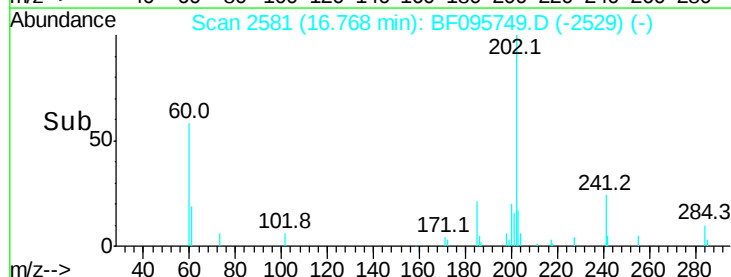
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	20.0	14.4	21.6



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





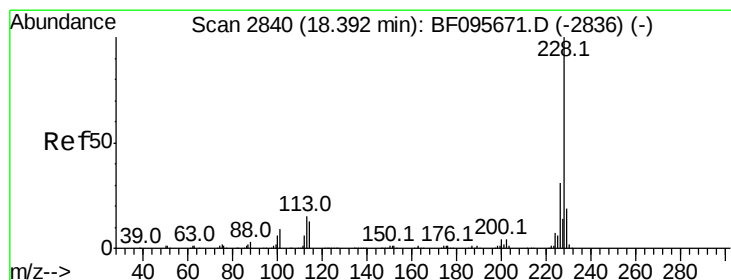
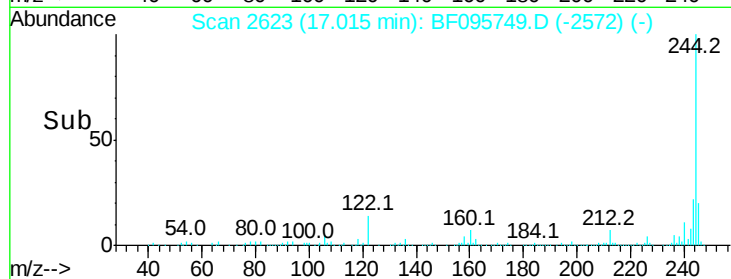
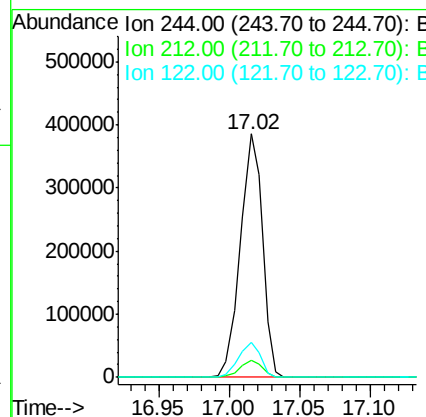
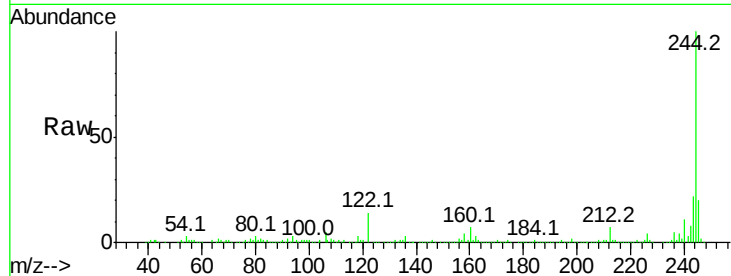
#78
 Terphenyl-d14
 Concen: 67.06 ng
 RT: 17.02 min Scan# 2623
 Delta R.T. -0.00 min
 Lab File: BF095749.D
 Acq: 7 Jun 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-060517-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.1	10.3	15.5

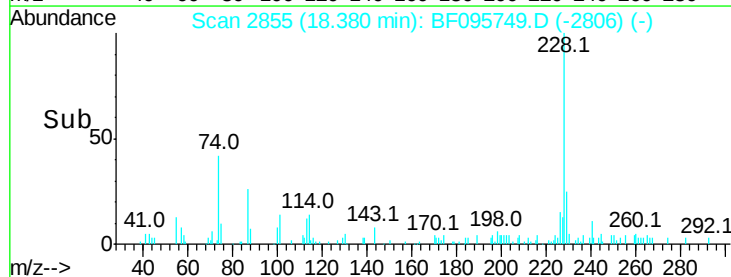
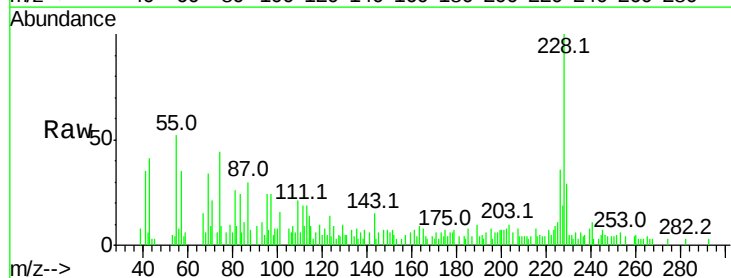
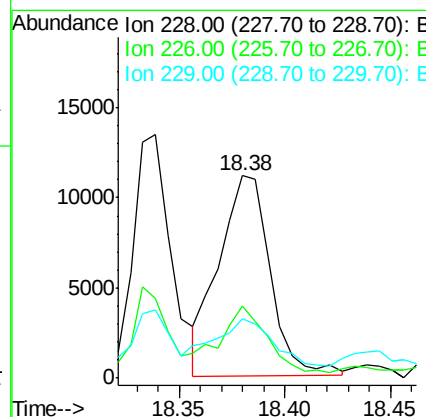
Manual Integrations
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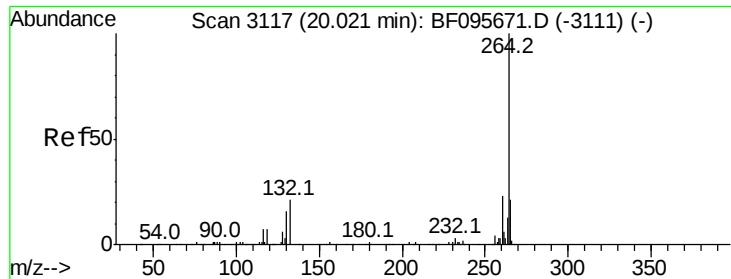
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#82
 Chrysene
 Concen: 2.07 ng
 RT: 18.38 min Scan# 2855
 Delta R.T. -0.01 min
 Lab File: BF095749.D
 Acq: 7 Jun 2017 16:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.9	24.9	37.3
229	29.4	15.8	23.6





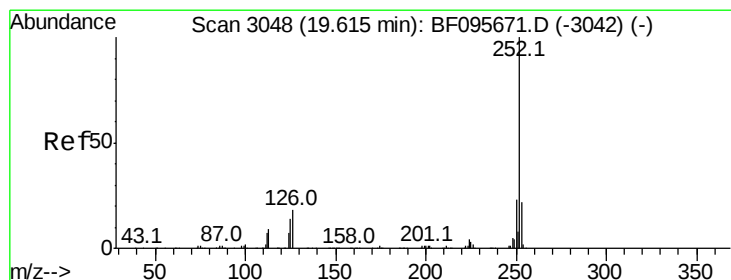
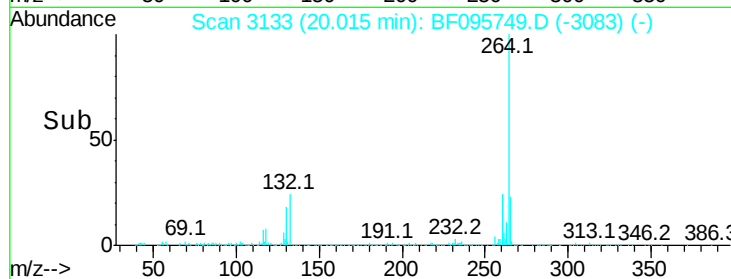
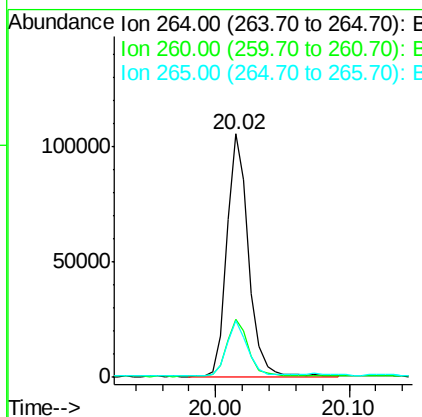
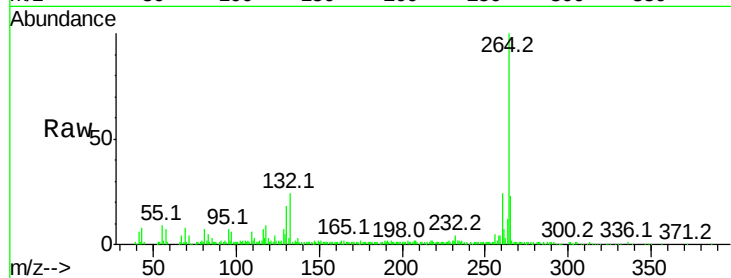
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BF095749.D
Acq: 7 Jun 2017 16:51

Instrument :
BNA_F
ClientSampleId :
TR-04-060517-B

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.1	19.5	29.3	
265	23.2	17.2	25.8	

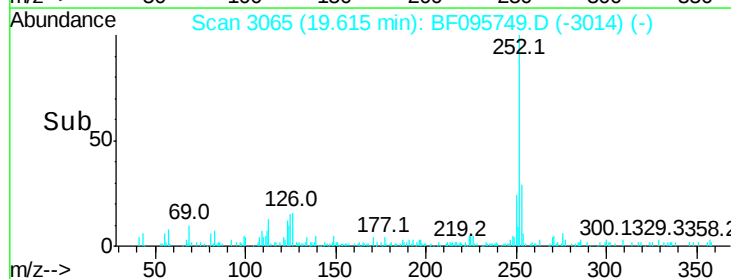
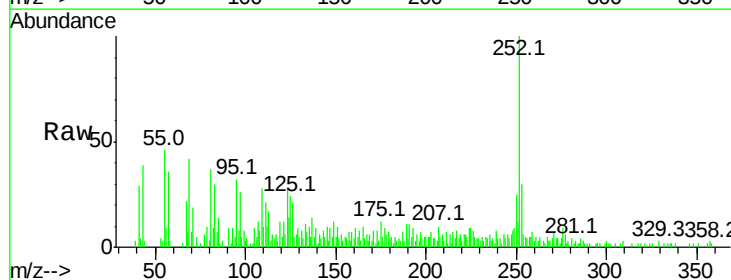
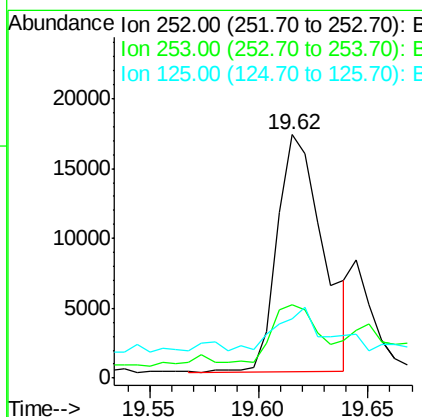
Manual Integrations
APPROVED

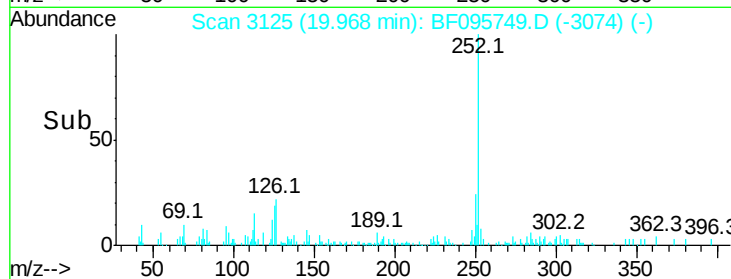
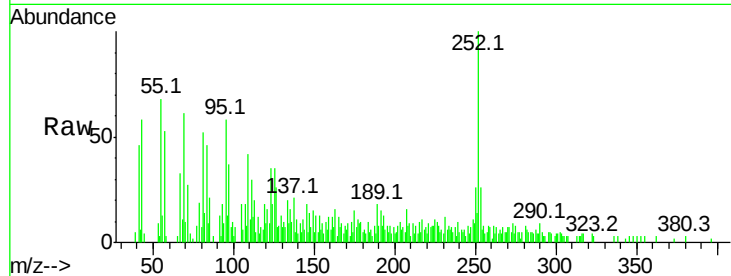
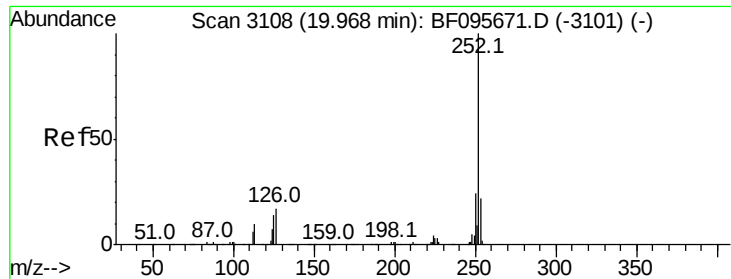
mohammad
6/8/2017 12:18:44 PM



#87
Benzo(b)fluoranthene
Concen: 3.37 ng m
RT: 19.62 min Scan# 3065
Delta R.T. -0.00 min
Lab File: BF095749.D
Acq: 7 Jun 2017 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	30.3	18.1	27.1#	
125	24.5	9.8	14.8#	





#89

Benzo(a)pyrene

Concen: 2.13 ng

RT: 19.97 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BF095749.D

Acq: 7 Jun 2017 16:51

Instrument :

BNA_F

ClientSampleId :

TR-04-060517-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.5	26.3
125	34.9	11.0	16.4

Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:44 PM

