

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
 Data File : BF095567.D
 Acq On : 31 May 2017 16:55
 Operator : SJ/MA
 Sample : I3329-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-14(6-9)

Manual Integrations
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mohammad
 6/1/2017 2:19:56 PM

Quant Time: Jun 01 05:00:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 04:09:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	104898	20.00	ng	0.00
21) Naphthalene-d8	9.58	136	457275	20.00	ng	0.00
38) Acenaphthene-d10	12.41	164	196069	20.00	ng	0.00
63) Phenanthrene-d10	14.81	188	381183	20.00	ng	0.00
75) Chrysene-d12	18.51	240	264293	20.00	ng	0.00
86) Perylene-d12	20.18	264	209959	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	960342	152.63	ng	0.00
7) Phenol-d6	7.11	99	1185984	157.10	ng	0.00
23) Nitrobenzene-d5	8.47	82	713040	98.33	ng	0.00
41) 2,4,6-Tribromophenol	13.71	330	266385	165.90	ng	0.00
44) 2-Fluorobiphenyl	11.36	172	1341624	98.49	ng	0.00
78) Terphenyl-d14	17.16	244	1090977	90.92	ng	0.00
Target Compounds						
49) Dimethylphthalate	12.05	163	293934	18.26	ng	Qvalue 99
70) Phenanthrene	14.85	178	101634	4.64	ng	95
74) Fluoranthene	16.61	202	144686	6.44	ng	100
77) Pyrene	16.91	202	132722	6.71	ng	# 95
80) Benzo(a)anthracene	18.49	228	46203	3.00	ng	96
82) Chrysene	18.54	228	45817	3.08	ng	98
87) Benzo(b)fluoranthene	19.78	252	44406	3.42	ng	# 95
89) Benzo(a)pyrene	20.13	252	32967	2.75	ng	94

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

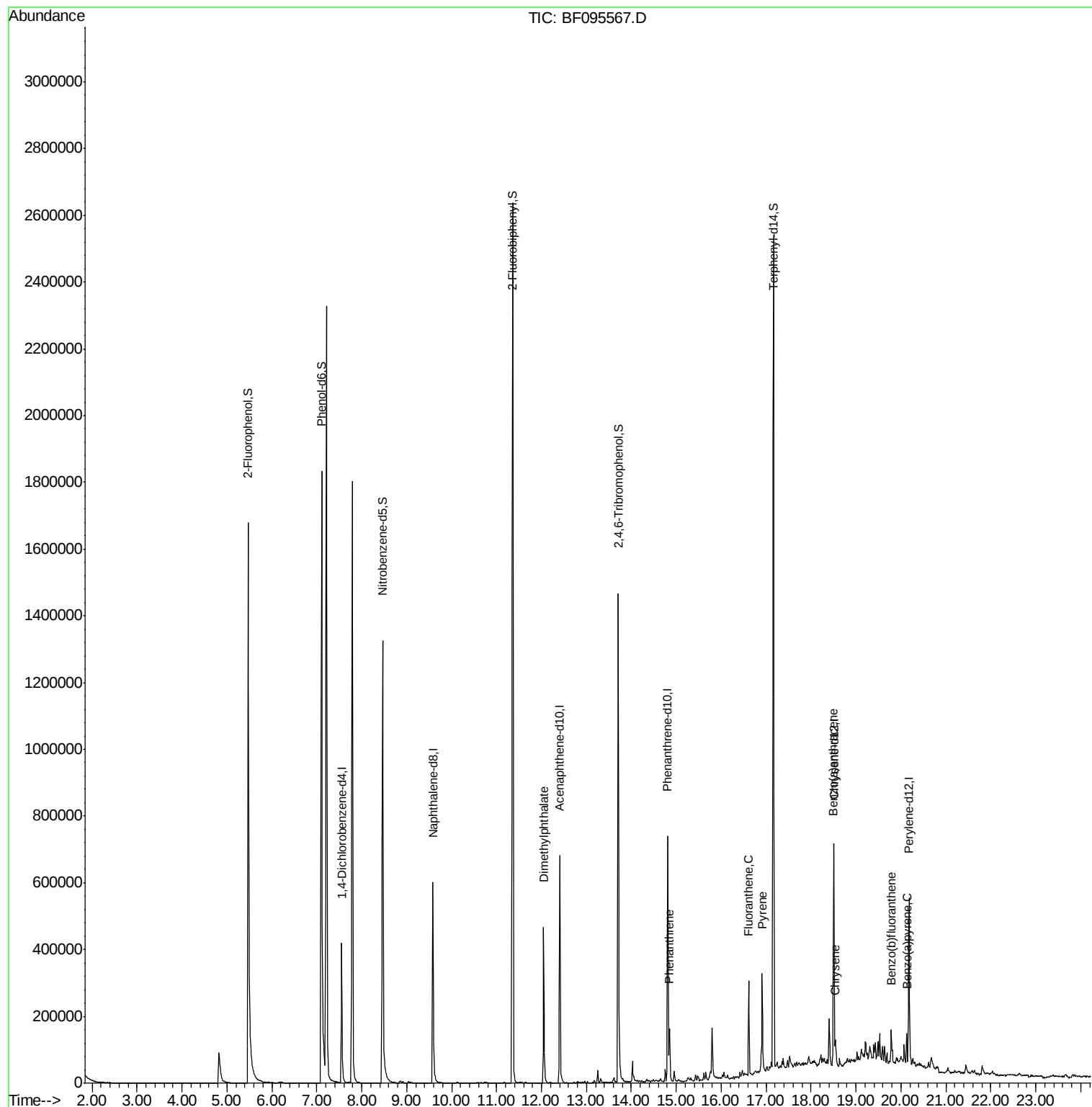
Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

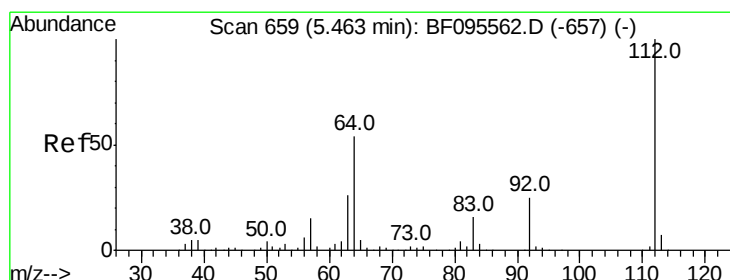
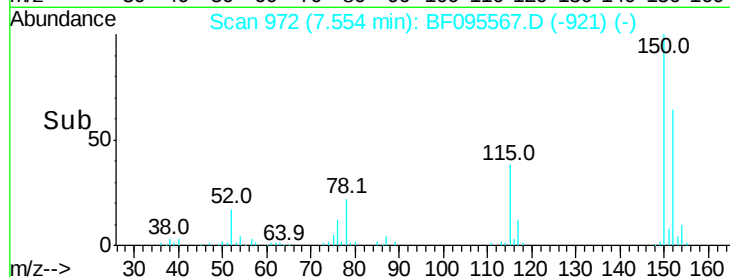
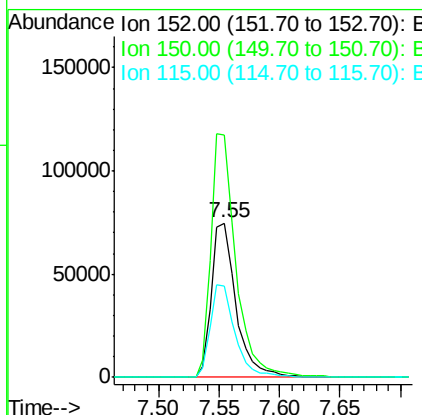
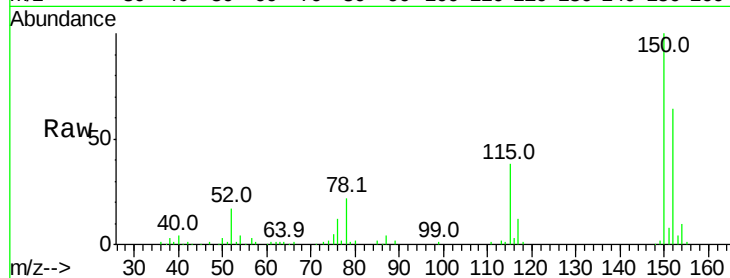
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Instrument :
BNA_F
ClientSampleId :
B-14(6-9)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	58.9	52.2	78.2

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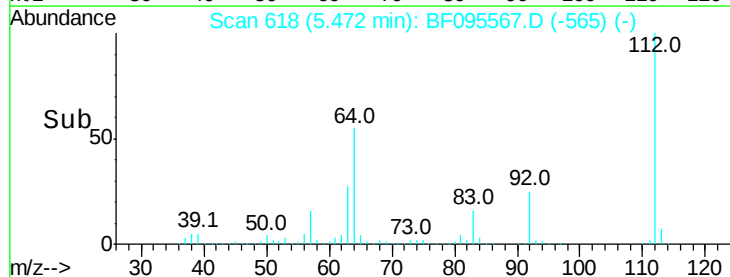
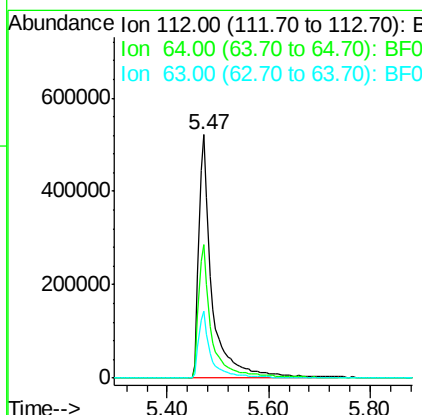
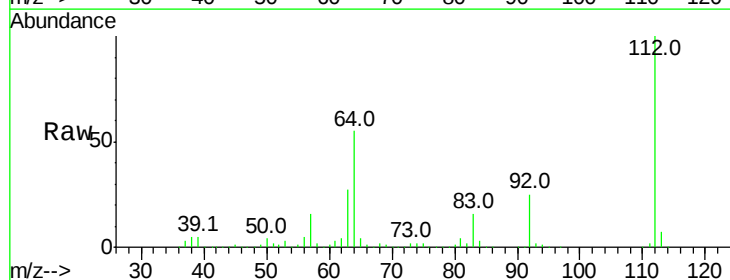
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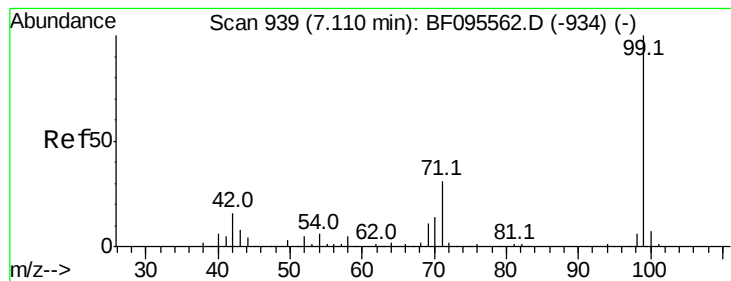


#5

2-Fluorophenol
Concen: 152.63 ng
RT: 5.47 min Scan# 618
Delta R.T. 0.01 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.0	69.0
63	27.4	23.4	35.0





#7

Phenol-d6

Concen: 157.10 ng

RT: 7.11 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF095567.D

Acq: 31 May 2017 16:55

Instrument :

BNA_F

ClientSampleId :

B-14(6-9)

Tot Ion: 99 Resp: 1185984

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

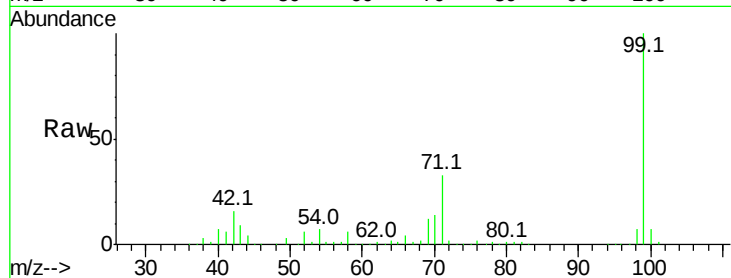
71 32.6 24.5 36.7

Manual Integrations

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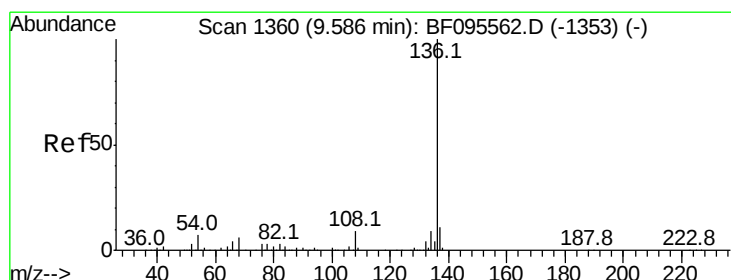
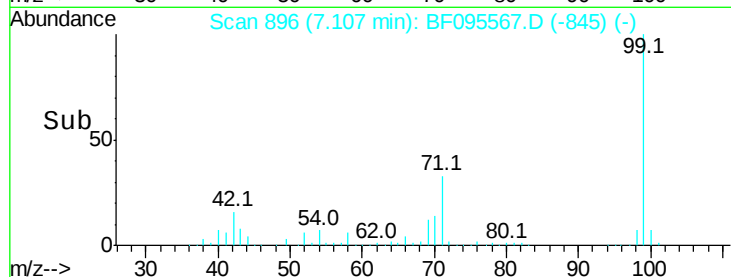
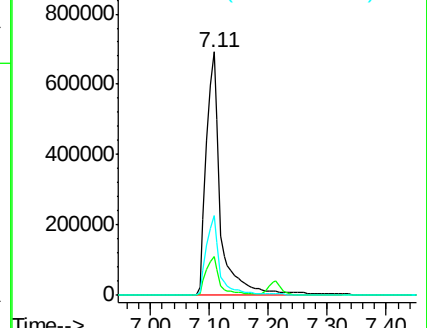
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.58 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF095567.D

Acq: 31 May 2017 16:55

Tgt Ion: 136 Resp: 457275

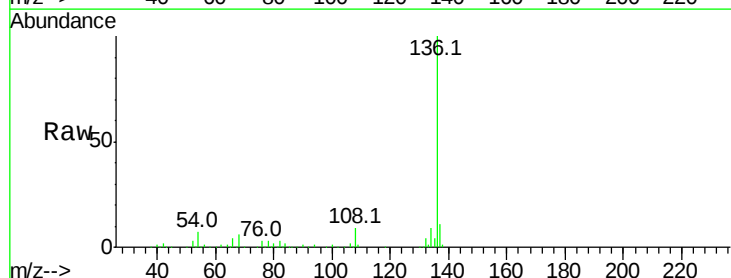
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.5 4.9 7.3

68 5.7 4.1 6.1

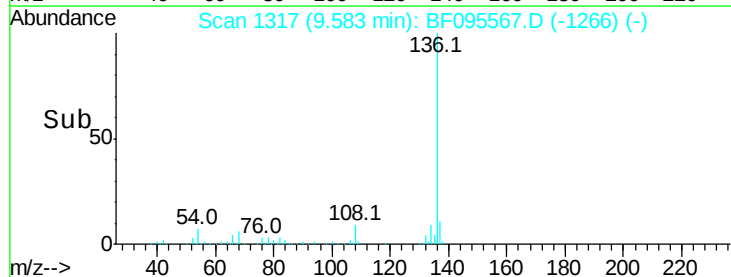
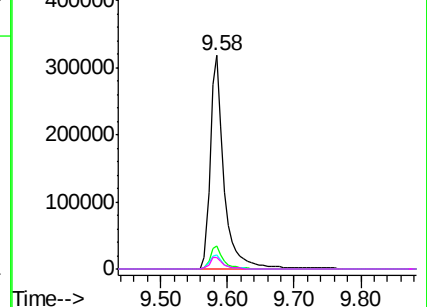


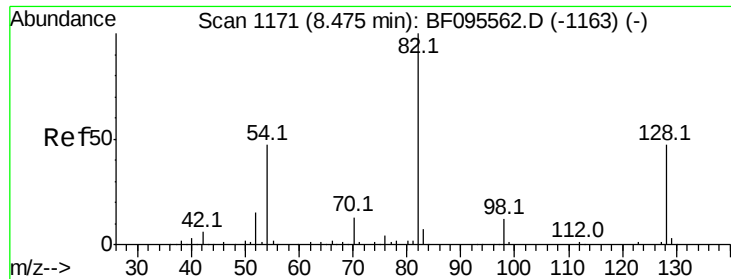
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





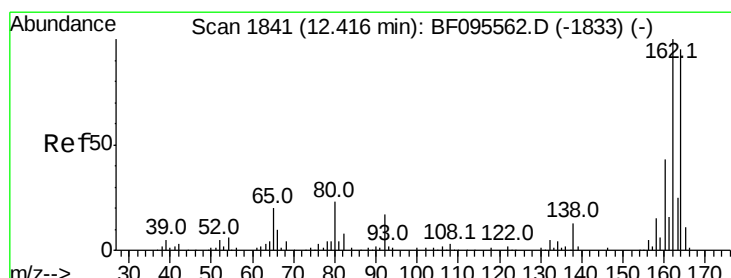
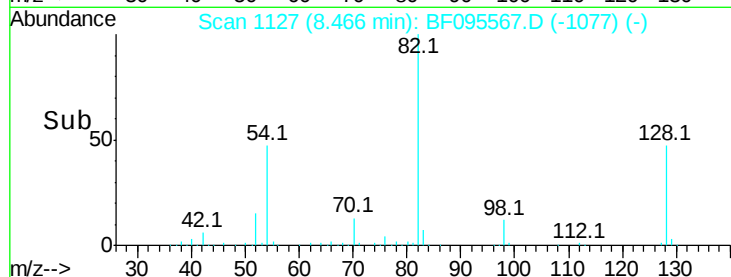
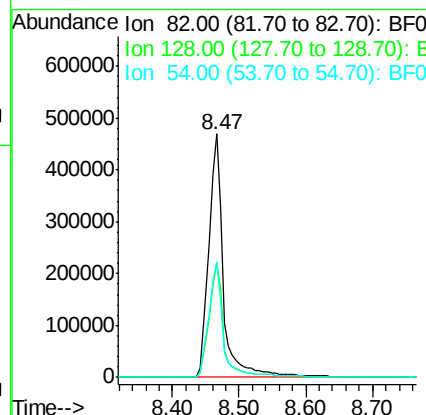
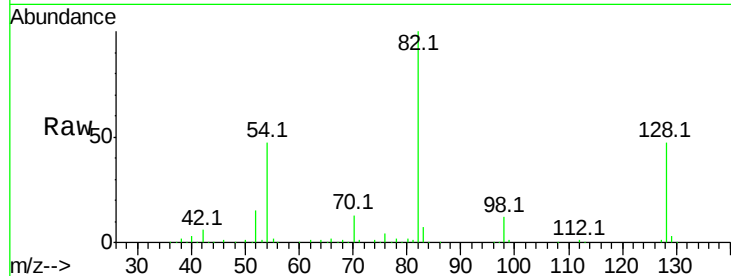
#23
 Nitrobenzene-d5
 Concen: 98.33 ng
 RT: 8.47 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF095567.D
 Acq: 31 May 2017 16:55

Instrument :
 BNA_F
 ClientSampleId :
 B-14(6-9)

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.0	51.0
54	47.4	42.2	63.2

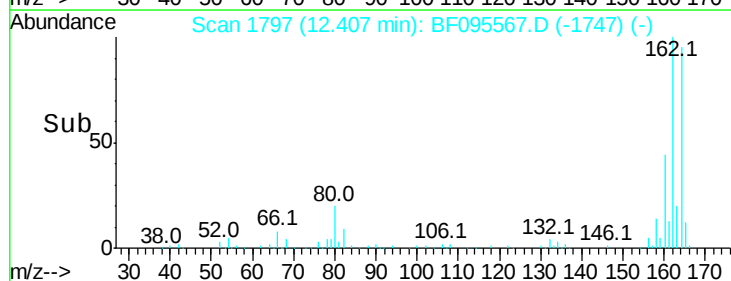
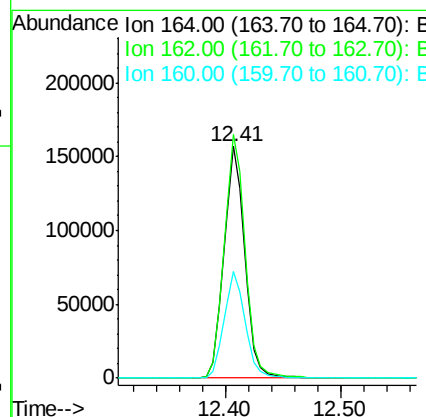
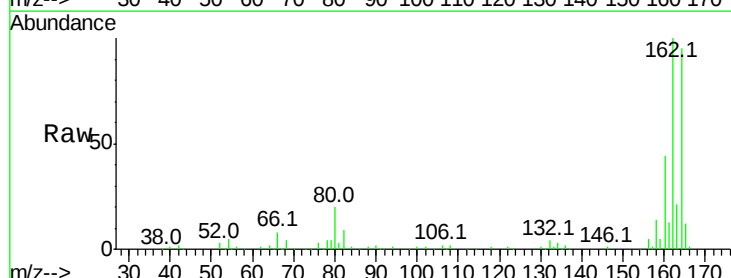
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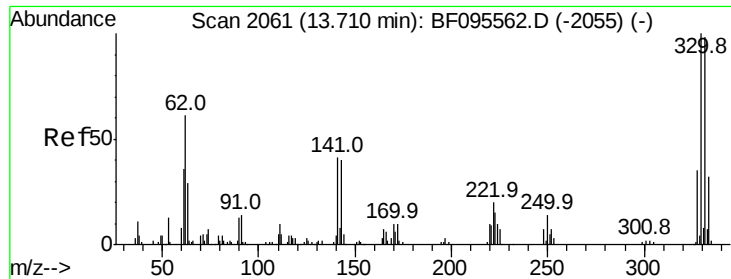
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.41 min Scan# 1797
 Delta R.T. -0.01 min
 Lab File: BF095567.D
 Acq: 31 May 2017 16:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.6	123.8
160	45.9	36.2	54.2





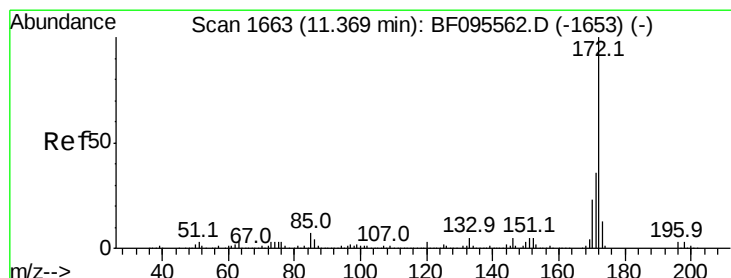
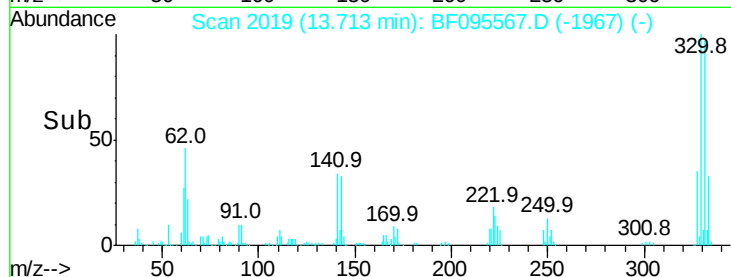
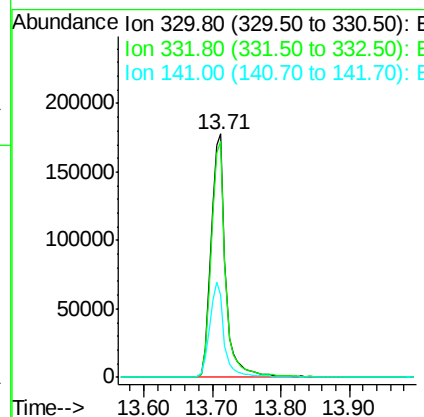
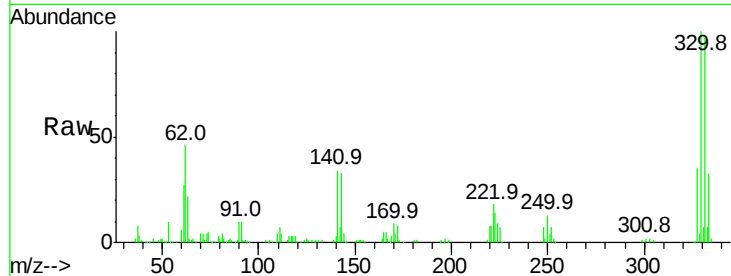
#41
 2,4,6-Tribromophenol
 Concen: 165.90 ng
 RT: 13.71 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF095567.D
 Acq: 31 May 2017 16:55

Instrument :
 BNA_F
 ClientSampleId :
 B-14(6-9)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	266385		
332	95.8	76.6	115.0	
141	38.9	31.4	47.2	

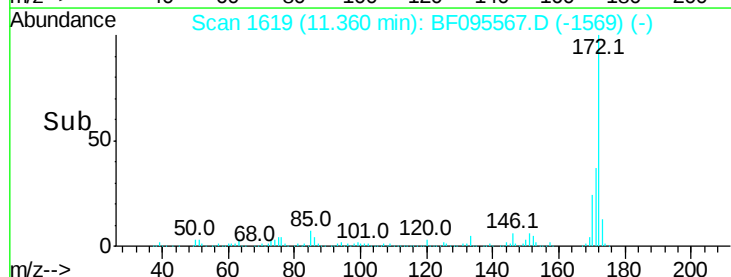
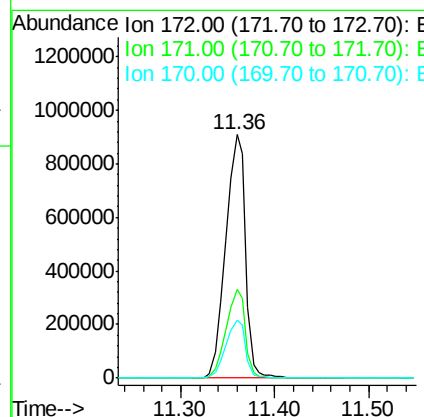
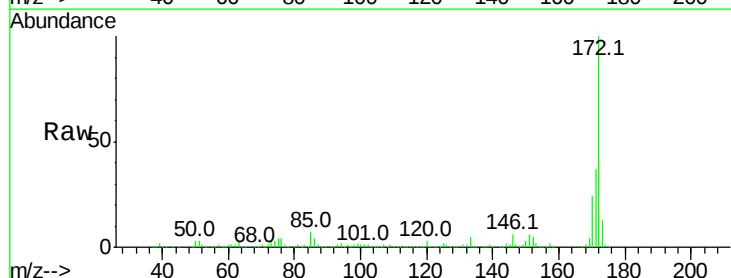
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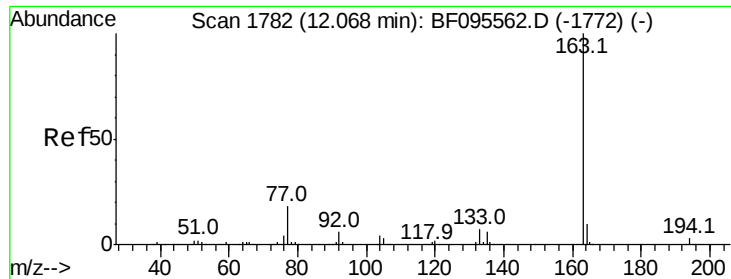
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#44
 2-Fluorobiphenyl
 Concen: 98.49 ng
 RT: 11.36 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF095567.D
 Acq: 31 May 2017 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1341624		
171	36.7	29.6	44.4	
170	23.9	19.8	29.8	





#49

Dimethylphthalate

Concen: 18.26 ng

RT: 12.05 min Scan# 1736

Delta R.T. -0.02 min

Lab File: BF095567.D

Acq: 31 May 2017 16:55

Instrument :

BNA_F

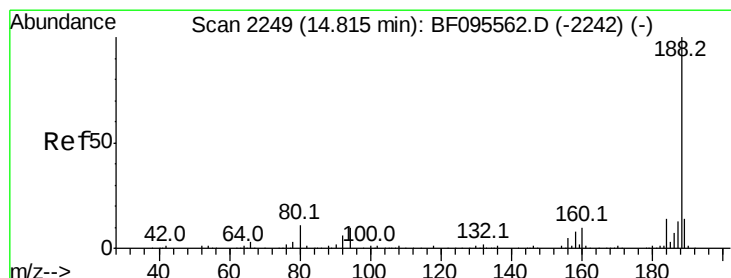
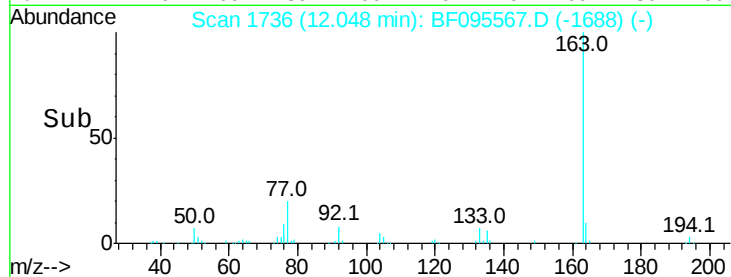
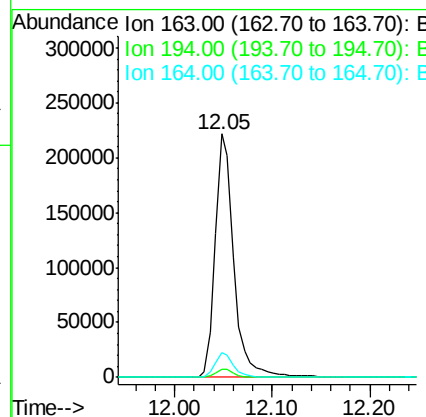
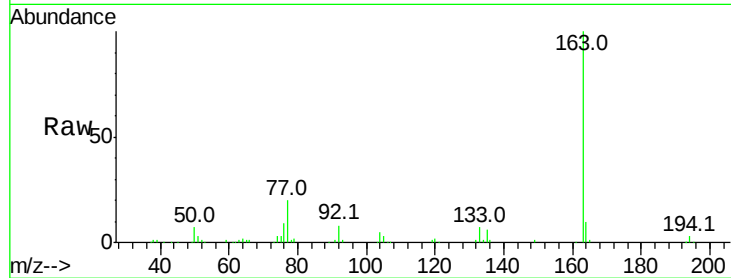
ClientSampled :

B-14(6-9)

Tot Ion:	163	Resp:	293934
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.6	4.0
164	9.9	8.4	12.6

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#63

Phenanthrene-d10

Concen: 20.00 ng

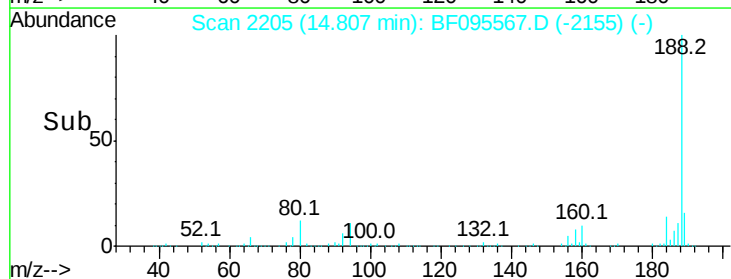
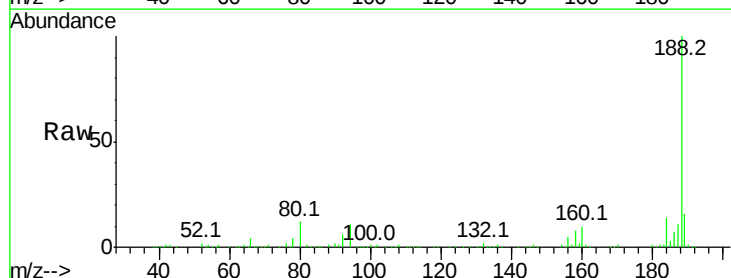
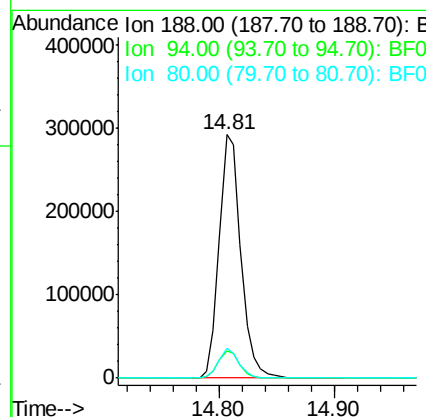
RT: 14.81 min Scan# 2205

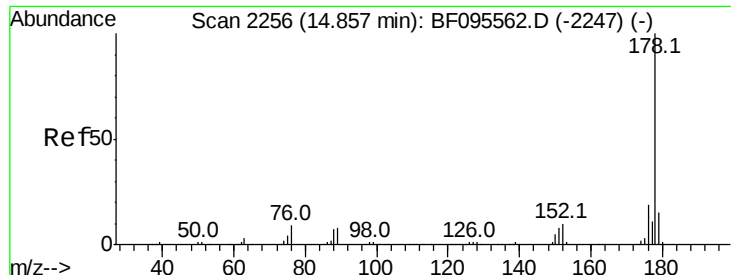
Delta R.T. -0.01 min

Lab File: BF095567.D

Acq: 31 May 2017 16:55

Tgt Ion:	188	Resp:	381183
Ion Ratio	Lower	Upper	
188	100		
94	11.2	9.4	14.2
80	12.2	10.2	15.2





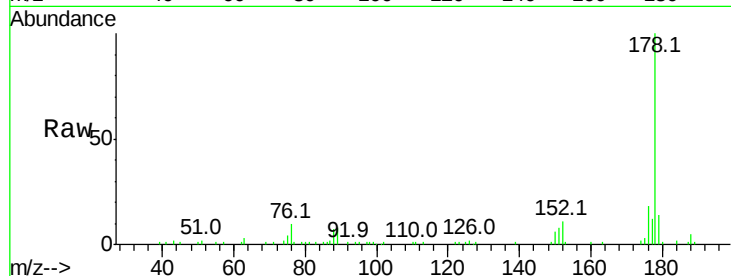
#70
Phenanthrene
Concen: 4.64 ng
RT: 14.85 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Instrument :
BNA_F
ClientSampleId :
B-14(6-9)

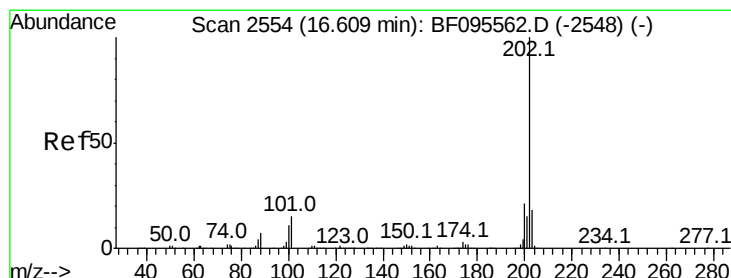
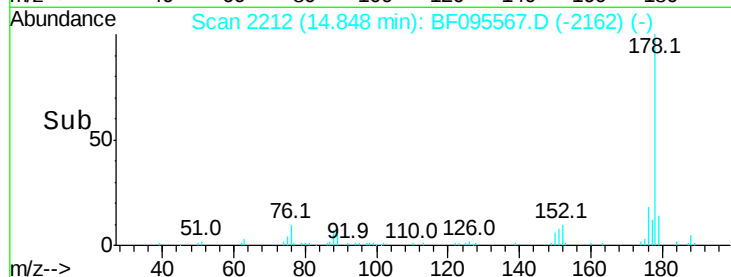
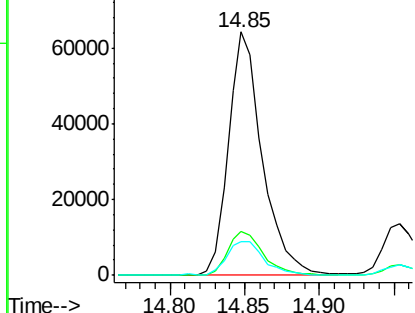
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.2	24.4
179	13.9	12.6	19.0

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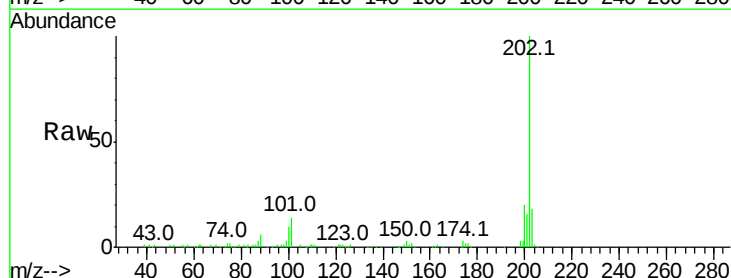


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

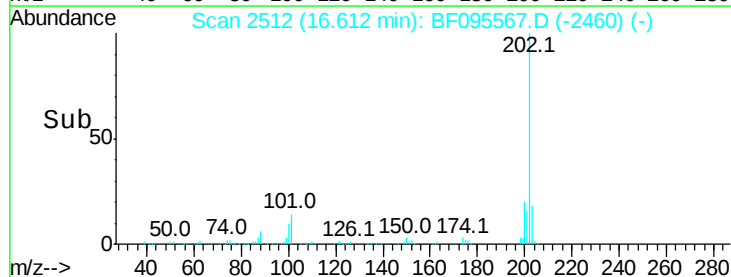
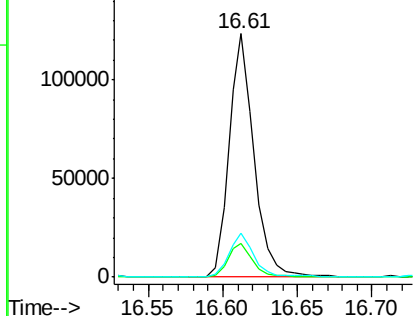


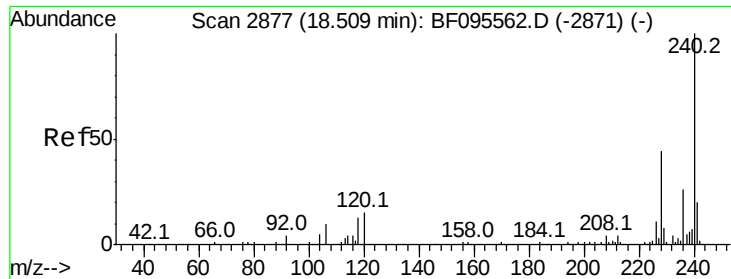
#74
Fluoranthene
Concen: 6.44 ng
RT: 16.61 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.2
203	18.1	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.51 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BF095567.D

Acq: 31 May 2017 16:55

Instrument :

BNA_F

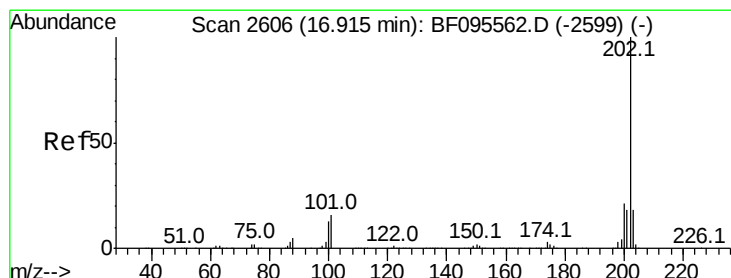
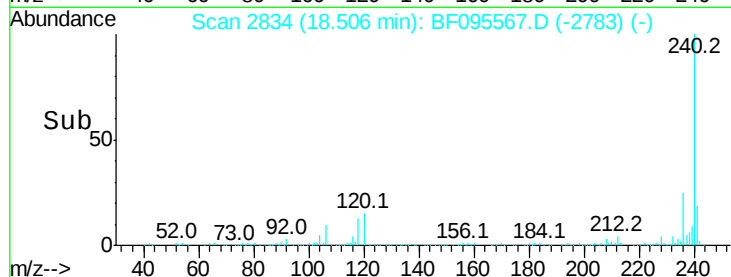
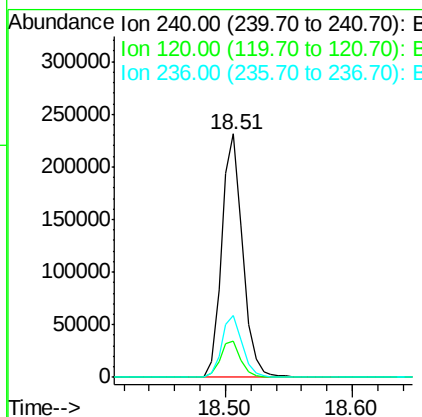
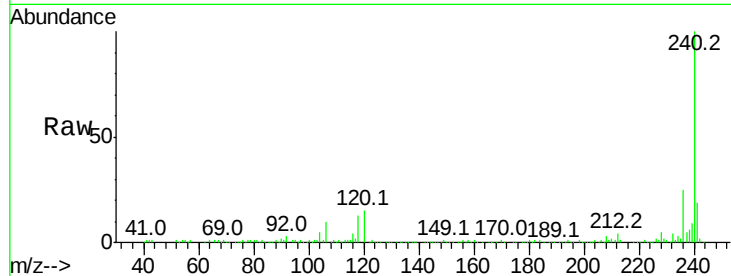
ClientSampleId :

B-14(6-9)

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	25.5	20.5	30.7

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#77

Pyrene

Concen: 6.71 ng

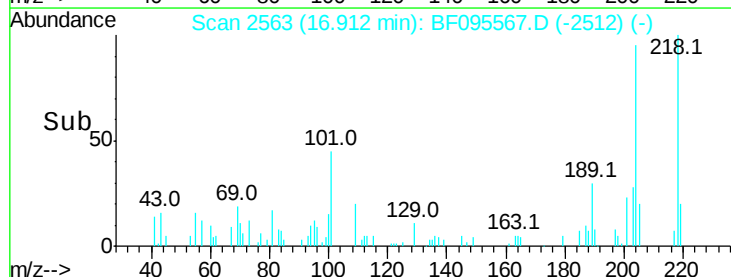
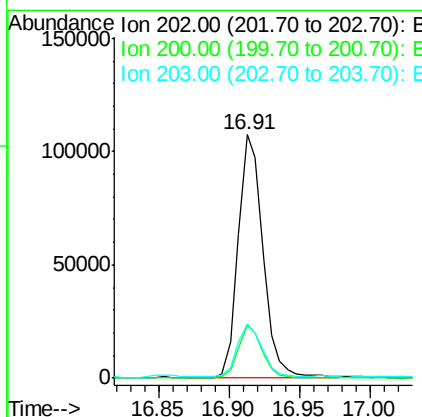
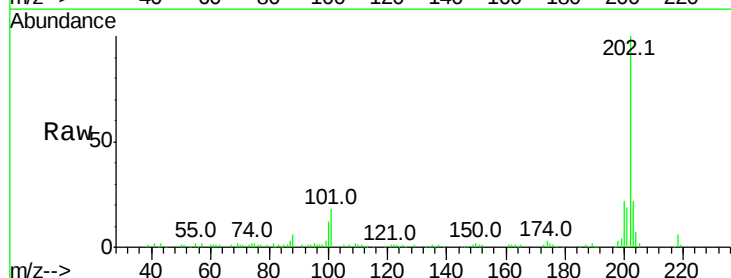
RT: 16.91 min Scan# 2563

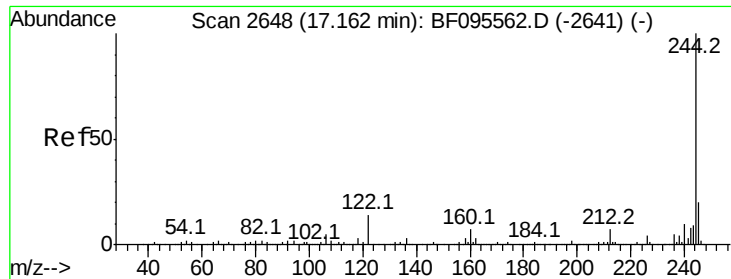
Delta R.T. -0.00 min

Lab File: BF095567.D

Acq: 31 May 2017 16:55

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	22.5	14.4	21.6#





#78
 Terphenyl-d14
 Concen: 90.92 ng
 RT: 17.16 min Scan# 2605
 Delta R.T. -0.00 min
 Lab File: BF095567.D
 Acq: 31 May 2017 16:55

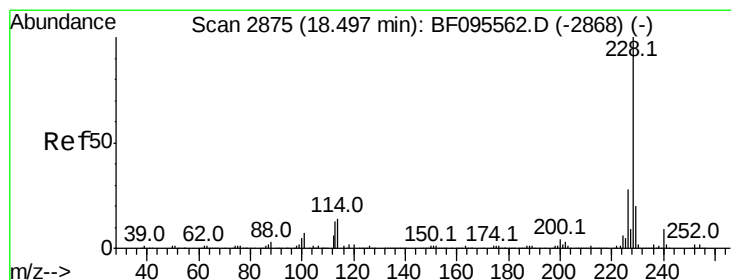
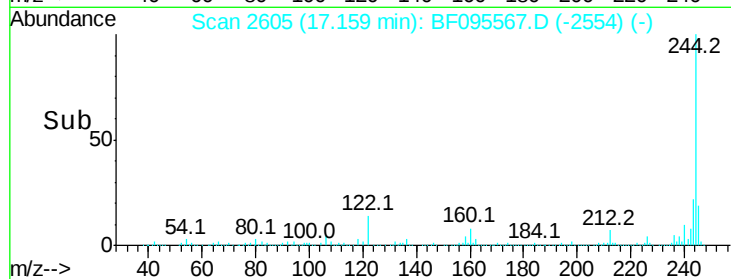
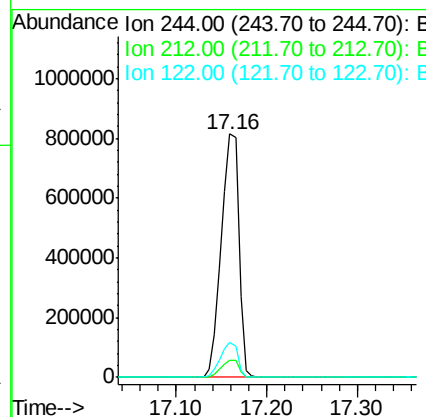
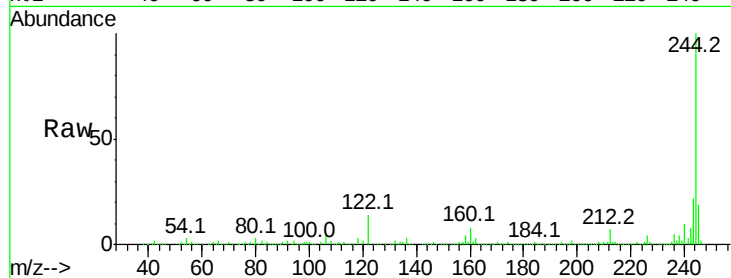
Instrument :
 BNA_F
 ClientSampled :
 B-14(6-9)

Tot Ion:244 Resp: 1090977

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.4	10.3	15.5

Manual Integrations
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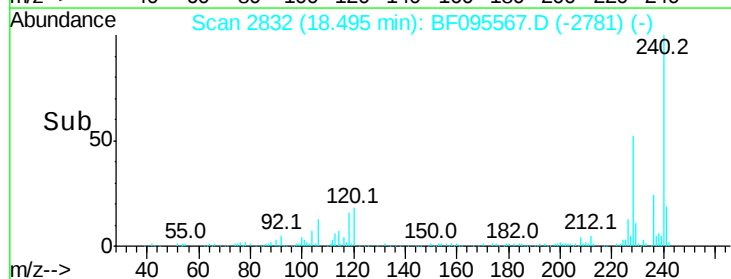
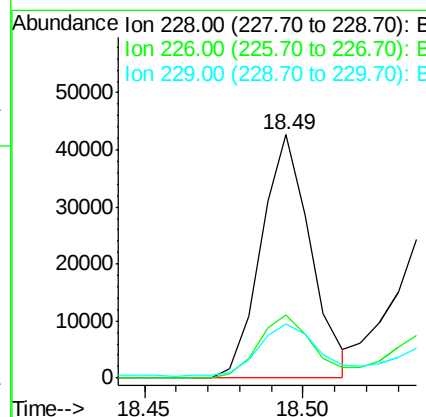
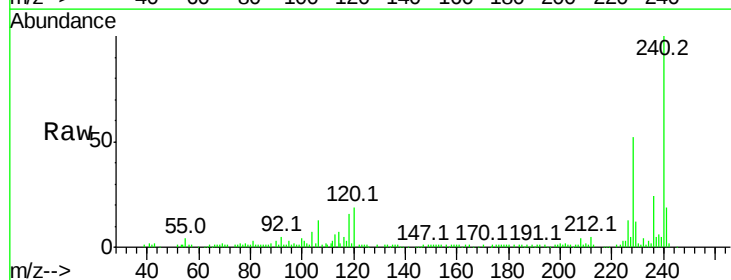
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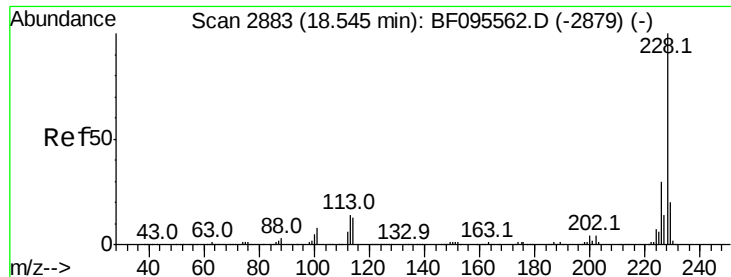


#80
 Benzo(a)anthracene
 Concen: 3.00 ng
 RT: 18.49 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BF095567.D
 Acq: 31 May 2017 16:55

Tgt Ion:228 Resp: 46203

Ion	Ratio	Lower	Upper
228	100		
226	25.9	22.6	33.8
229	22.3	16.3	24.5





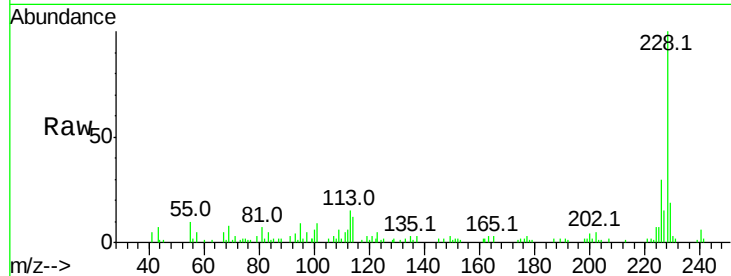
#82
Chrysene
Concen: 3.08 ng
RT: 18.54 min Scan# 2840
Delta R.T. -0.00 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Instrument :
BNA_F
ClientSampleId :
B-14(6-9)

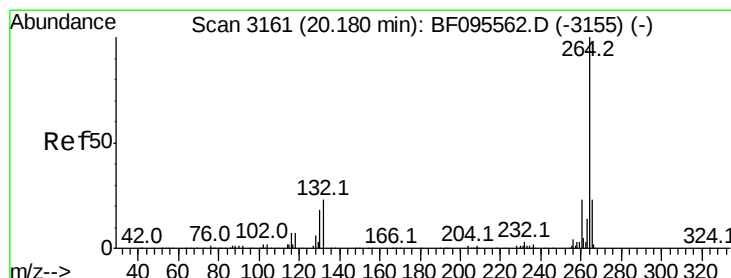
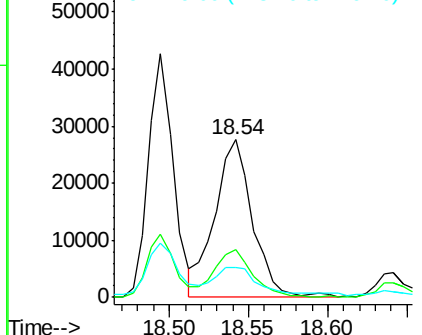
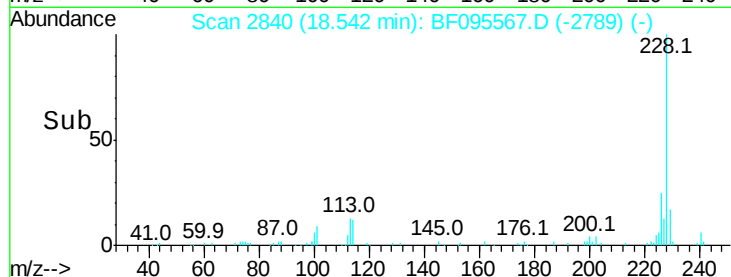
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	18.7	15.8	23.6

Manual Integrations
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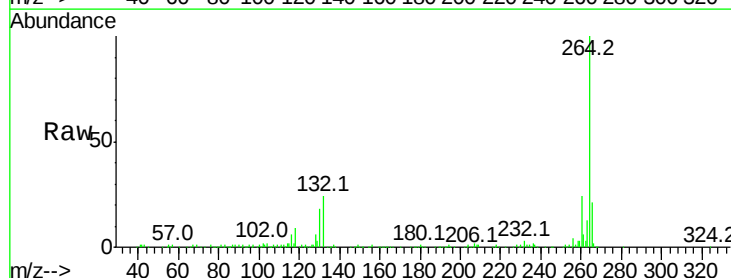


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

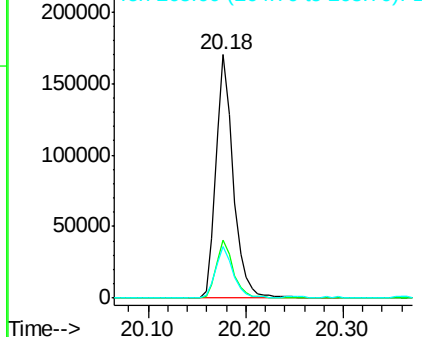
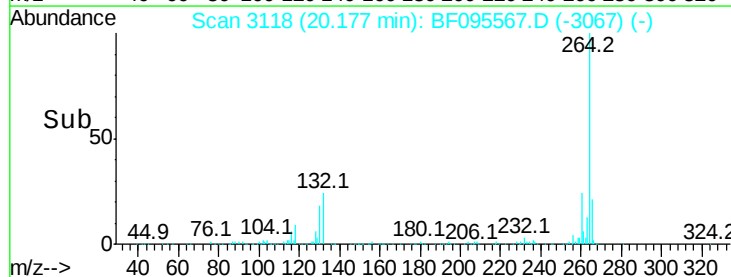


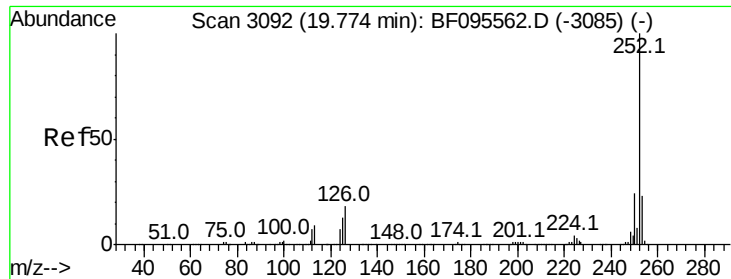
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.18 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.3	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 3.42 ng

RT: 19.78 min Scan# 3051

Delta R.T. 0.01 min

Lab File: BF095567.D

Acq: 31 May 2017 16:55

Instrument :

BNA_F

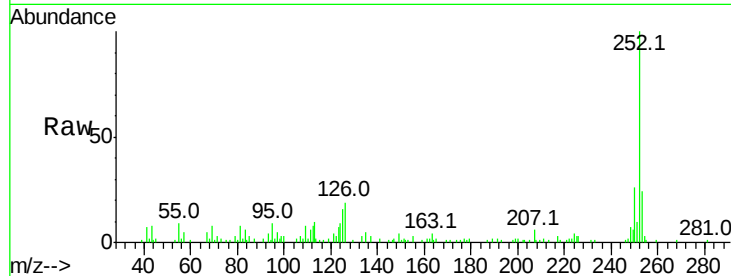
ClientSampleId :

B-14(6-9)

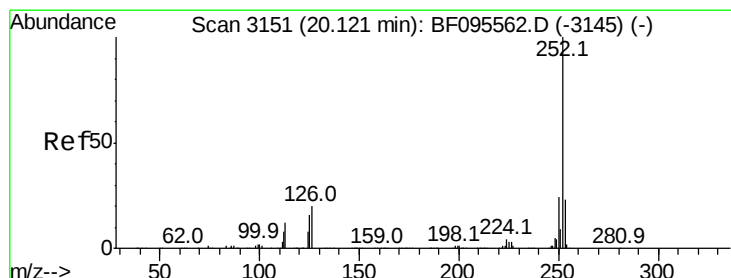
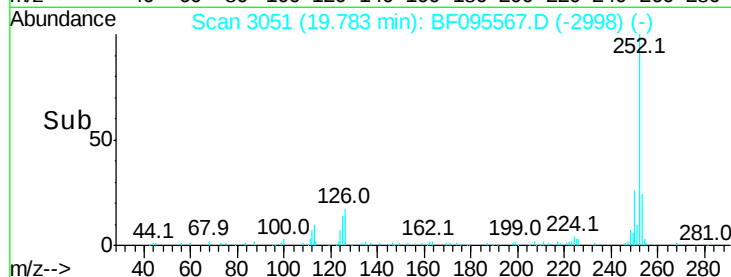
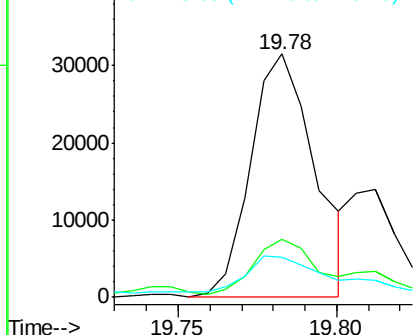
Tot Ion:	252	Resp:	44406
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.1	27.1
125	16.5	9.8	14.8#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 2.75 ng

RT: 20.13 min Scan# 3110

Delta R.T. 0.01 min

Lab File: BF095567.D

Acq: 31 May 2017 16:55

Tgt Ion:	252	Resp:	32967
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.5	26.3
125	15.5	11.0	16.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

