

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
 Data File : BF095279.D
 Acq On : 19 May 2017 23:47
 Operator : SJ/MA
 Sample : I3202-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6COMP

Manual Integrations
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Quant Time: May 20 02:15:14 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	94571	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	343663	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	191492	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	344225	20.00	ng	0.00
75) Chrysene-d12	18.69	240	226517	20.00	ng	0.00
86) Perylene-d12	20.36	264	164843	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	581080	102.44	ng	0.00
7) Phenol-d6	7.30	99	709848	104.30	ng	-0.01
23) Nitrobenzene-d5	8.66	82	432531	79.36	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	174587	111.33	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	824615	61.98	ng	0.00
78) Terphenyl-d14	17.34	244	734978	71.47	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	12.25	163	139975	8.90	ng	99
70) Phenanthrene	15.05	178	145842	7.37	ng	98
74) Fluoranthene	16.80	202	196591	9.69	ng	97
77) Pyrene	17.10	202	199156	11.76	ng	96
80) Benzo(a)anthracene	18.68	228	73572	5.58	ng	99
82) Chrysene	18.72	228	79002m	6.20	ng	
85) Indeno(1,2,3-cd)pyrene	21.72	276	39919	3.86	ng	# 89
87) Benzo(b)fluoranthene	19.96	252	72122m	7.08	ng	
88) Benzo(k)fluoranthene	19.99	252	30148m	3.07	ng	
89) Benzo(a)pyrene	20.31	252	65288	6.95	ng	99
91) Benzo(g,h,i)perylene	22.11	276	40322	5.29	ng	95

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

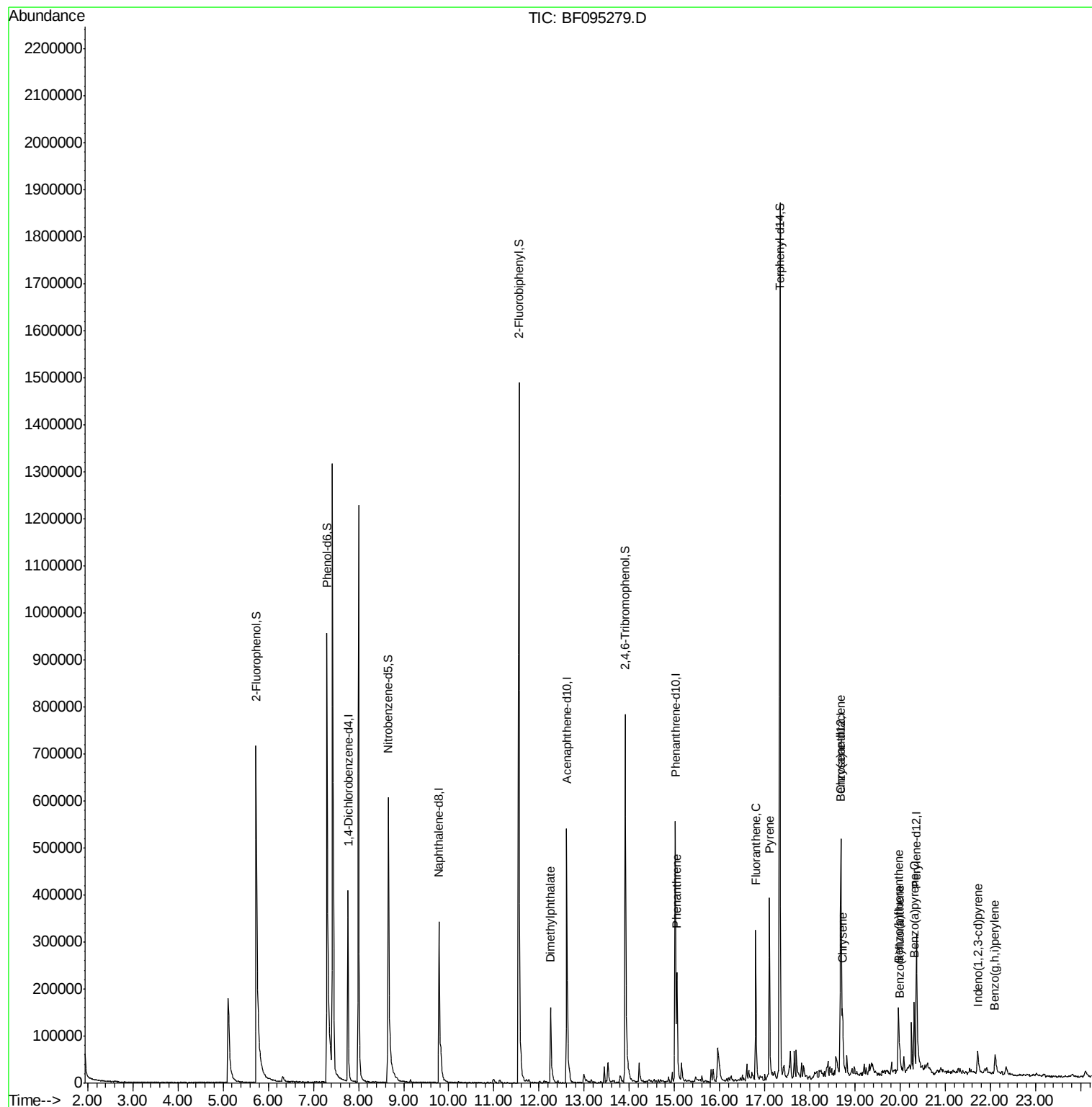
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
Data File : BF095279.D
Acq On : 19 May 2017 23:47
Operator : SJ/MA
Sample : I3202-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

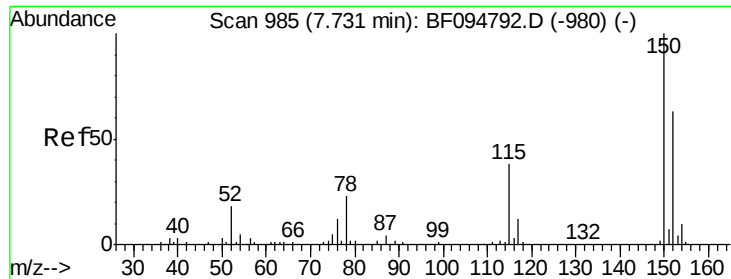
Instrument :
BNA_F
ClientSampleId :
SB-6COMP

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#1

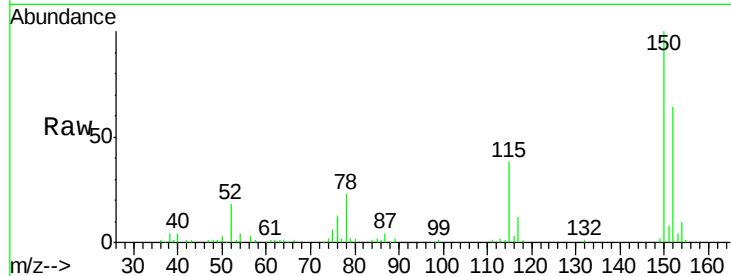
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Instrument :
BNA_F
ClientSampleId :
SB-6COMP

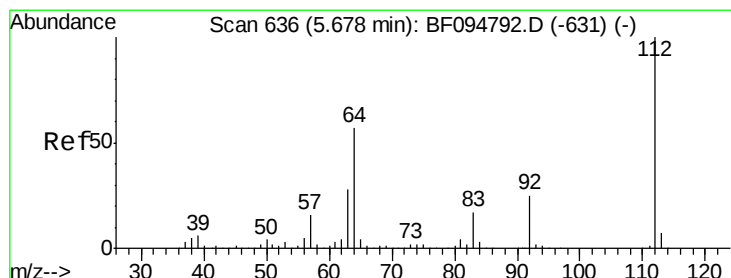
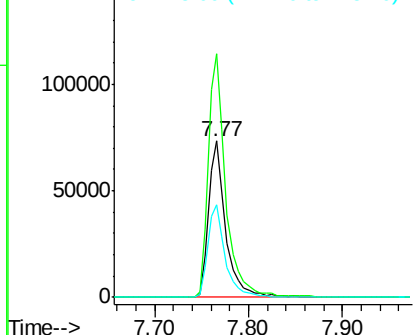
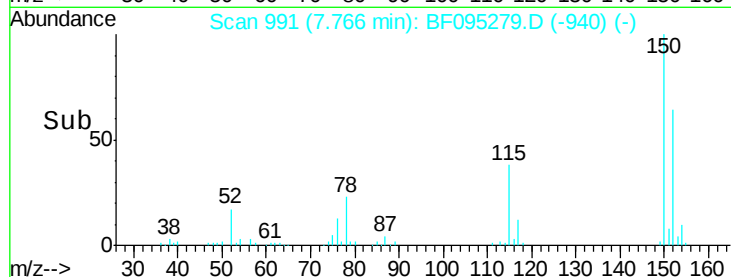
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.2	189.2
115	59.3	52.2	78.2

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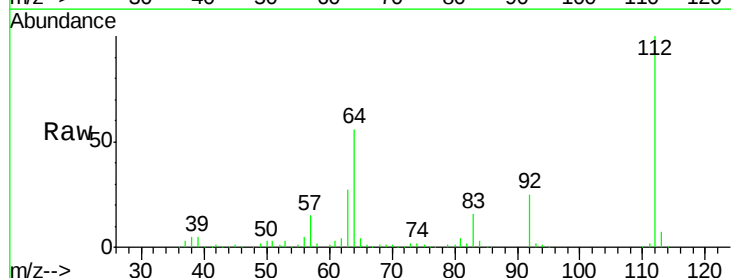
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



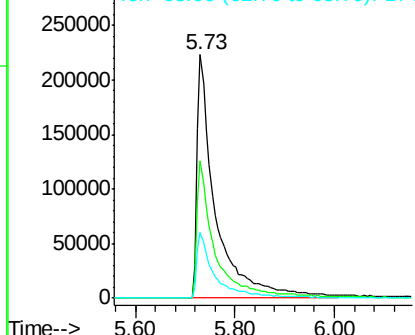
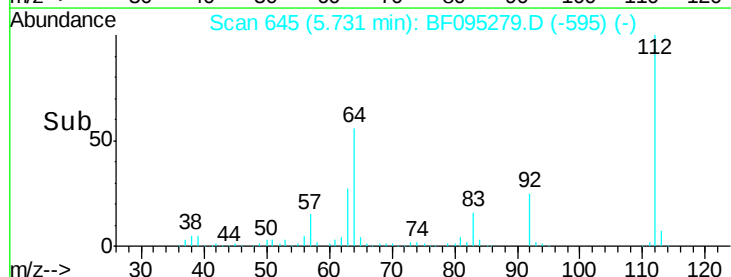
#5

2-Fluorophenol
Concen: 102.44 ng
RT: 5.73 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.0	69.0
63	26.9	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: 104.30 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095279.D

Acq: 19 May 2017 23:47

Instrument :

BNA_F

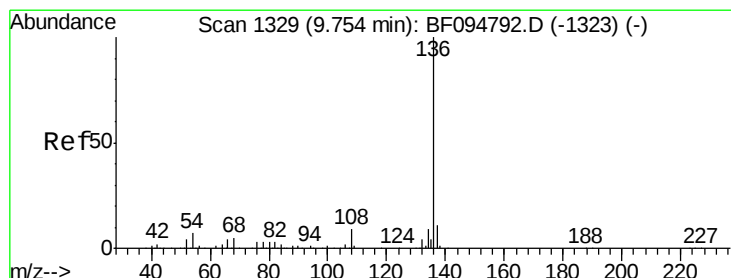
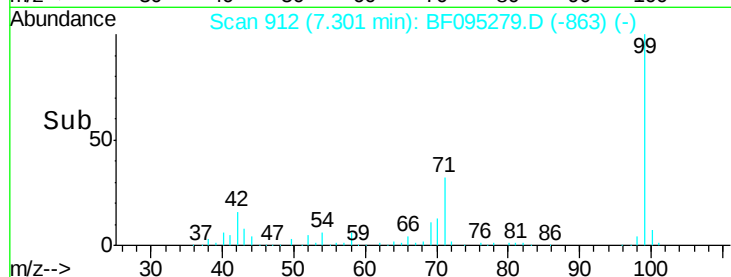
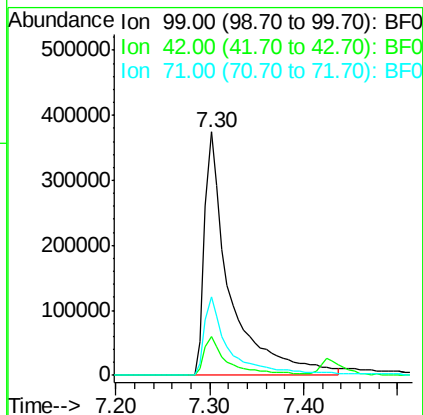
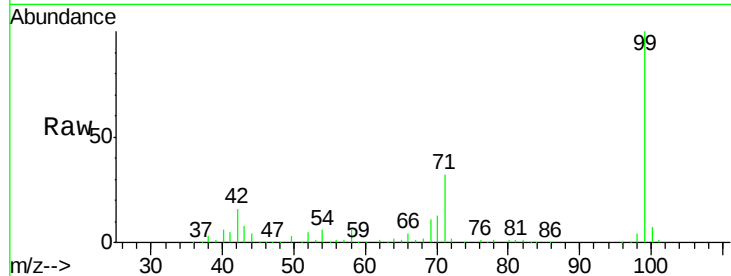
ClientSampleId :

SB-6COMP

Tgt Ion:	99	Resp:	709848
Ion Ratio	Lower	Upper	
99	100		
42	15.7	13.5	20.3
71	32.1	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

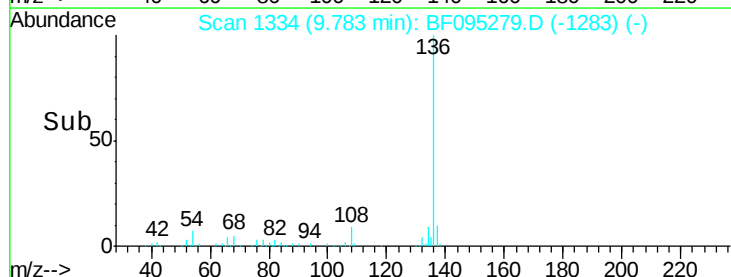
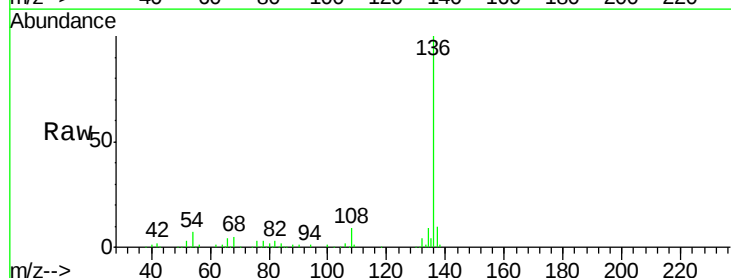
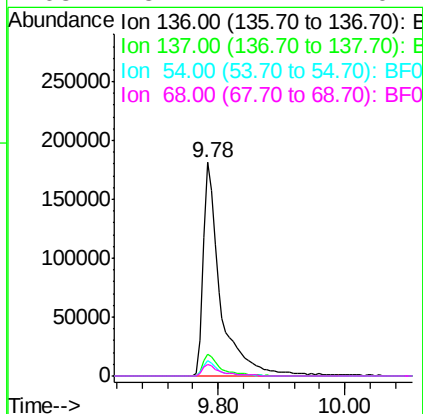
RT: 9.78 min Scan# 1334

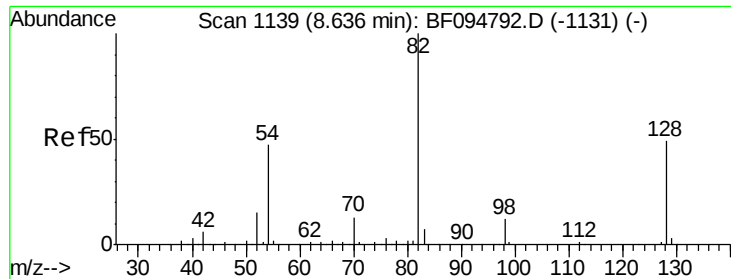
Delta R.T. -0.00 min

Lab File: BF095279.D

Acq: 19 May 2017 23:47

Tgt Ion:	136	Resp:	343663
Ion Ratio	Lower	Upper	
136	100		
137	10.1	8.5	12.7
54	6.9	4.9	7.3
68	5.4	4.1	6.1





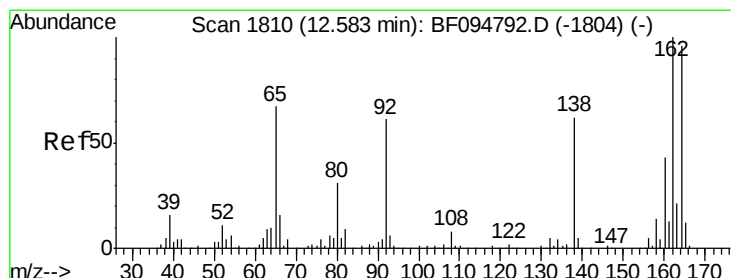
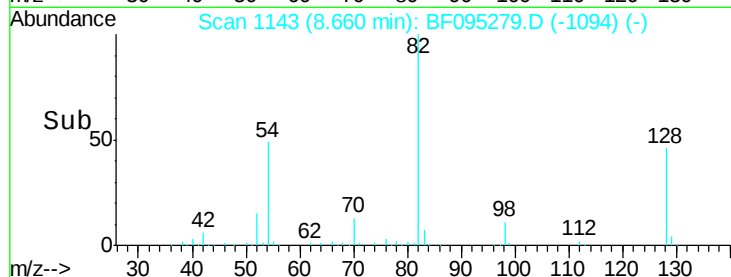
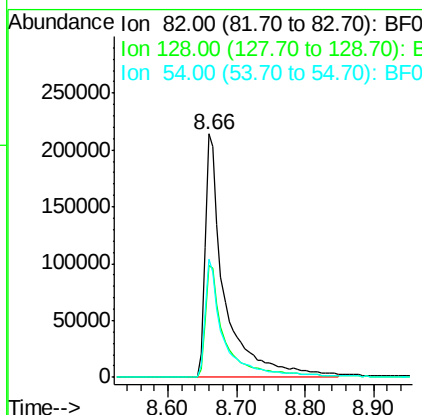
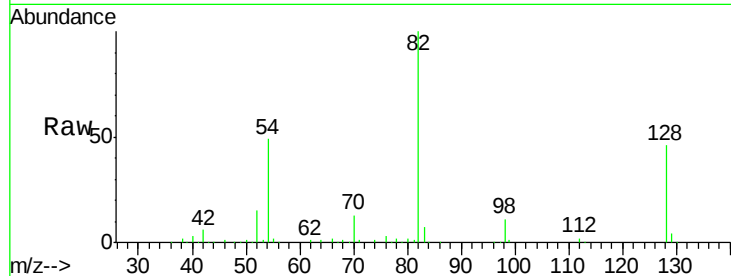
#23
 Nitrobenzene-d5
 Concen: 79.36 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF095279.D
 Acq: 19 May 2017 23:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-6COMP

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	432531		
128	45.9	34.0	51.0	
54	48.7	42.2	63.2	

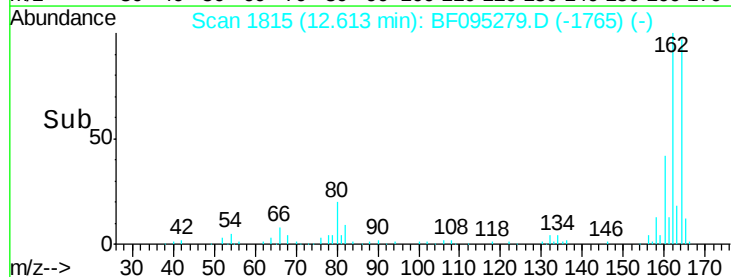
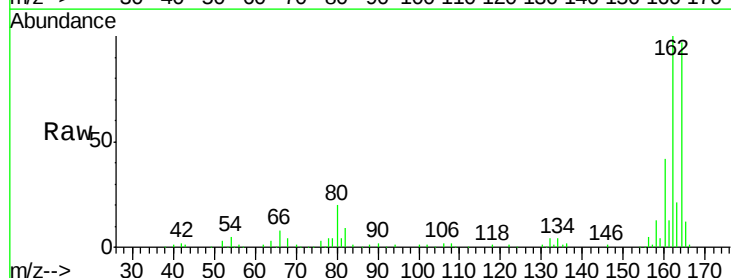
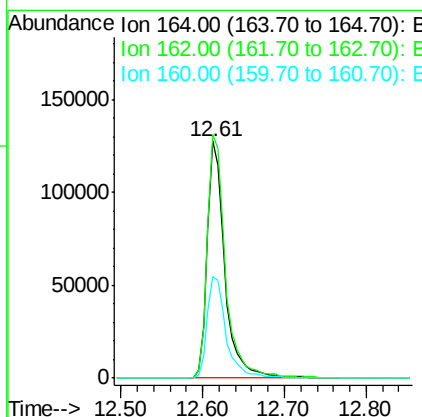
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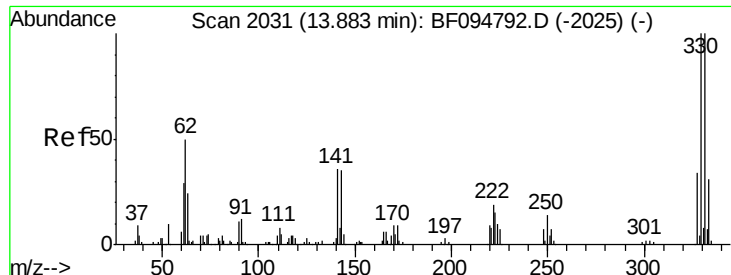
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF095279.D
 Acq: 19 May 2017 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	191492		
162	102.8	82.6	123.8	
160	43.1	36.2	54.2	





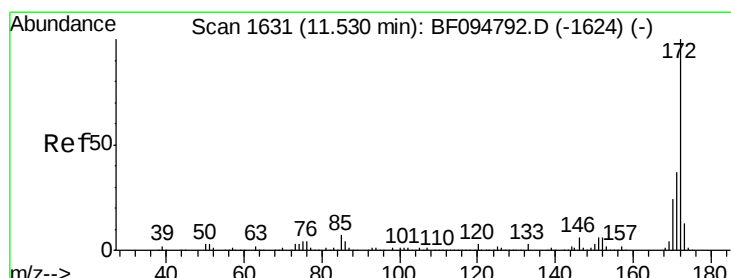
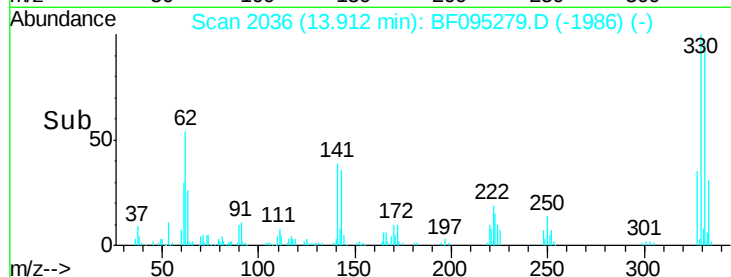
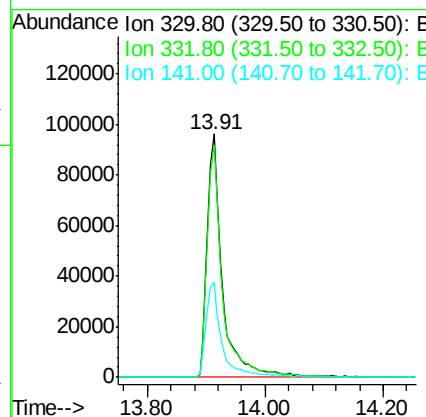
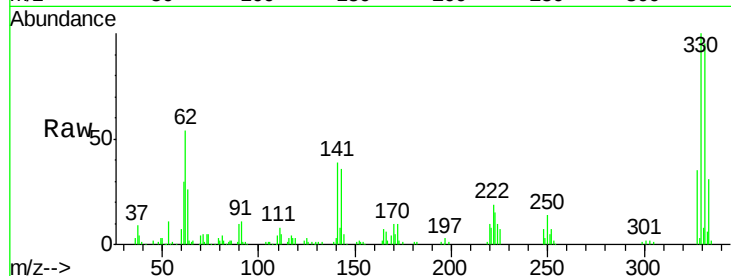
#41
 2,4,6-Tribromophenol
 Concen: 111.33 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095279.D
 Acq: 19 May 2017 23:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-6COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	39.7	31.4	47.2

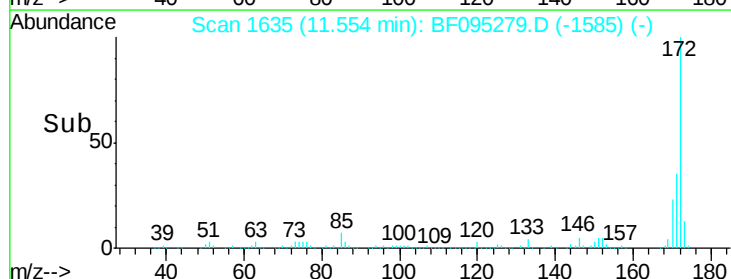
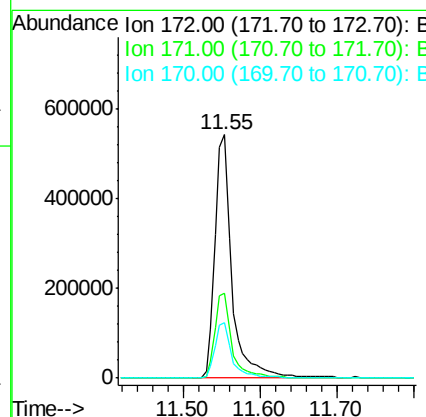
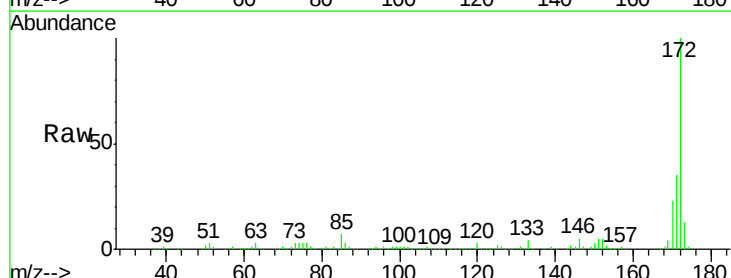
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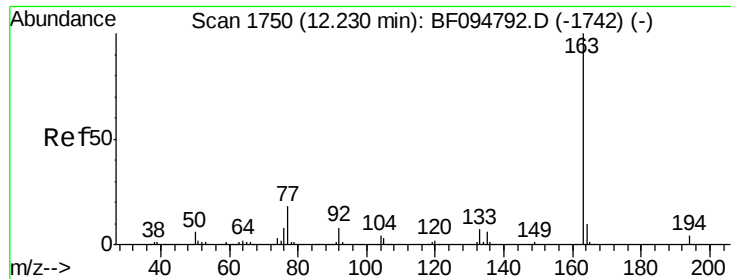
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#44
 2-Fluorobiphenyl
 Concen: 61.98 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095279.D
 Acq: 19 May 2017 23:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	22.9	19.8	29.8





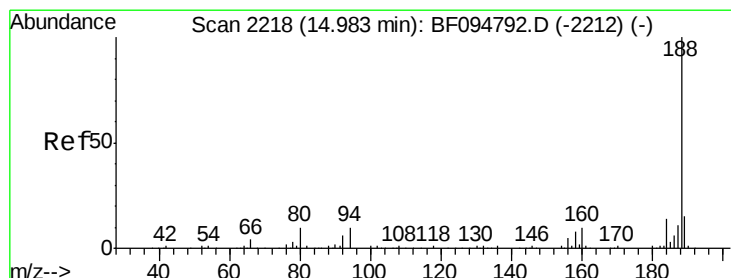
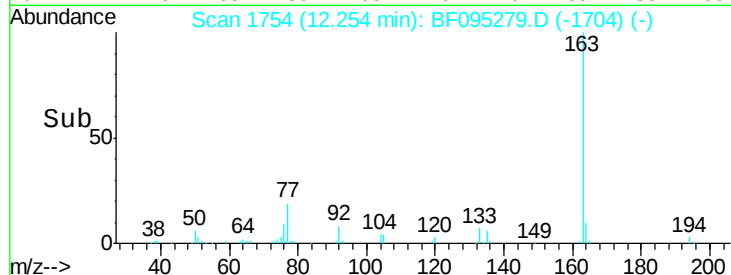
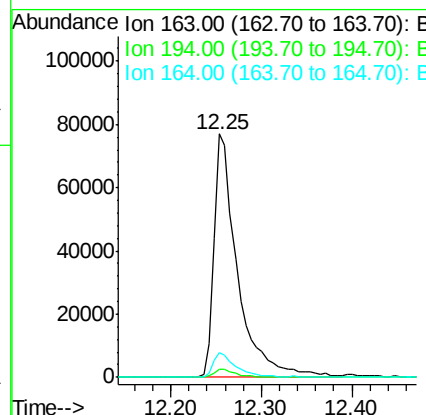
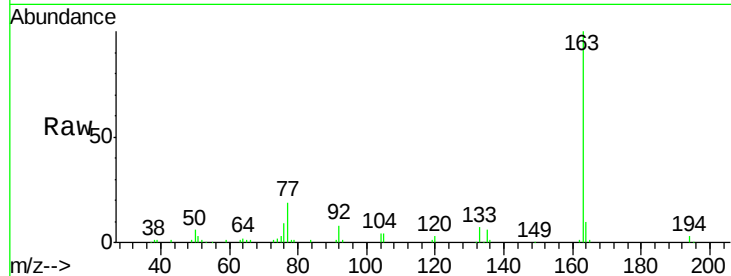
#49
Dimethylphthalate
Concen: 8.90 ng
RT: 12.25 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Instrument :
BNA_F
ClientSampled :
SB-6COMP

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	139975		
194	3.4	2.6	4.0	
164	10.0	8.4	12.6	

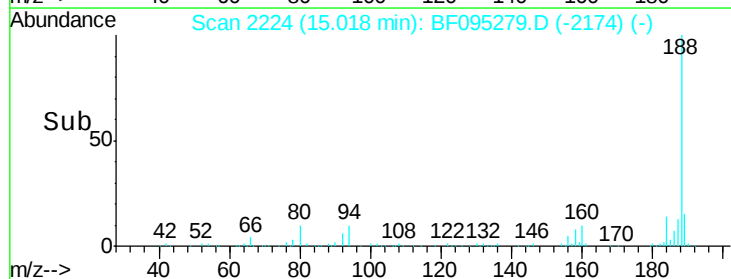
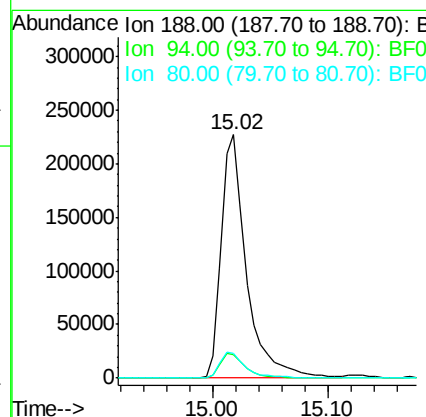
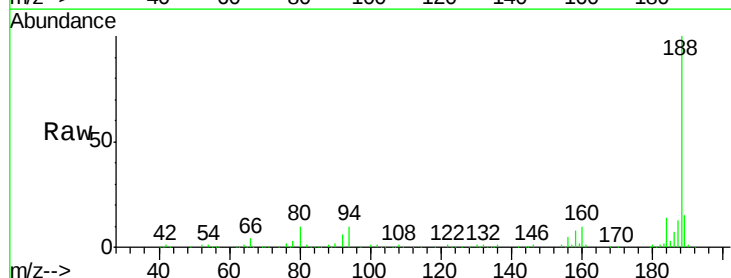
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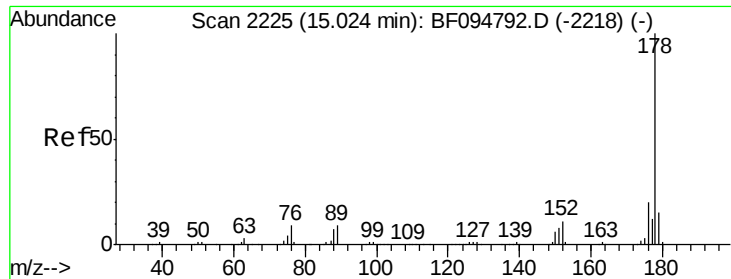
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	344225		
94	9.9	9.4	14.2	
80	9.9	10.2	15.2#	





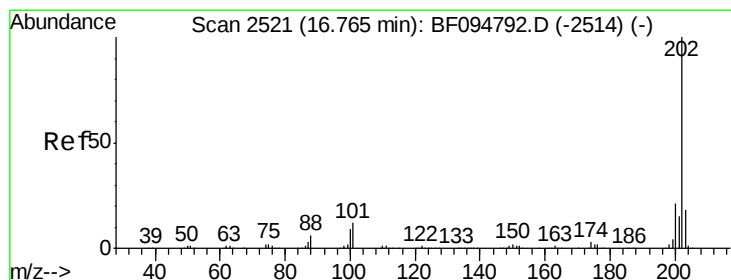
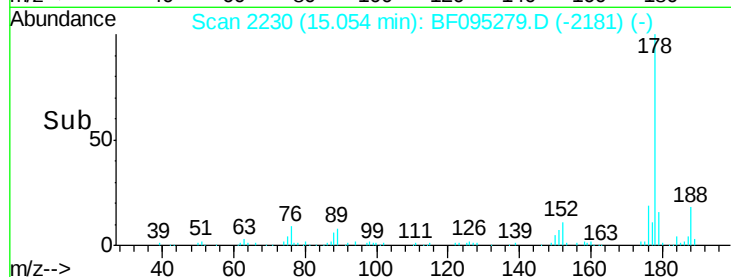
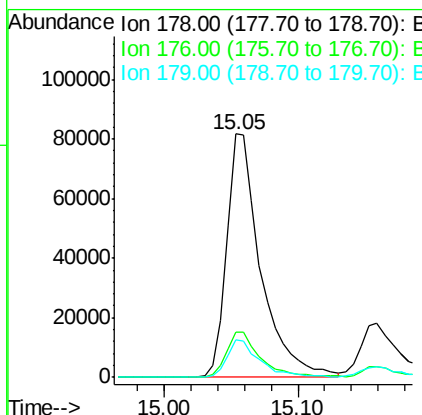
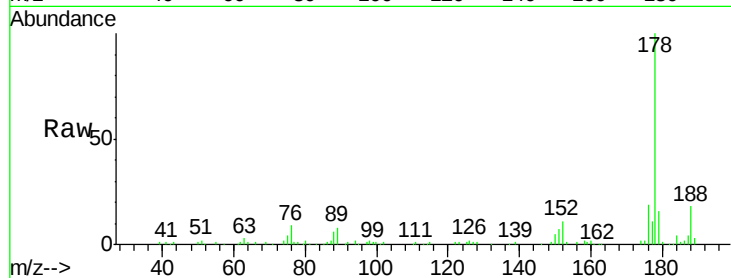
#70
Phenanthrene
Concen: 7.37 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Instrument :
BNA_F
ClientSampled :
SB-6COMP

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.4
179	15.5	12.6	19.0

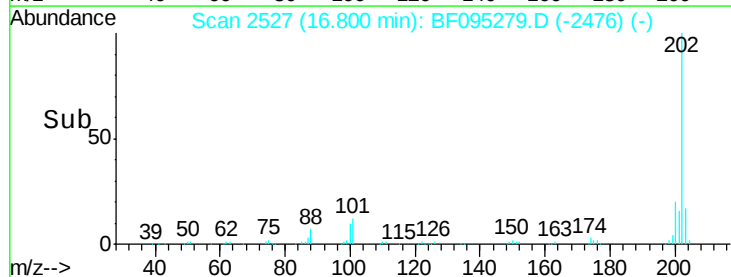
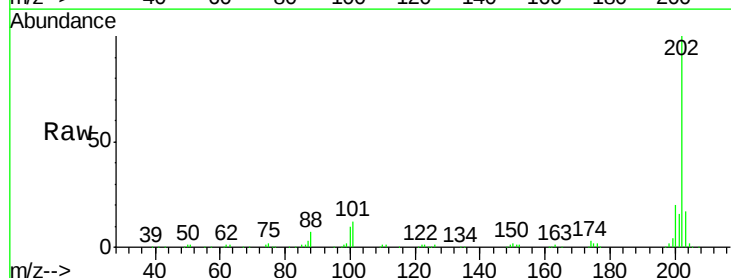
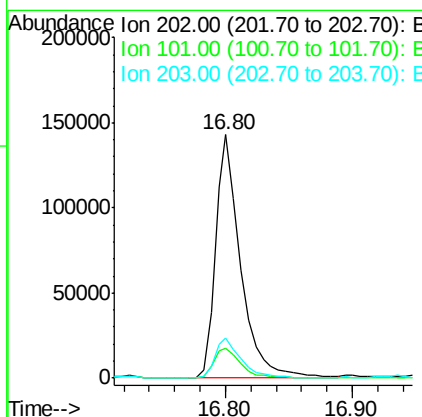
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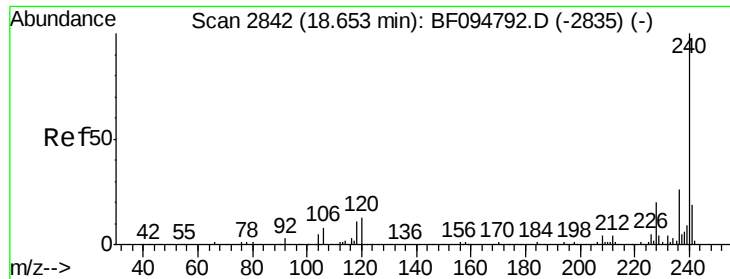
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#74
Fluoranthene
Concen: 9.69 ng
RT: 16.80 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	33.2
203	16.6	0.0	38.1





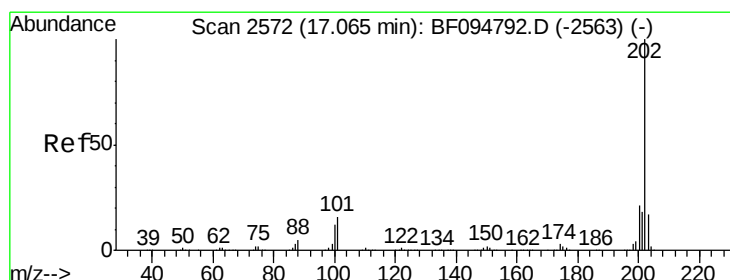
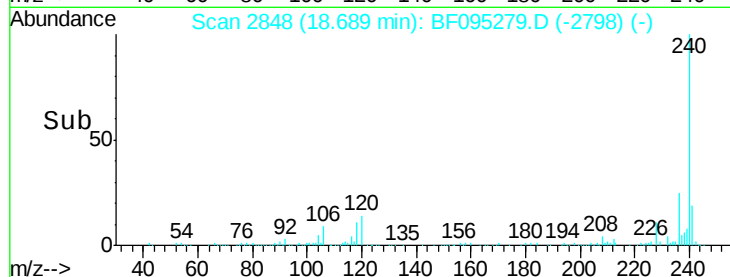
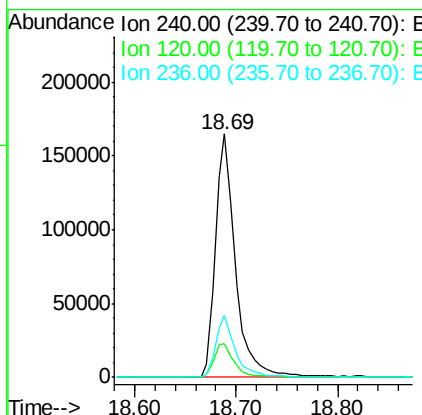
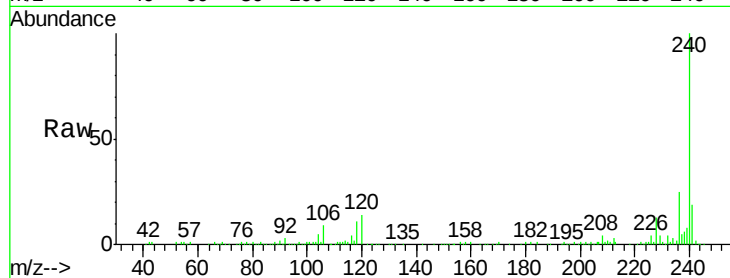
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Instrument :
BNA_F
ClientSampleId :
SB-6COMP

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	226517		
120	14.1	5.8	8.8#	
236	25.2	20.5	30.7	

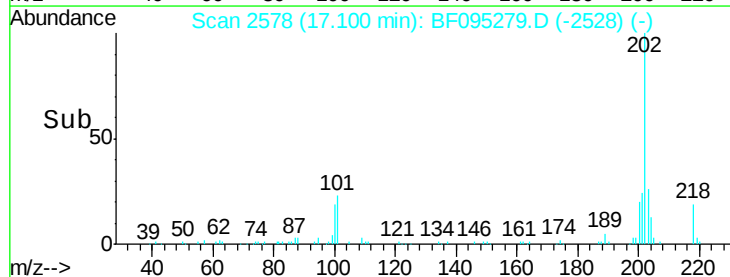
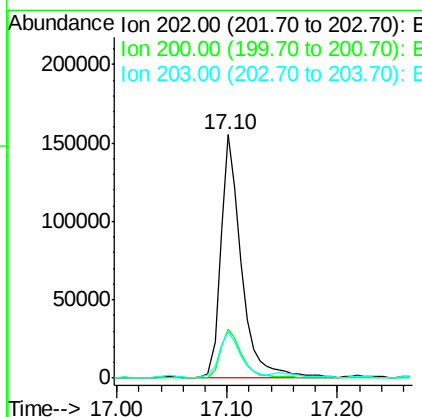
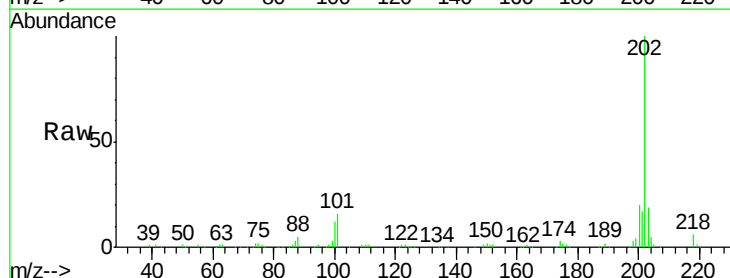
Manual Integrations
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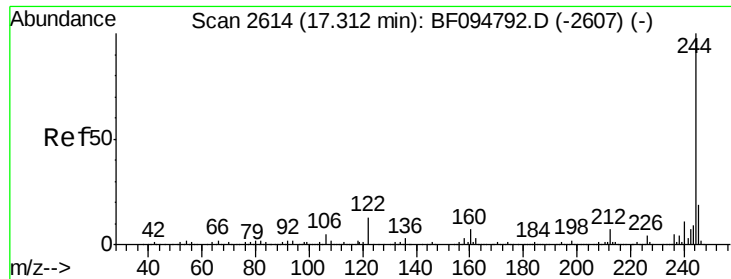
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#77
Pyrene
Concen: 11.76 ng
RT: 17.10 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	199156		
200	20.0	17.6	26.4	
203	19.1	14.4	21.6	





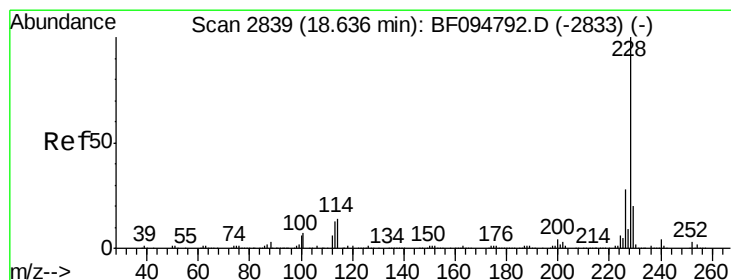
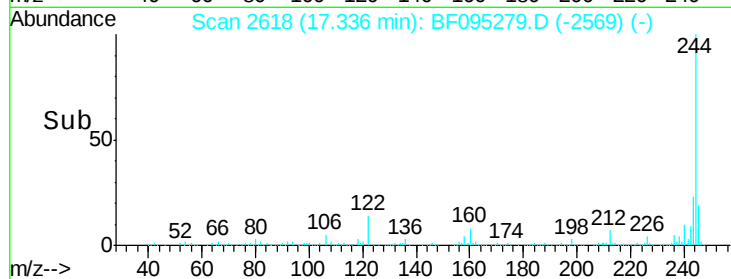
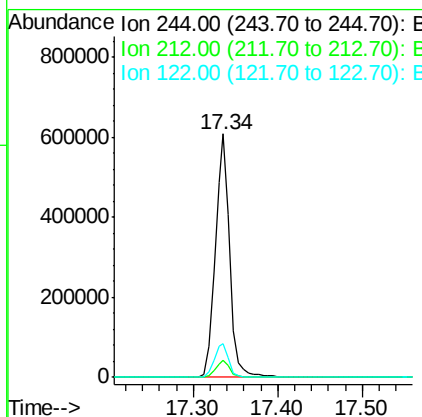
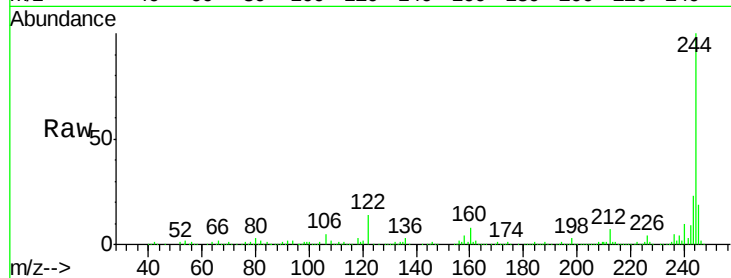
#78
 Terphenyl-d14
 Concen: 71.47 ng
 RT: 17.34 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BF095279.D
 Acq: 19 May 2017 23:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-6COMP

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.6	10.3	15.5

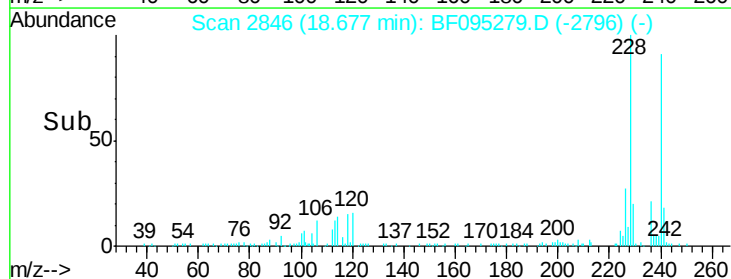
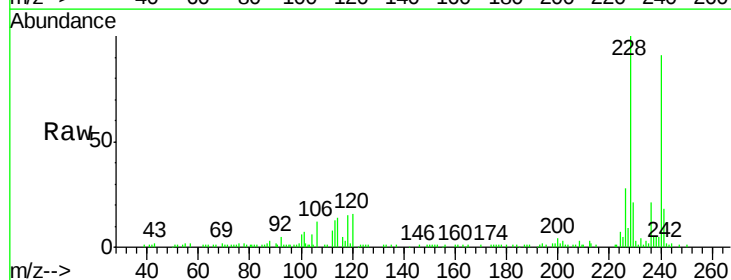
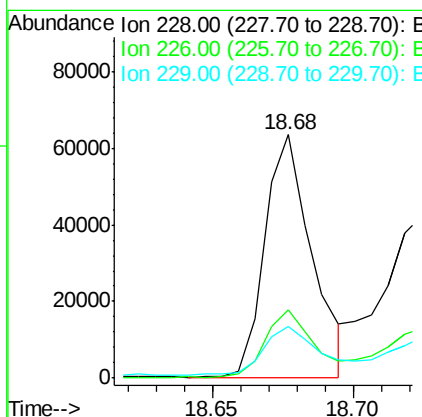
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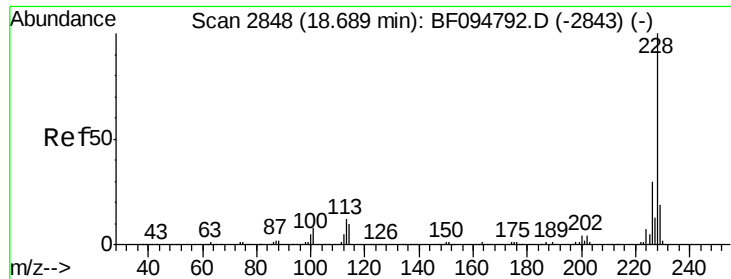
mohammad
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#80
 Benzo(a)anthracene
 Concen: 5.58 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF095279.D
 Acq: 19 May 2017 23:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	21.4	16.3	24.5





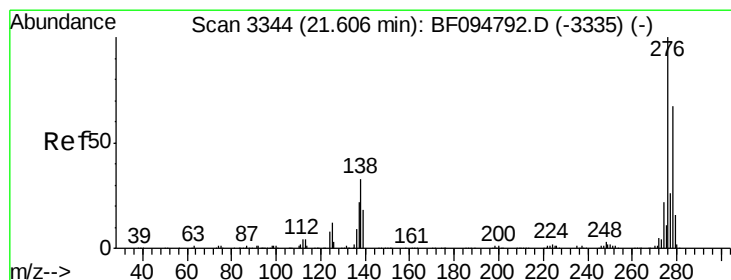
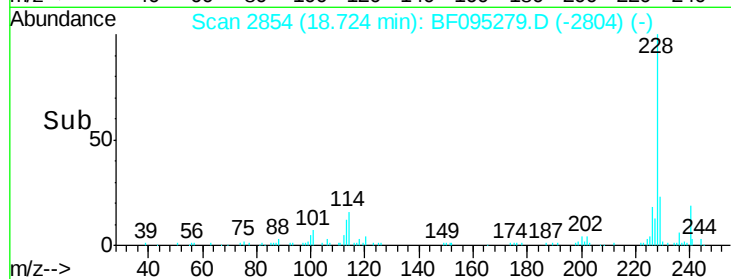
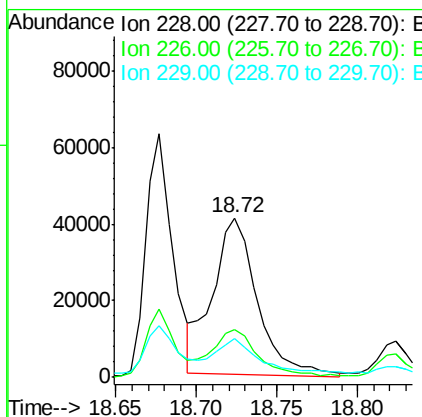
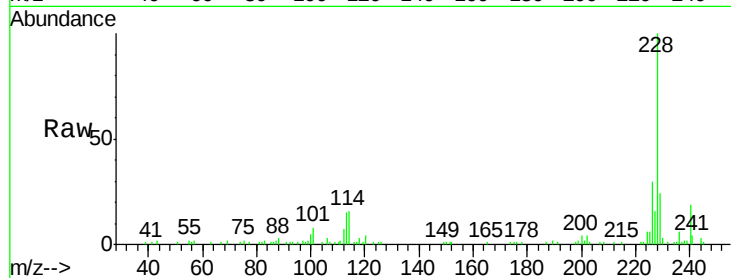
#82
Chrysene
Concen: 6.20 ng m
RT: 18.72 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Instrument :
BNA_F
ClientSampleId :
SB-6COMP

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	24.2	15.8	23.6

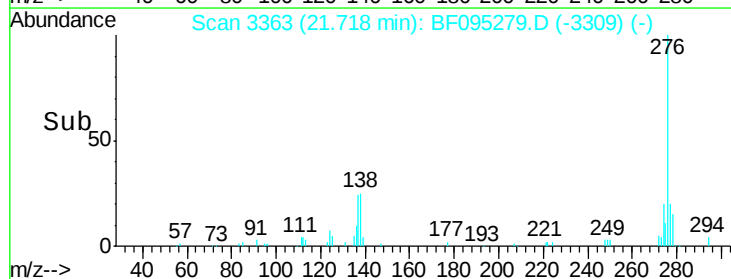
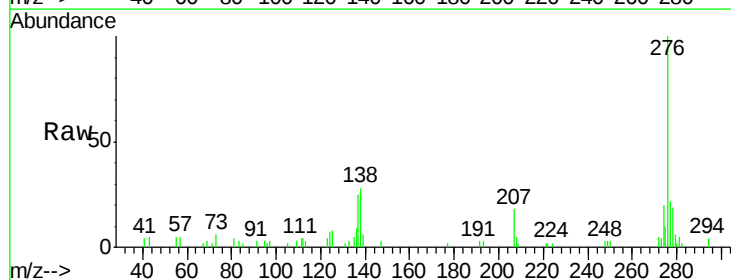
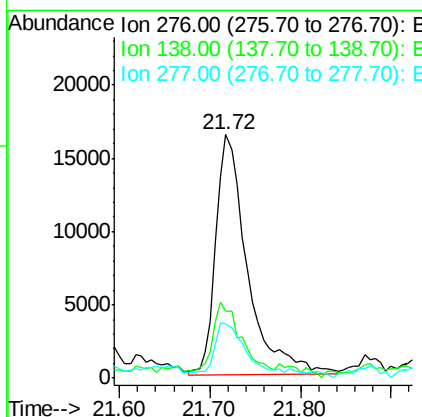
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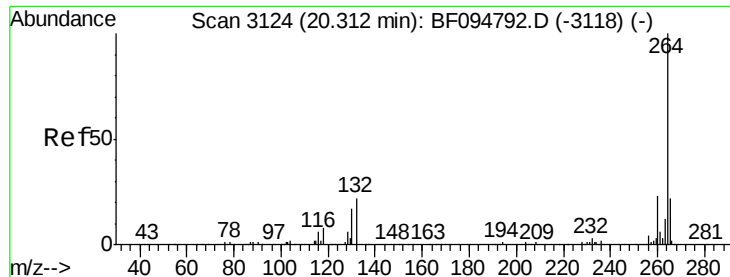
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.86 ng
RT: 21.72 min Scan# 3363
Delta R.T. 0.02 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	27.8	41.6
277	19.9	20.2	30.4





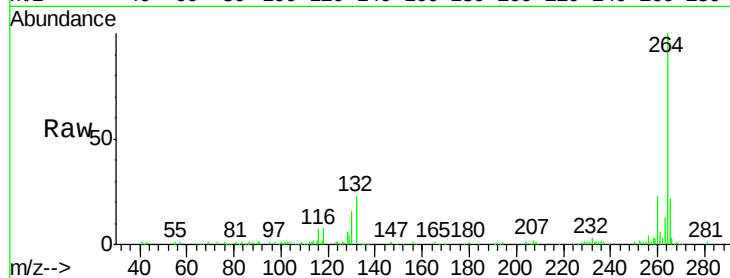
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Instrument :
BNA_F
ClientSampled :
SB-6COMP

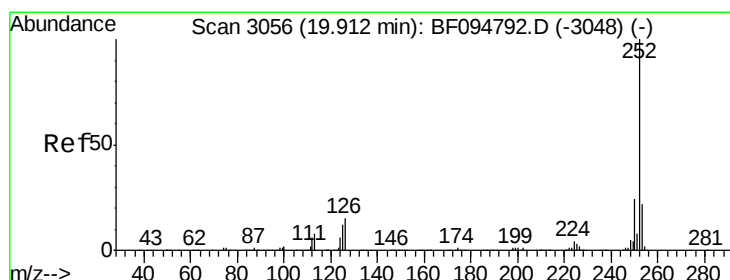
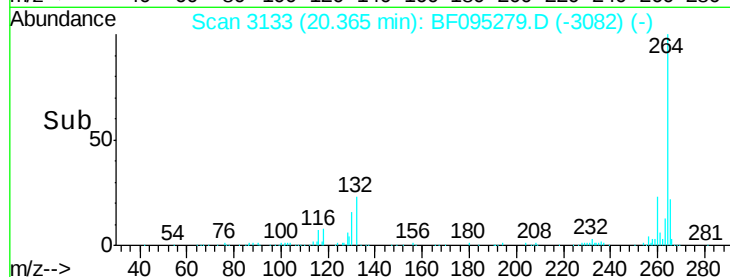
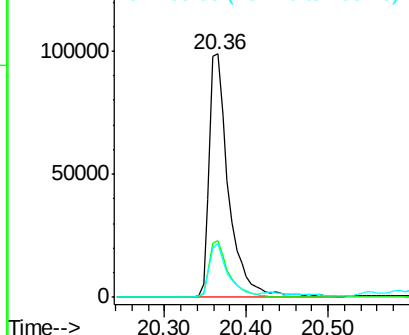
Tgt Ion	Ratio	Resp	Lower	Upper
264	100	164843		
260	23.1	19.5	29.3	
265	22.5	17.2	25.8	

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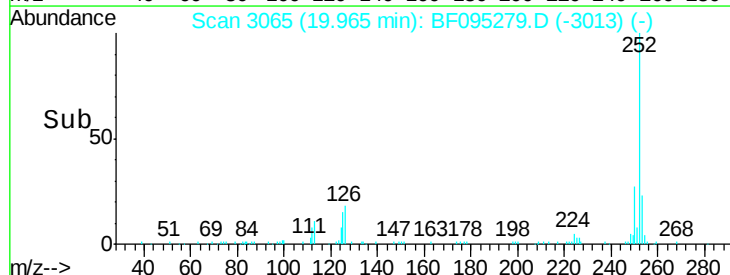
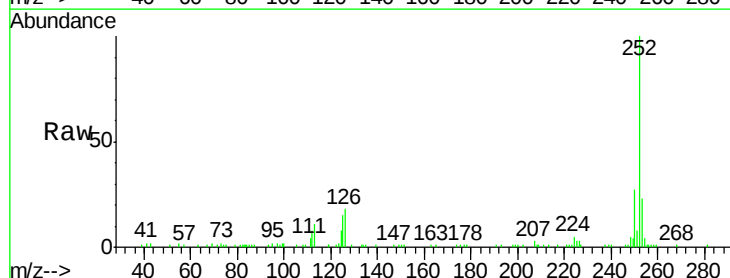
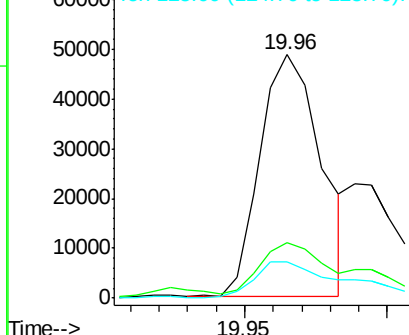
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

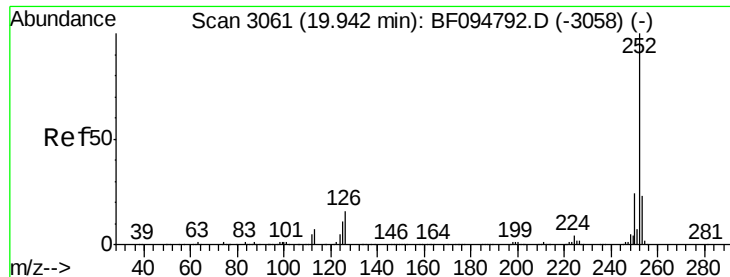


#87
Benzo(b)fluoranthene
Concen: 7.08 ng m
RT: 19.96 min Scan# 3065
Delta R.T. 0.01 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	72122		
253	22.7	18.1	27.1	
125	14.6	9.8	14.8	

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





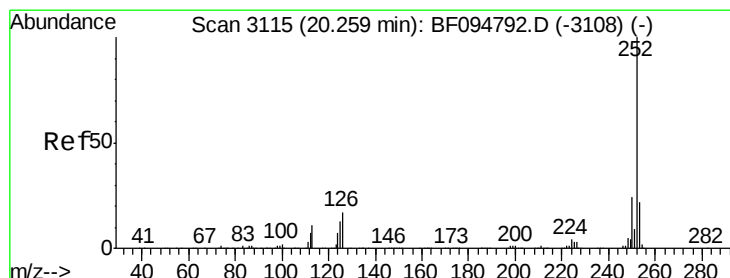
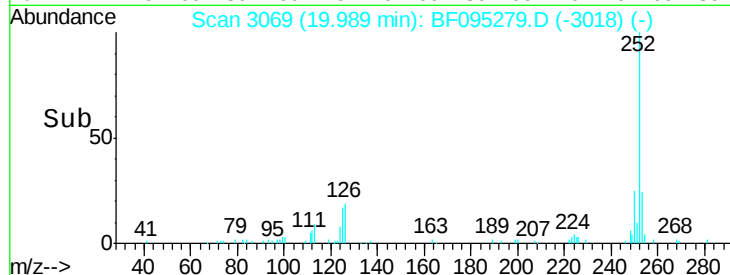
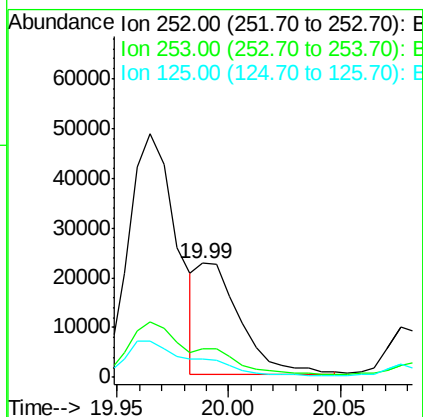
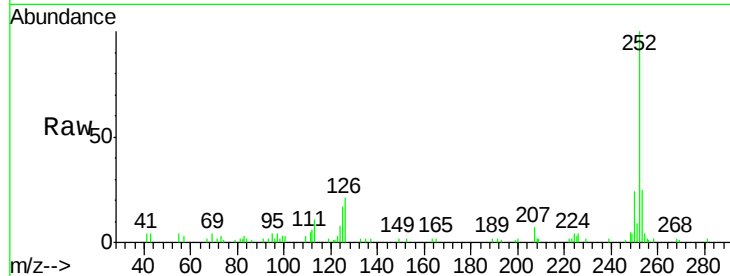
#88
Benzo(k)fluoranthene
Concen: 3.07 ng m
RT: 19.99 min Scan# 3069
Delta R.T. -0.00 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Instrument :
BNA_F
ClientSampleId :
SB-6COMP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.4	27.6
125	16.6	13.1	19.7

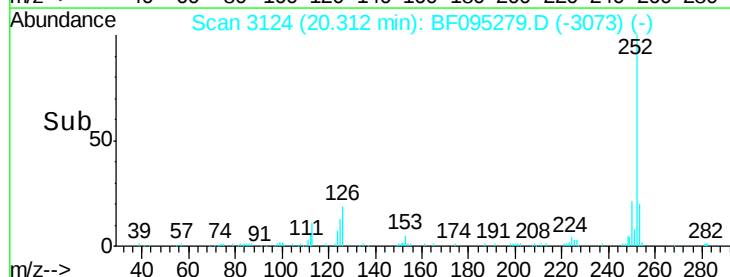
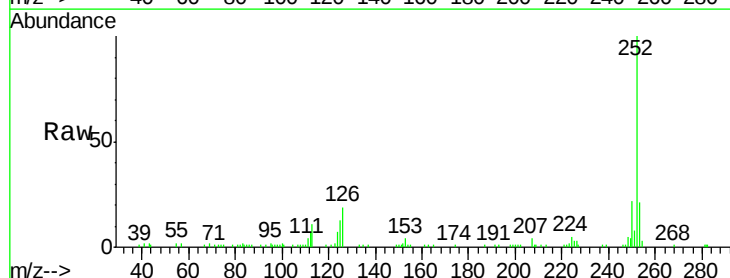
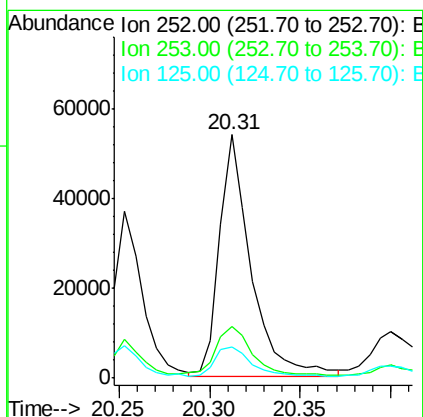
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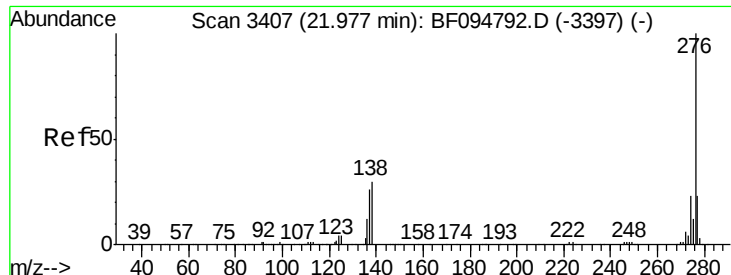
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#89
Benzo(a)pyrene
Concen: 6.95 ng
RT: 20.31 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	13.0	11.0	16.4





#91
 Benzo(g,h,i)perylene
 Concen: 5.29 ng
 RT: 22.11 min Scan# 3429
 Delta R.T. 0.02 min
 Lab File: BF095279.D
 Acq: 19 May 2017 23:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-6COMP

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.9	18.6	28.0
138	33.7	25.4	38.0

Manual Integrations
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