

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
 Data File : BF095281.D
 Acq On : 20 May 2017 00:51
 Operator : SJ/MA
 Sample : I3202-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1COMP

Manual Integrations
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Quant Time: May 20 02:42:05 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	101276	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	417310	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	174434	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	312972	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	195148	20.00	ng	-0.01
86) Perylene-d12	20.36	264	184954	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	852845	140.40	ng	0.00
7) Phenol-d6	7.31	99	1077638	147.85	ng	0.00
23) Nitrobenzene-d5	8.67	82	640833	96.83	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	225102	157.57	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1214326	100.20	ng	0.00
78) Terphenyl-d14	17.34	244	809675	91.39	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	12.25	163	209313	14.62	ng	98
70) Phenanthrene	15.05	178	276582	15.38	ng	99
71) Anthracene	15.15	178	50425	2.75	ng	98
74) Fluoranthene	16.79	202	366222	19.85	ng	98
77) Pyrene	17.09	202	390984	26.79	ng	96
80) Benzo(a)anthracene	18.67	228	135515	11.93	ng	98
82) Chrysene	18.72	228	149421	13.61	ng	100
85) Indeno(1,2,3-cd)pyrene	21.71	276	57420	6.44	ng	94
87) Benzo(b)fluoranthene	19.96	252	128395m	11.23	ng	
88) Benzo(k)fluoranthene	19.98	252	43078m	3.91	ng	
89) Benzo(a)pyrene	20.31	252	106574	10.11	ng	98
91) Benzo(g,h,i)perylene	22.09	276	62595	7.32	ng	97

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

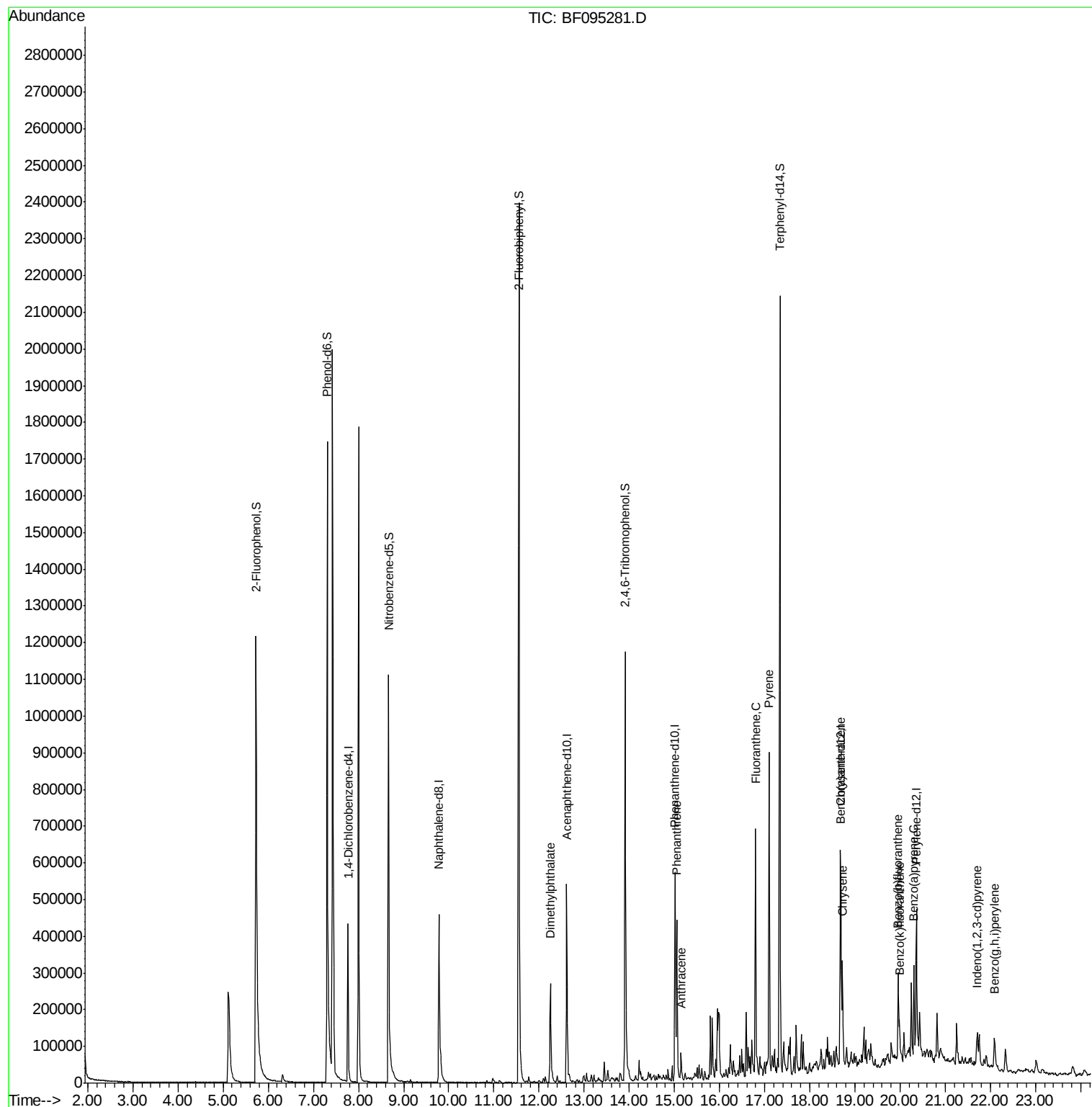
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
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Operator : SJ/MA
Sample : I3202-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

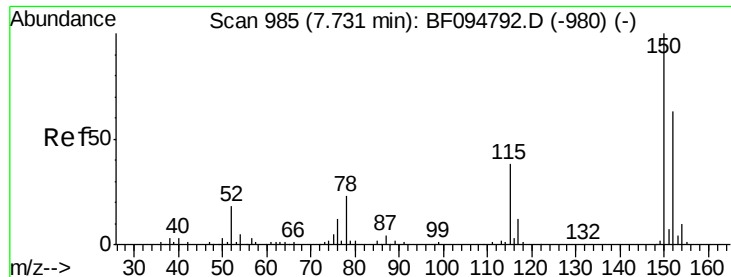
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.77 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF095281.D

Acq: 20 May 2017 00:51

Instrument :

BNA_F

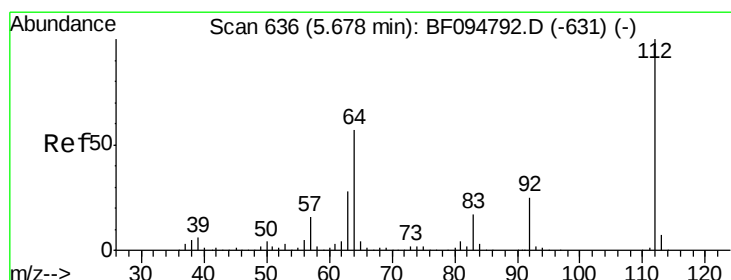
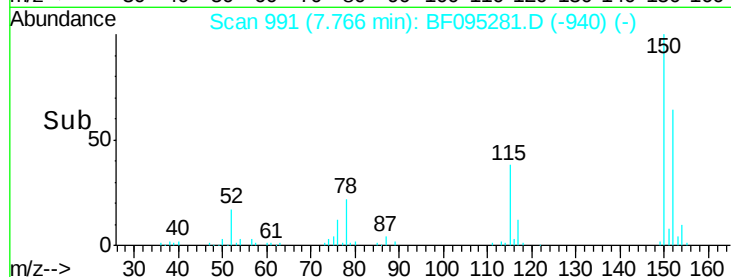
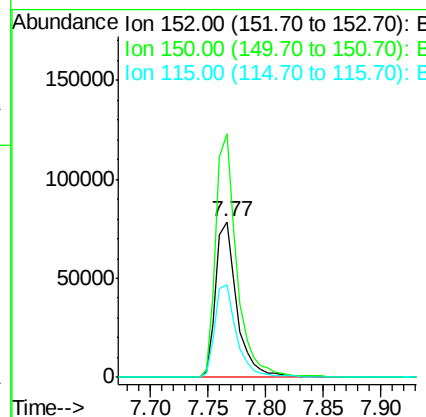
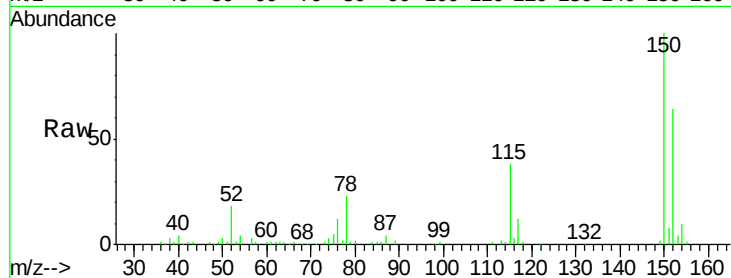
ClientSampleId :

SB-1COMP

Tgt Ion:	152	Resp:	101276
Ion Ratio	Lower	Upper	
152	100		
150	156.8	126.2	189.2
115	59.3	52.2	78.2

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#5

2-Fluorophenol

Concen: 140.40 ng

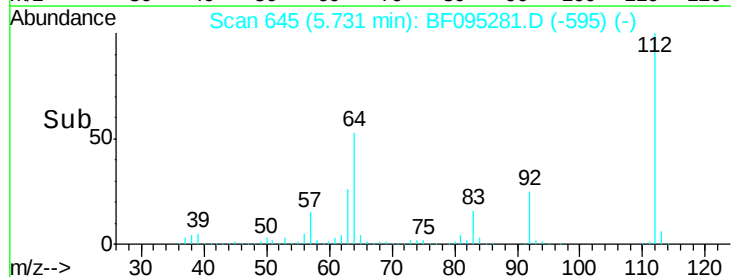
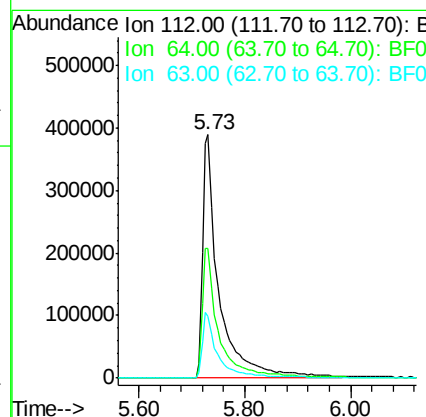
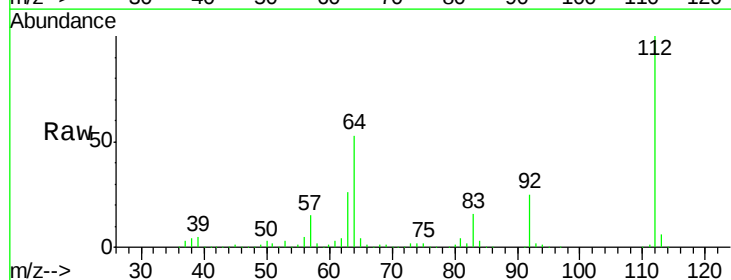
RT: 5.73 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF095281.D

Acq: 20 May 2017 00:51

Tgt Ion:	112	Resp:	852845
Ion Ratio	Lower	Upper	
112	100		
64	53.3	46.0	69.0
63	25.5	23.4	35.0





#7

Phenol-d6

Concen: 147.85 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095281.D

Acq: 20 May 2017 00:51

Instrument :

BNA_F

ClientSampleId :

SB-1COMP

Tgt Ion: 99 Resp: 1077638

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

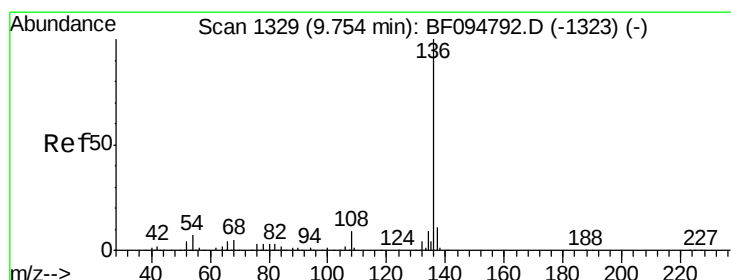
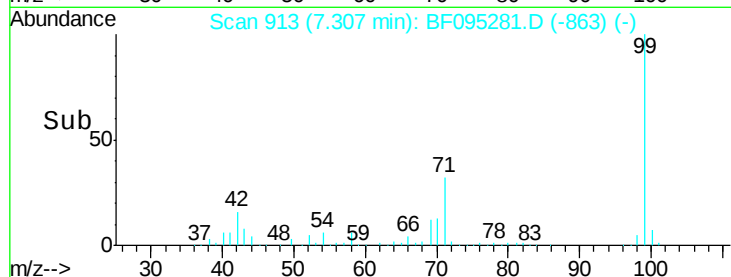
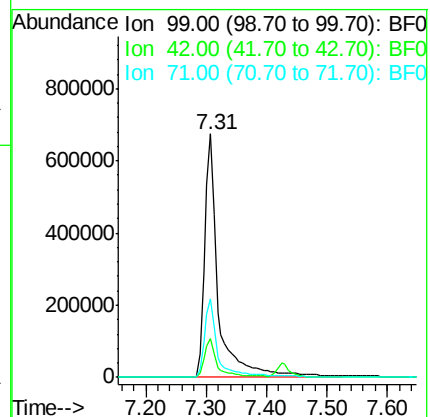
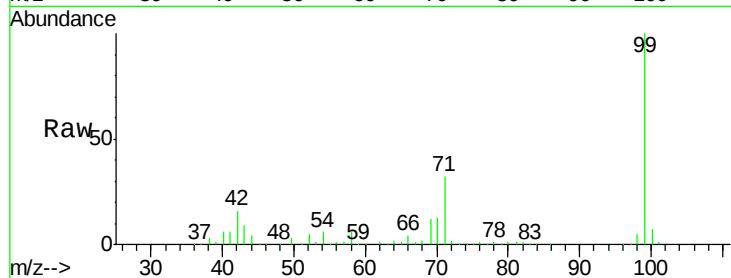
71 32.3 24.5 36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF095281.D

Acq: 20 May 2017 00:51

Tgt Ion: 136 Resp: 417310

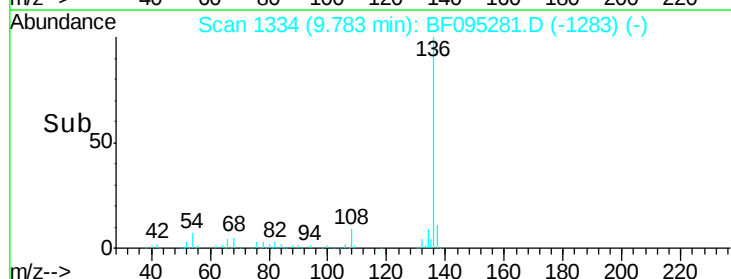
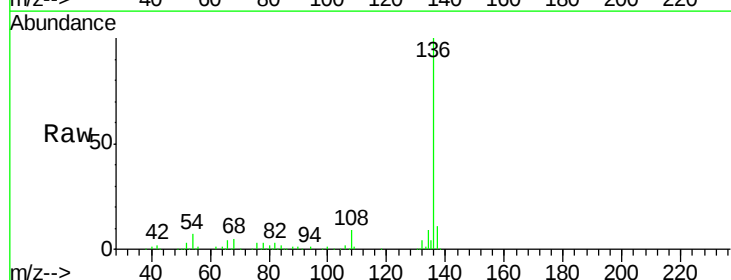
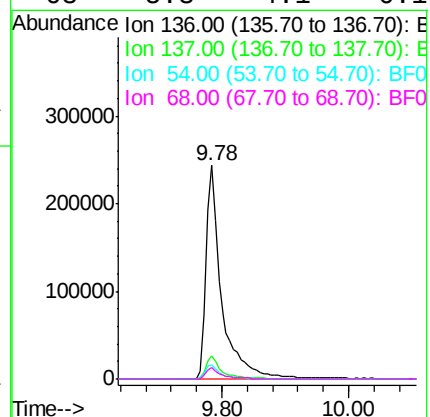
Ion Ratio Lower Upper

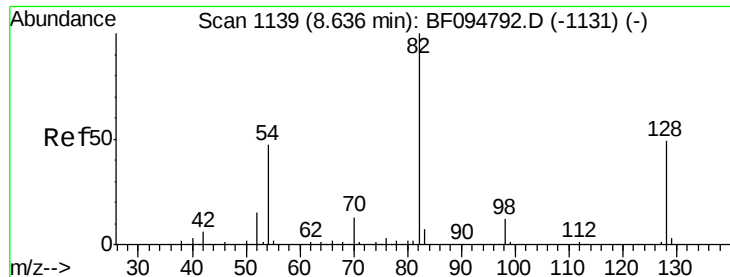
136 100

137 10.8 8.5 12.7

54 6.6 4.9 7.3

68 5.3 4.1 6.1





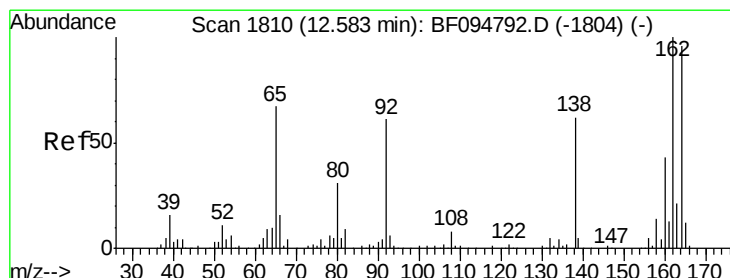
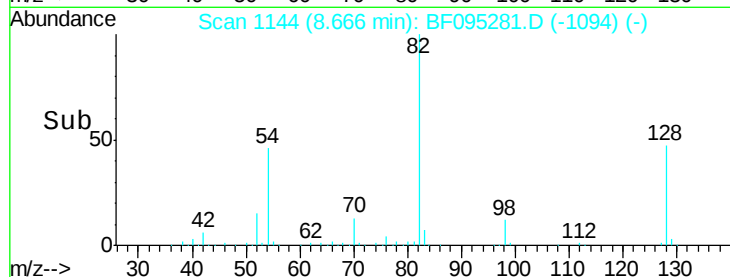
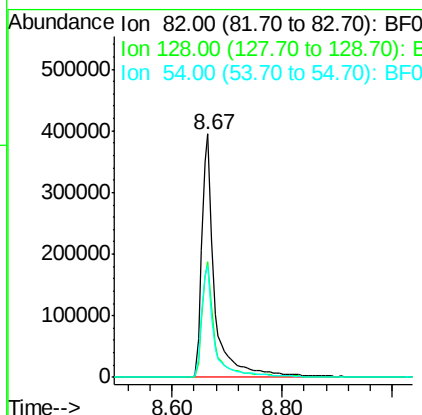
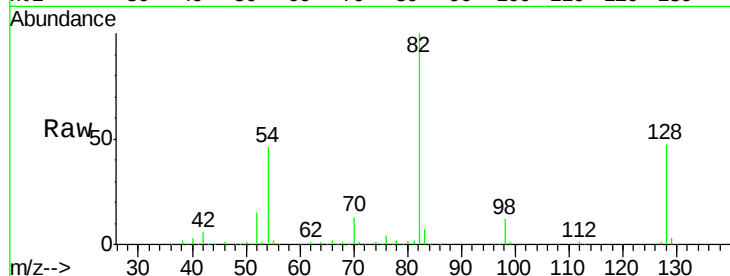
#23
Nitrobenzene-d5
Concen: 96.83 ng
RT: 8.67 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.0	51.0
54	45.8	42.2	63.2

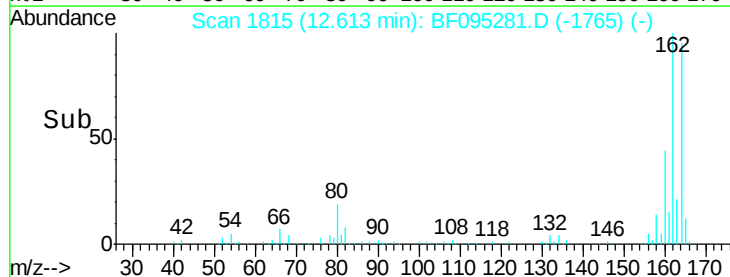
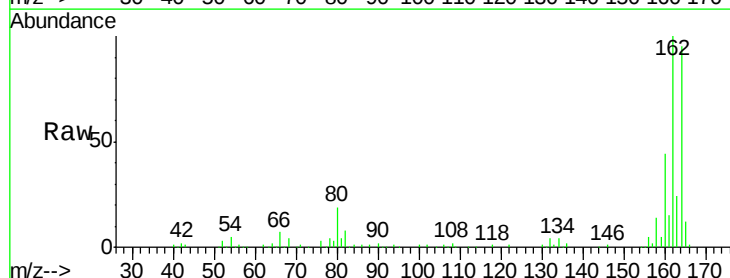
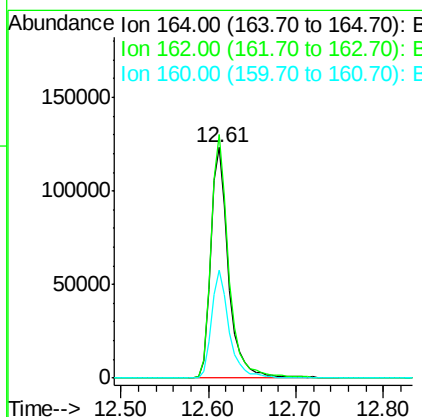
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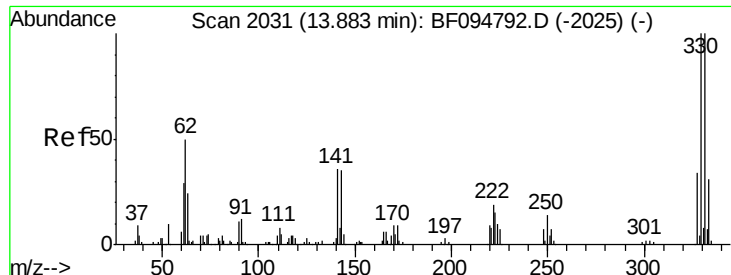
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF095281.D
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Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.6	123.8
160	46.9	36.2	54.2





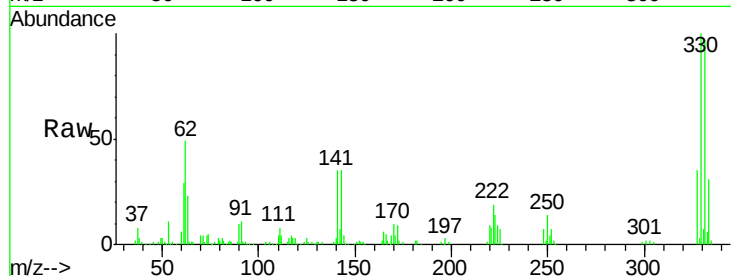
#41
 2,4,6-Tribromophenol
 Concen: 157.57 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095281.D
 Acq: 20 May 2017 00:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-1COMP

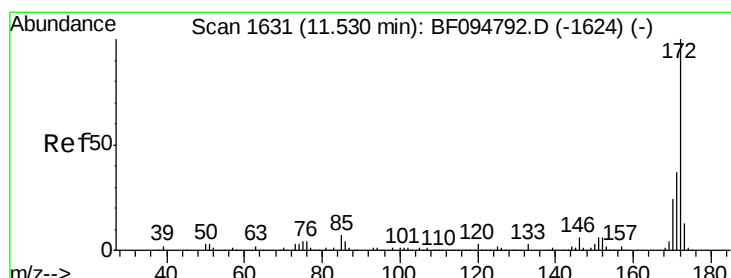
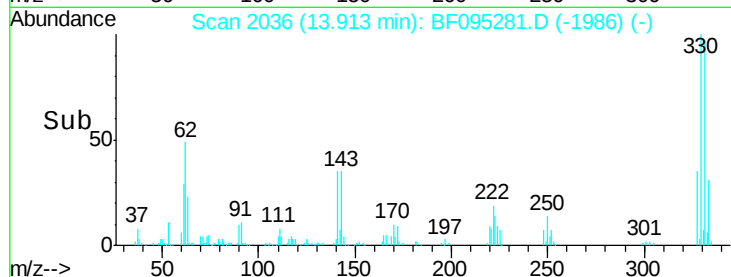
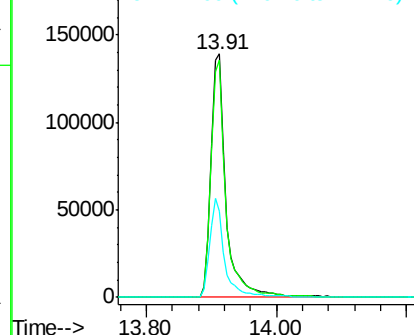
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	225102		
332	95.5	76.6	115.0	
141	39.9	31.4	47.2	

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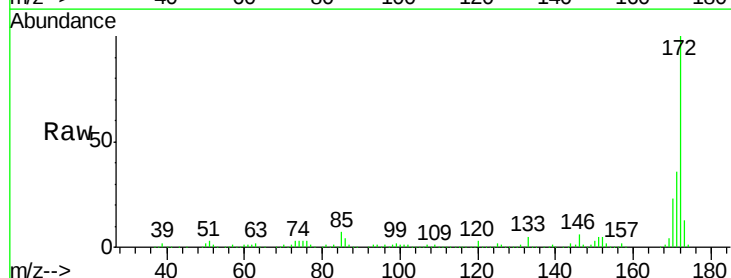


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

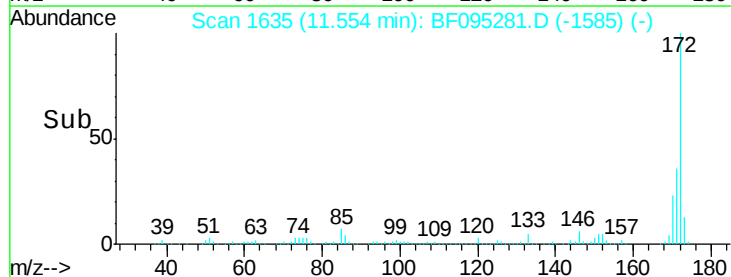
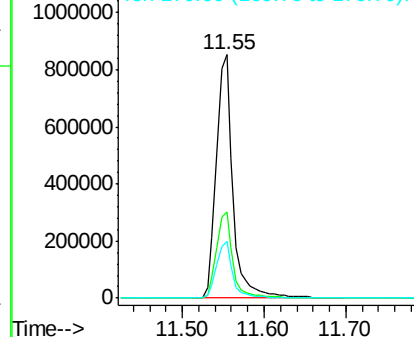


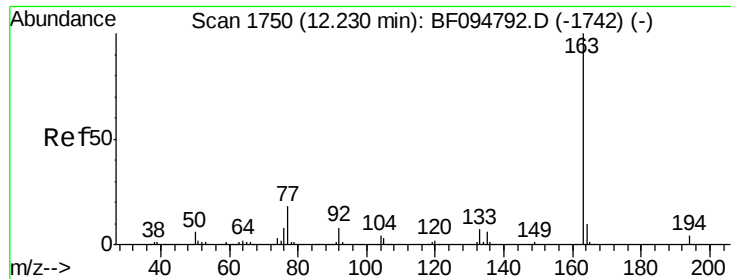
#44
 2-Fluorobiphenyl
 Concen: 100.20 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095281.D
 Acq: 20 May 2017 00:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1214326		
171	35.6	29.6	44.4	
170	23.5	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





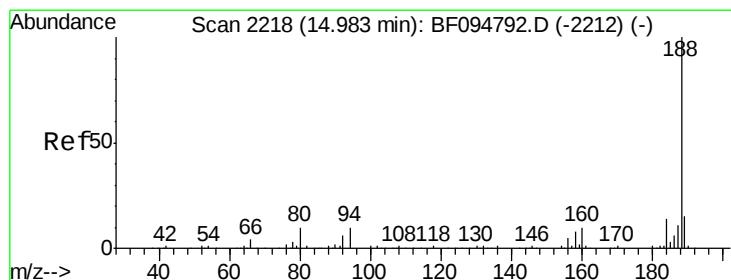
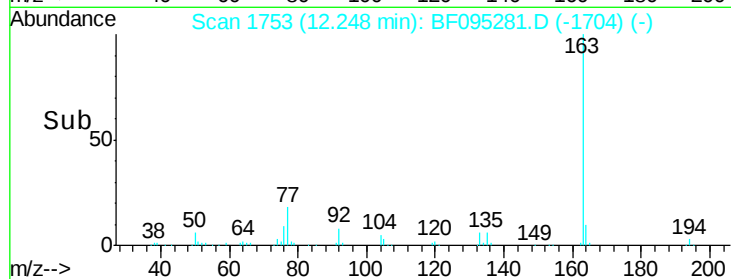
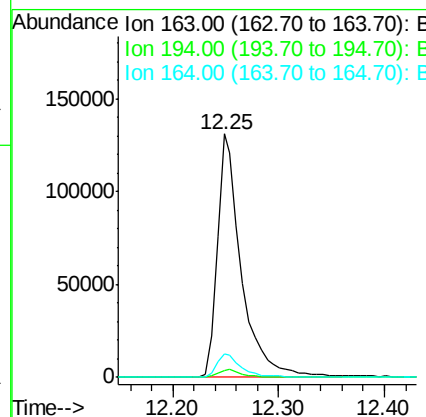
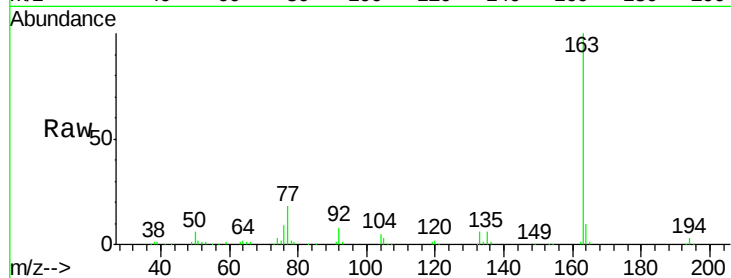
#49
Dimethylphthalate
Concen: 14.62 ng
RT: 12.25 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	209313		
194	2.9		2.6	4.0
164	9.8		8.4	12.6

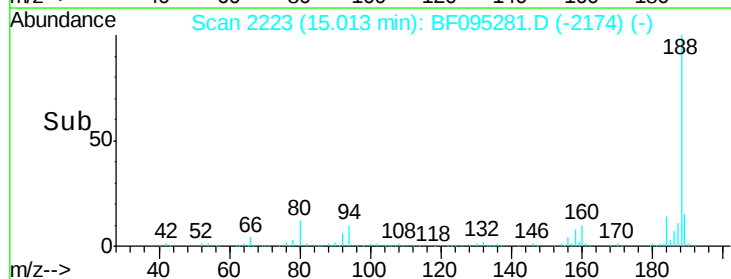
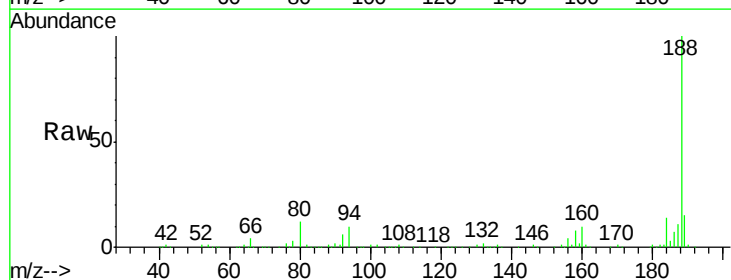
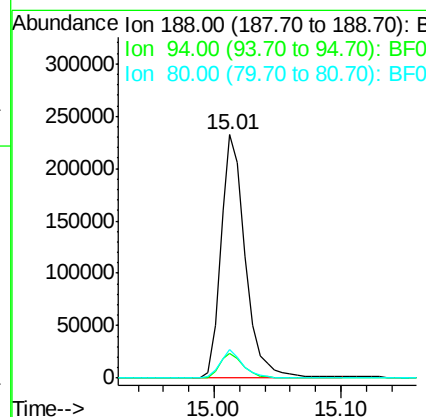
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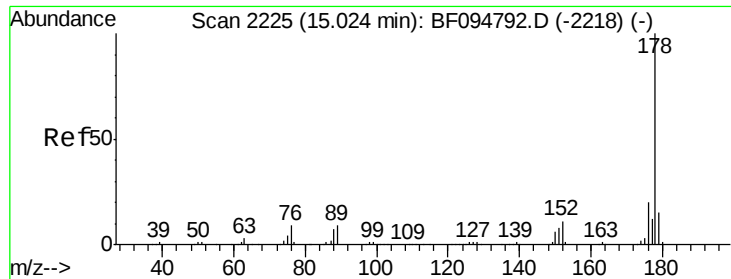
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	312972		
94	10.3		9.4	14.2
80	11.6		10.2	15.2





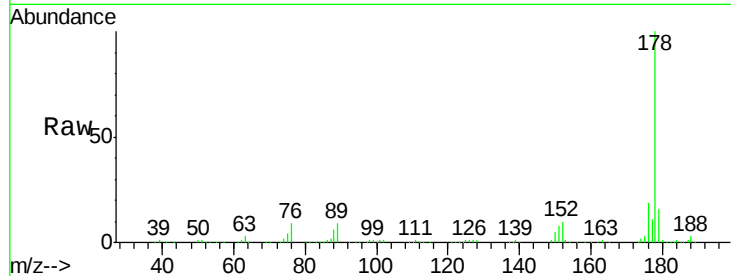
#70
 Phenanthrene
 Concen: 15.38 ng
 RT: 15.05 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BF095281.D
 Acq: 20 May 2017 00:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-1COMP

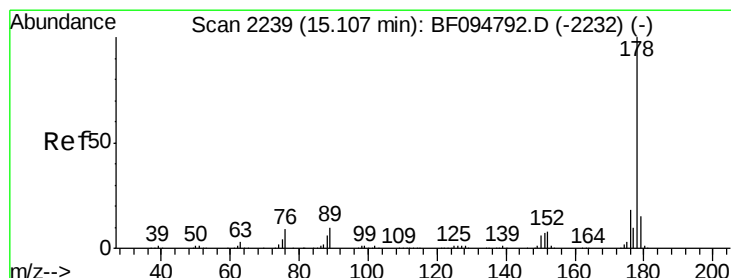
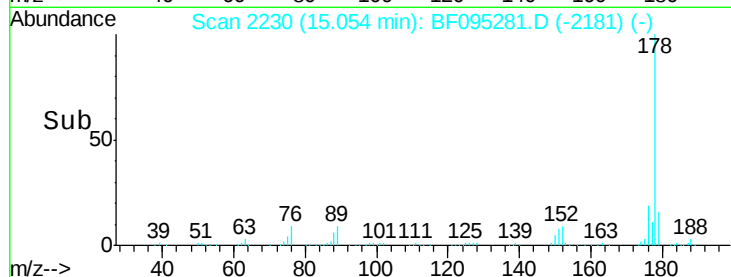
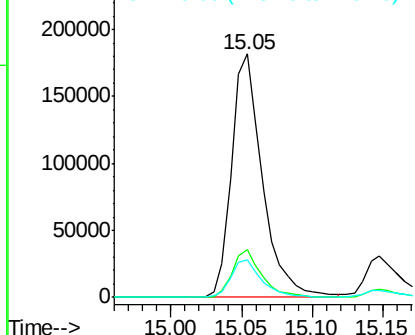
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.5	12.6	19.0

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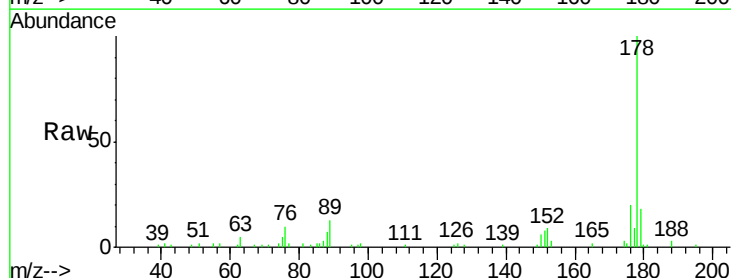


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

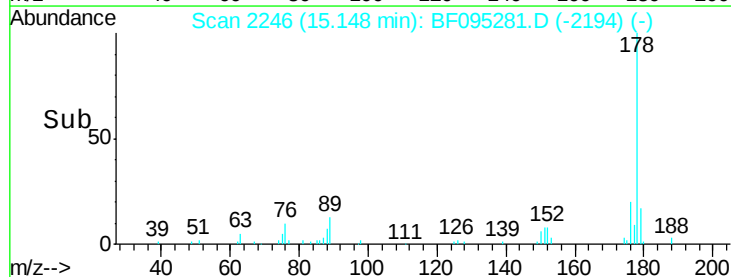
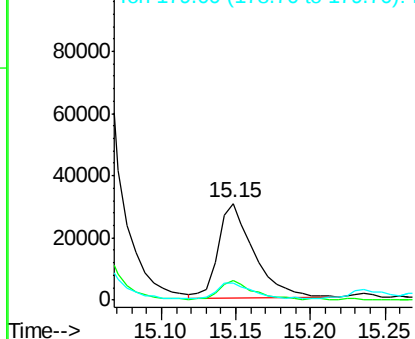


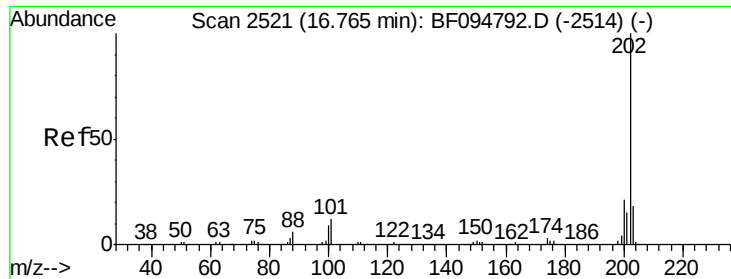
#71
 Anthracene
 Concen: 2.75 ng
 RT: 15.15 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF095281.D
 Acq: 20 May 2017 00:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	17.8	12.7	19.1



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: 19.85 ng

RT: 16.79 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF095281.D

Acq: 20 May 2017 00:51

Instrument :

BNA_F

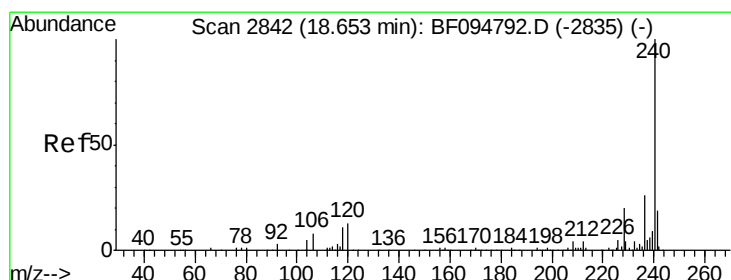
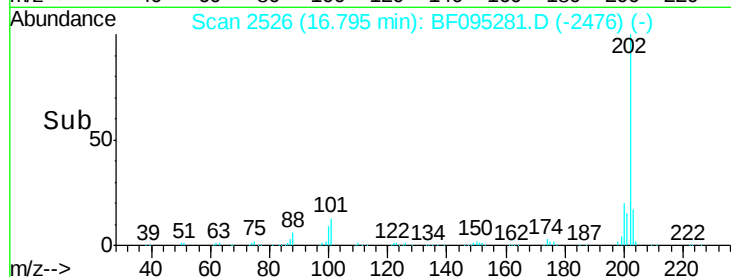
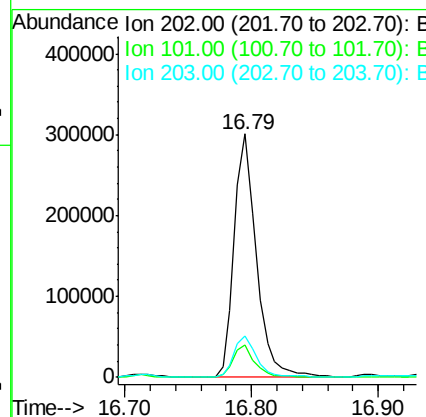
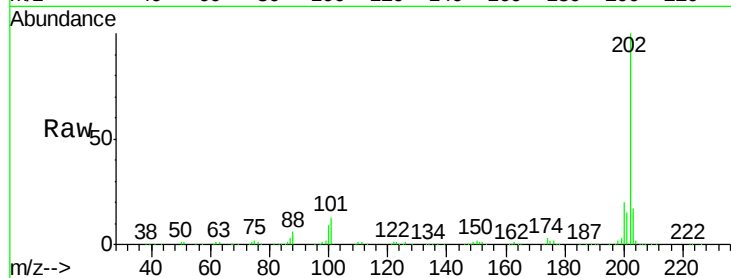
ClientSampleId :

SB-1COMP

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.1	0.0	33.2
203	16.8	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

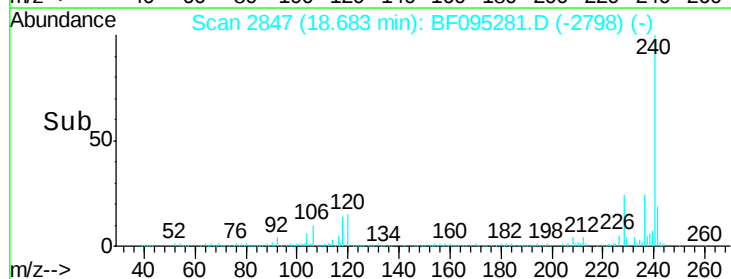
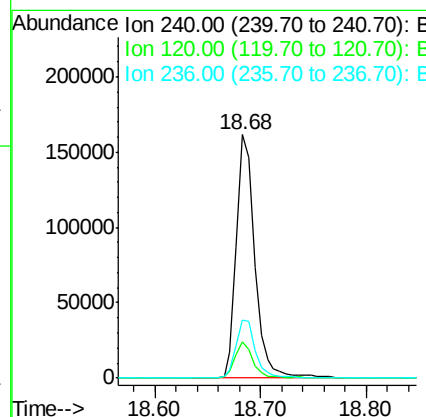
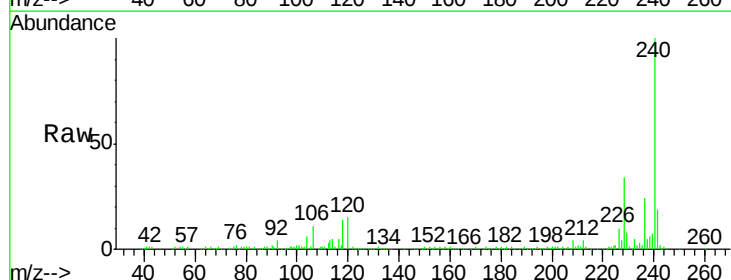
RT: 18.68 min Scan# 2847

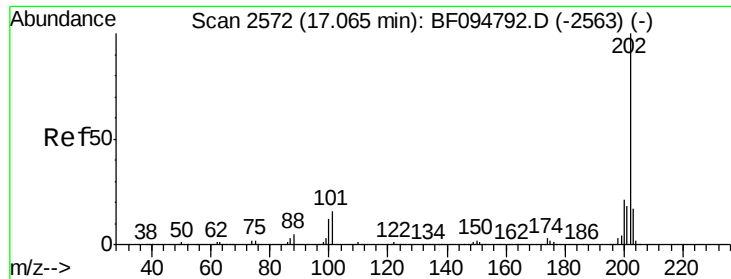
Delta R.T. -0.01 min

Lab File: BF095281.D

Acq: 20 May 2017 00:51

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	24.1	20.5	30.7





#77

Pyrene

Concen: 26.79 ng

RT: 17.09 min Scan# 2577

Delta R.T. -0.01 min

Lab File: BF095281.D

Acq: 20 May 2017 00:51

Instrument :

BNA_F

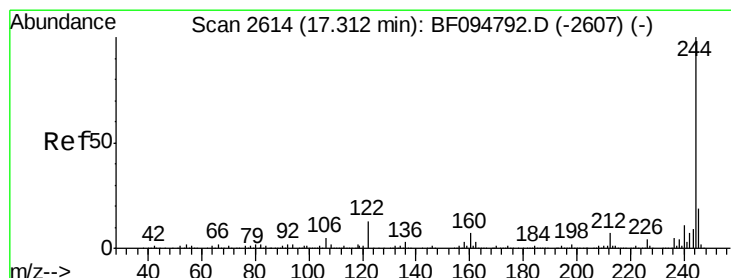
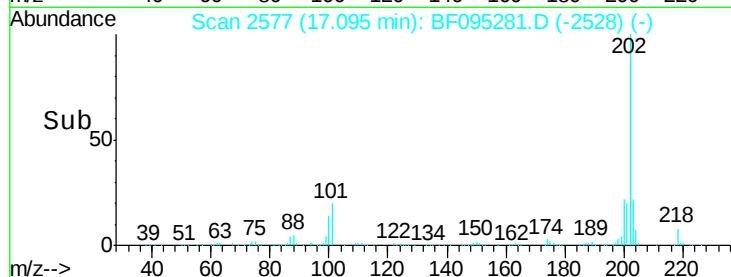
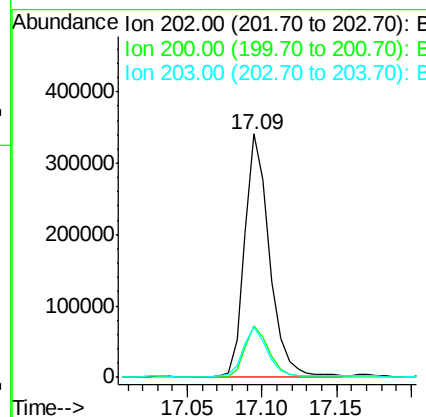
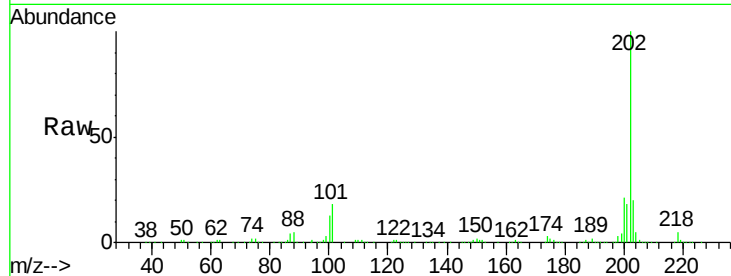
ClientSampleId :

SB-1COMP

Tgt Ion:	202	Resp:	390984
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.6	26.4
203	20.5	14.4	21.6

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#78

Terphenyl-d14

Concen: 91.39 ng

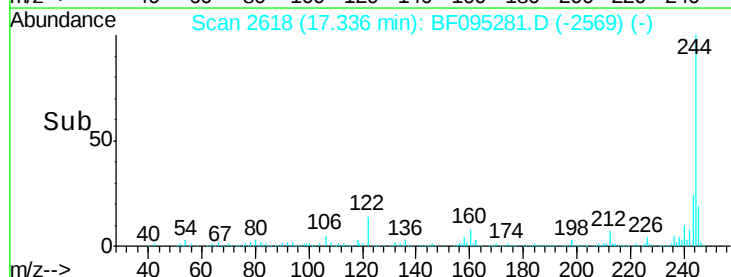
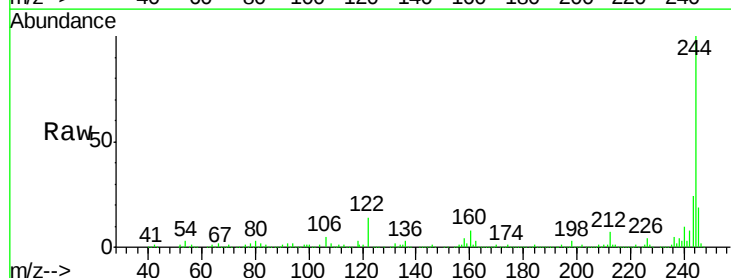
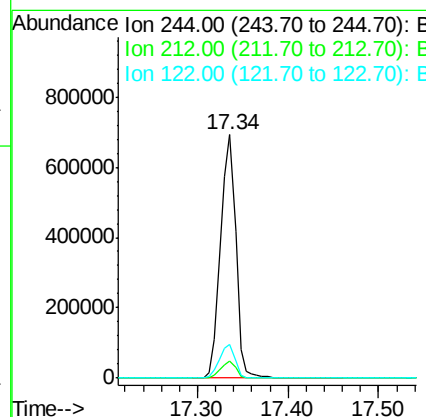
RT: 17.34 min Scan# 2618

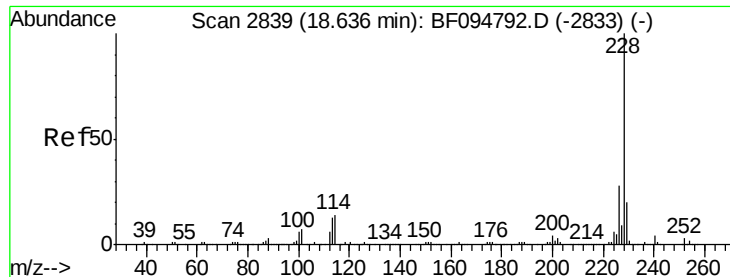
Delta R.T. -0.01 min

Lab File: BF095281.D

Acq: 20 May 2017 00:51

Tgt Ion:	244	Resp:	809675
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.0	9.0
122	13.7	10.3	15.5





#80

Benzo(a)anthracene

Concen: 11.93 ng

RT: 18.67 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BF095281.D

Acq: 20 May 2017 00:51

Instrument :

BNA_F

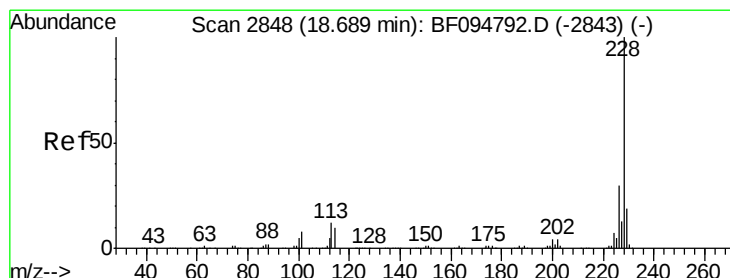
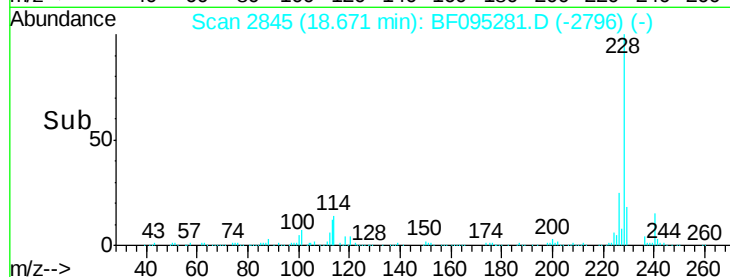
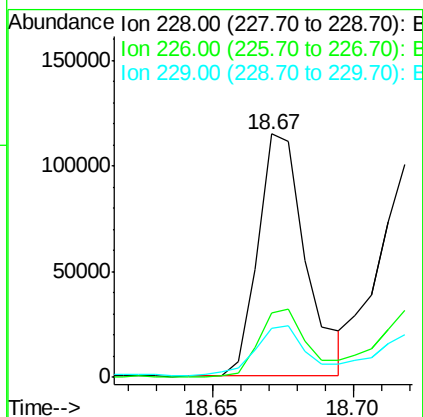
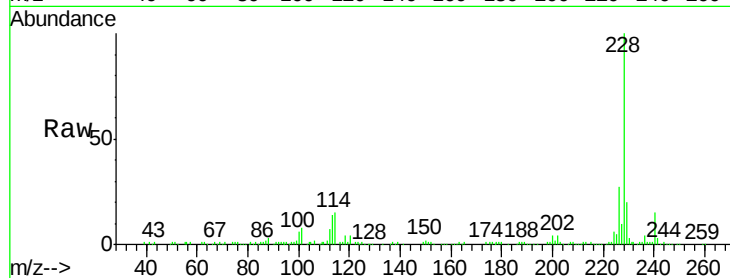
ClientSampleId :

SB-1COMP

Tgt Ion:	228	Resp:	135515
Ion Ratio	Lower	Upper	
228	100		
226	26.5	22.6	33.8
229	20.3	16.3	24.5

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#82

Chrysene

Concen: 13.61 ng

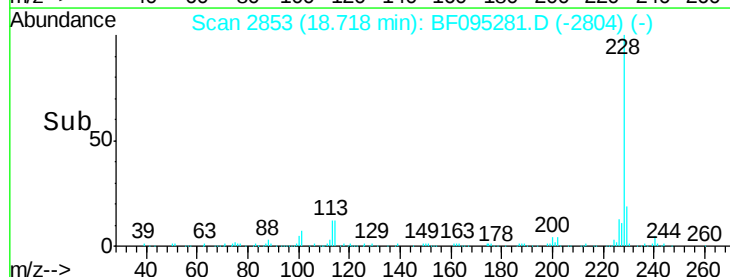
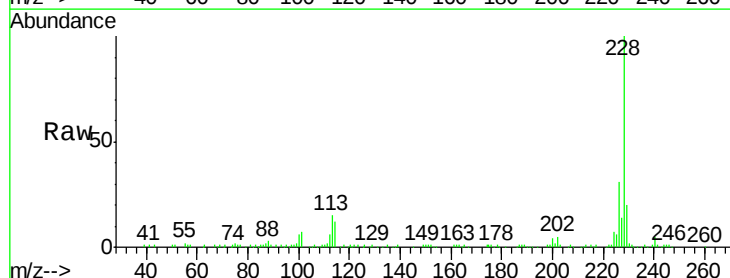
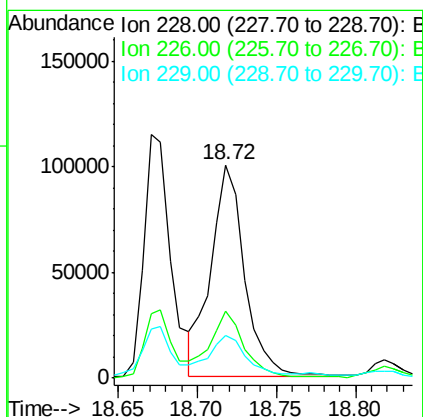
RT: 18.72 min Scan# 2853

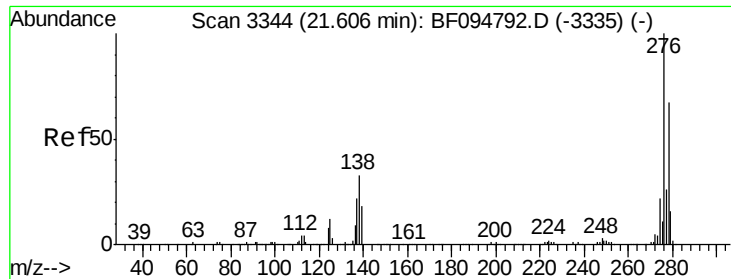
Delta R.T. -0.01 min

Lab File: BF095281.D

Acq: 20 May 2017 00:51

Tgt Ion:	228	Resp:	149421
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.9	37.3
229	20.0	15.8	23.6





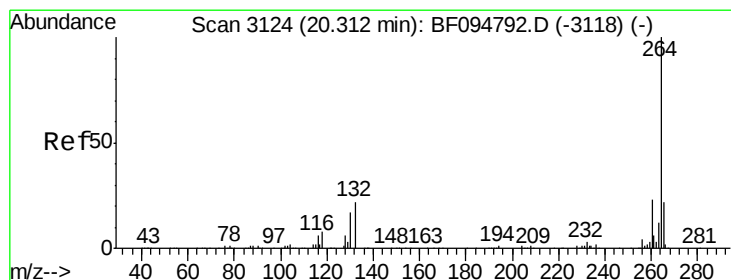
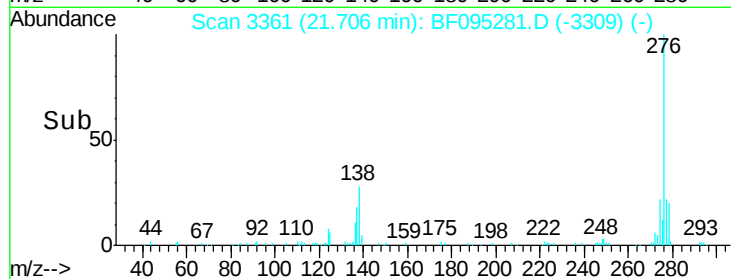
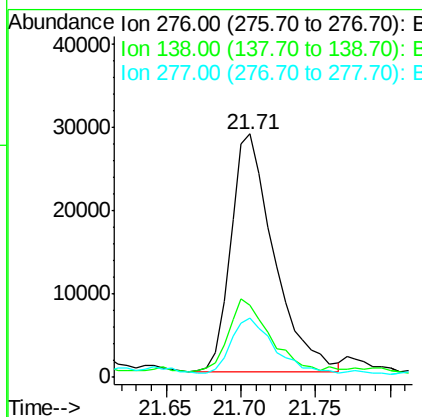
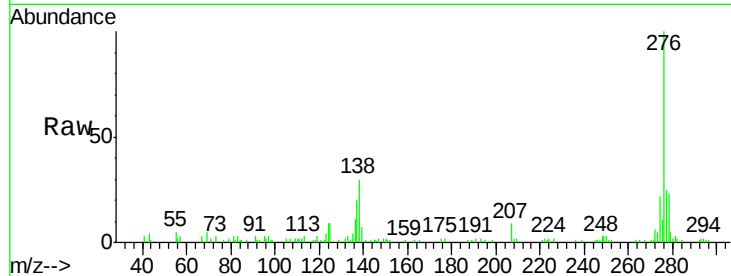
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 6.44 ng
 RT: 21.71 min Scan# 3361
 Delta R.T. 0.01 min
 Lab File: BF095281.D
 Acq: 20 May 2017 00:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-1COMP

Tgt Ion:	276	Resp:	57420
Ion Ratio	Lower	Upper	
276	100		
138	29.6	27.8	41.6
277	24.1	20.2	30.4

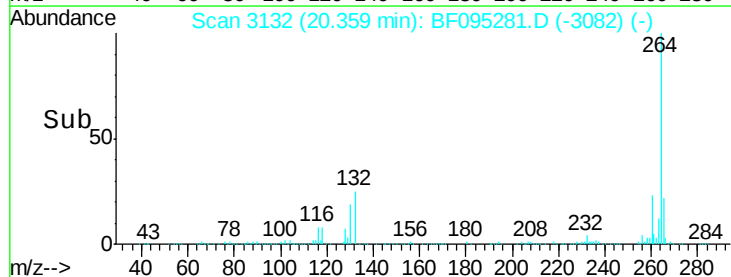
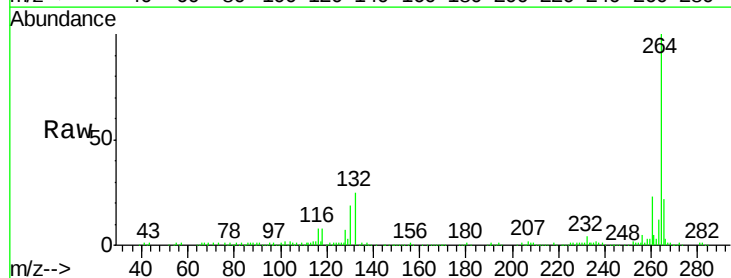
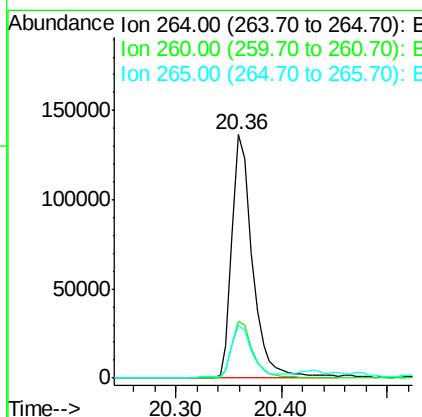
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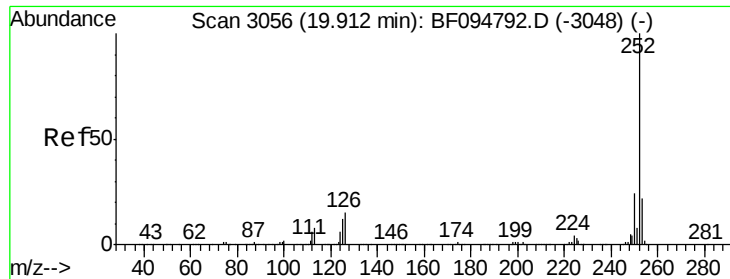
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095281.D
 Acq: 20 May 2017 00:51

Tgt Ion:	264	Resp:	184954
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.5	29.3
265	21.7	17.2	25.8





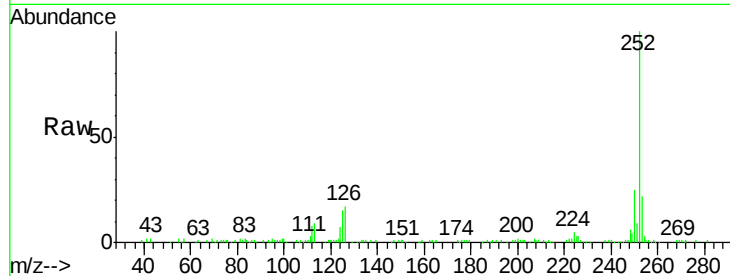
#87
Benzo(b)fluoranthene
Concen: 11.23 ng m
RT: 19.96 min Scan# 3064
Delta R.T. 0.00 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Instrument :
BNA_F
ClientSampleId :
SB-1COMP

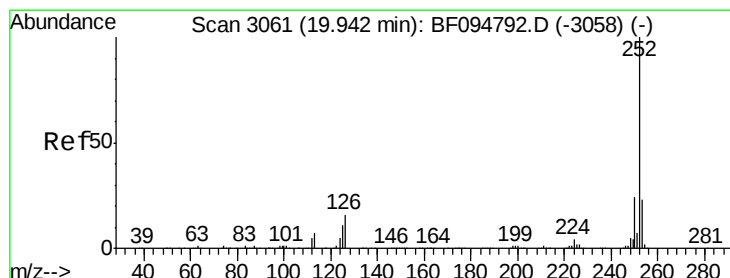
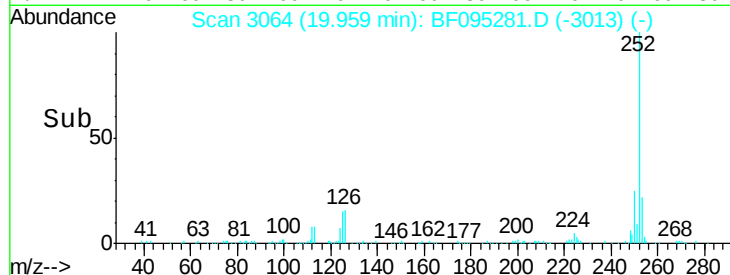
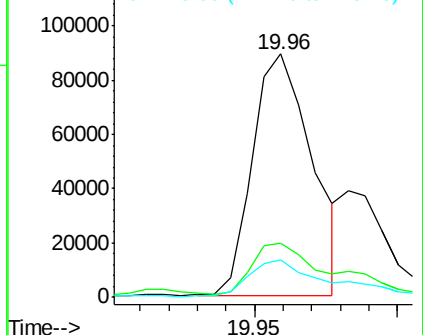
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	15.3	9.8	14.8

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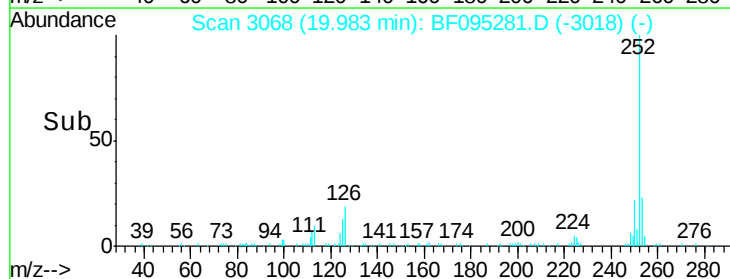
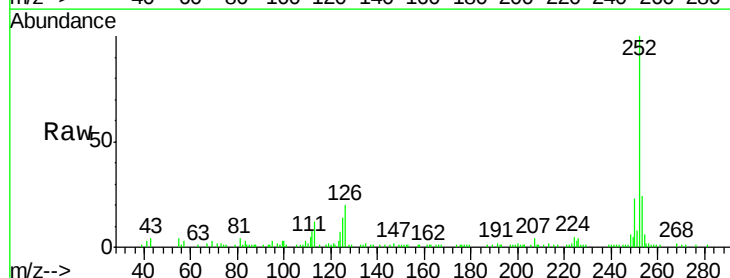
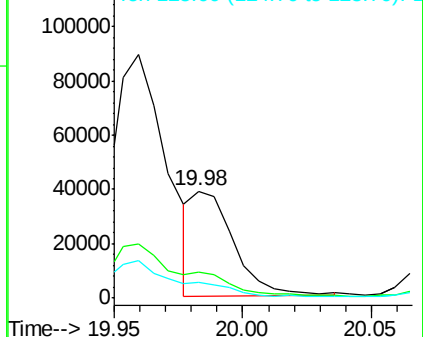
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

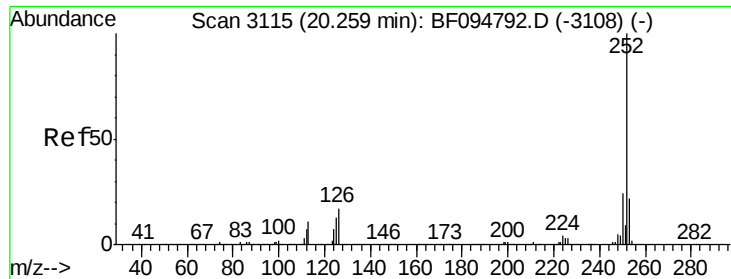


#88
Benzo(k)fluoranthene
Concen: 3.91 ng m
RT: 19.98 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	14.3	13.1	19.7

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: 10.11 ng

RT: 20.31 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BF095281.D

Acq: 20 May 2017 00:51

Instrument :

BNA_F

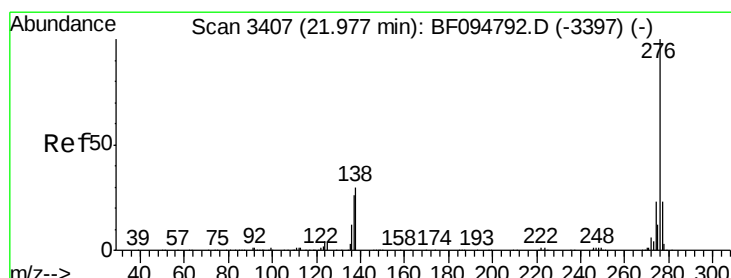
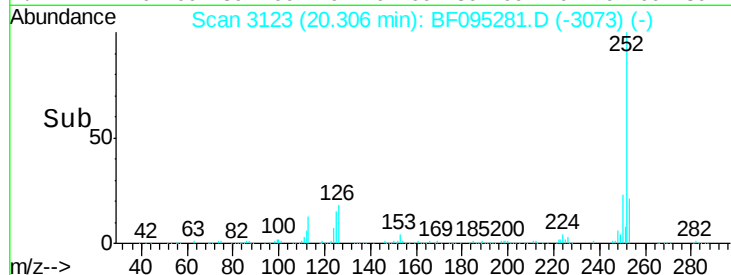
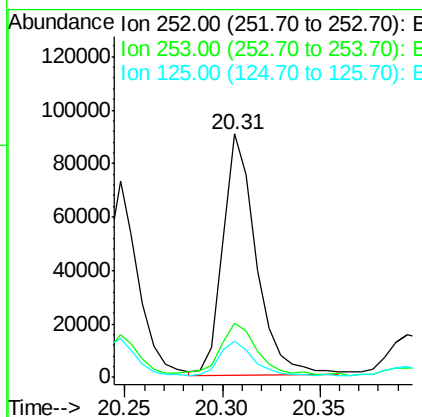
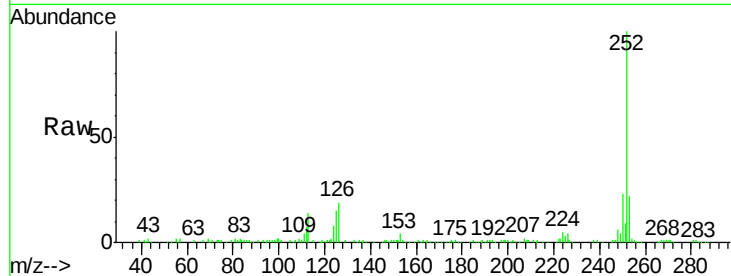
ClientSampleId :

SB-1COMP

Tgt Ion:	252	Resp:	106574
Ion Ratio		Lower	Upper
252	100		
253	22.5	17.5	26.3
125	14.9	11.0	16.4

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 7.32 ng

RT: 22.09 min Scan# 3426

Delta R.T. 0.01 min

Lab File: BF095281.D

Acq: 20 May 2017 00:51

Tgt Ion:	276	Resp:	62595
Ion Ratio		Lower	Upper
276	100		
277	25.8	18.6	28.0
138	31.2	25.4	38.0

