

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095482.D
 Acq On : 27 May 2017 3:54
 Operator : SJ/MA
 Sample : I3316-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WS-3

Manual Integrations
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Quant Time: May 27 06:55:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	88588	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	344786	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	141577	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	196434	20.00	ng	0.00
75) Chrysene-d12	18.68	240	169132	20.00	ng	0.00
86) Perylene-d12	20.36	264	113195	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	233289	43.90	ng	0.03
7) Phenol-d6	7.33	99	165430	25.95	ng	0.04
23) Nitrobenzene-d5	8.65	82	572697	104.74	ng	0.00
41) 2,4,6-Tribromophenol	13.90	330	76947	66.36	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	1140658	115.96	ng	0.00
78) Terphenyl-d14	17.32	244	631531	82.24	ng	0.00
Target Compounds						
31) Naphthalene	9.81	128	56065	3.24	ng	Qvalue # 95
37) 2-Methylnaphthalene	10.94	142	38037	3.34	ng	98
49) Dimethylphthalate	12.24	163	78562	6.76	ng	100
51) Acenaphthene	12.65	154	132626	14.73	ng	99
54) Dibenzofuran	12.95	168	82763	6.64	ng	93
57) Fluorene	13.49	166	80548	7.43	ng	99
70) Phenanthrene	15.04	178	258943	22.94	ng	97
71) Anthracene	15.14	178	29863m	2.59	ng	
74) Fluoranthene	16.79	202	89495	7.73	ng	97
77) Pyrene	17.09	202	53533	4.23	ng	# 93

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

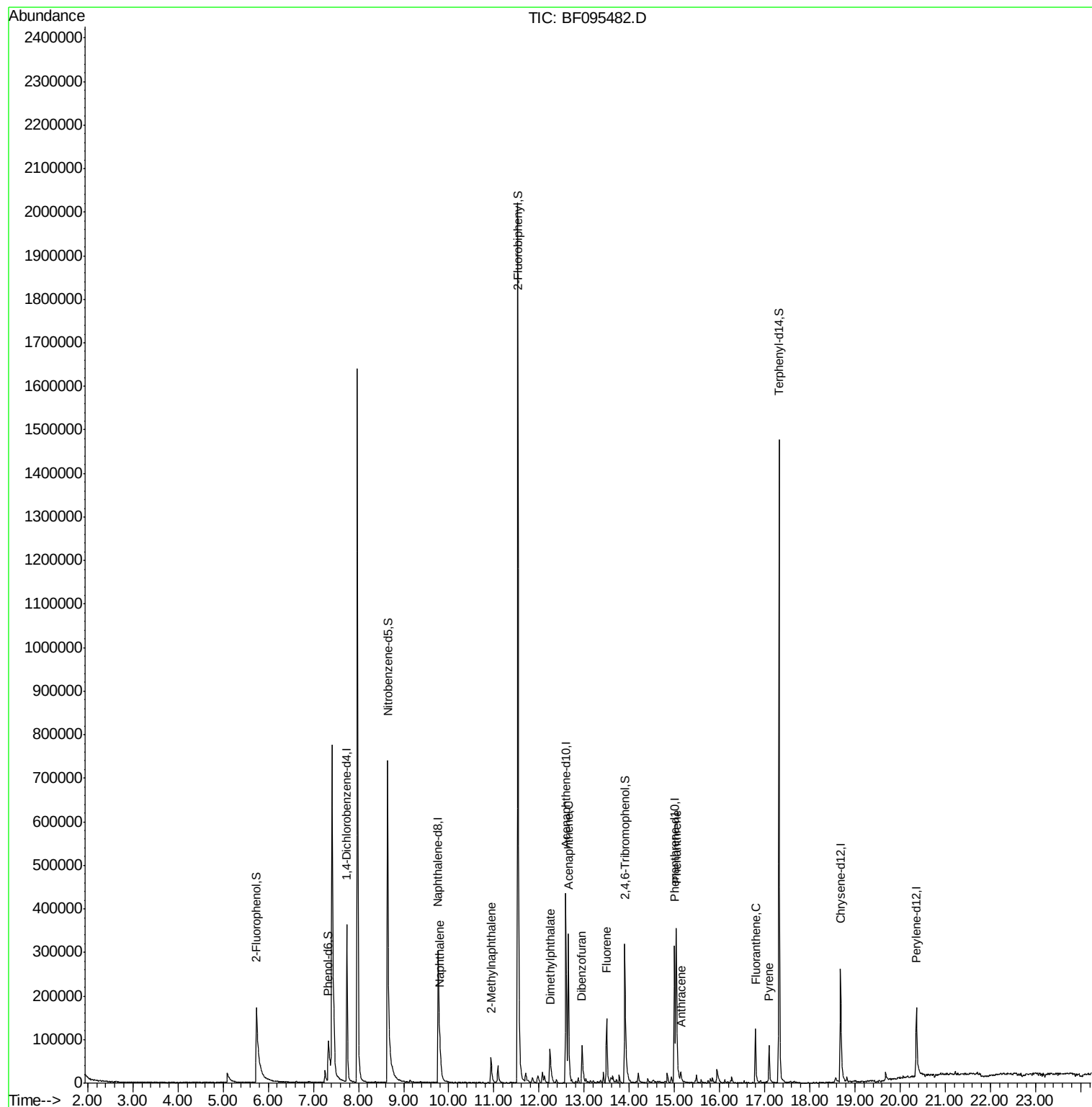
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095482.D
Acq On : 27 May 2017 3:54
Operator : SJ/MA
Sample : I3316-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

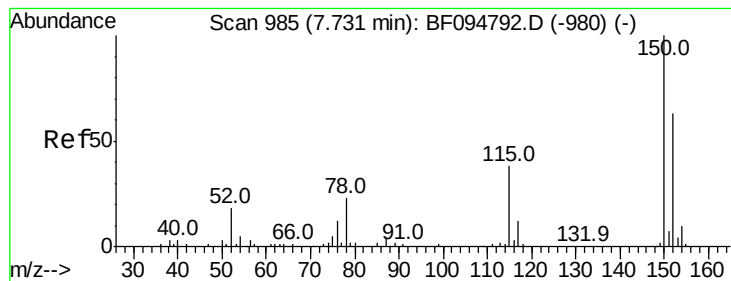
Instrument :
BNA_F
ClientSampleId :
WS-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

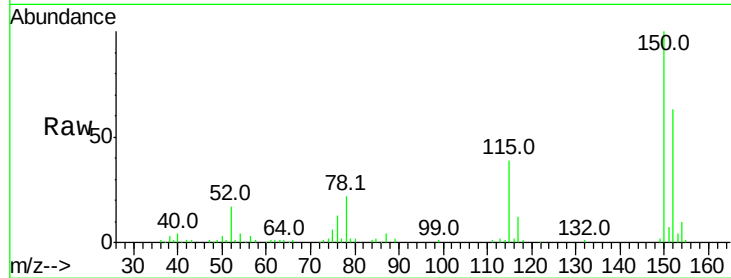
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF095482.D
Acq: 27 May 2017 3:54

Instrument :
BNA_F
ClientSampled :
WS-3

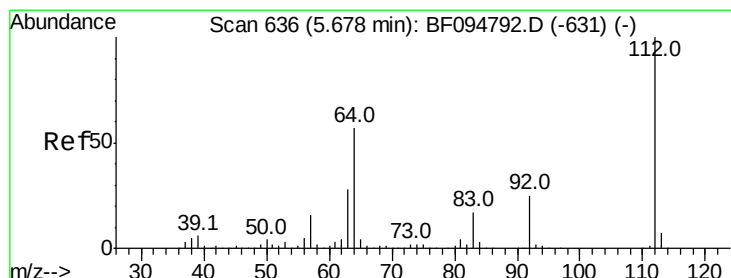
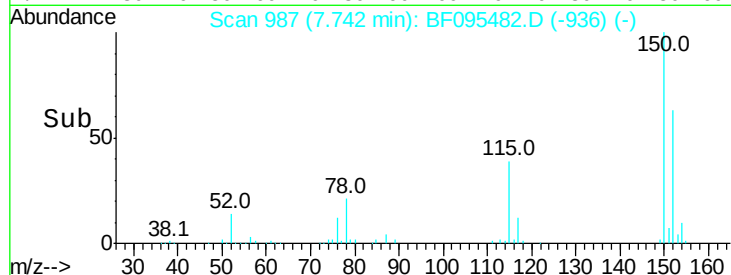
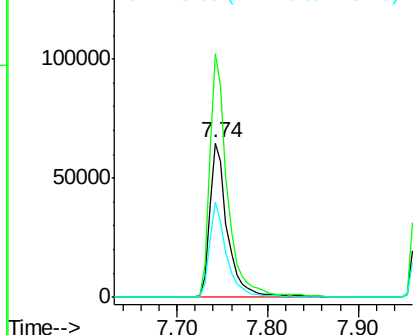
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.2	189.2
115	61.3	52.2	78.2

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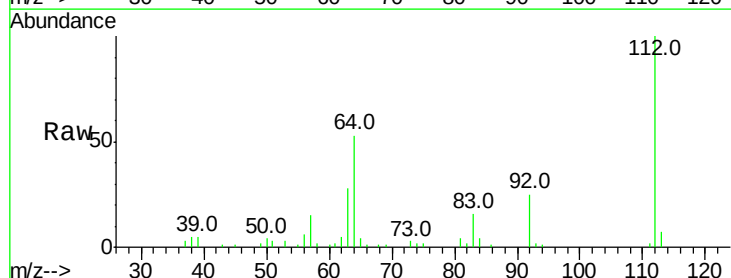
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



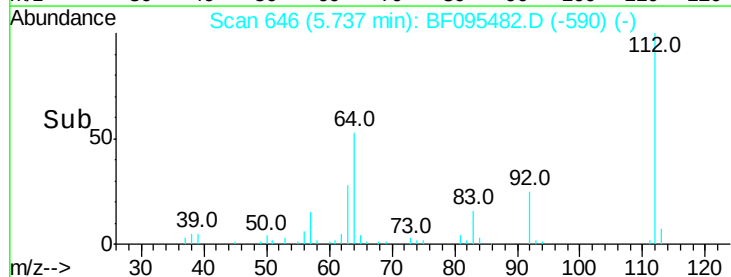
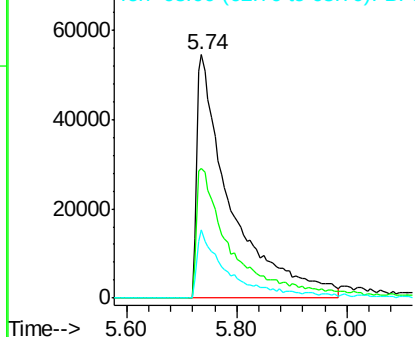
#5

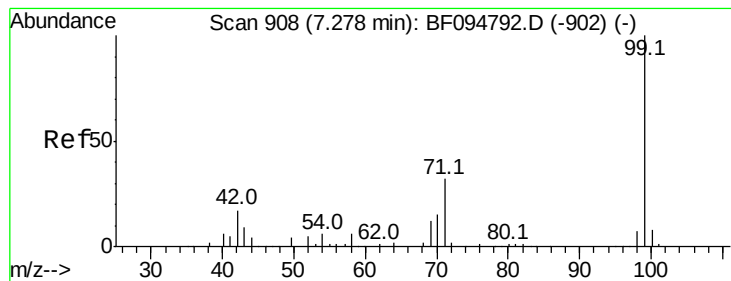
2-Fluorophenol
Concen: 43.90 ng
RT: 5.74 min Scan# 646
Delta R.T. 0.03 min
Lab File: BF095482.D
Acq: 27 May 2017 3:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.1	46.0	69.0
63	28.3	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: 25.95 ng

RT: 7.33 min Scan# 917

Delta R.T. 0.04 min

Lab File: BF095482.D

Acq: 27 May 2017 3:54

Instrument :

BNA_F

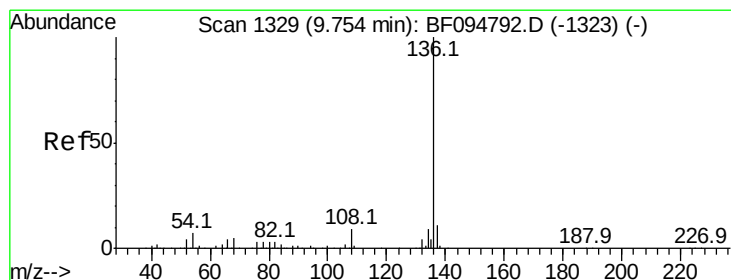
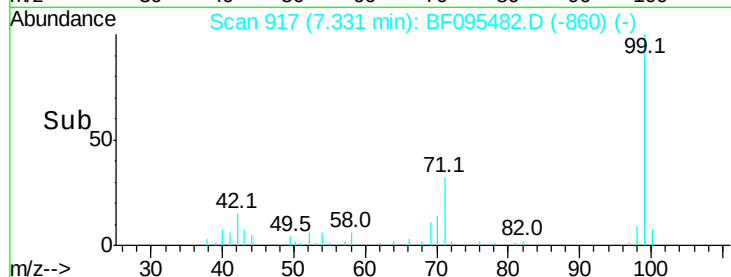
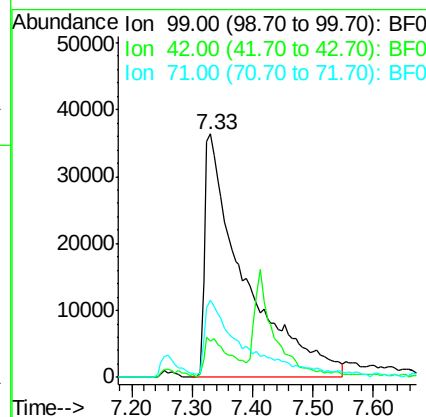
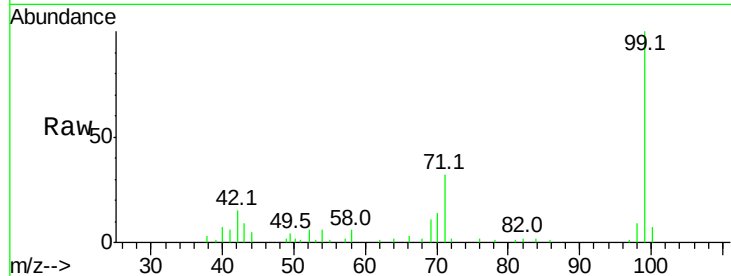
ClientSampled :

WS-3

Tot Ion:	99	Resp:	165430
Ion Ratio	Lower	Upper	
99	100		
42	14.8	13.5	20.3
71	31.8	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

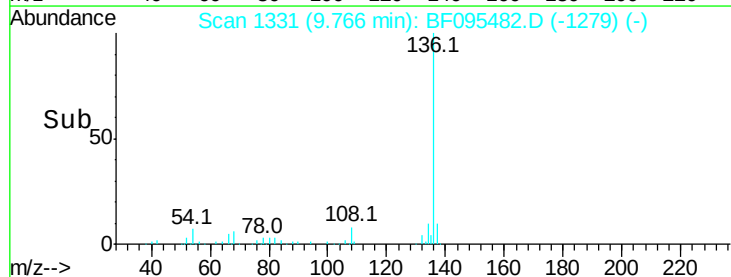
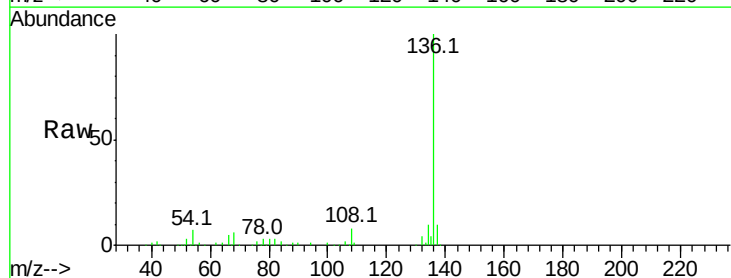
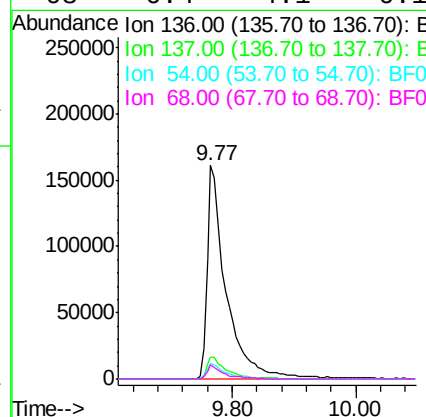
RT: 9.77 min Scan# 1331

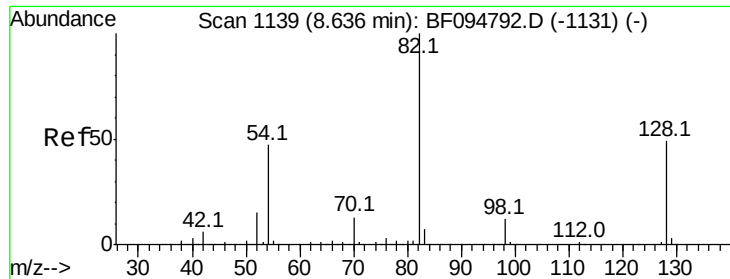
Delta R.T. 0.01 min

Lab File: BF095482.D

Acq: 27 May 2017 3:54

Tgt Ion:	136	Resp:	344786
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.5	12.7
54	7.1	4.9	7.3
68	6.4	4.1	6.1#





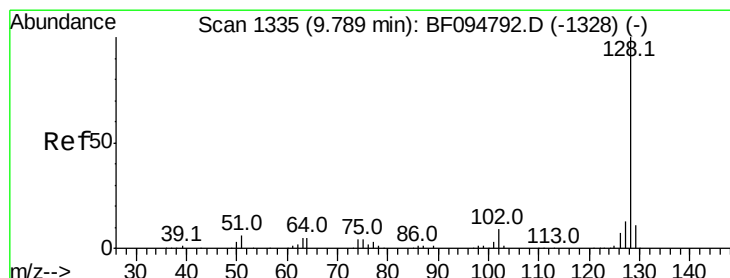
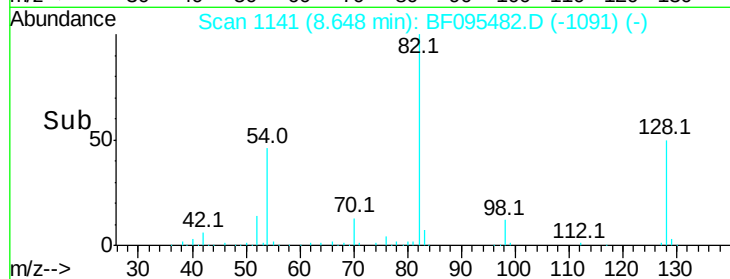
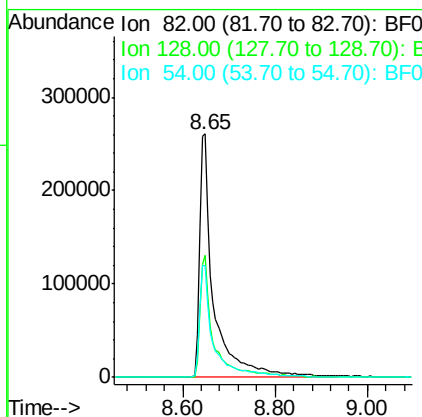
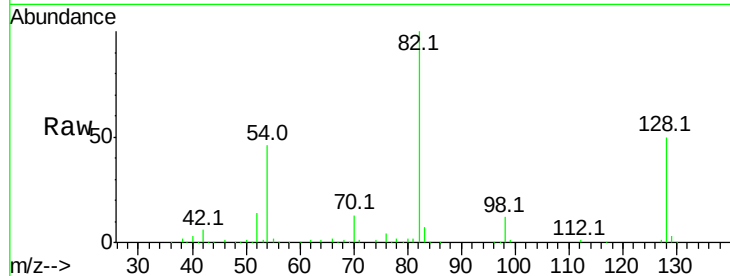
#23
 Nitrobenzene-d5
 Concen: 104.74 ng
 RT: 8.65 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF095482.D
 Acq: 27 May 2017 3:54

Instrument :
 BNA_F
 ClientSampled :
 WS-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.9	34.0	51.0
54	46.1	42.2	63.2

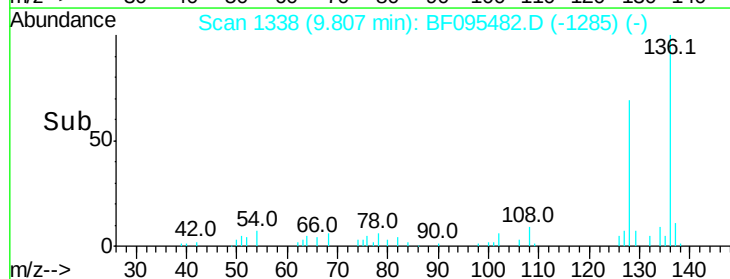
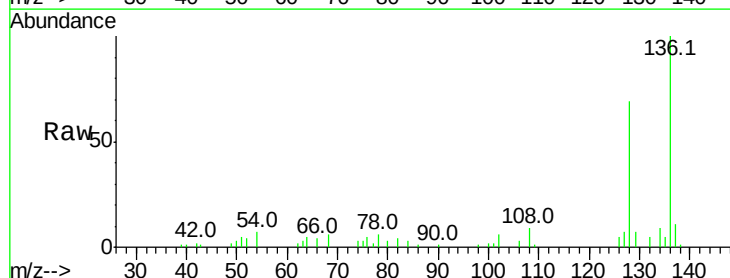
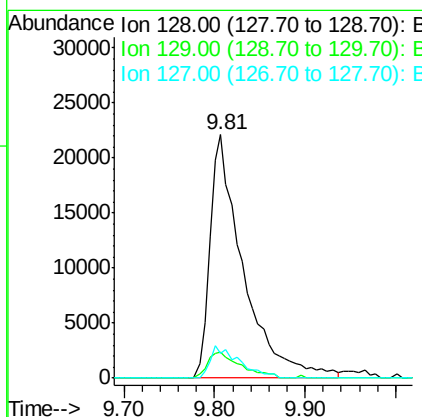
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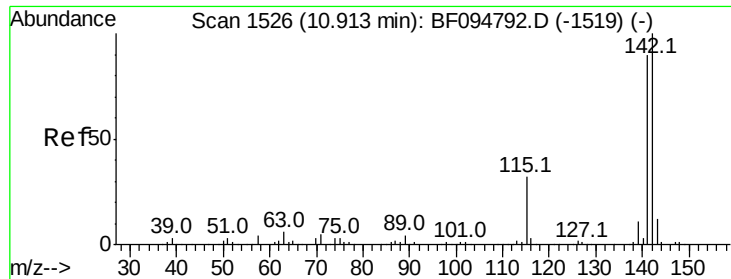
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#31
 Naphthalene
 Concen: 3.24 ng
 RT: 9.81 min Scan# 1338
 Delta R.T. 0.01 min
 Lab File: BF095482.D
 Acq: 27 May 2017 3:54

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	10.1	10.8	16.2#





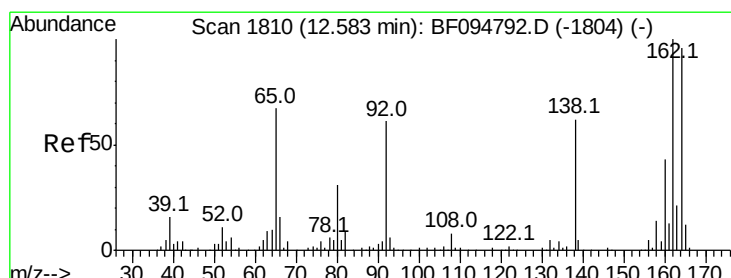
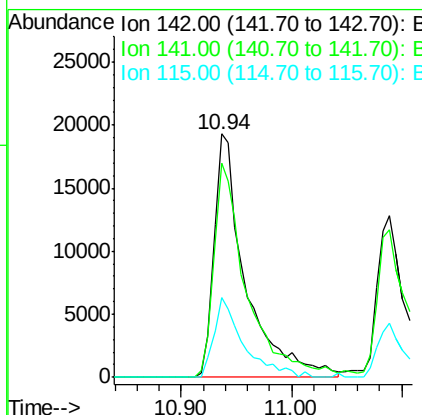
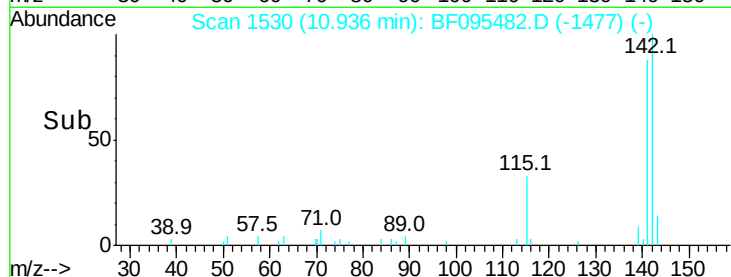
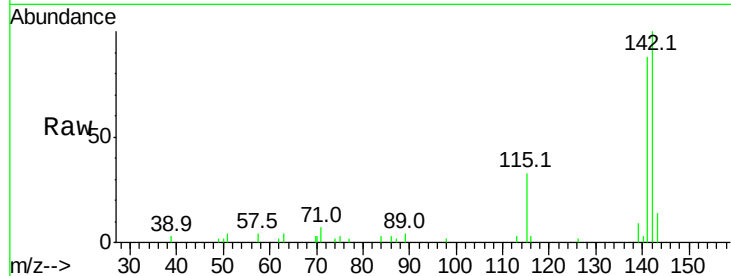
#37
2-Methylnaphthalene
Concen: 3.34 ng
RT: 10.94 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BF095482.D
Acq: 27 May 2017 3:54

Instrument :
BNA_F
ClientSampled :
WS-3

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.3	106.9
115	32.6	27.1	40.7

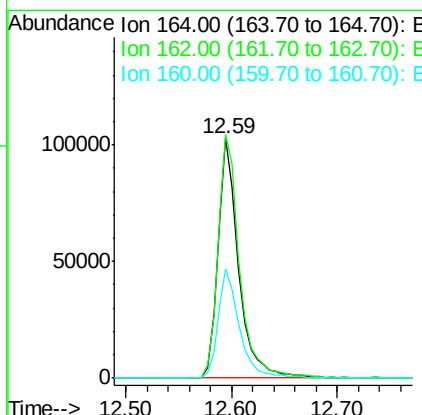
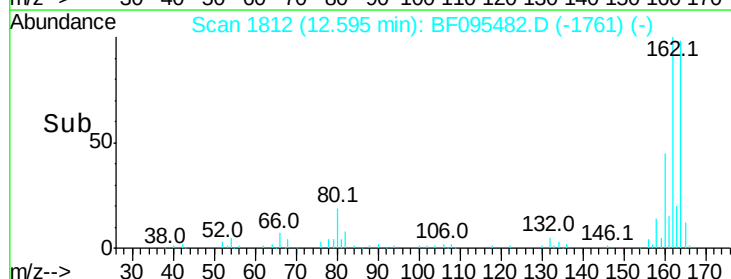
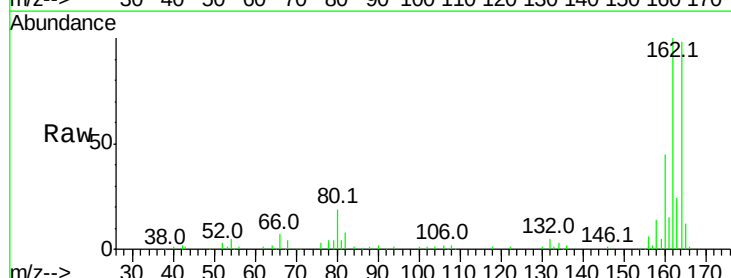
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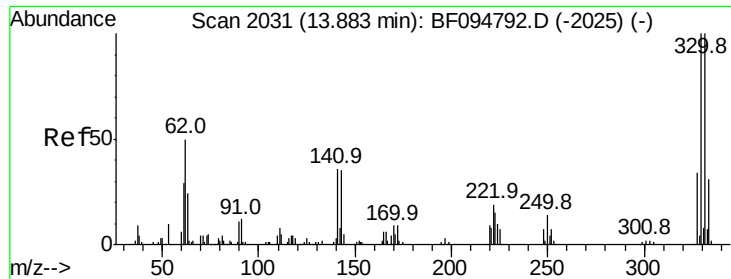
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BF095482.D
Acq: 27 May 2017 3:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	45.7	36.2	54.2





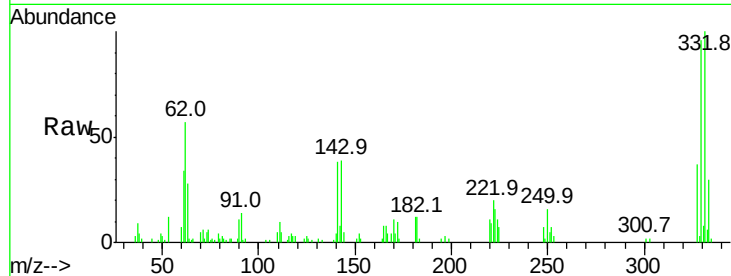
#41
 2,4,6-Tribromophenol
 Concen: 66.36 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF095482.D
 Acq: 27 May 2017 3:54

Instrument :
 BNA_F
 ClientSampled :
 WS-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	115.0
141	37.4	31.4	47.2

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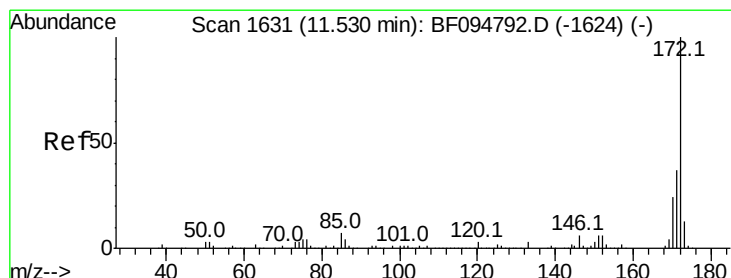
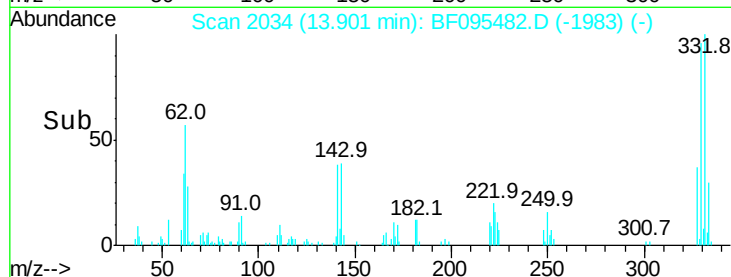
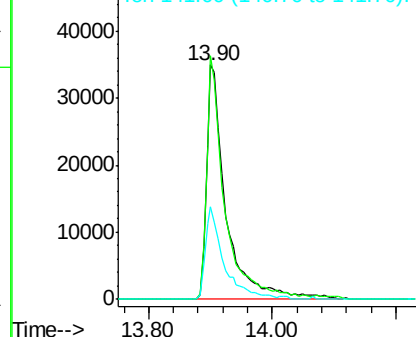


Abundance

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: 115.96 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BF095482.D
 Acq: 27 May 2017 3:54

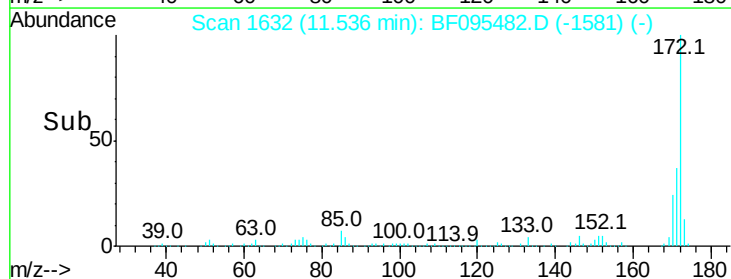
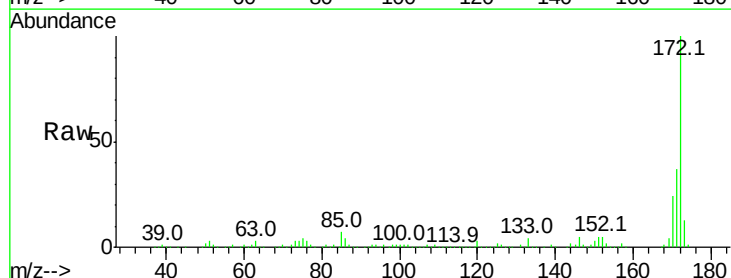
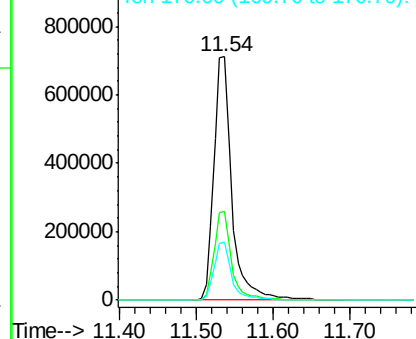
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.7	19.8	29.8

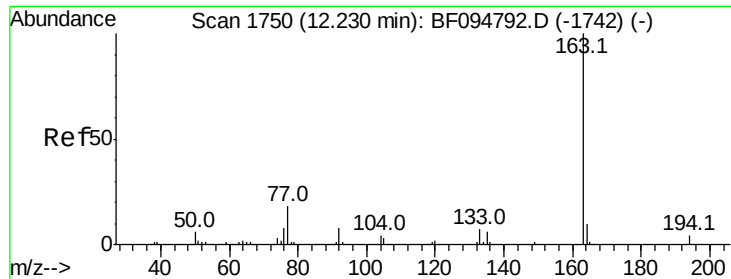
Abundance

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





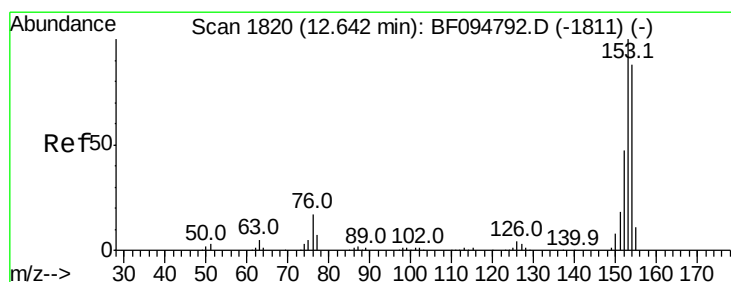
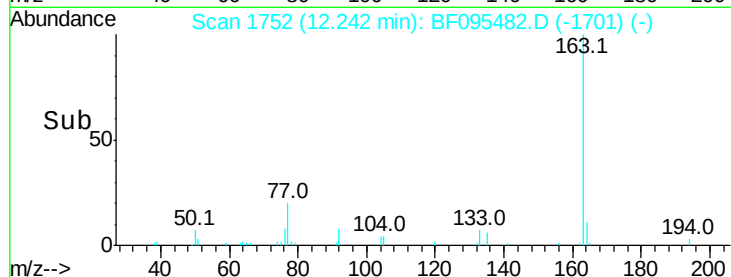
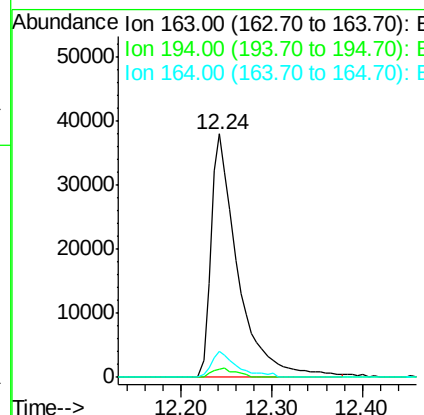
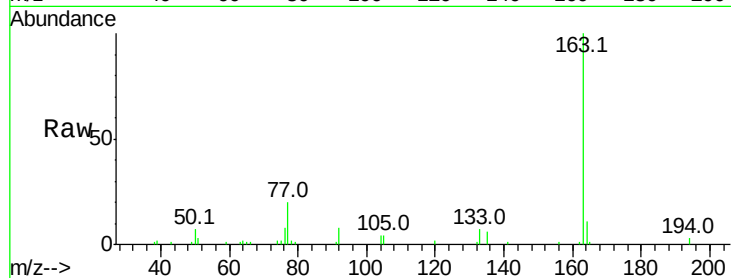
#49
Dimethylphthalate
Concen: 6.76 ng
RT: 12.24 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BF095482.D
Acq: 27 May 2017 3:54

Instrument :
BNA_F
ClientSampleId :
WS-3

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.6	8.4	12.6

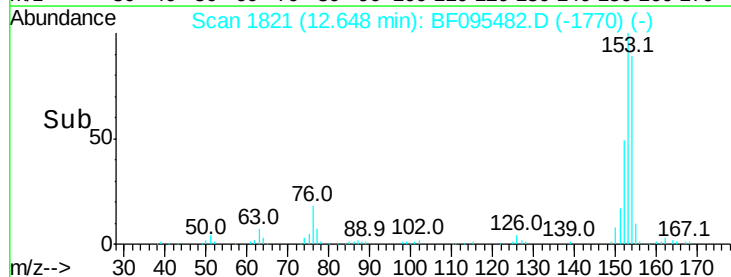
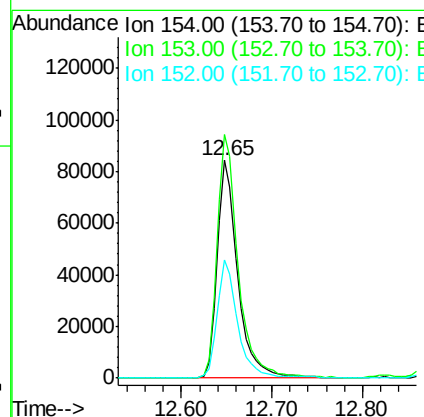
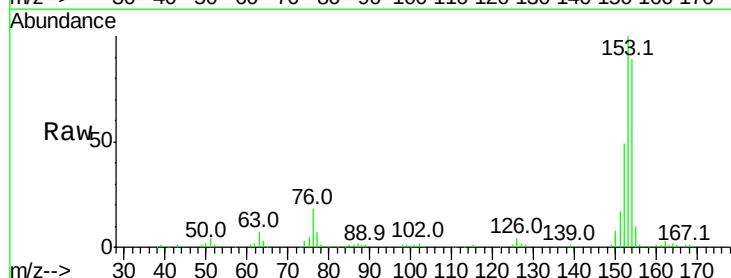
Manual Integrations
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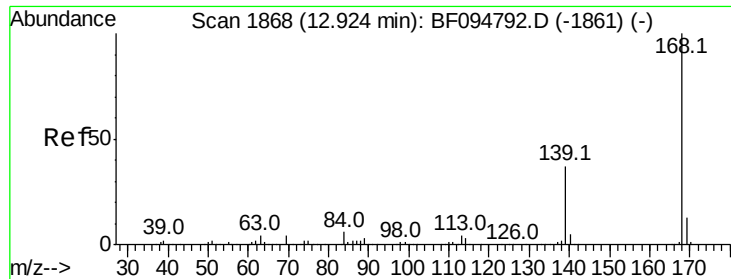
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#51
Acenaphthene
Concen: 14.73 ng
RT: 12.65 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BF095482.D
Acq: 27 May 2017 3:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.8	90.5	135.7
152	54.4	43.6	65.4





#54

Dibenzenofuran

Concen: 6.64 ng

RT: 12.95 min Scan# 1873

Delta R.T. 0.02 min

Lab File: BF095482.D

Acq: 27 May 2017 3:54

Instrument :

BNA_F

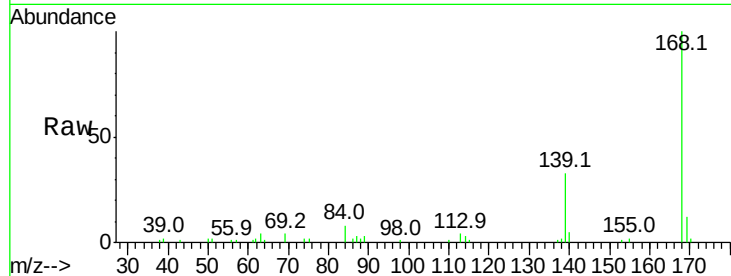
ClientSampled :

WS-3

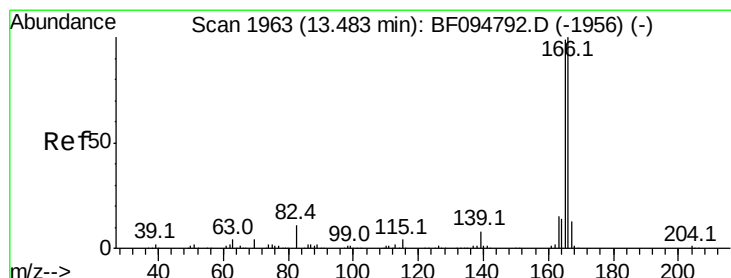
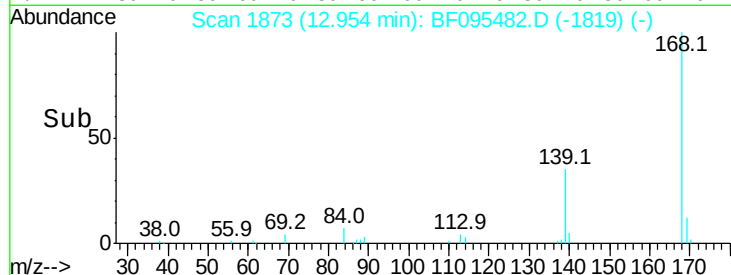
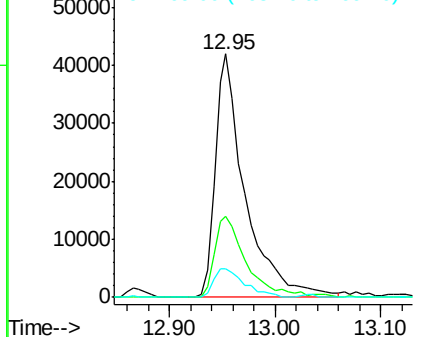
Tot Ion:	168	Resp:	82763
Ion Ratio	Lower	Upper	
168	100		
139	33.1	30.6	45.8
169	11.6	10.8	16.2

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 7.43 ng

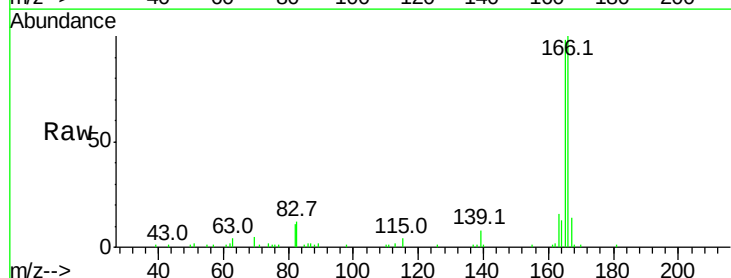
RT: 13.49 min Scan# 1965

Delta R.T. -0.00 min

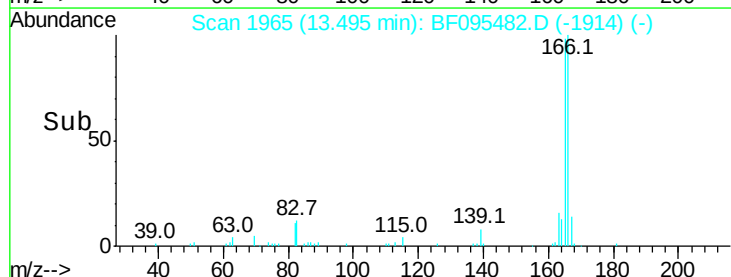
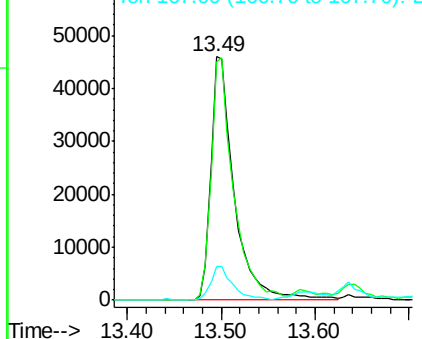
Lab File: BF095482.D

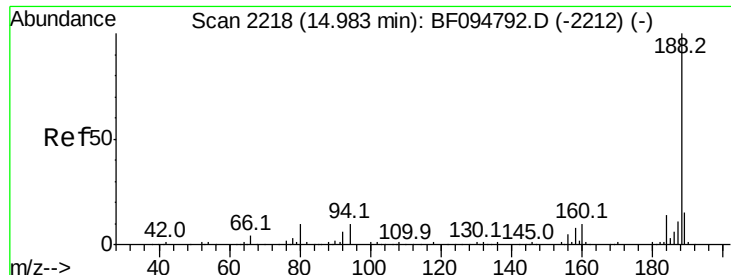
Acq: 27 May 2017 3:54

Tgt Ion:	166	Resp:	80548
Ion Ratio	Lower	Upper	
166	100		
165	97.8	78.8	118.2
167	14.0	10.6	16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





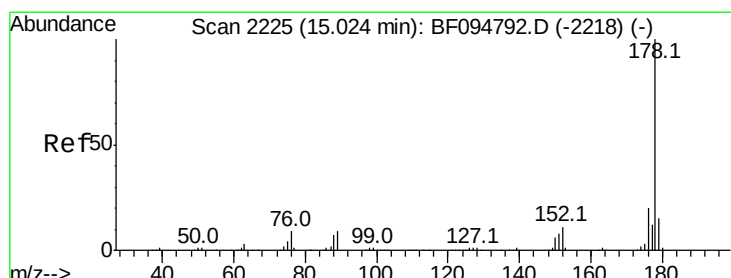
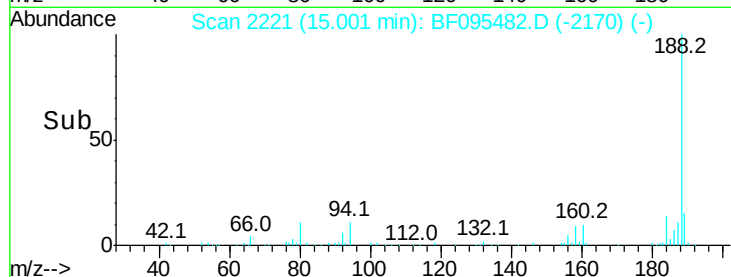
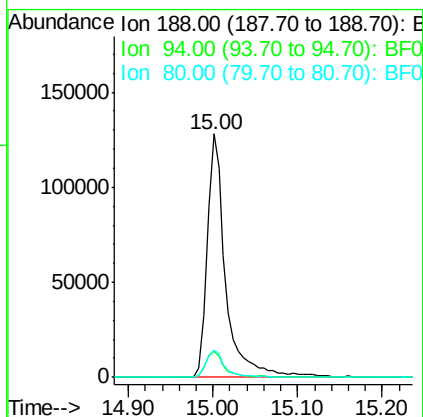
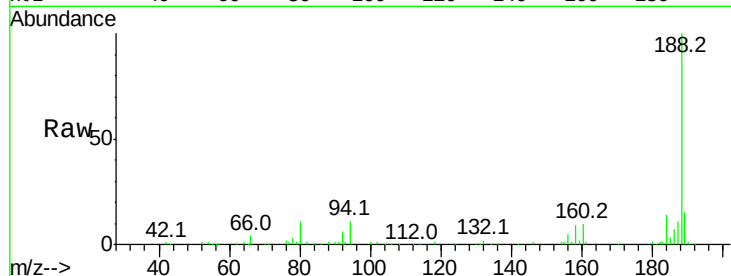
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.00 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BF095482.D
 Acq: 27 May 2017 3:54

Instrument :
 BNA_F
 ClientSampleId :
 WS-3

Tot Ion	Ratio	Resp	Lower	Upper
188	100	196434		
94	10.8		9.4	14.2
80	11.4		10.2	15.2

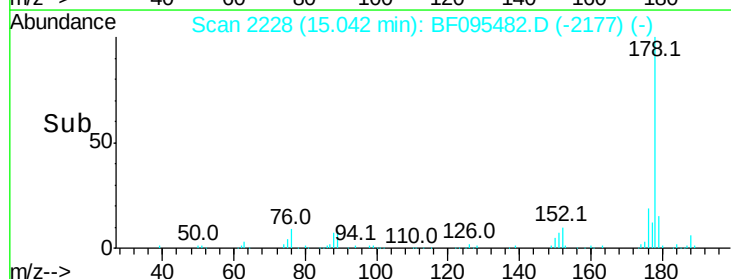
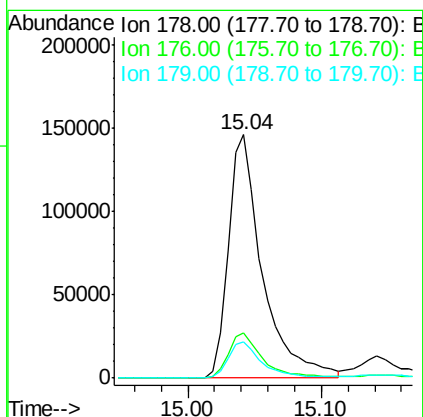
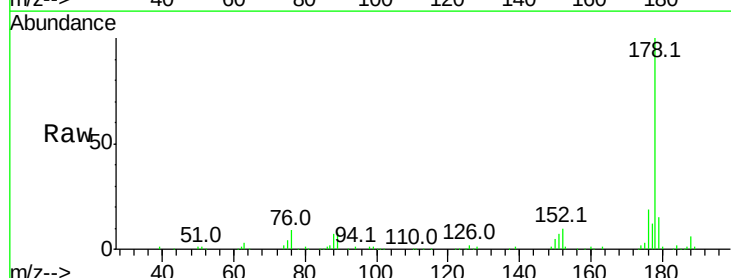
Manual Integrations
 APPROVED

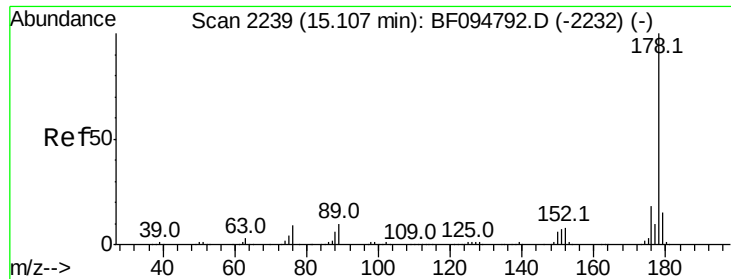
mohammad
 5/30/2017 1:37:09 PM



#70
 Phenanthrene
 Concen: 22.94 ng
 RT: 15.04 min Scan# 2228
 Delta R.T. -0.00 min
 Lab File: BF095482.D
 Acq: 27 May 2017 3:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	258943		
176	18.7		16.2	24.4
179	14.9		12.6	19.0





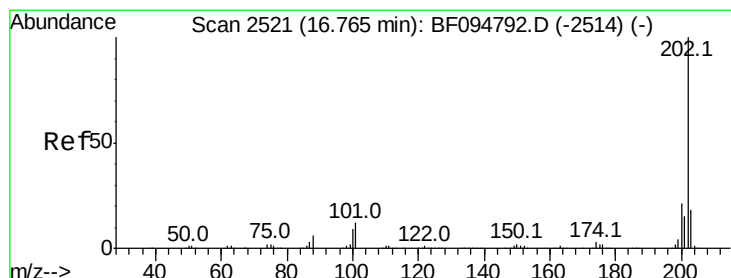
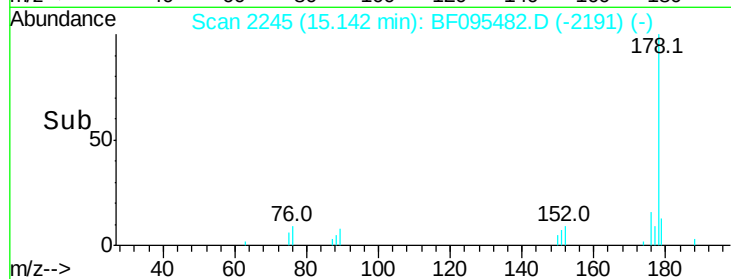
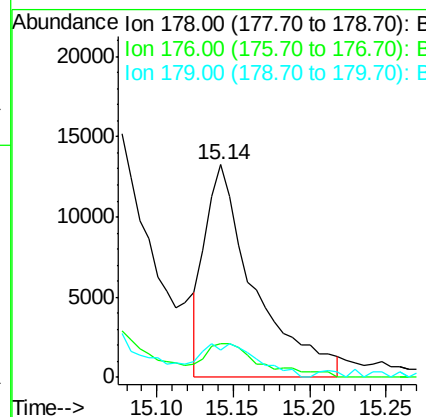
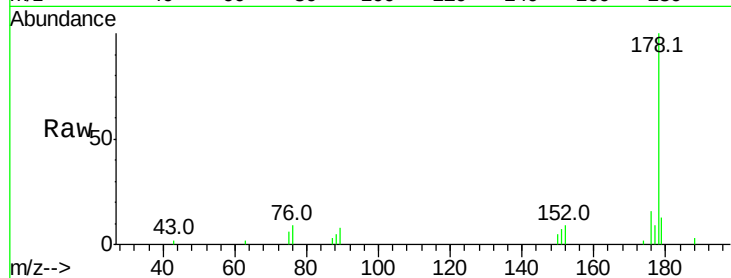
#71
 Anthracene
 Concen: 2.59 ng/mL
 RT: 15.14 min Scan# 2245
 Delta R.T. 0.02 min
 Lab File: BF095482.D
 Acq: 27 May 2017 3:54

Instrument :
 BNA_F
 ClientSampled :
 WS-3

Tot Ion	Ratio	Lower	Upper
178	100		
176	15.6	15.8	23.8#
179	12.8	12.7	19.1

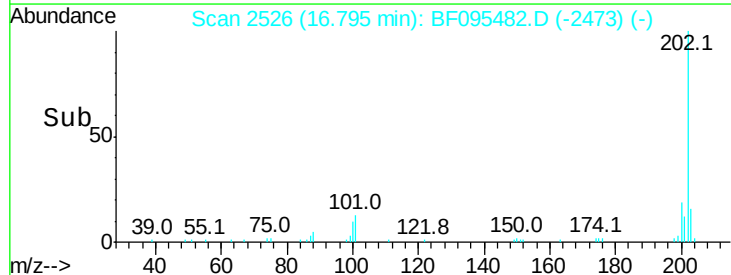
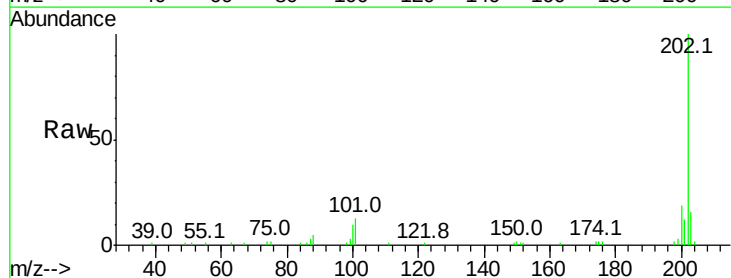
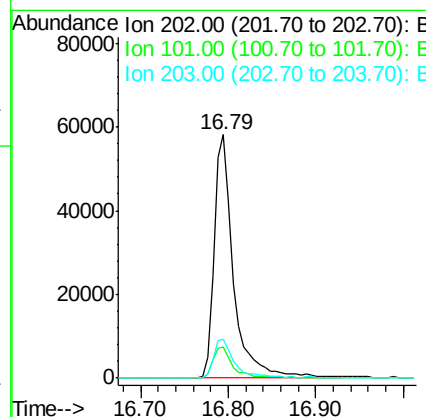
Manual Integrations
 APPROVED

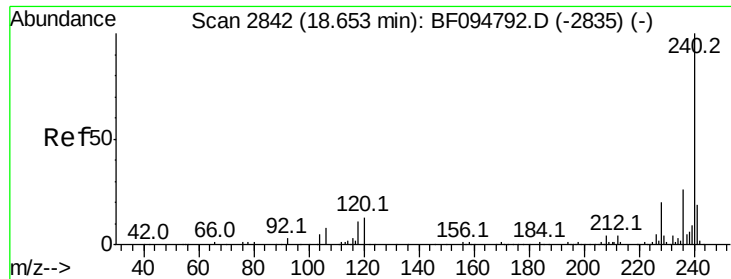
mohammad
 5/30/2017 1:37:09 PM



#74
 Fluoranthene
 Concen: 7.73 ng/mL
 RT: 16.79 min Scan# 2526
 Delta R.T. 0.01 min
 Lab File: BF095482.D
 Acq: 27 May 2017 3:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	16.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2847

Delta R.T. 0.01 min

Lab File: BF095482.D

Acq: 27 May 2017 3:54

Instrument :

BNA_F

ClientSampleId :

WS-3

Tot Ion:240 Resp: 169132

Ion Ratio Lower Upper

240 100

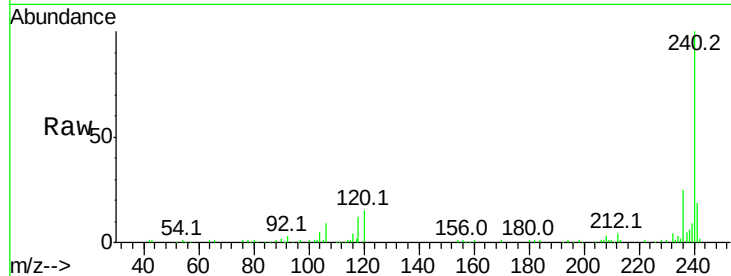
120 14.8 5.8 8.8#

236 24.5 20.5 30.7

Manual Integrations
APPROVED

mohammad

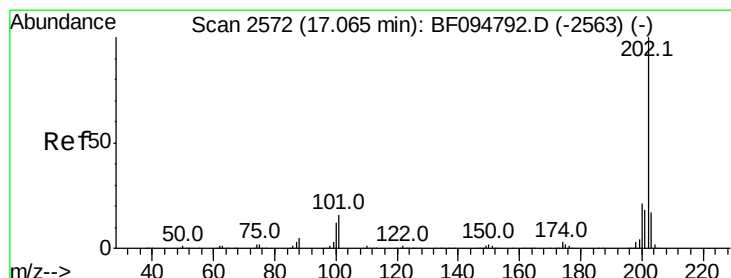
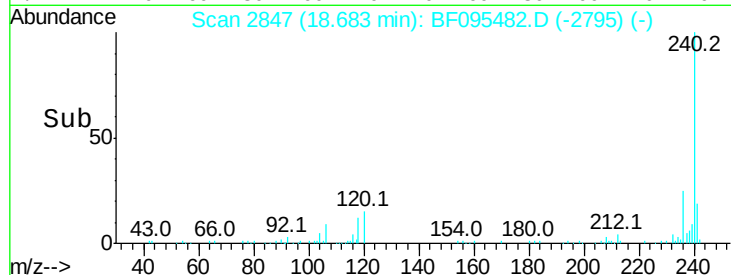
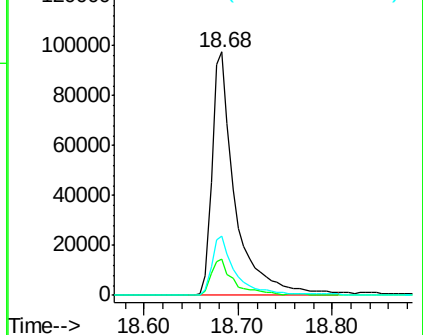
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.23 ng

RT: 17.09 min Scan# 2577

Delta R.T. 0.01 min

Lab File: BF095482.D

Acq: 27 May 2017 3:54

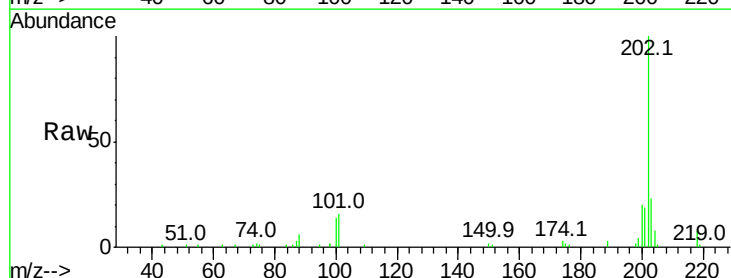
Tgt Ion:202 Resp: 53533

Ion Ratio Lower Upper

202 100

200 20.0 17.6 26.4

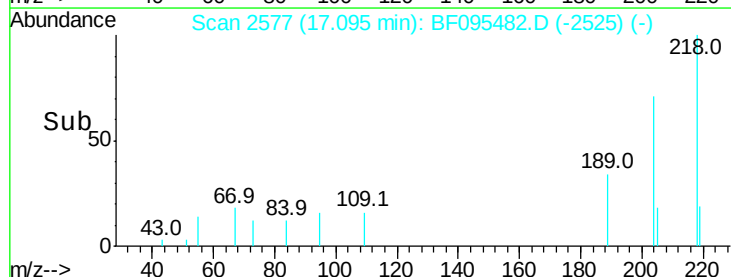
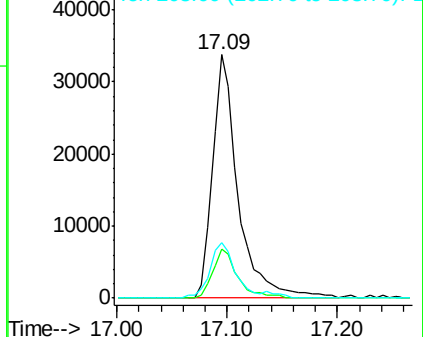
203 22.8 14.4 21.6#

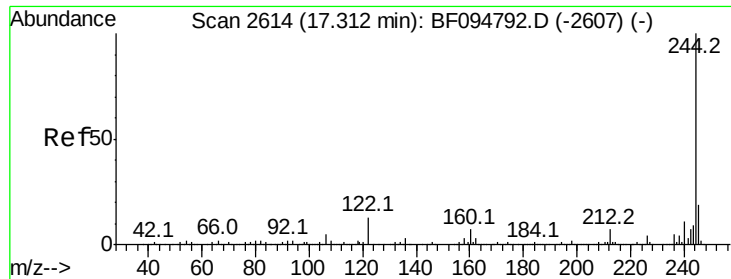


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 82.24 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF095482.D

Acq: 27 May 2017 3:54

Instrument :

BNA_F

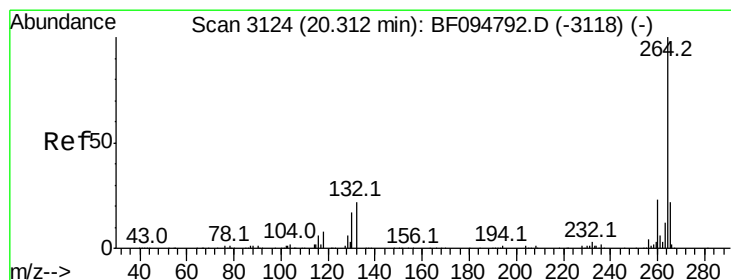
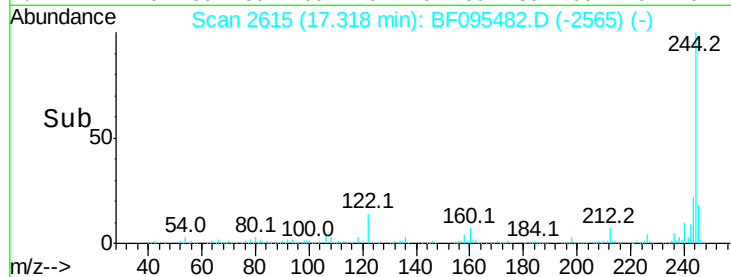
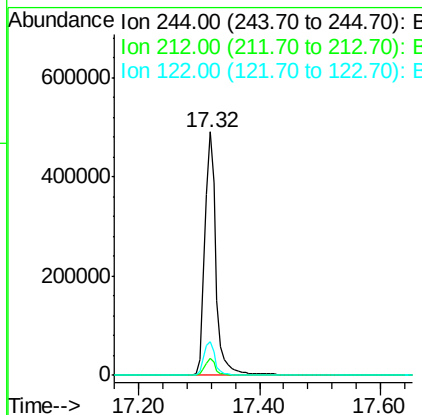
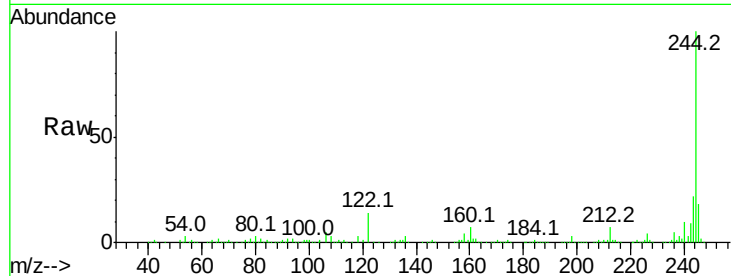
ClientSampleId :

WS-3

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.1	6.0	9.0	
122	14.0	10.3	15.5	

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

RT: 20.36 min Scan# 3132

Delta R.T. 0.01 min

Lab File: BF095482.D

Acq: 27 May 2017 3:54

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	21.7	19.5	29.3	
265	21.2	17.2	25.8	

