

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
 Data File : BF095533.D
 Acq On : 30 May 2017 13:59
 Operator : SJ/MA
 Sample : I3281-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP7-D34

Manual Integrations
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Quant Time: May 31 02:18:14 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	94117	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	391916	20.00	ng	0.00
38) Acenaphthene-d10	12.60	164	190612	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	333390	20.00	ng	0.00
75) Chrysene-d12	18.67	240	193355	20.00	ng	0.00
86) Perylene-d12	20.35	264	163744	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	620884	109.98	ng	0.00
7) Phenol-d6	7.28	99	768322	113.43	ng	-0.01
23) Nitrobenzene-d5	8.64	82	452846	72.86	ng	-0.01
41) 2,4,6-Tribromophenol	13.89	330	160405	102.75	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	829835	62.66	ng	0.00
78) Terphenyl-d14	17.31	244	581252	66.21	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	12.24	163	202734	12.96	ng	99
70) Phenanthrene	15.04	178	70851	3.70	ng	98
74) Fluoranthene	16.78	202	142394	7.25	ng	97
77) Pyrene	17.08	202	117304	8.11	ng	99
80) Benzo(a)anthracene	18.66	228	57150	5.08	ng	95
82) Chrysene	18.71	228	67063m	6.16	ng	
85) Indeno(1,2,3-cd)pyrene	21.70	276	25188	2.85	ng	94
87) Benzo(b)fluoranthene	19.95	252	57464m	5.68	ng	
88) Benzo(k)fluoranthene	19.98	252	22854m	2.34	ng	
89) Benzo(a)pyrene	20.30	252	41594	4.46	ng	94
91) Benzo(g,h,i)perylene	22.09	276	24771	3.27	ng	98

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

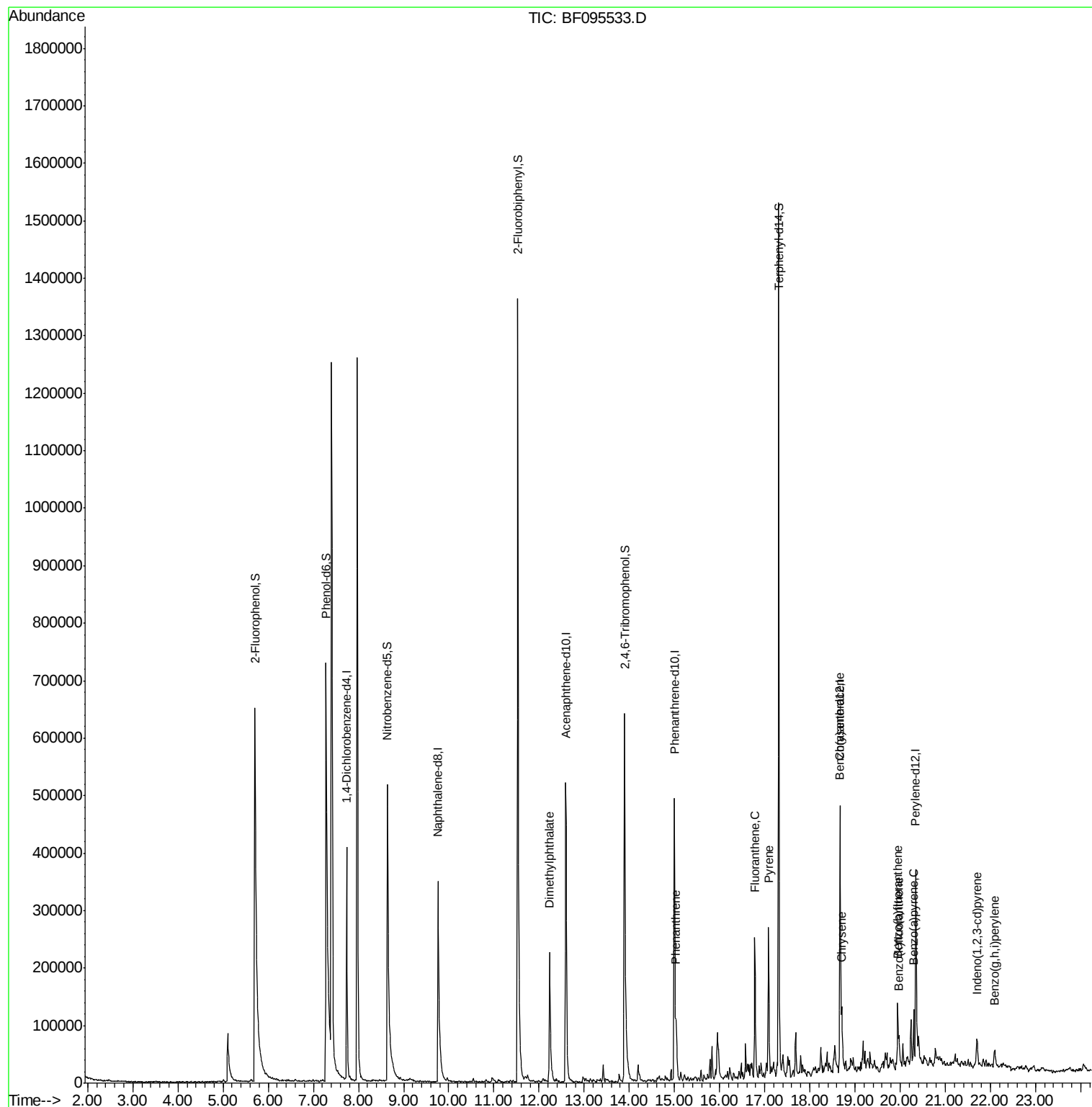
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095533.D
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Operator : SJ/MA
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Misc :
ALS Vial : 4 Sample Multiplier: 1

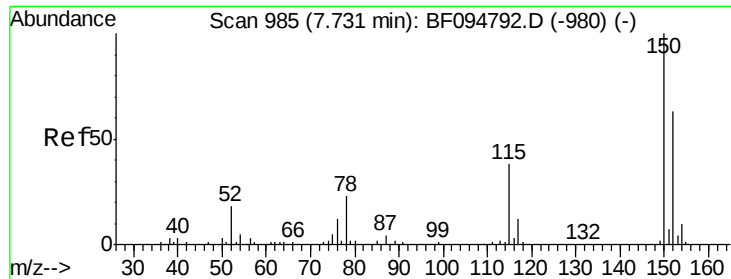
Instrument :
BNA_F
ClientSampleId :
R1-TP7-D34

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

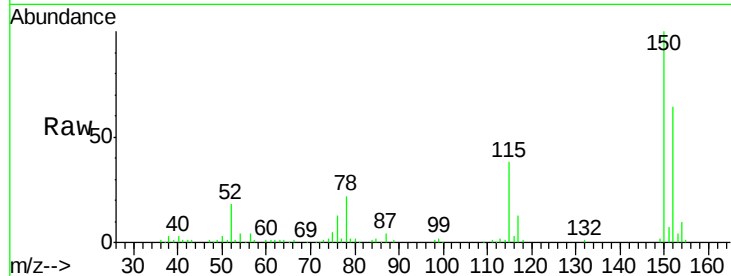
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095533.D
Acq: 30 May 2017 13:59

Instrument :
BNA_F
ClientSampled :
R1-TP7-D34

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.2	189.2
115	60.0	52.2	78.2

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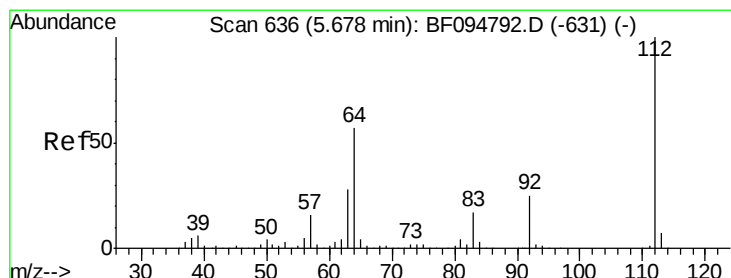
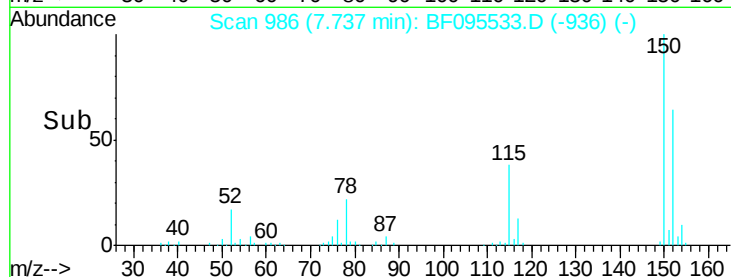
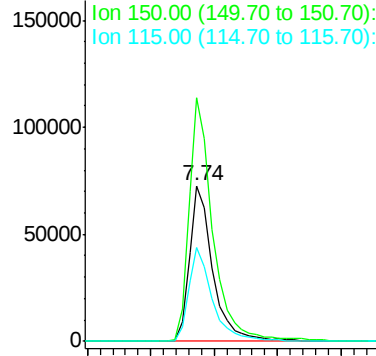


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

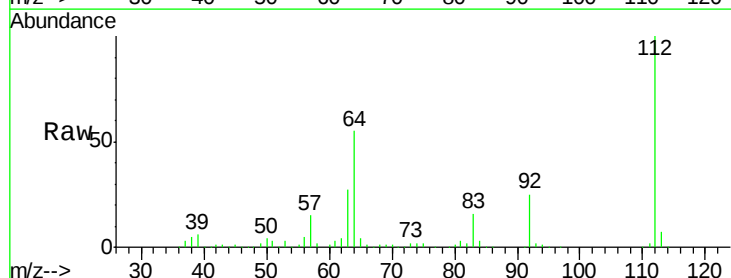
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.98 ng
RT: 5.71 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF095533.D
Acq: 30 May 2017 13:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.0	69.0
63	26.9	23.4	35.0

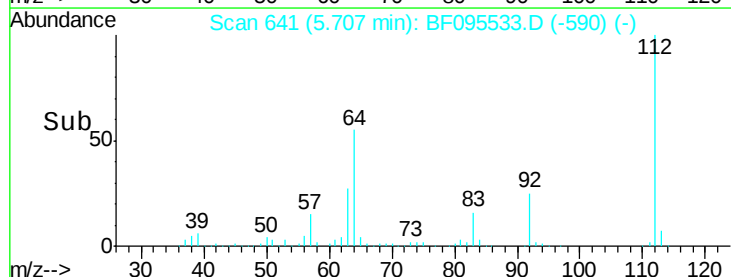
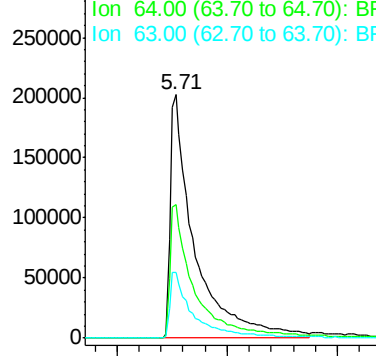


Abundance

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: 113.43 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF095533.D

Acq: 30 May 2017 13:59

Instrument :

BNA_F

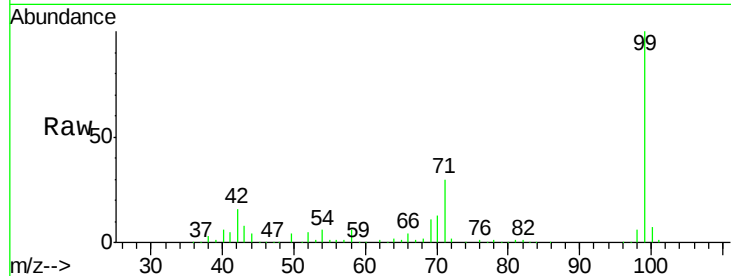
ClientSampleId :

R1-TP7-D34

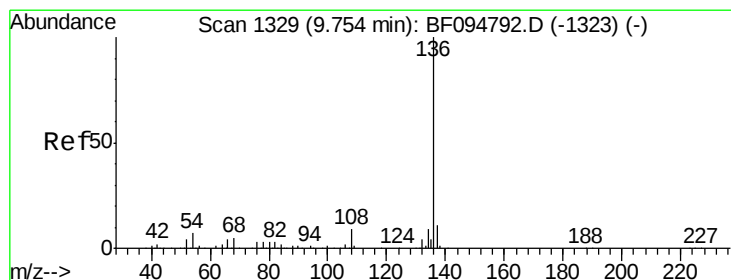
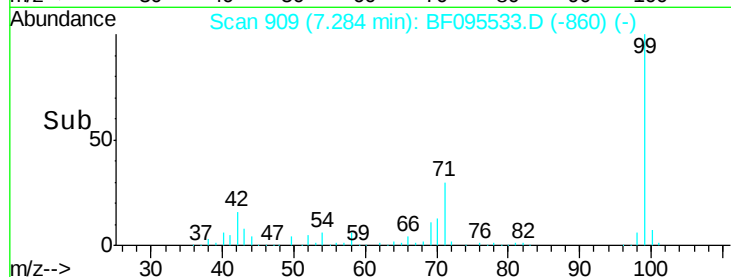
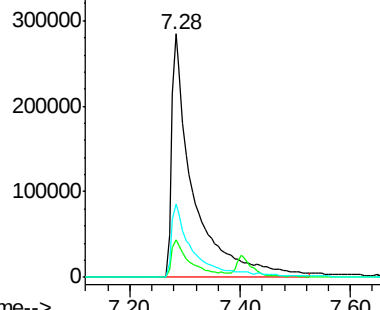
Tgt Ion:	99	Resp:	768322
Ion Ratio	Lower	Upper	
99	100		
42	15.7	13.5	20.3
71	30.1	24.5	36.7

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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: 9.77 min Scan# 1331

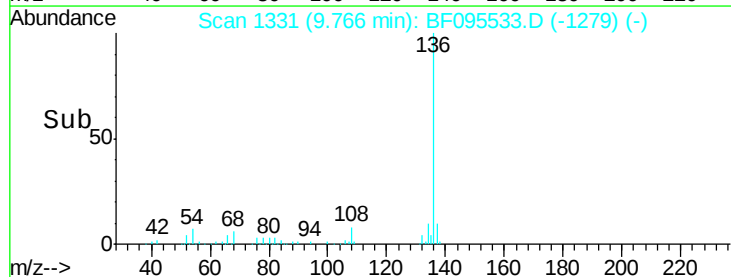
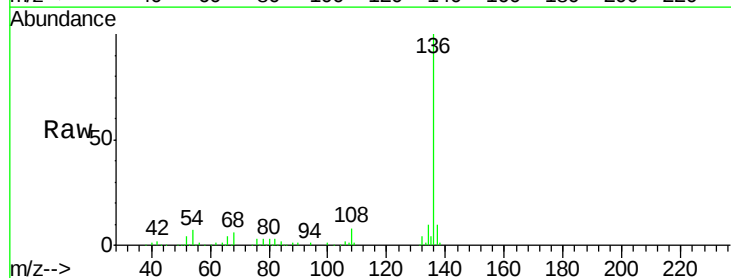
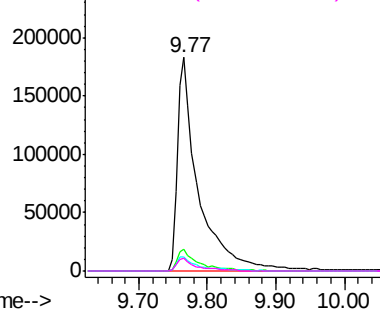
Delta R.T. 0.01 min

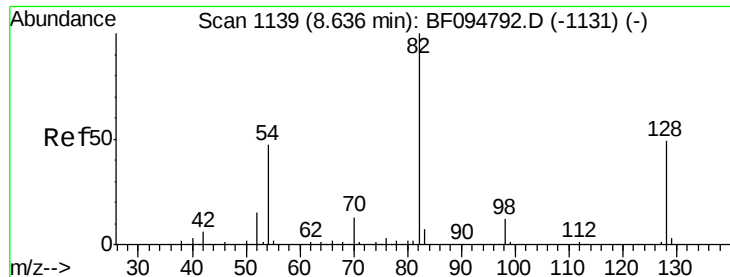
Lab File: BF095533.D

Acq: 30 May 2017 13:59

Tgt Ion:	136	Resp:	391916
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.5	12.7
54	6.7	4.9	7.3
68	5.9	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





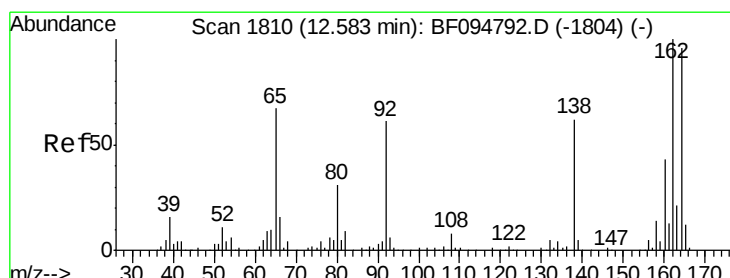
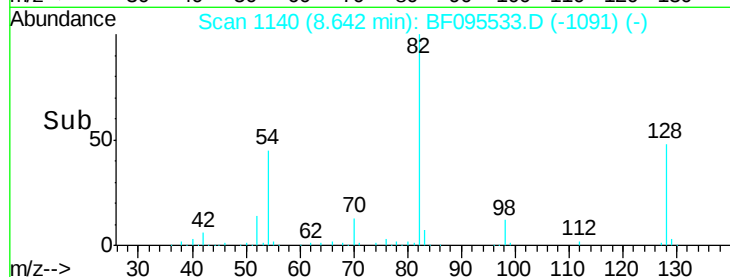
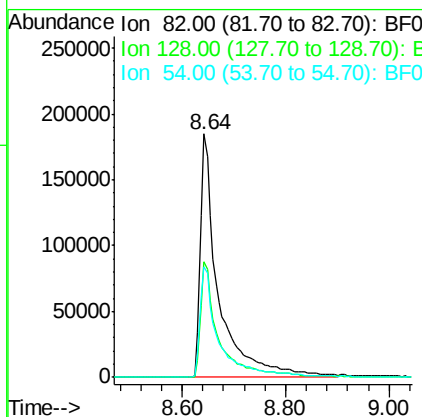
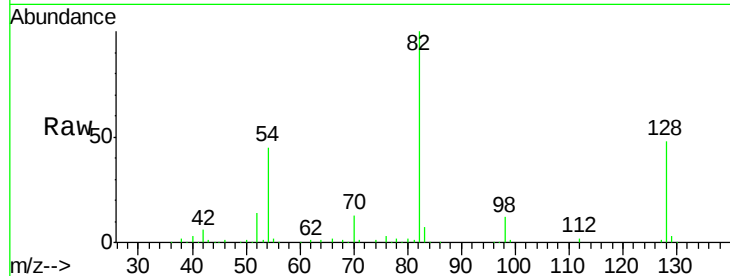
#23
 Nitrobenzene-d5
 Concen: 72.86 ng
 RT: 8.64 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF095533.D
 Acq: 30 May 2017 13:59

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP7-D34

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	452846		
128	47.6	34.0	51.0	
54	45.2	42.2	63.2	

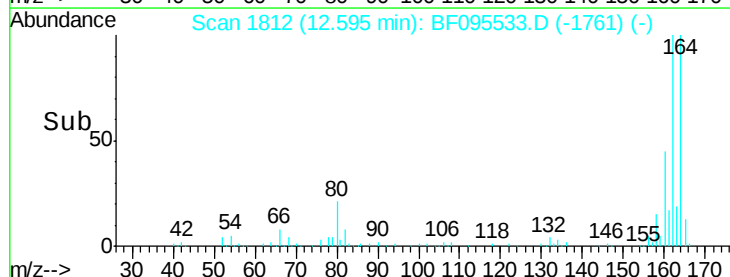
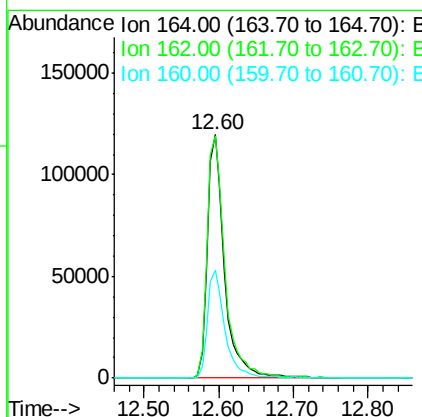
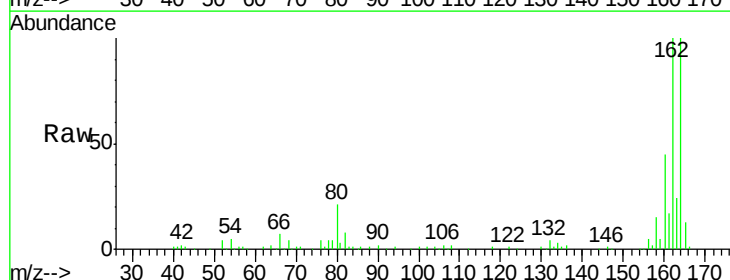
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.60 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BF095533.D
 Acq: 30 May 2017 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	190612		
162	99.7	82.6	123.8	
160	44.6	36.2	54.2	





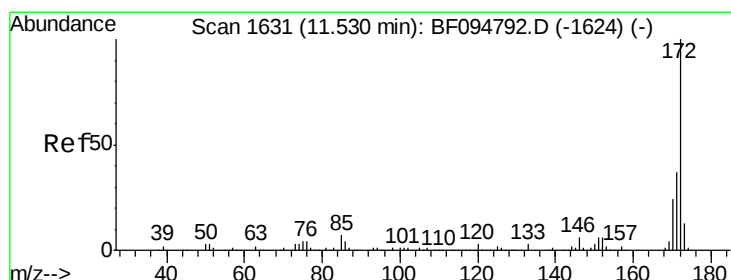
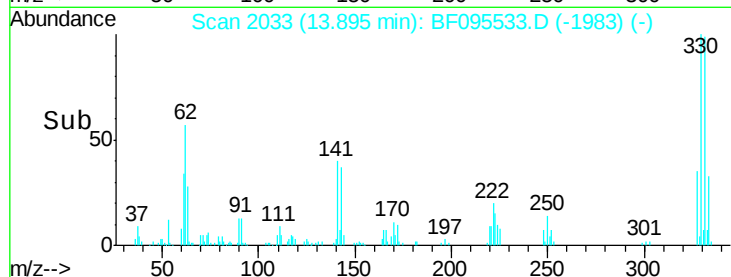
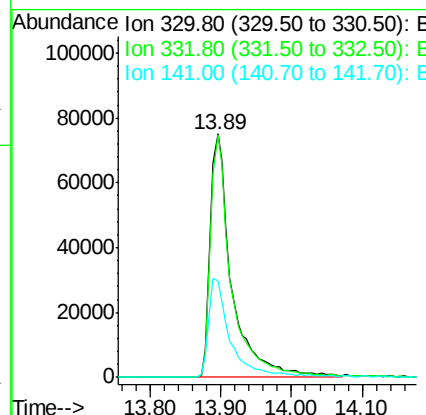
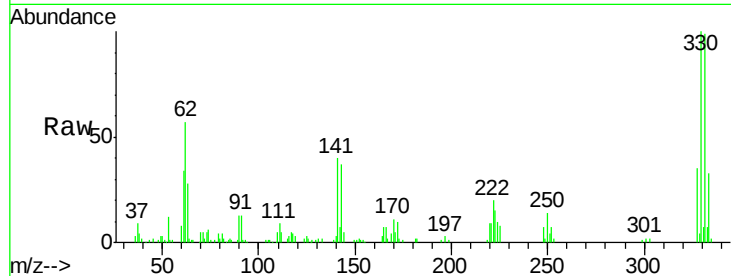
#41
 2,4,6-Tribromophenol
 Concen: 102.75 ng
 RT: 13.89 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095533.D
 Acq: 30 May 2017 13:59

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP7-D34

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	160405		
332	95.7	76.6	115.0	
141	40.1	31.4	47.2	

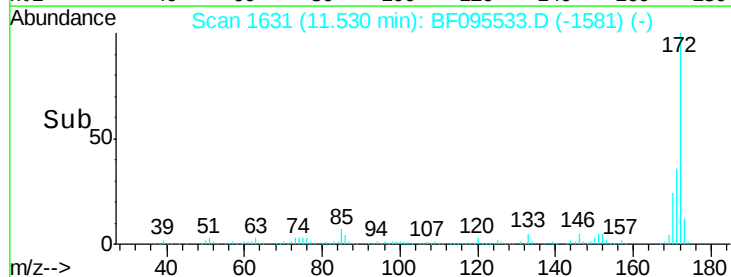
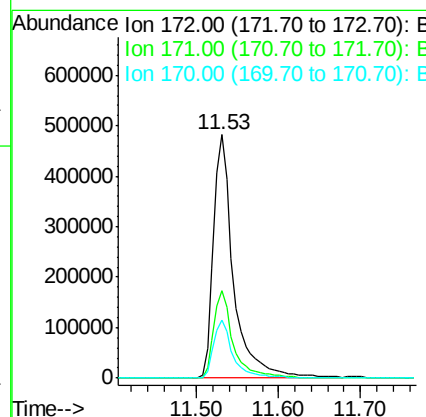
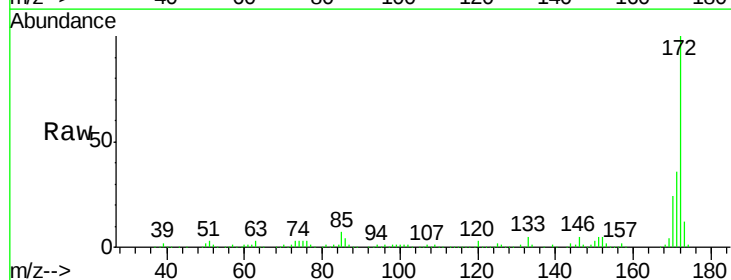
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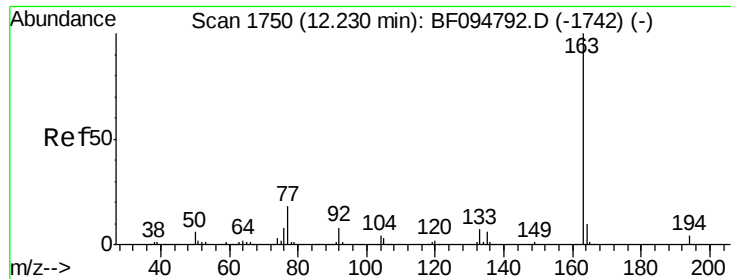
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#44
 2-Fluorobiphenyl
 Concen: 62.66 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095533.D
 Acq: 30 May 2017 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	829835		
171	35.9	29.6	44.4	
170	23.9	19.8	29.8	





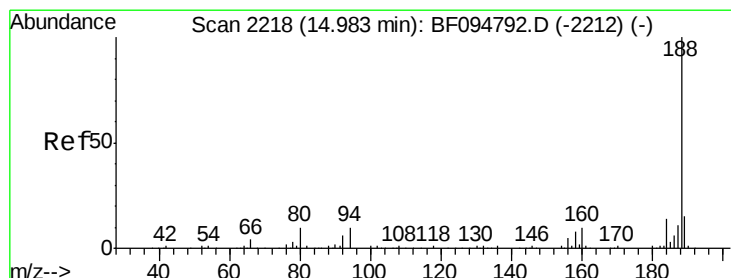
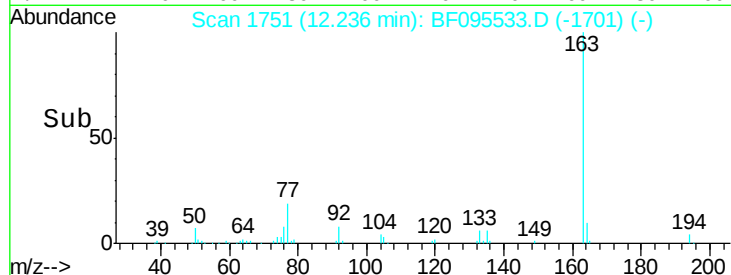
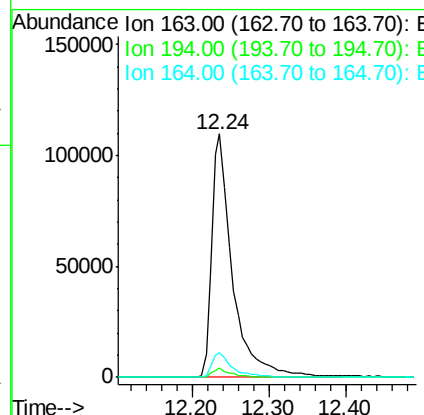
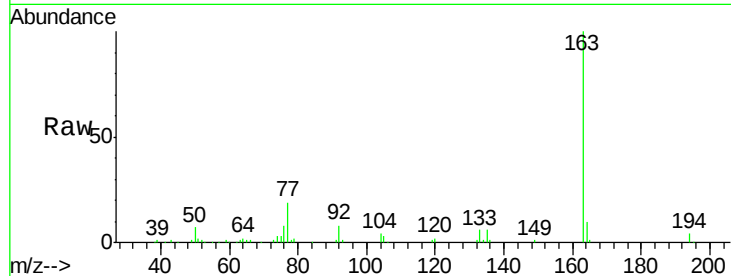
#49
Dimethylphthalate
Concen: 12.96 ng
RT: 12.24 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BF095533.D
Acq: 30 May 2017 13:59

Instrument :
BNA_F
ClientSampleId :
R1-TP7-D34

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	202734		
194	3.7	2.6	4.0	
164	10.1	8.4	12.6	

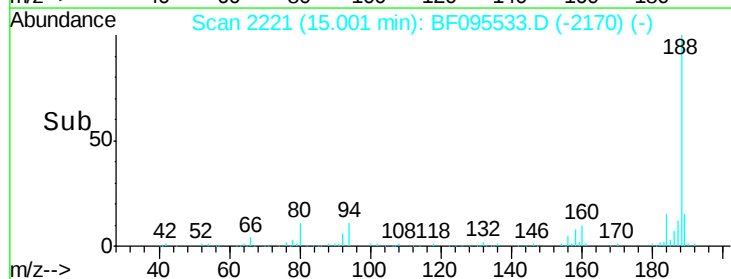
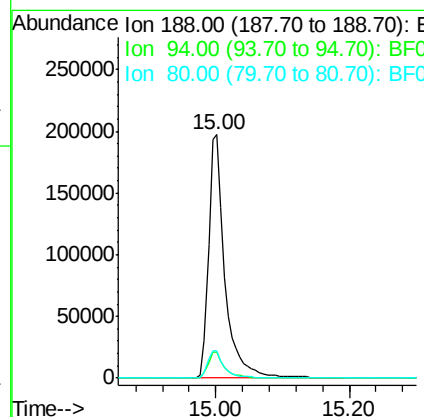
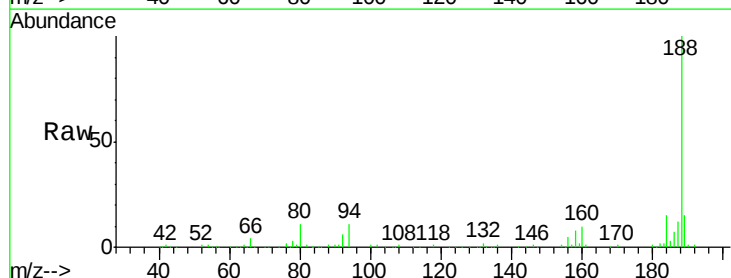
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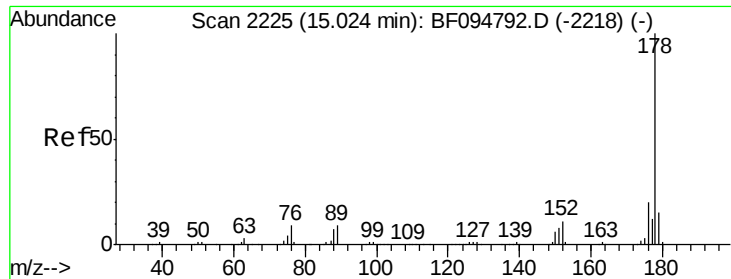
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF095533.D
Acq: 30 May 2017 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	333390		
94	10.6	9.4	14.2	
80	11.1	10.2	15.2	





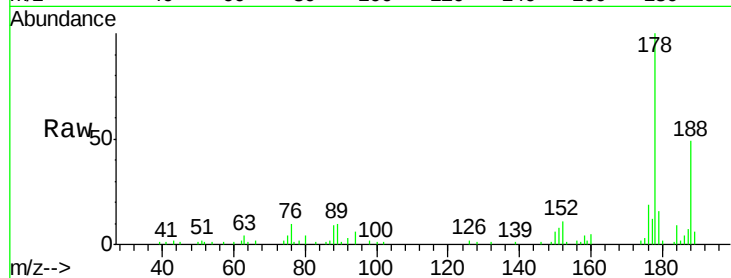
#70
Phenanthrene
Concen: 3.70 ng
RT: 15.04 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF095533.D
Acq: 30 May 2017 13:59

Instrument :
BNA_F
ClientSampleId :
R1-TP7-D34

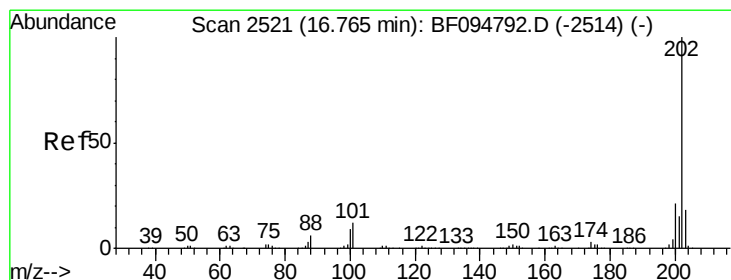
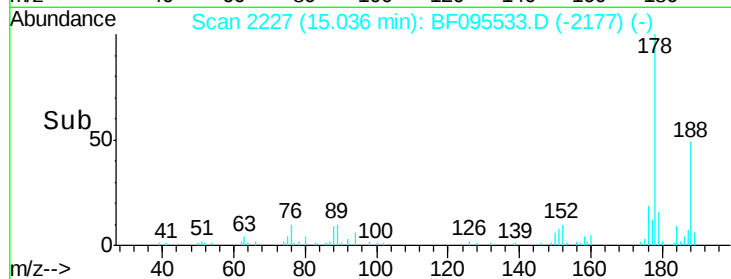
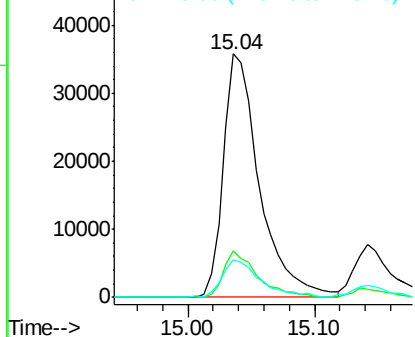
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.6	12.6	19.0

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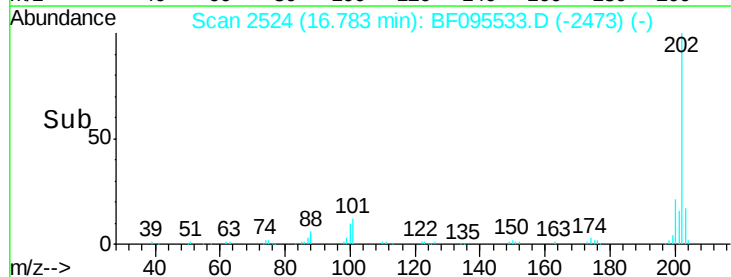
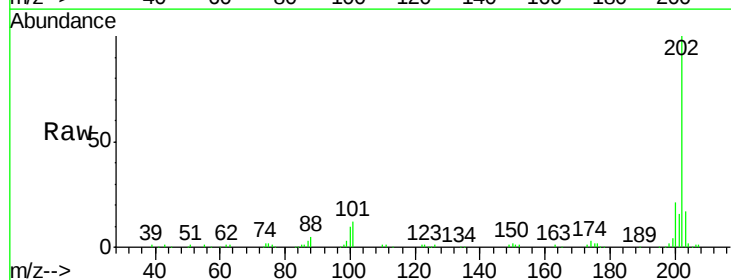
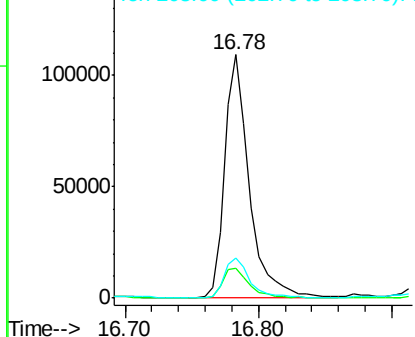
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

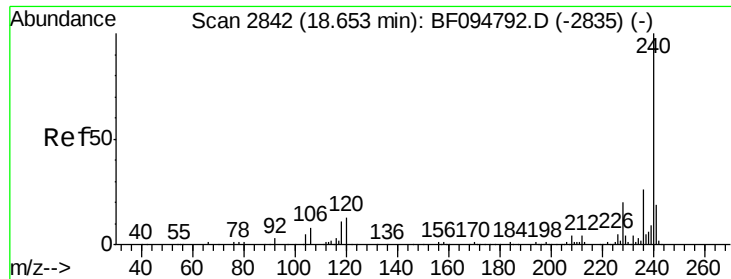


#74
Fluoranthene
Concen: 7.25 ng
RT: 16.78 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BF095533.D
Acq: 30 May 2017 13:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	16.5	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





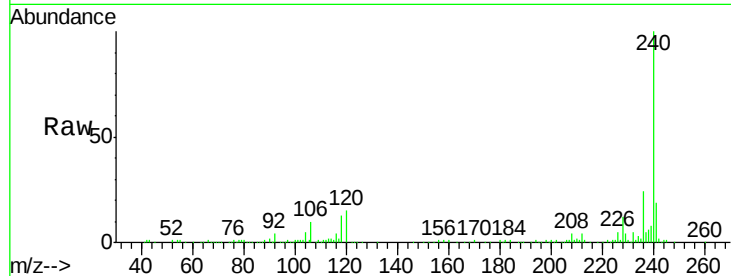
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095533.D
Acq: 30 May 2017 13:59

Instrument :
BNA_F
ClientSampleId :
R1-TP7-D34

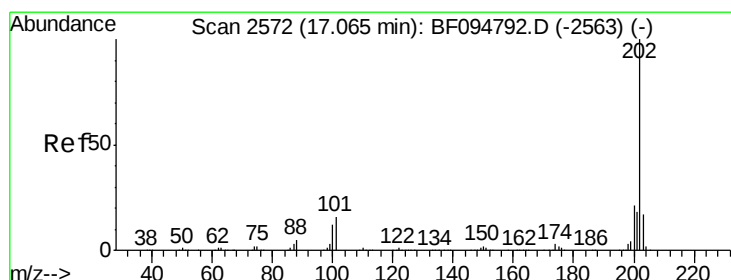
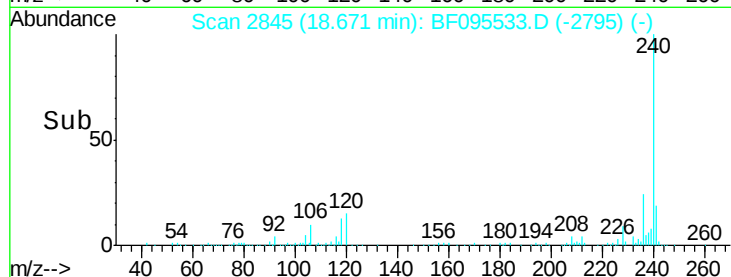
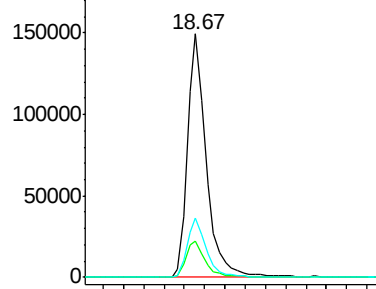
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	193355		
120	15.1	5.8	8.8#	
236	24.3	20.5	30.7	

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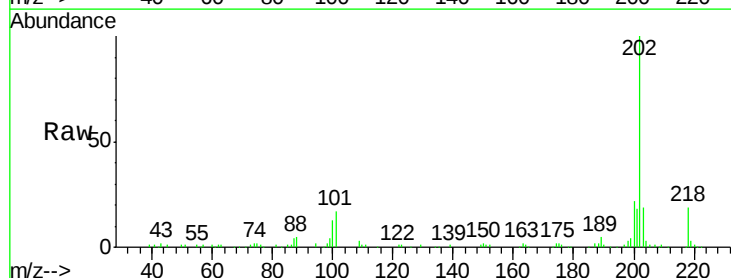


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

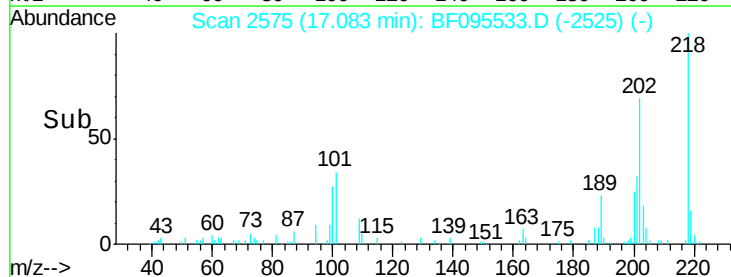
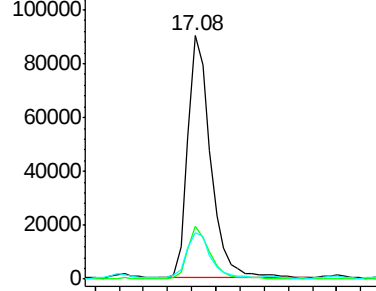


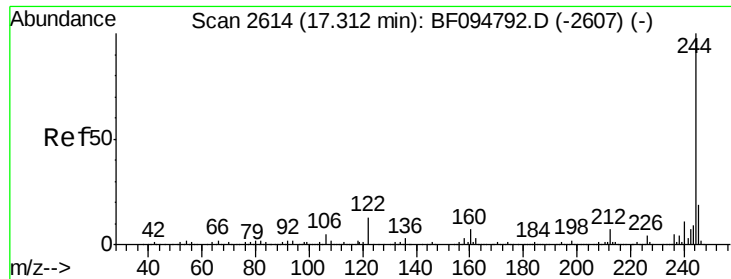
#77
Pyrene
Concen: 8.11 ng
RT: 17.08 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF095533.D
Acq: 30 May 2017 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	117304		
200	21.6	17.6	26.4	
203	18.9	14.4	21.6	



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





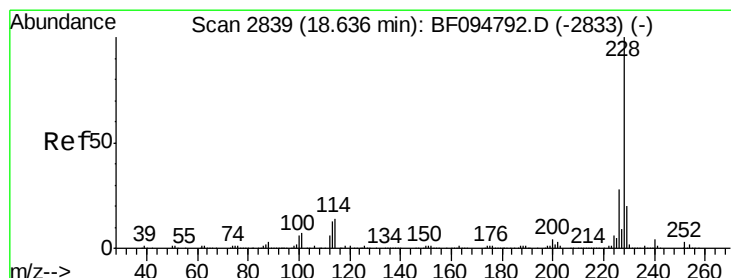
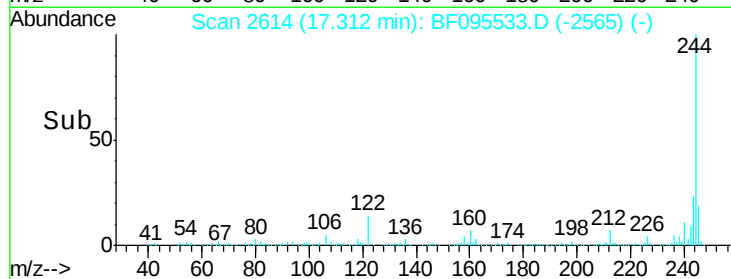
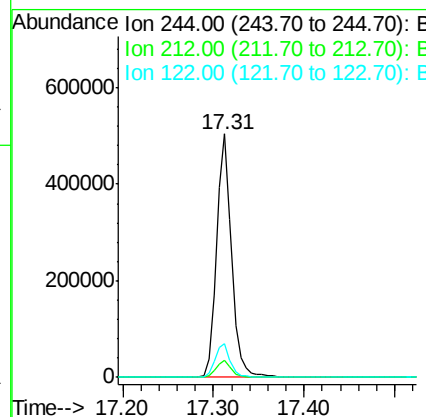
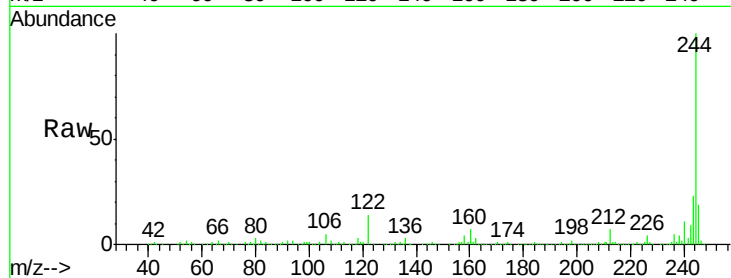
#78
 Terphenyl-d14
 Concen: 66.21 ng
 RT: 17.31 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BF095533.D
 Acq: 30 May 2017 13:59

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP7-D34

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	581252		
212	6.8	6.0	9.0	
122	14.0	10.3	15.5	

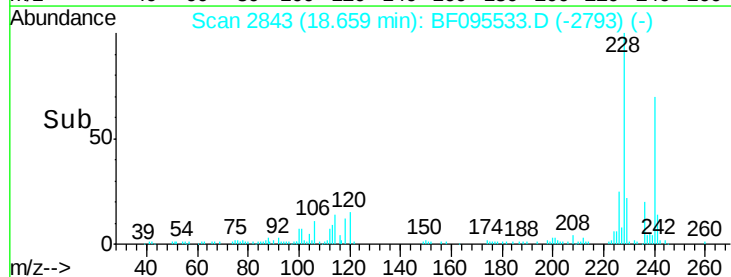
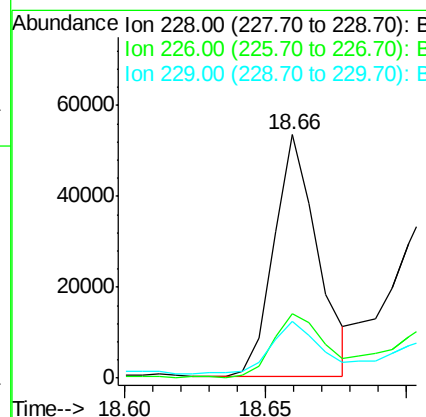
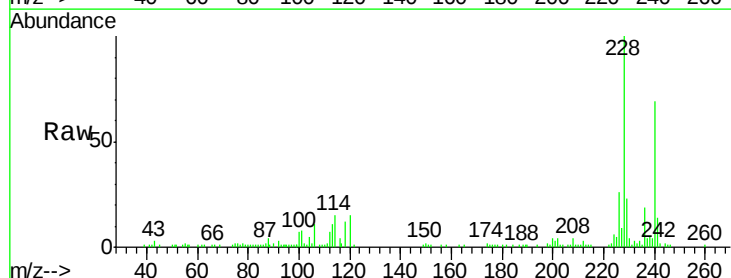
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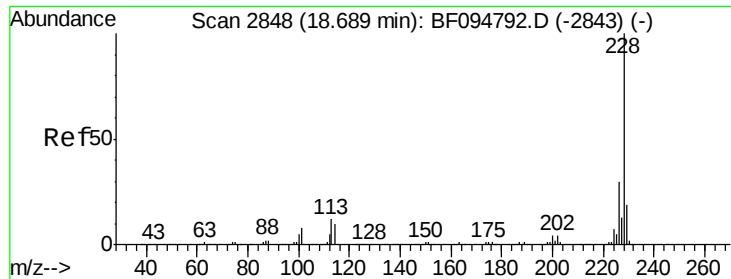
mohammad
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#80
 Benzo(a)anthracene
 Concen: 5.08 ng
 RT: 18.66 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BF095533.D
 Acq: 30 May 2017 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	57150		
226	26.2	22.6	33.8	
229	23.1	16.3	24.5	





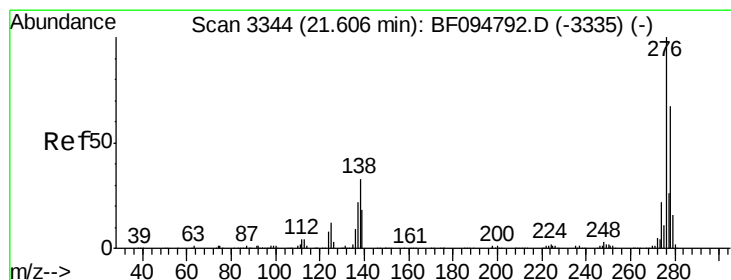
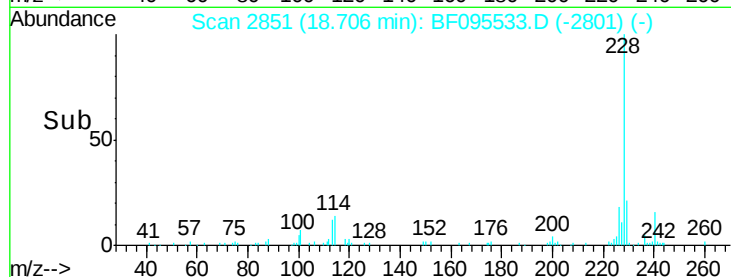
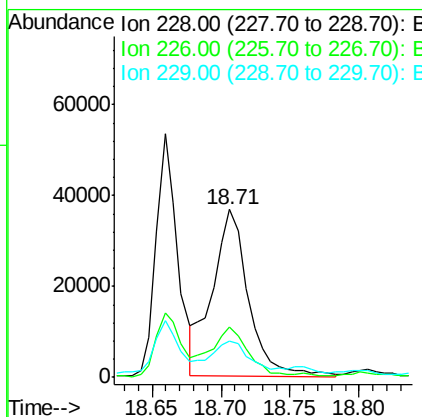
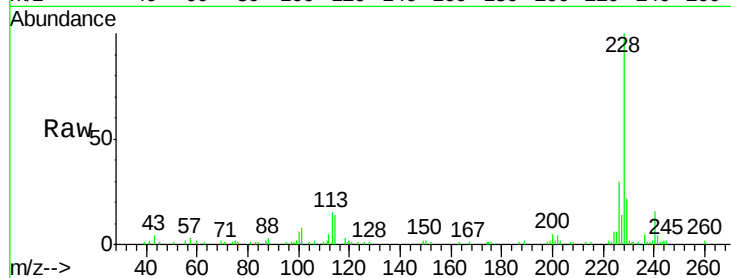
#82
Chrysene
Concen: 6.16 ng m
RT: 18.71 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF095533.D
Acq: 30 May 2017 13:59

Instrument :
BNA_F
ClientSampleId :
R1-TP7-D34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	67063		
226	30.1		24.9	37.3
229	21.8		15.8	23.6

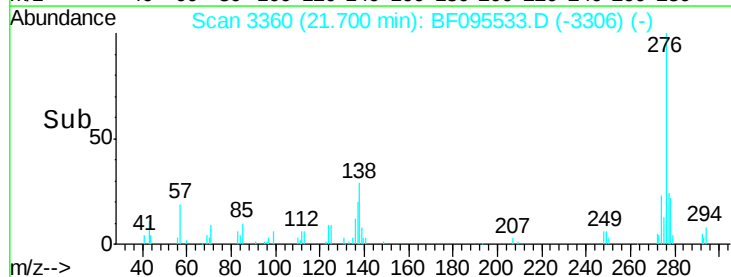
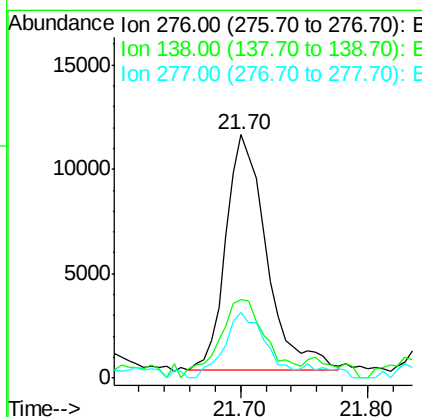
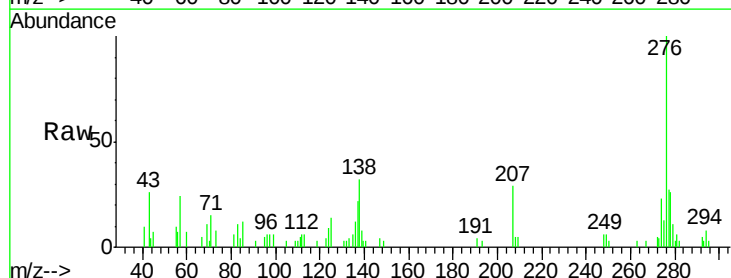
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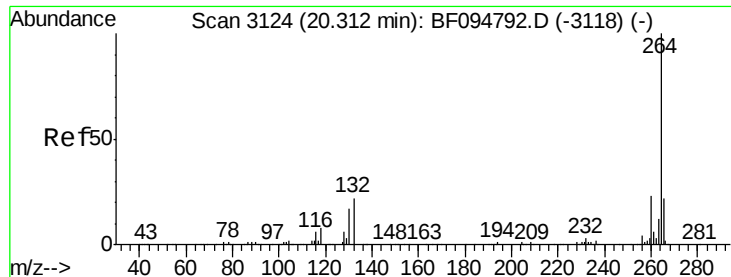
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.85 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.02 min
Lab File: BF095533.D
Acq: 30 May 2017 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	25188		
138	38.8		27.8	41.6
277	27.9		20.2	30.4





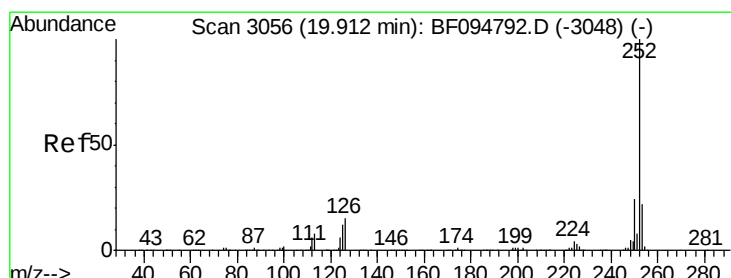
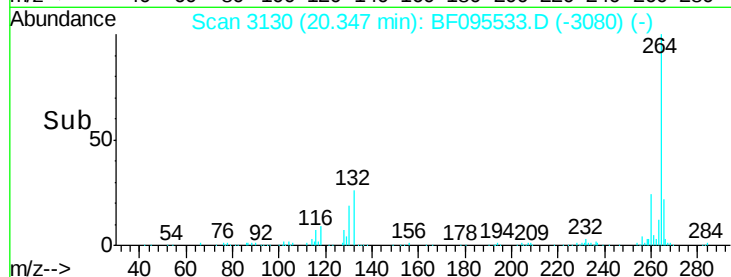
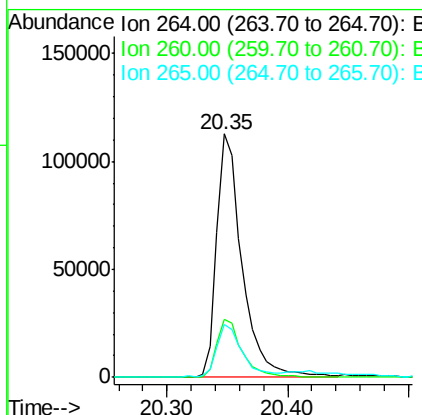
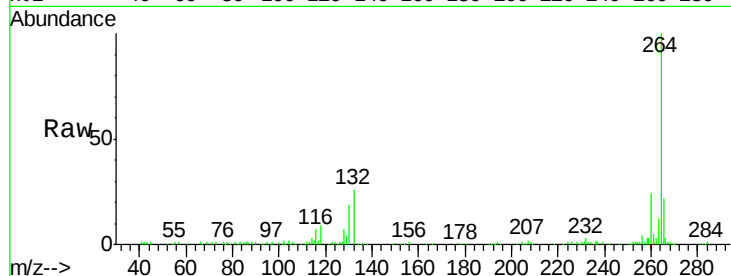
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BF095533.D
Acq: 30 May 2017 13:59

Instrument :
BNA_F
ClientSampleId :
R1-TP7-D34

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	163744		
260	24.0	19.5	29.3	
265	21.9	17.2	25.8	

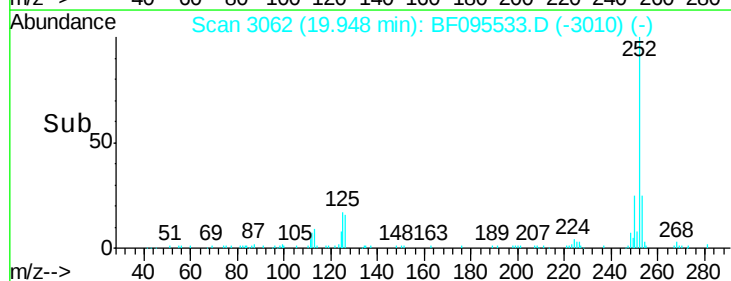
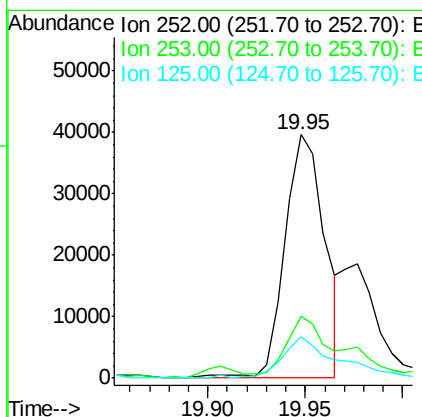
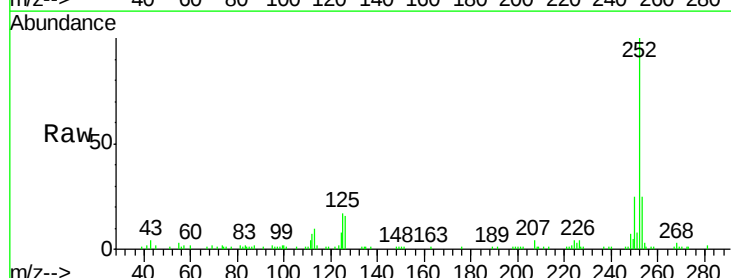
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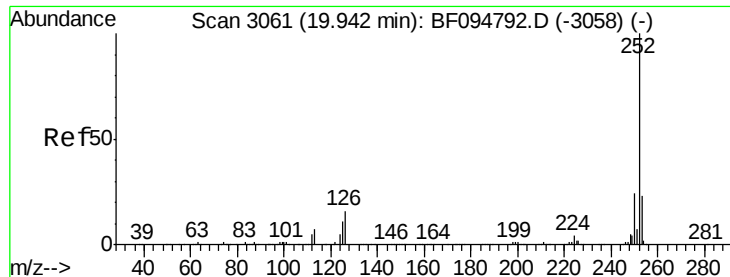
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#87
Benzo(b)fluoranthene
Concen: 5.68 ng m
RT: 19.95 min Scan# 3062
Delta R.T. 0.01 min
Lab File: BF095533.D
Acq: 30 May 2017 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	57464		
253	25.4	18.1	27.1	
125	16.9	9.8	14.8#	





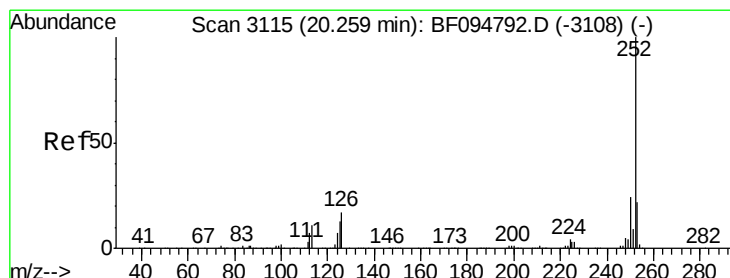
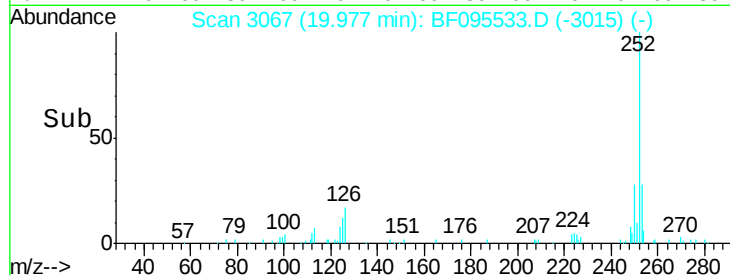
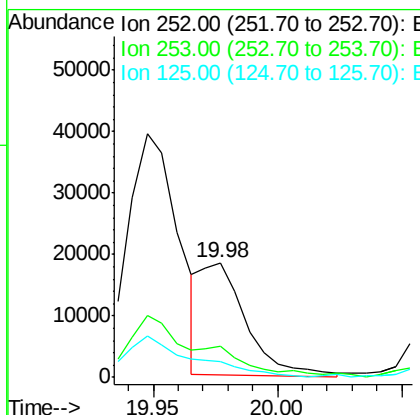
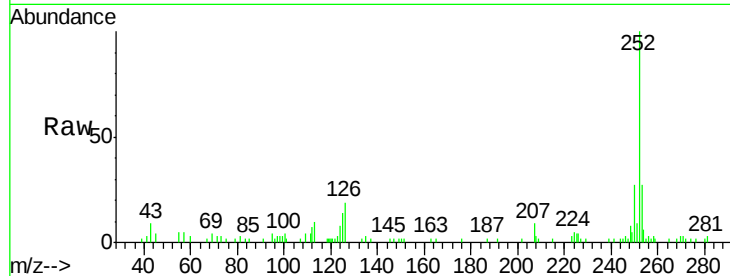
#88
Benzo(k)fluoranthene
Concen: 2.34 ng m
RT: 19.98 min Scan# 3067
Delta R.T. 0.01 min
Lab File: BF095533.D
Acq: 30 May 2017 13:59

Instrument :
BNA_F
ClientSampleId :
R1-TP7-D34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	18.4	27.6
125	13.8	13.1	19.7

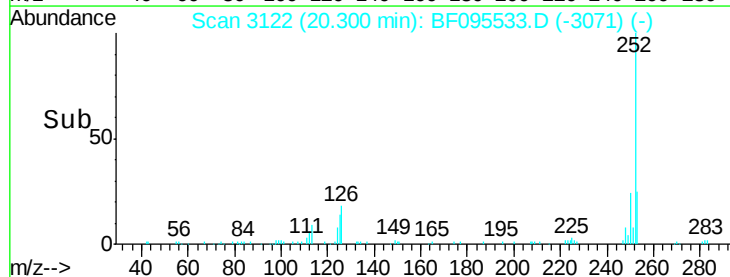
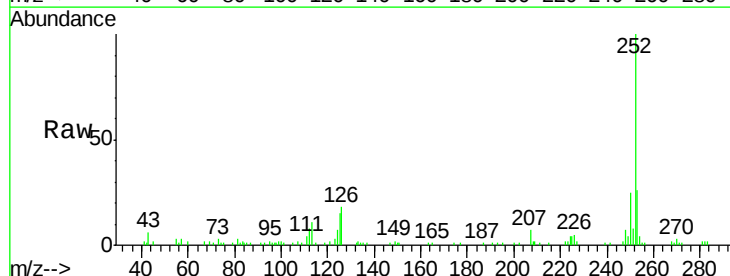
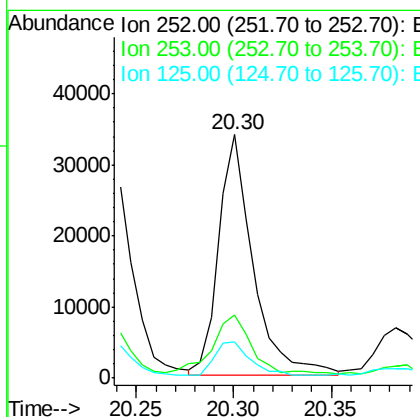
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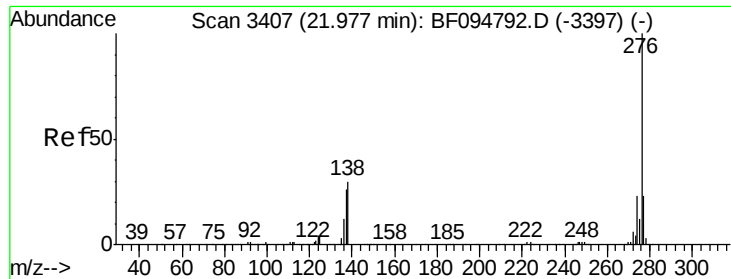
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#89
Benzo(a)pyrene
Concen: 4.46 ng
RT: 20.30 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BF095533.D
Acq: 30 May 2017 13:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.5	26.3
125	14.6	11.0	16.4





#91
 Benzo(g,h,i)perylene
 Concen: 3.27 ng
 RT: 22.09 min Scan# 3427
 Delta R.T. 0.02 min
 Lab File: BF095533.D
 Acq: 30 May 2017 13:59

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP7-D34

Tgt Ion:	276	Resp:	24771
Ion Ratio	Lower	Upper	
276	100		
277	20.8	18.6	28.0
138	31.6	25.4	38.0

Manual Integrations
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