

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095252.D
 Acq On : 19 May 2017 7:48
 Operator : SJ/MA
 Sample : I3172-02DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-03DL

Manual Integrations
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Quant Time: May 19 08:27:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	100974	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	423408	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	203150	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	325064	20.00	ng	0.00
75) Chrysene-d12	18.69	240	202953	20.00	ng	0.00
86) Perylene-d12	20.36	264	173530	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	153480	25.34	ng	0.08
7) Phenol-d6	7.37	99	193293	26.60	ng	0.06
23) Nitrobenzene-d5	8.68	82	121851	18.15	ng	0.01
41) 2,4,6-Tribromophenol	13.92	330	48920	29.40	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	273736	19.39	ng	0.00
78) Terphenyl-d14	17.34	244	185582	20.14	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	12.28	163	41954	2.52	ng	# 98
70) Phenanthrene	15.06	178	286106	15.32	ng	99
71) Anthracene	15.15	178	87741	4.60	ng	95
74) Fluoranthene	16.80	202	581547	30.35	ng	99
77) Pyrene	17.10	202	481154	31.70	ng	96
80) Benzo(a)anthracene	18.68	228	173400	14.68	ng	97
82) Chrysene	18.72	228	130521	11.43	ng	99
85) Indeno(1,2,3-cd)pyrene	21.71	276	64849	6.99	ng	97
87) Benzo(b)fluoranthene	19.96	252	151192m	14.10	ng	
88) Benzo(k)fluoranthene	19.99	252	54420m	5.26	ng	
89) Benzo(a)pyrene	20.31	252	107225	10.84	ng	98
91) Benzo(a,h,i)perylene	22.10	276	66011	8.23	ng	96

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

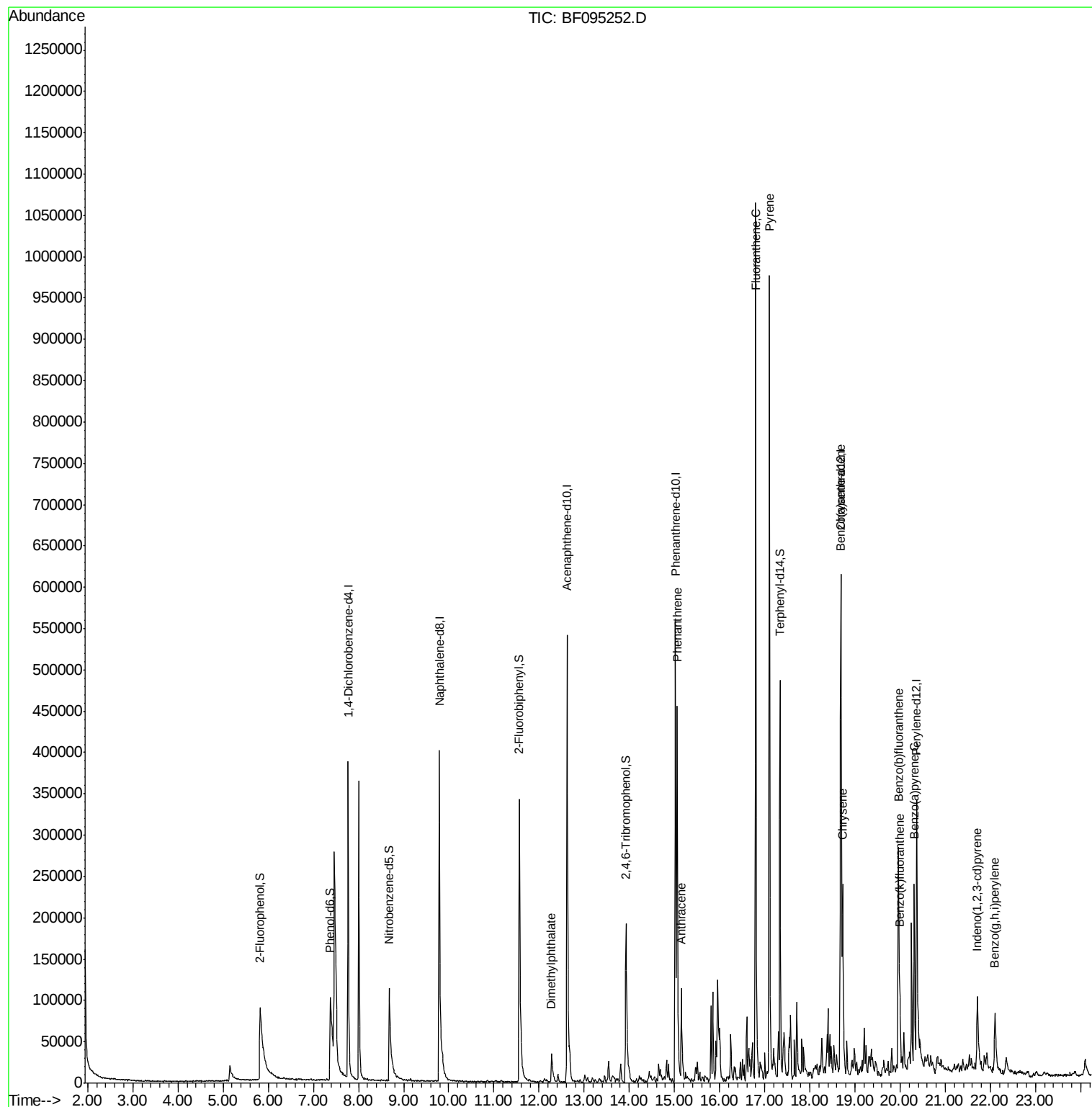
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
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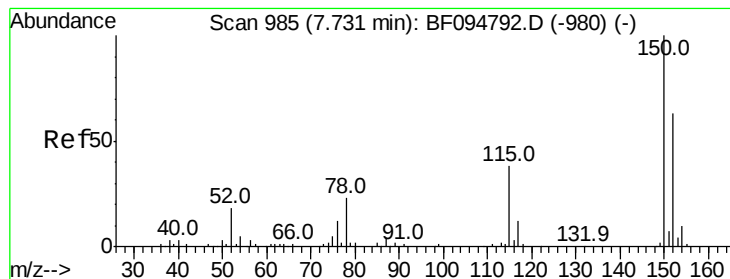
Instrument :
BNA_F
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#1

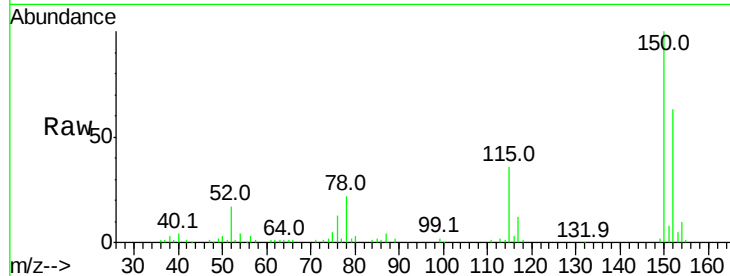
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF095252.D
Acq: 19 May 2017 7:48

Instrument :
BNA_F
ClientSampled :
SS-03DL

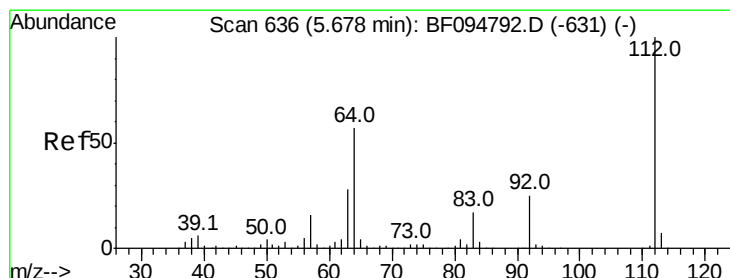
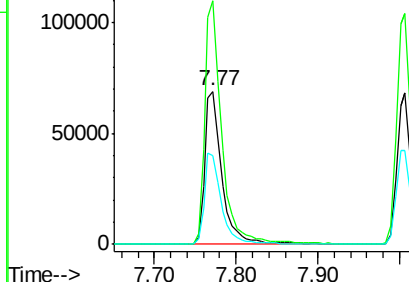
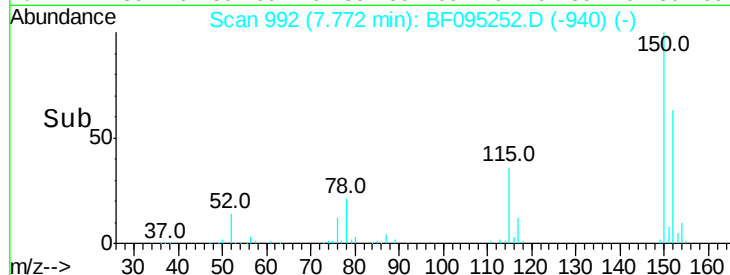
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.2	189.2
115	57.8	52.2	78.2

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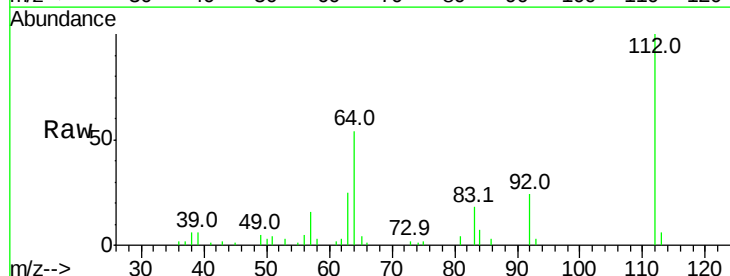
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



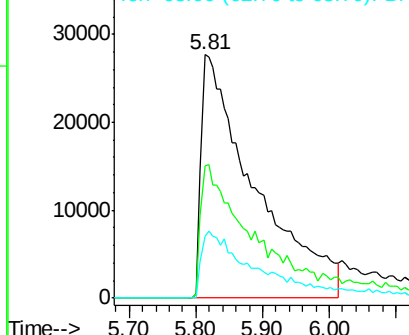
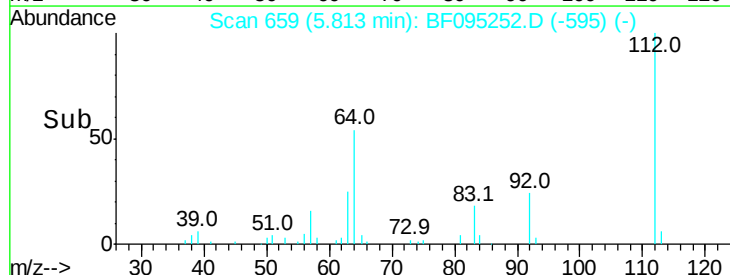
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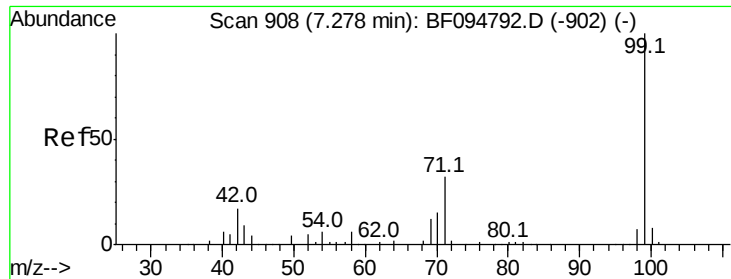
2-Fluorophenol
Concen: 25.34 ng
RT: 5.81 min Scan# 659
Delta R.T. 0.08 min
Lab File: BF095252.D
Acq: 19 May 2017 7:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.0	69.0
63	25.2	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: 26.60 ng

RT: 7.37 min Scan# 924

Delta R.T. 0.06 min

Lab File: BF095252.D

Acq: 19 May 2017 7:48

Instrument :

BNA_F

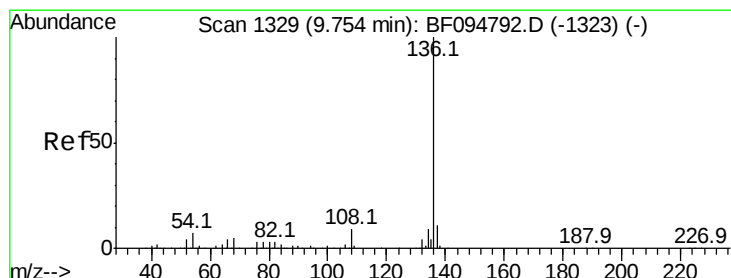
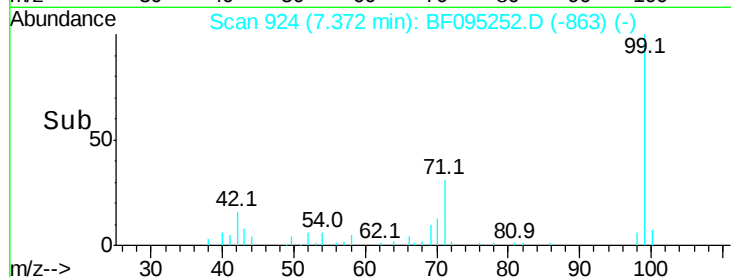
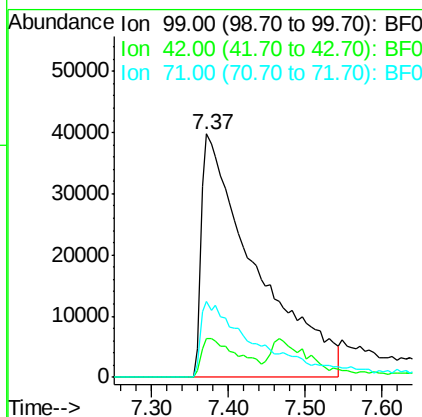
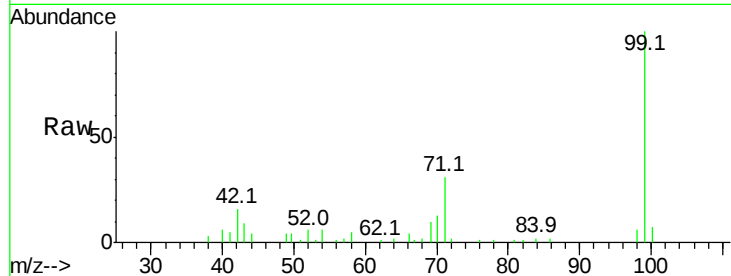
ClientSampled :

SS-03DL

Tot Ion:	99	Resp:	193293
Ion Ratio	Lower	Upper	
99	100		
42	15.8	13.5	20.3
71	31.3	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

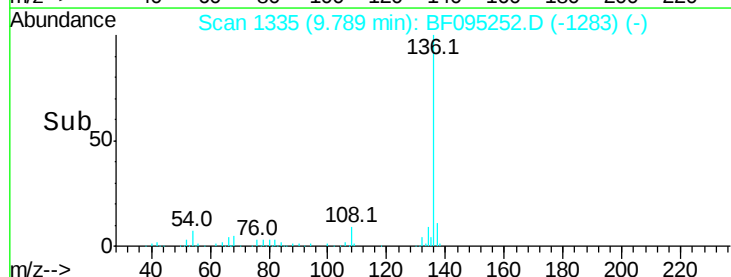
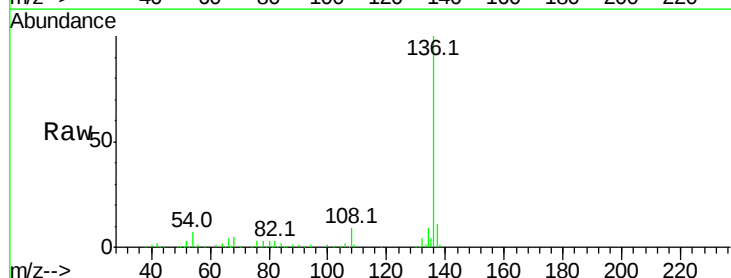
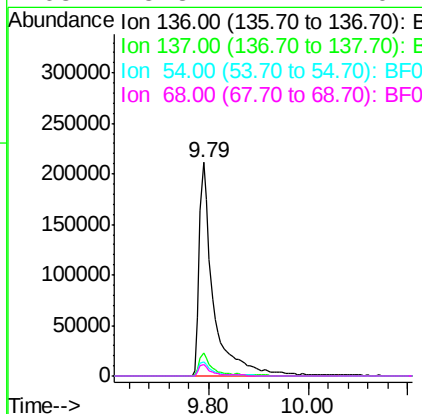
RT: 9.79 min Scan# 1335

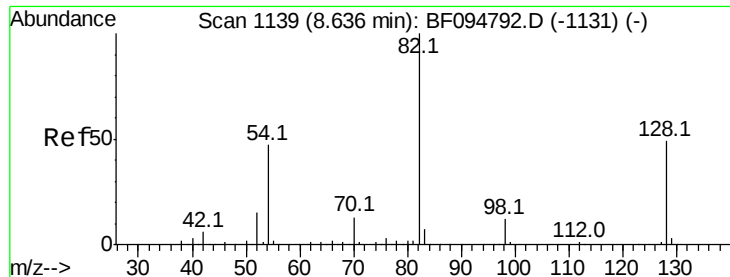
Delta R.T. 0.01 min

Lab File: BF095252.D

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Tgt Ion:	136	Resp:	423408
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	6.7	4.9	7.3
68	5.3	4.1	6.1





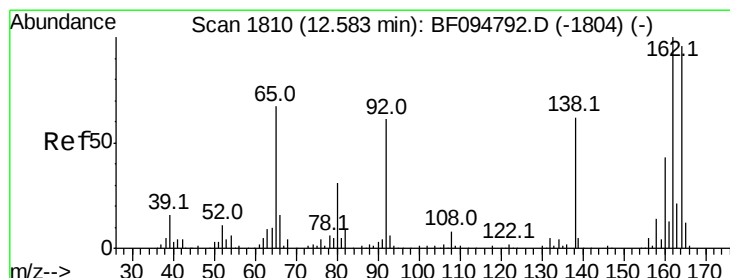
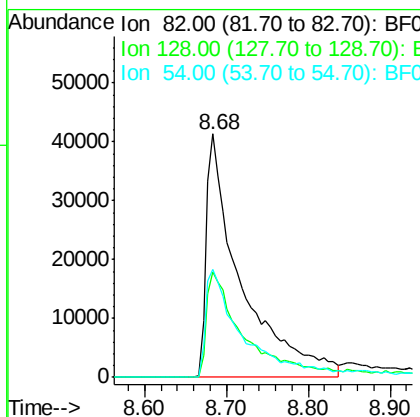
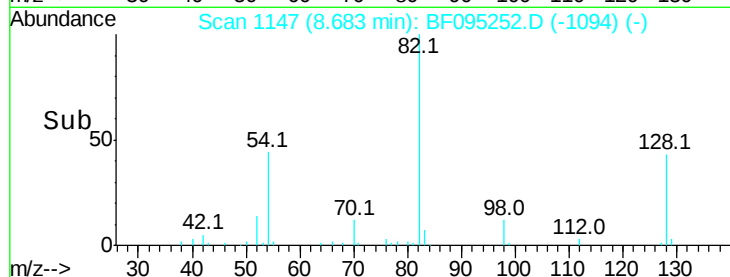
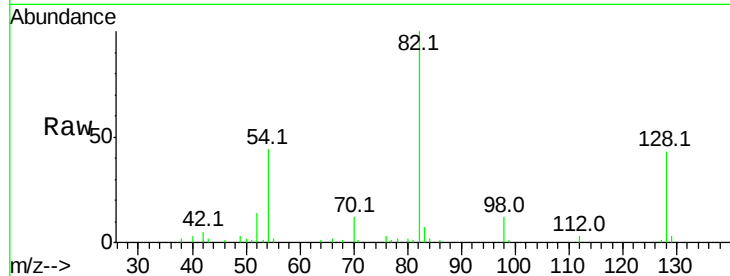
#23
 Nitrobenzene-d5
 Concen: 18.15 ng
 RT: 8.68 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: BF095252.D
 Acq: 19 May 2017 7:48

Instrument :
 BNA_F
 ClientSampled :
 SS-03DL

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.0	51.0
54	44.3	42.2	63.2

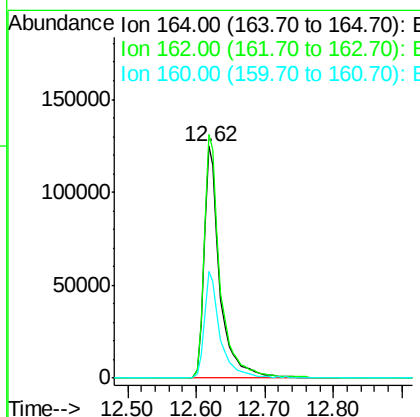
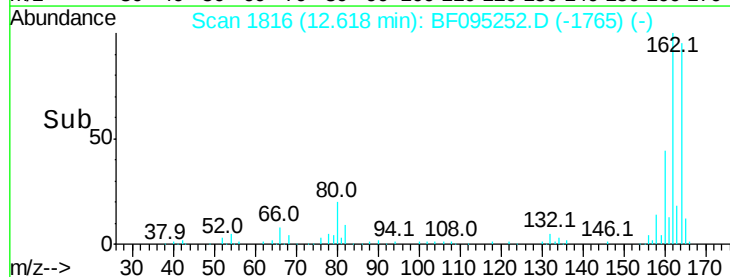
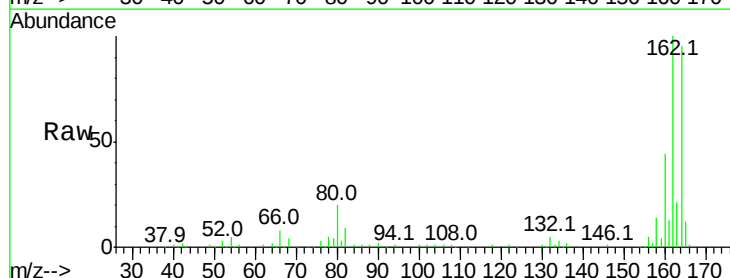
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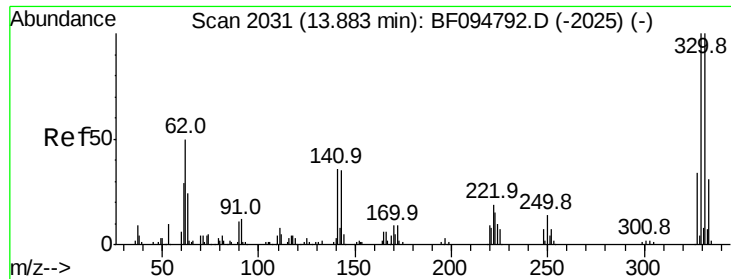
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BF095252.D
 Acq: 19 May 2017 7:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.6	123.8
160	46.2	36.2	54.2





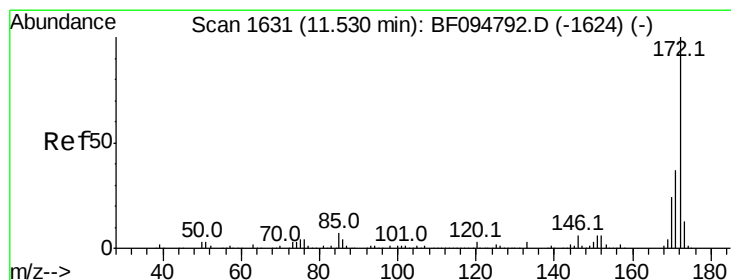
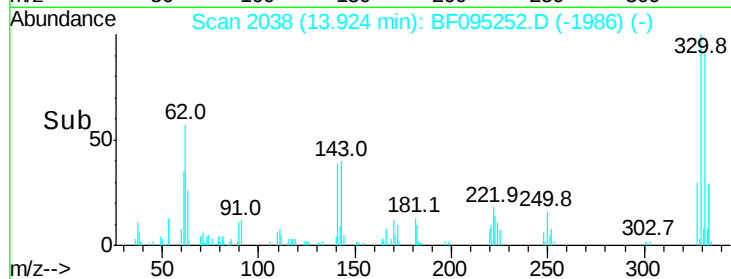
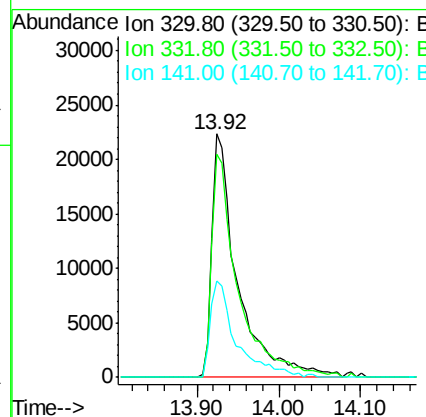
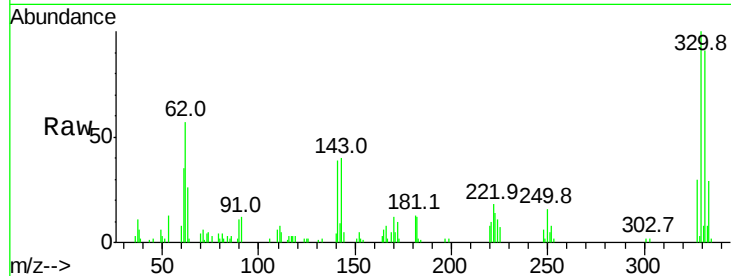
#41
 2,4,6-Tribromophenol
 Concen: 29.40 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: BF095252.D
 Acq: 19 May 2017 7:48

Instrument :
 BNA_F
 ClientSampleId :
 SS-03DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	76.6	115.0
141	39.6	31.4	47.2

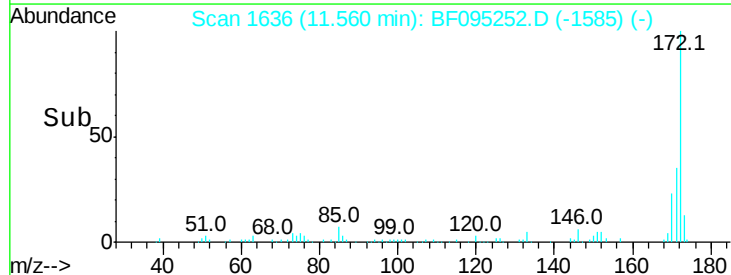
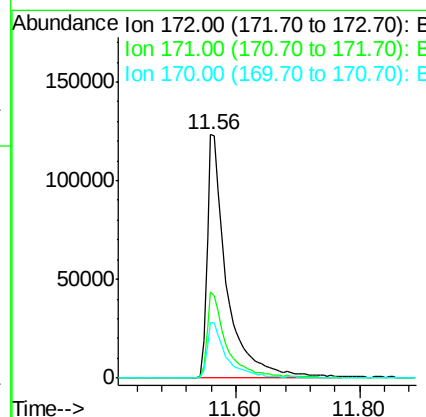
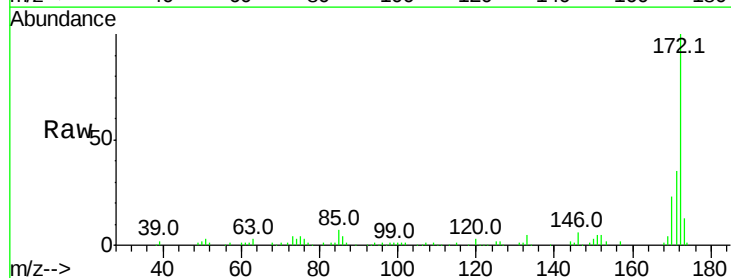
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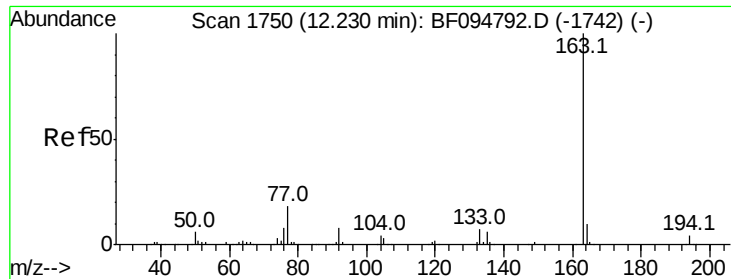
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#44
 2-Fluorobiphenyl
 Concen: 19.39 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BF095252.D
 Acq: 19 May 2017 7:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	22.9	19.8	29.8





#49

Dimethylphthalate

Concen: 2.52 ng

RT: 12.28 min Scan# 1758

Delta R.T. 0.02 min

Lab File: BF095252.D

Acq: 19 May 2017 7:48

Instrument :

BNA_F

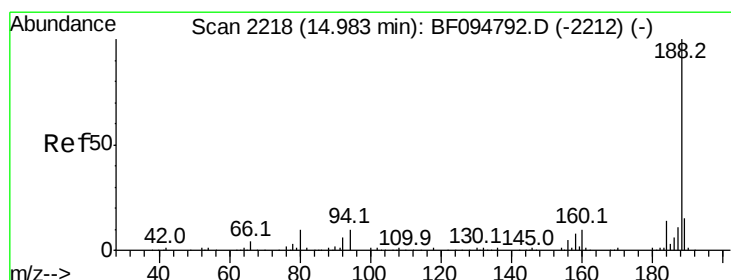
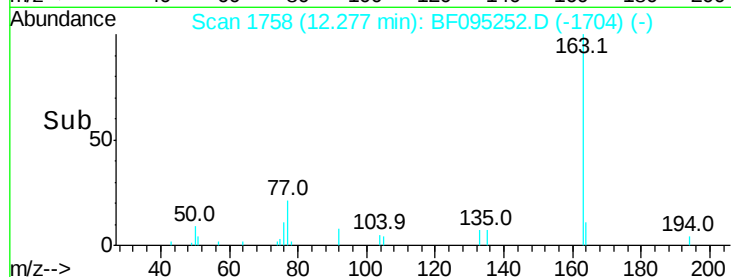
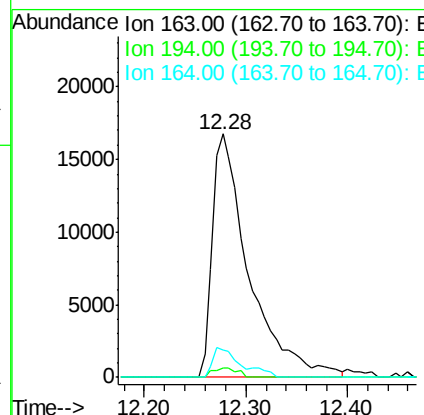
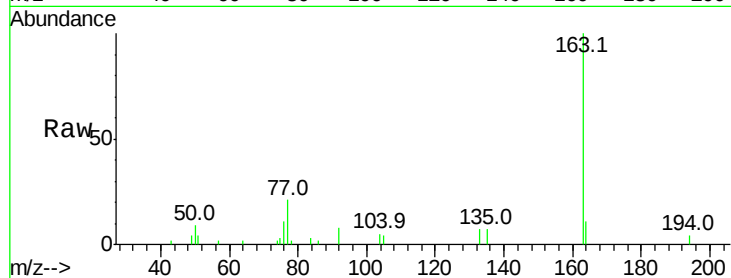
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.6	4.0
164	11.3	8.4	12.6

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#63

Phenanthrene-d10

Concen: 20.00 ng

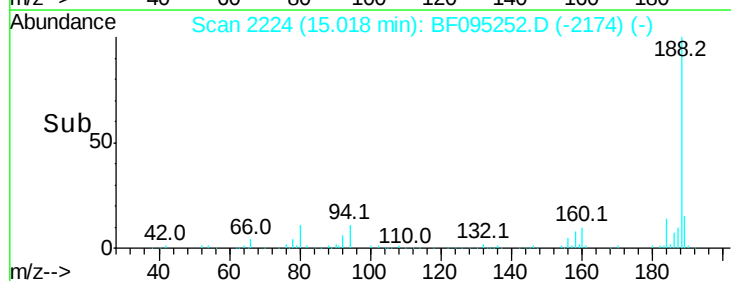
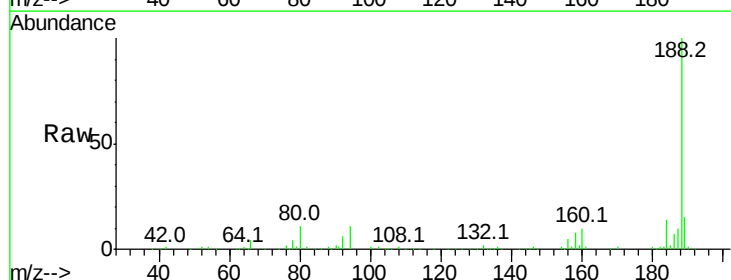
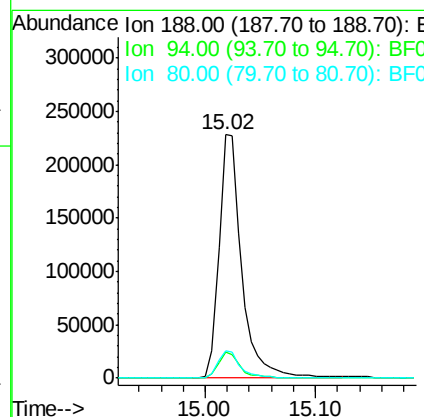
RT: 15.02 min Scan# 2224

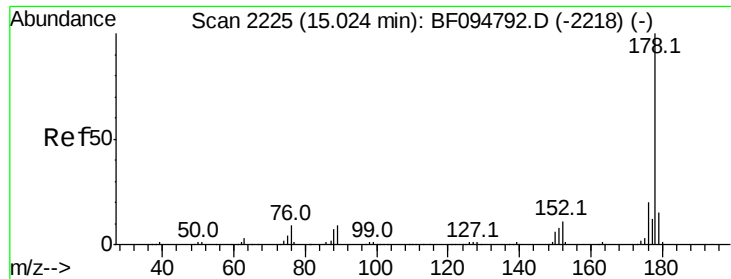
Delta R.T. -0.01 min

Lab File: BF095252.D

Acq: 19 May 2017 7:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.2	10.2	15.2





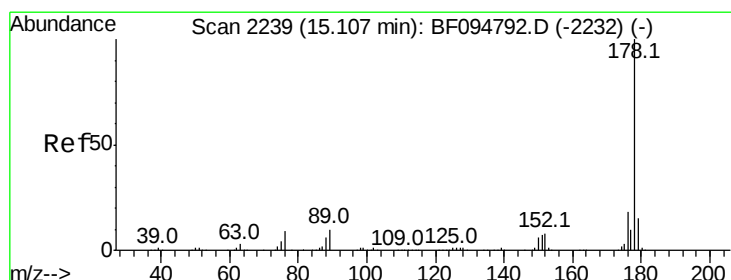
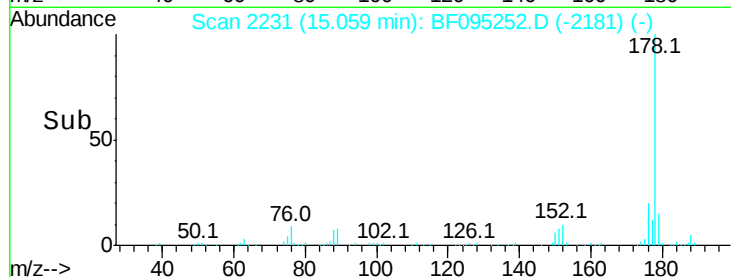
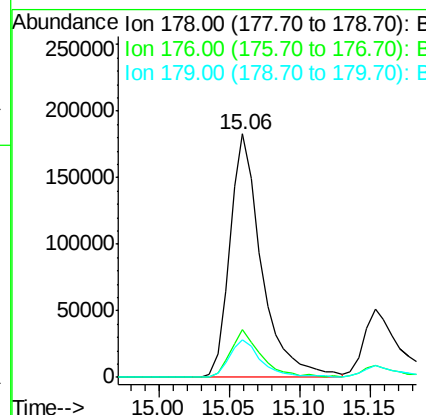
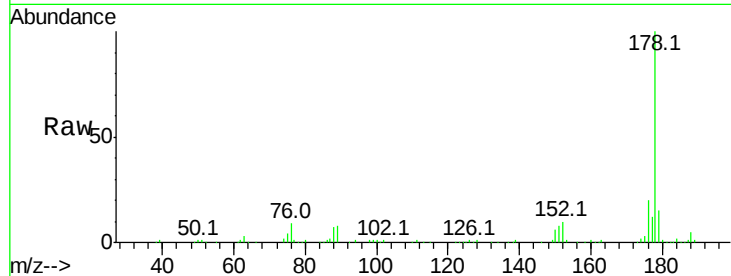
#70
Phenanthrene
Concen: 15.32 ng
RT: 15.06 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF095252.D
Acq: 19 May 2017 7:48

Instrument :
BNA_F
ClientSampleId :
SS-03DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.5	12.6	19.0

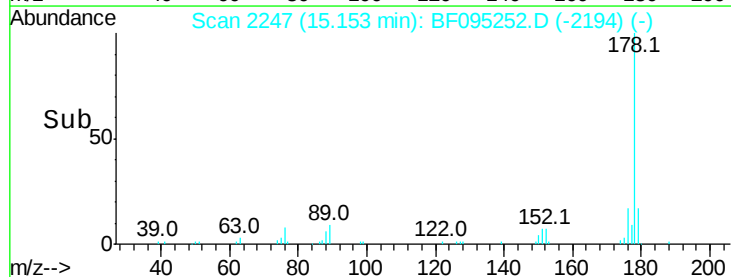
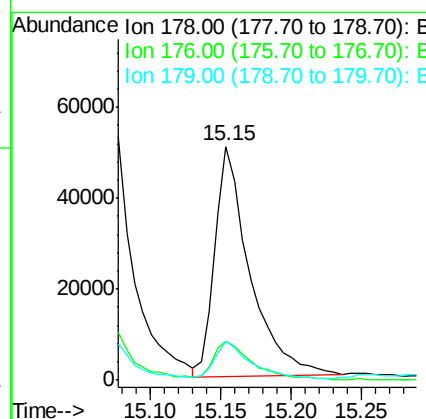
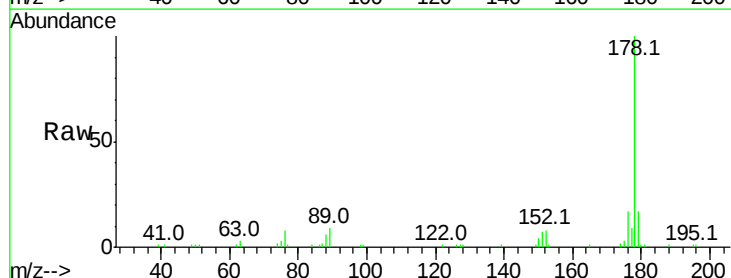
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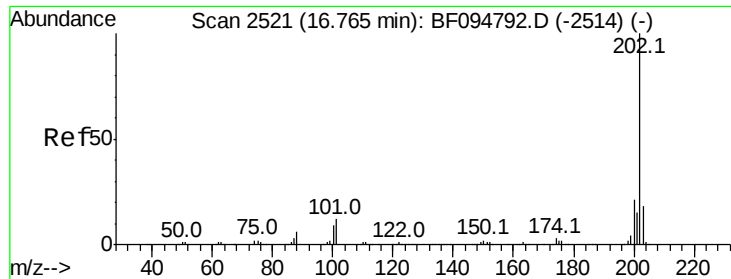
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#71
Anthracene
Concen: 4.60 ng
RT: 15.15 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF095252.D
Acq: 19 May 2017 7:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.7	15.8	23.8
179	16.8	12.7	19.1





#74

Fluoranthene

Concen: 30.35 ng

RT: 16.80 min Scan# 2527

Delta R.T. -0.00 min

Lab File: BF095252.D

Acq: 19 May 2017 7:48

Instrument :

BNA_F

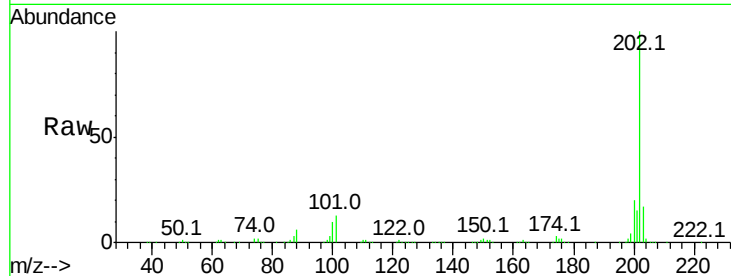
ClientSampleId :

SS-03DL

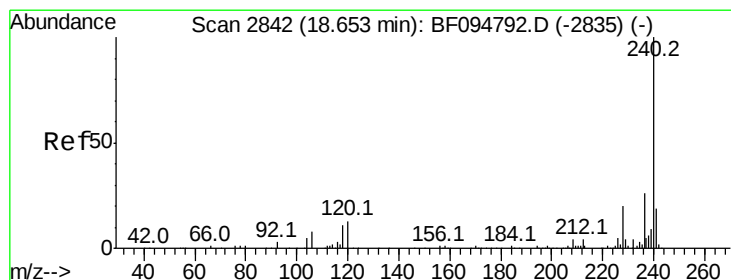
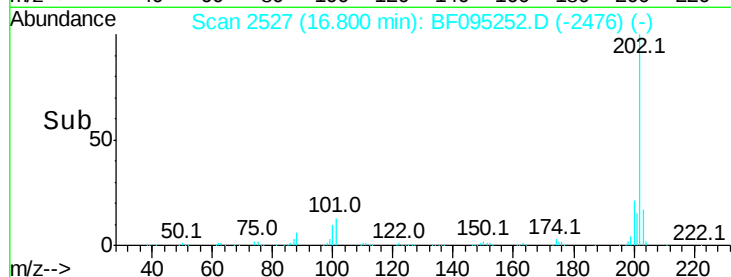
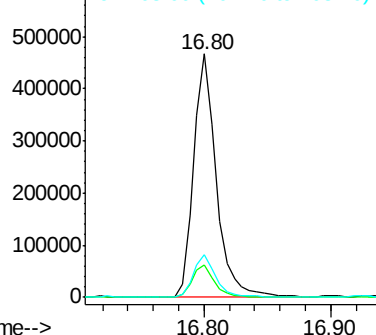
Tot Ion	Ratio	Resp	Lower	Upper
202	100	581547		
101	13.4	0.0	33.2	
203	17.4	0.0	38.1	

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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

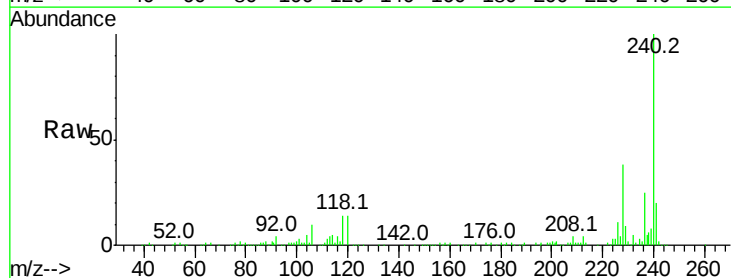
RT: 18.69 min Scan# 2848

Delta R.T. -0.01 min

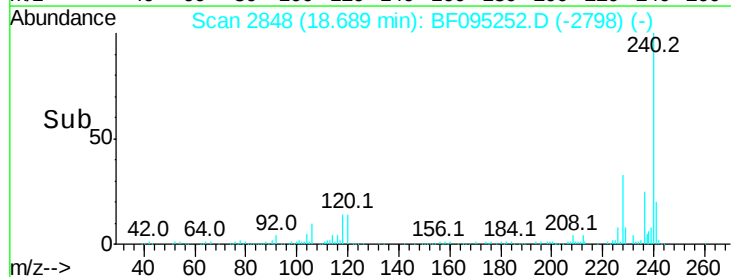
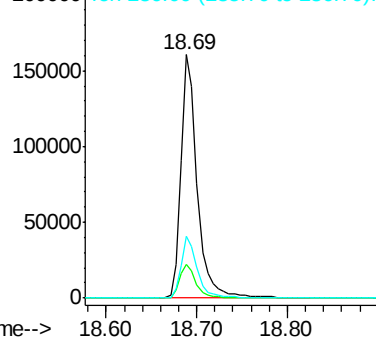
Lab File: BF095252.D

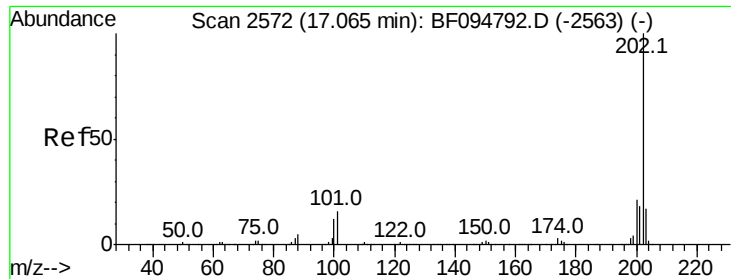
Acq: 19 May 2017 7:48

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	202953		
120	14.1	5.8	8.8#	
236	25.3	20.5	30.7	



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





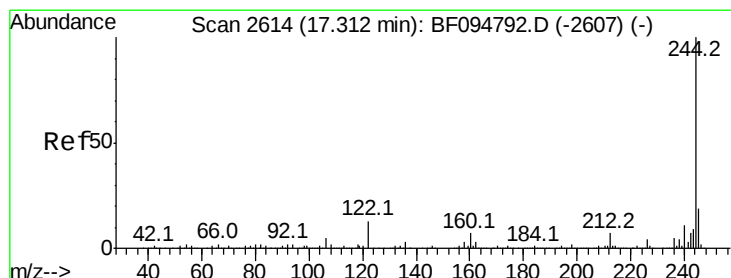
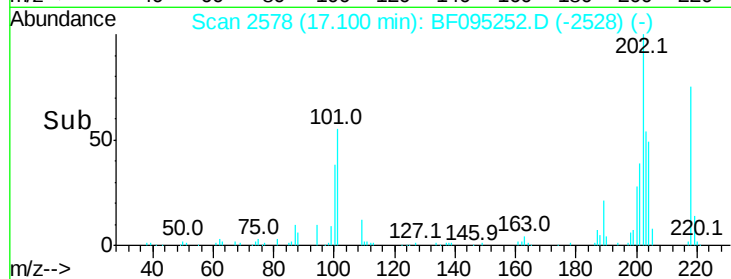
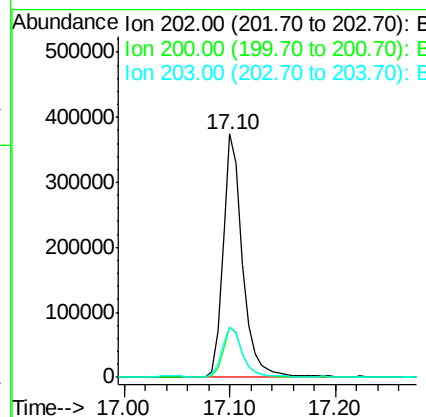
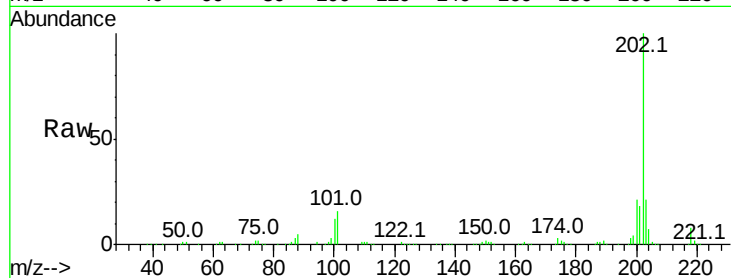
#77
Pvrene
Concen: 31.70 ng
RT: 17.10 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF095252.D
Acq: 19 May 2017 7:48

Instrument :
BNA_F
ClientSampled :
SS-03DL

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	20.9	14.4	21.6

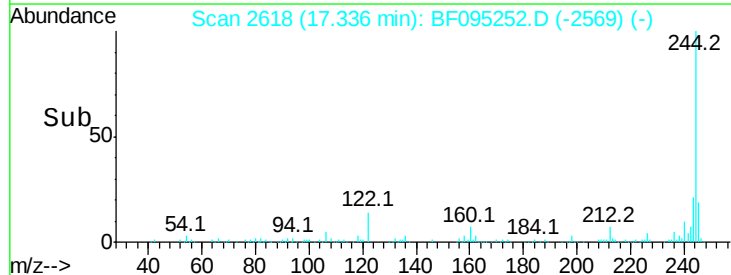
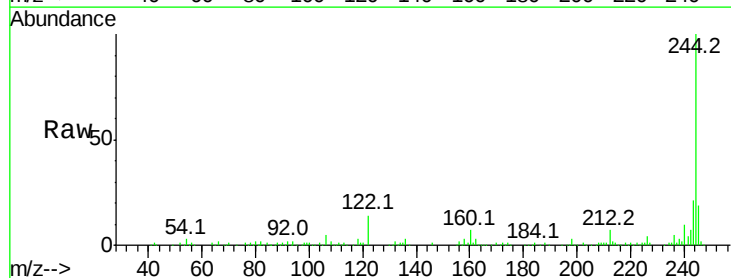
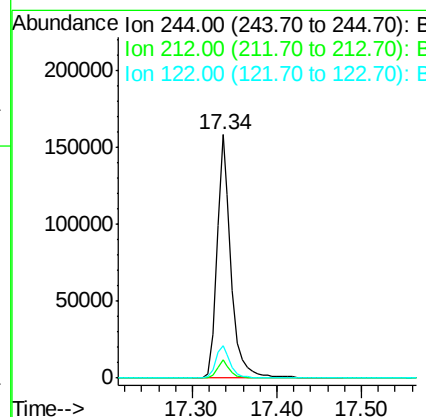
Manual Integrations
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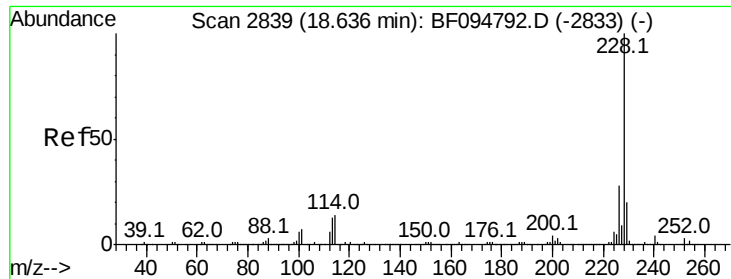
mohammad
5/19/2017 3:40:31 PM



#78
Terphenyl-d14
Concen: 20.14 ng
RT: 17.34 min Scan# 2618
Delta R.T. -0.01 min
Lab File: BF095252.D
Acq: 19 May 2017 7:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.5	10.3	15.5





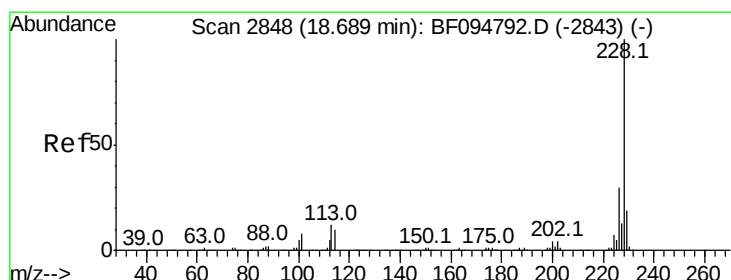
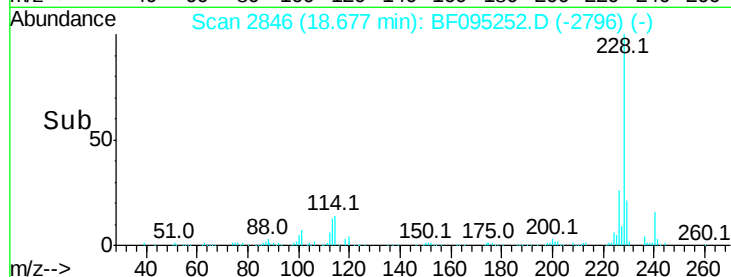
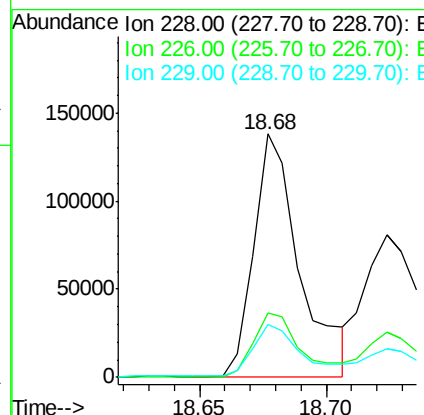
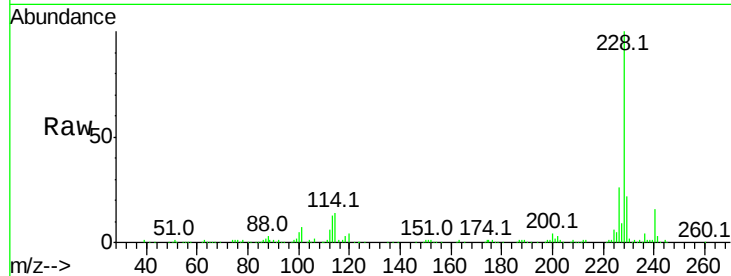
#80
Benzo(a)anthracene
Concen: 14.68 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BF095252.D
Acq: 19 May 2017 7:48

Instrument :
BNA_F
ClientSampleId :
SS-03DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.6	33.8
229	21.5	16.3	24.5

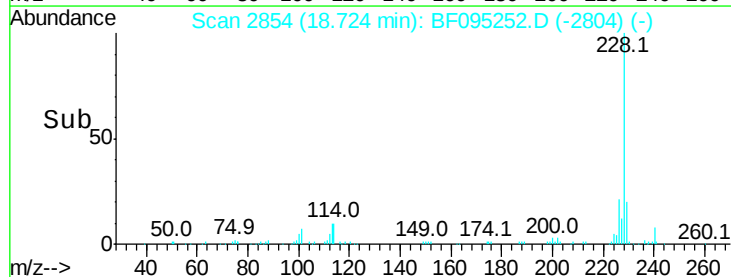
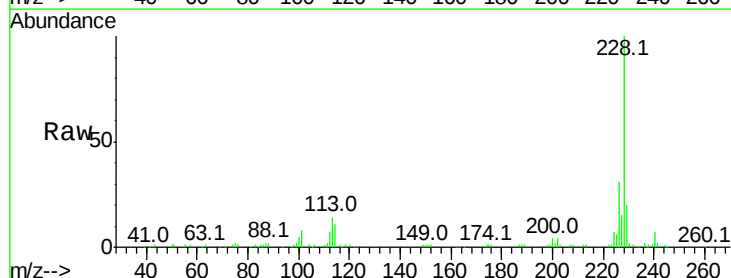
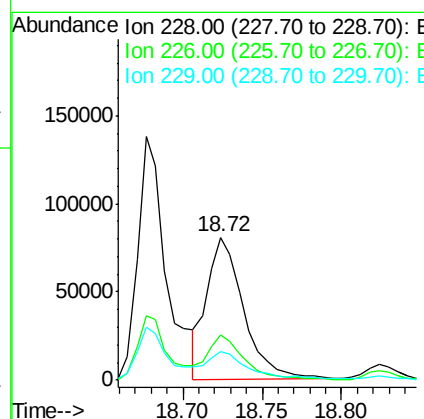
Manual Integrations
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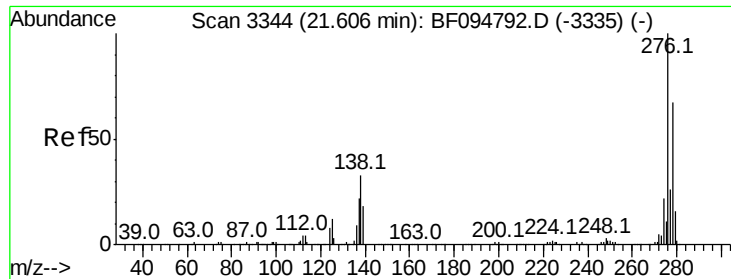
mohammad
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#82
Chrysene
Concen: 11.43 ng
RT: 18.72 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BF095252.D
Acq: 19 May 2017 7:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	20.0	15.8	23.6





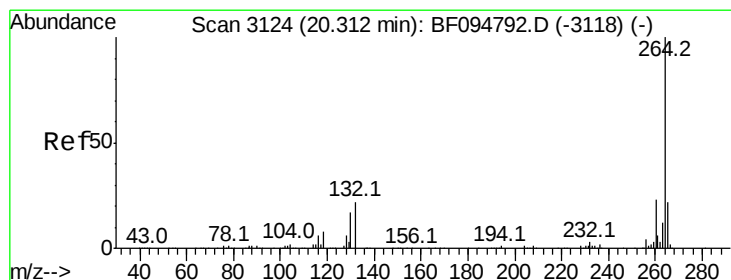
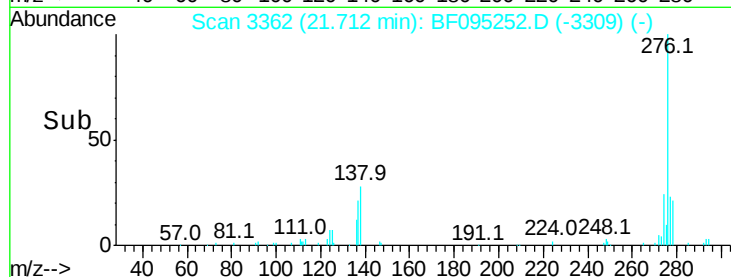
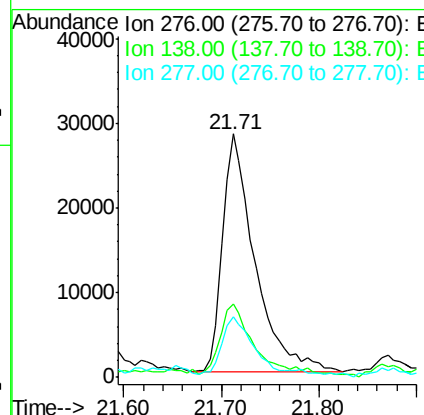
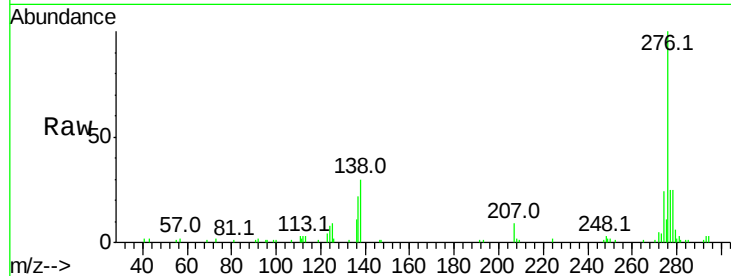
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.99 ng
RT: 21.71 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BF095252.D
Acq: 19 May 2017 7:48

Instrument :
BNA_F
ClientSampleId :
SS-03DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.1	27.8	41.6
277	22.7	20.2	30.4

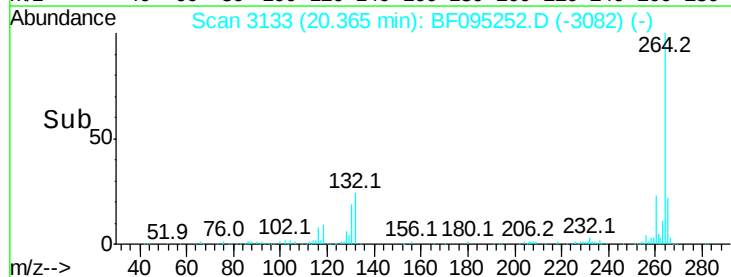
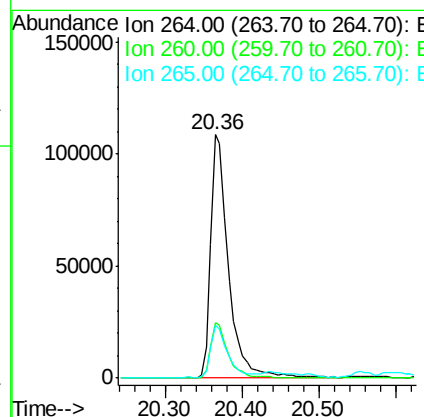
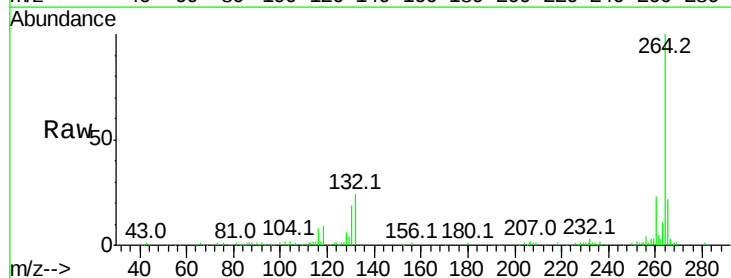
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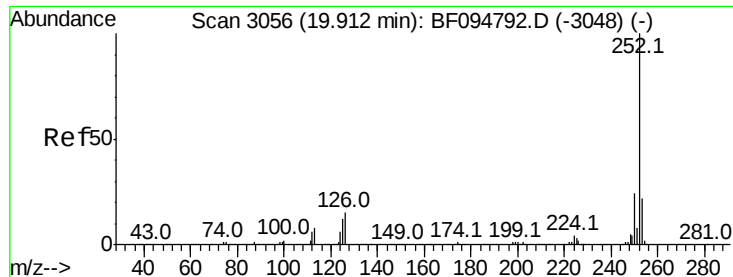
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3133
Delta R.T. -0.00 min
Lab File: BF095252.D
Acq: 19 May 2017 7:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 14.10 ng m

RT: 19.96 min Scan# 3065

Delta R.T. 0.01 min

Lab File: BF095252.D

Acq: 19 May 2017 7:48

Instrument :

BNA_F

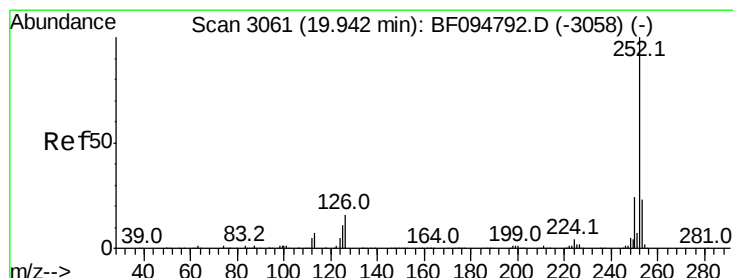
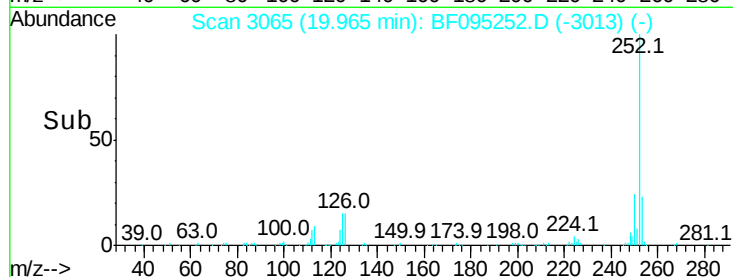
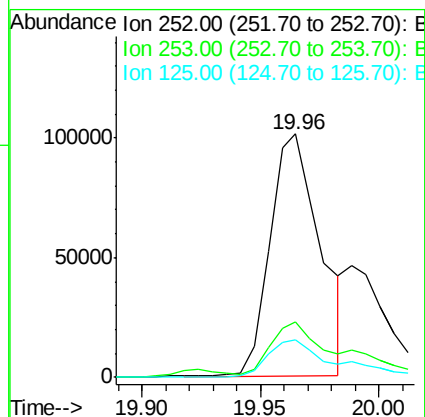
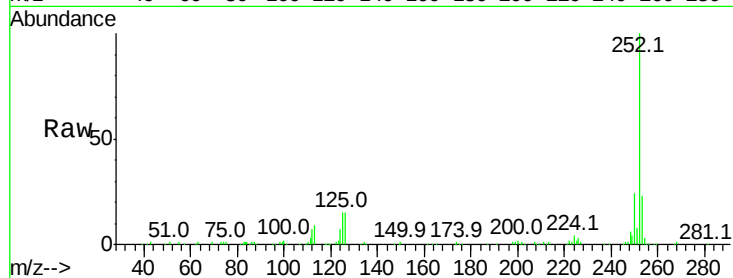
ClientSampled :

SS-03DL

Tot Ion:	252	Resp:	151192
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.1	27.1
125	15.2	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 5.26 ng m

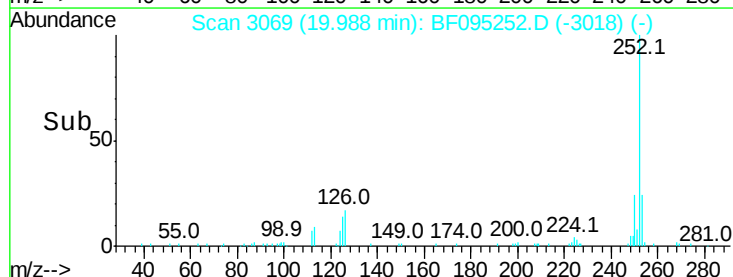
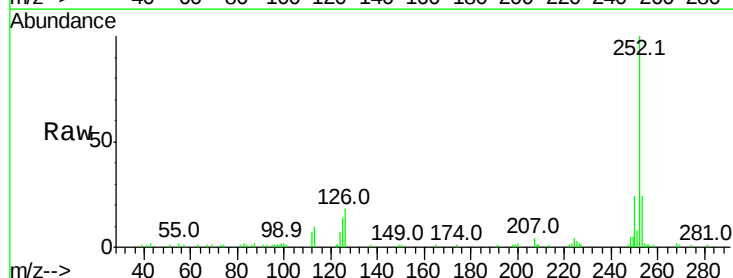
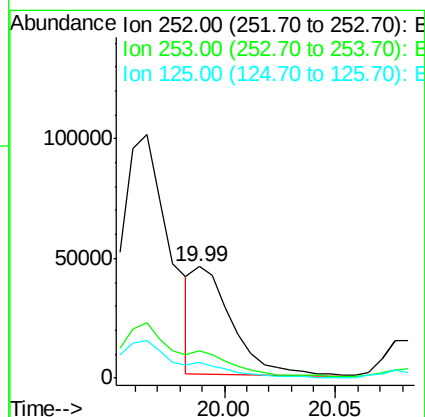
RT: 19.99 min Scan# 3069

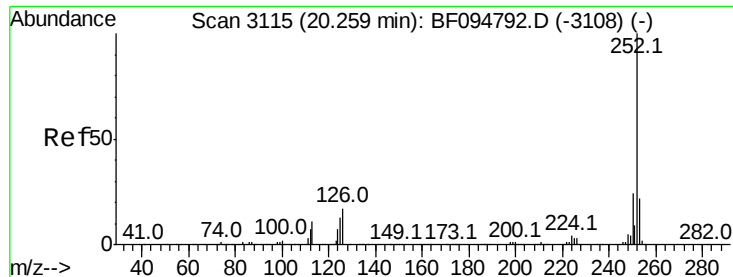
Delta R.T. -0.00 min

Lab File: BF095252.D

Acq: 19 May 2017 7:48

Tgt Ion:	252	Resp:	54420
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.4	27.6
125	13.7	13.1	19.7





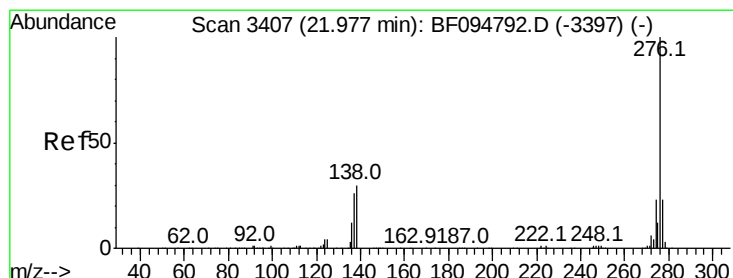
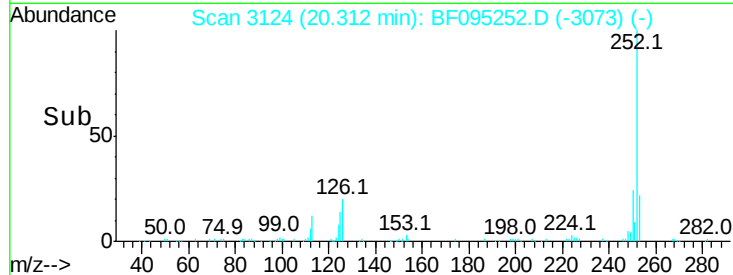
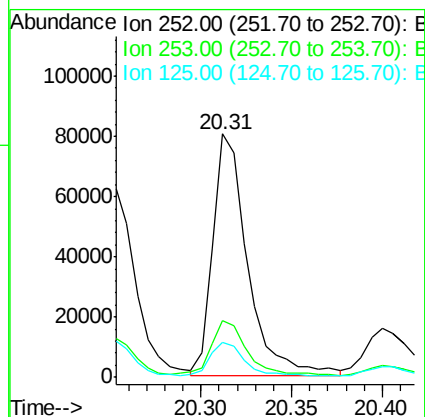
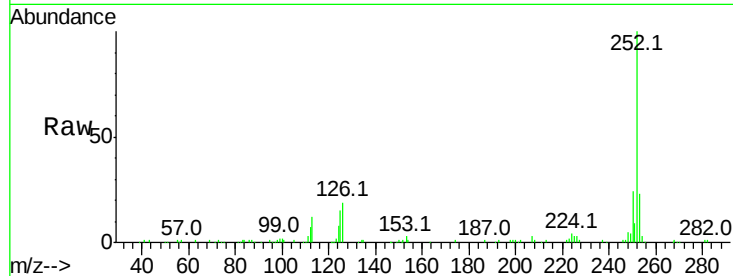
#89
Benzo(a)pyrene
Concen: 10.84 ng
RT: 20.31 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BF095252.D
Acq: 19 May 2017 7:48

Instrument :
BNA_F
ClientSampled :
SS-03DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	14.6	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 8.23 ng
RT: 22.10 min Scan# 3428
Delta R.T. 0.02 min
Lab File: BF095252.D
Acq: 19 May 2017 7:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.6	28.0
138	30.2	25.4	38.0

