

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
 Data File : BF095539.D
 Acq On : 30 May 2017 17:12
 Operator : SJ/MA
 Sample : I3281-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP11-D78

Manual Integrations
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Quant Time: May 31 03:51:43 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	93693	20.00	ng	0.00
21) Naphthalene-d8	9.76	136	367692	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	160698	20.00	ng	0.00
63) Phenanthrene-d10	14.99	188	237195	20.00	ng	0.00
75) Chrysene-d12	18.67	240	203518	20.00	ng	0.00
86) Perylene-d12	20.35	264	179209	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	652142	116.04	ng	0.00
7) Phenol-d6	7.29	99	801188	118.82	ng	0.00
23) Nitrobenzene-d5	8.64	82	456863	78.35	ng	-0.01
41) 2,4,6-Tribromophenol	13.90	330	123523	93.86	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	821811	73.61	ng	0.00
78) Terphenyl-d14	17.31	244	446281	48.30	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	12.23	163	189598	14.37	ng	99
70) Phenanthrene	15.04	178	106680	7.83	ng	97
71) Anthracene	15.12	178	37960	2.73	ng	98
74) Fluoranthene	16.78	202	105896	7.57	ng	97
77) Pyrene	17.08	202	91340	6.00	ng	98
80) Benzo(a)anthracene	18.66	228	55720m	4.70	ng	
82) Chrysene	18.71	228	50139	4.38	ng	96
87) Benzo(b)fluoranthene	19.95	252	53459m	4.83	ng	
88) Benzo(k)fluoranthene	19.97	252	22727m	2.13	ng	
89) Benzo(a)pyrene	20.29	252	34682	3.39	ng	# 94

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

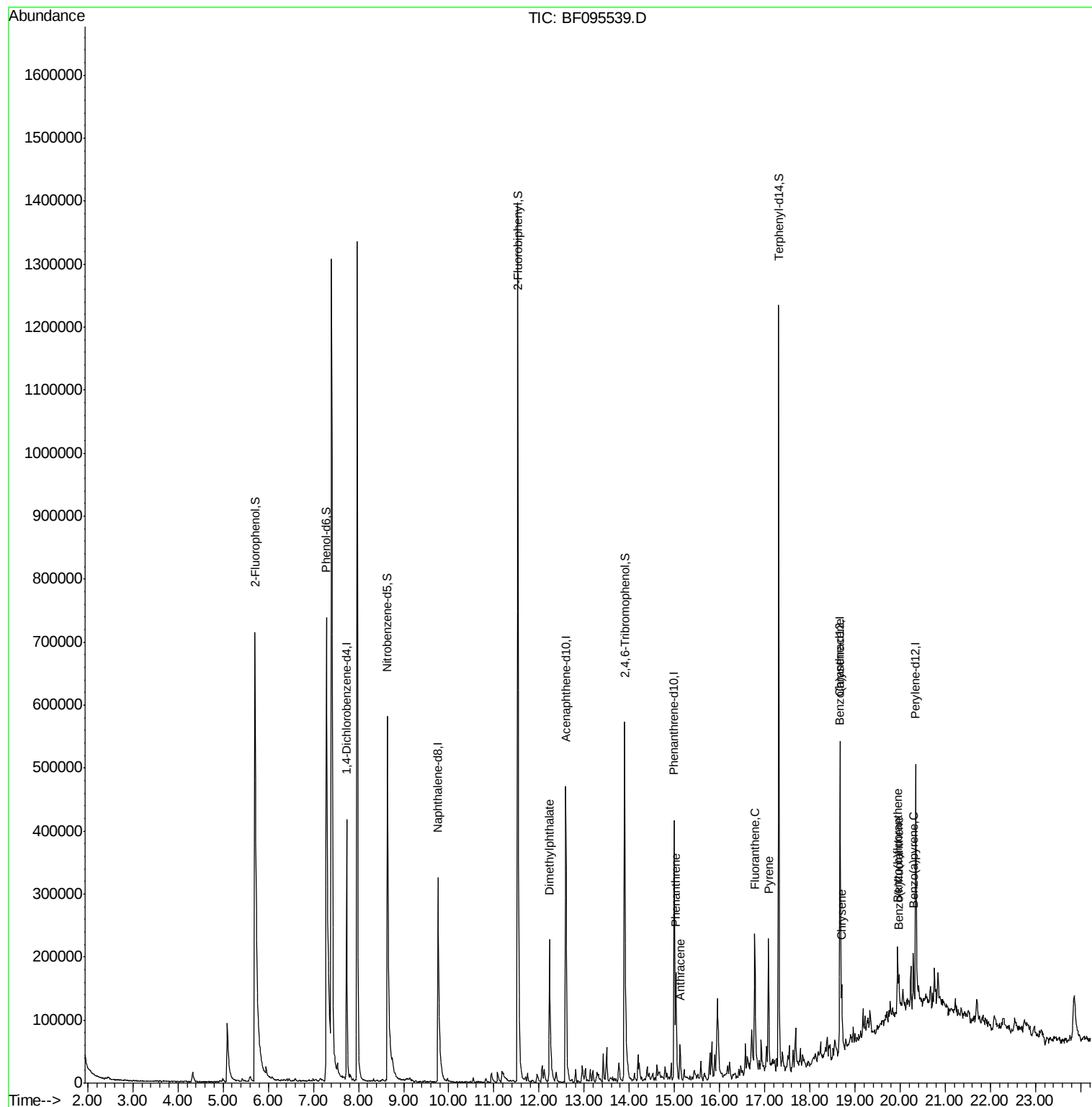
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
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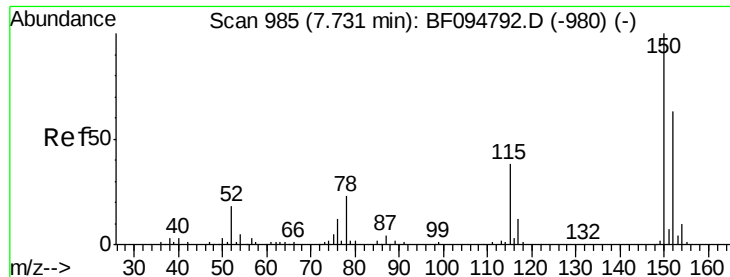
Instrument :
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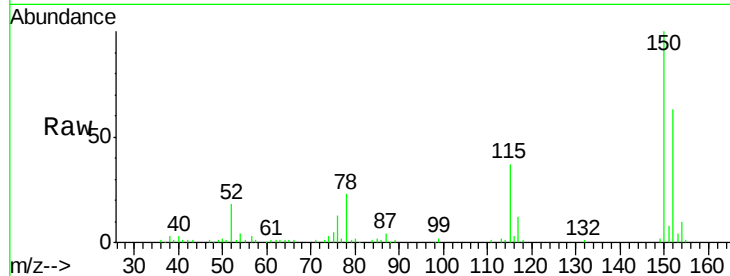
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.74 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF095539.D
 Acq: 30 May 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.2	189.2
115	58.8	52.2	78.2

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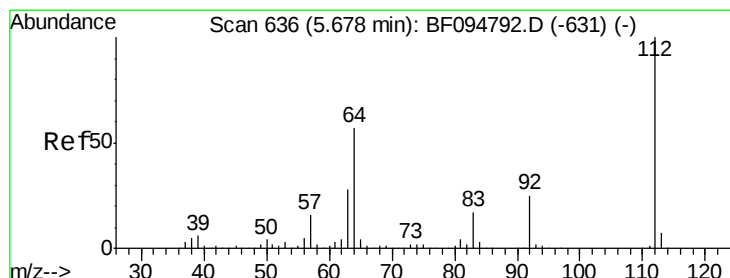
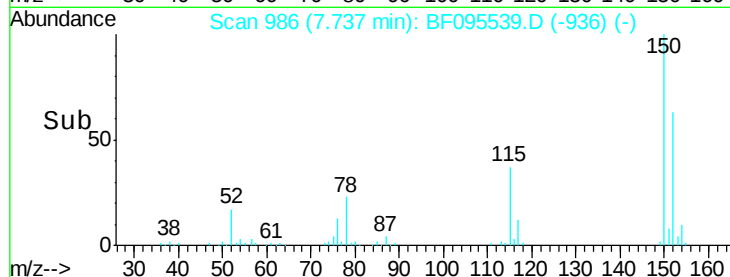
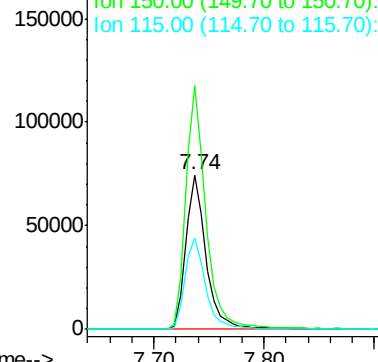


Abundance

Ion 152.00 (151.70 to 152.70): E

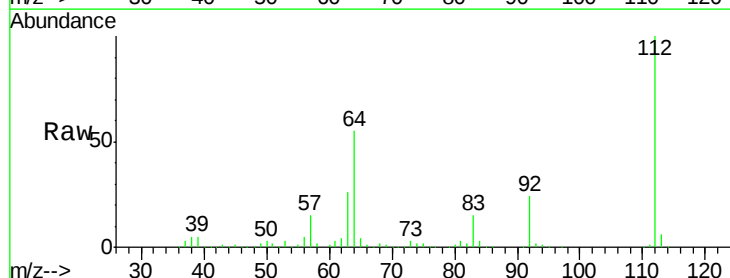
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 116.04 ng
 RT: 5.71 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF095539.D
 Acq: 30 May 2017 17:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.0	69.0
63	26.0	23.4	35.0

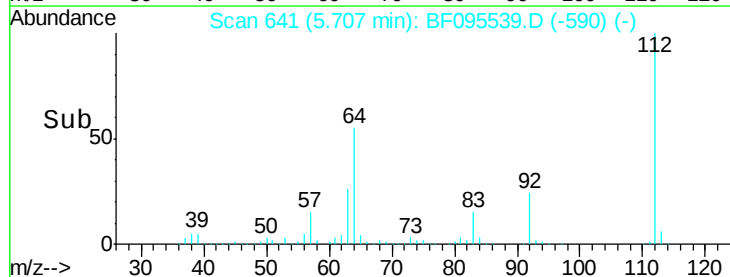
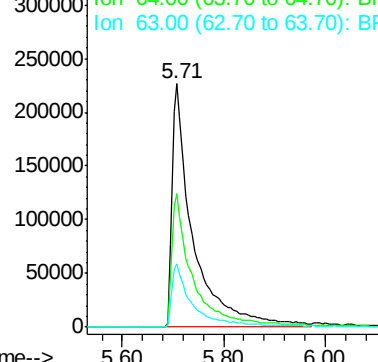


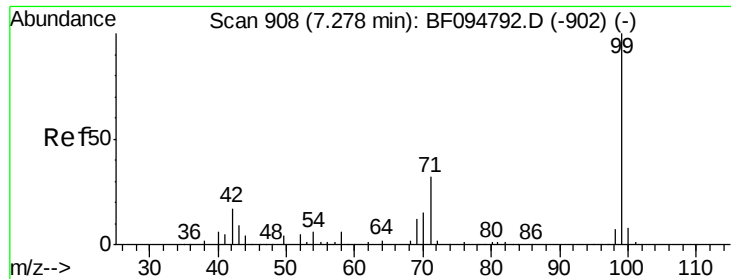
Abundance

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: 118.82 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF095539.D

Acq: 30 May 2017 17:12

Instrument :

BNA_F

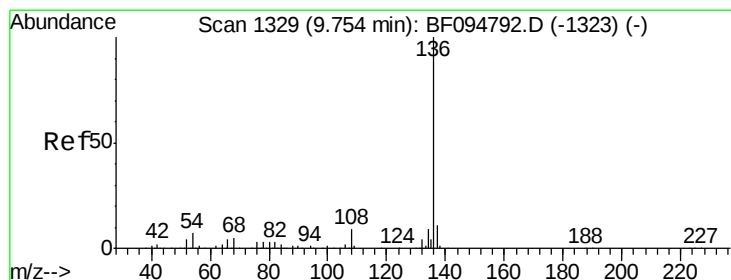
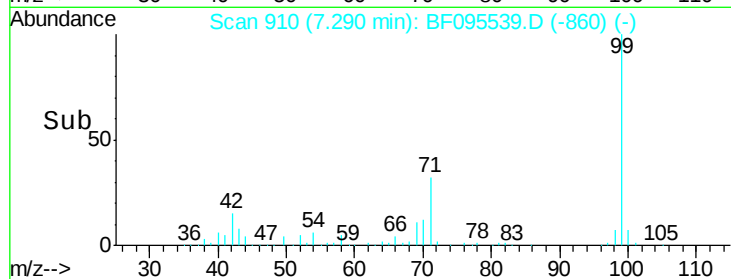
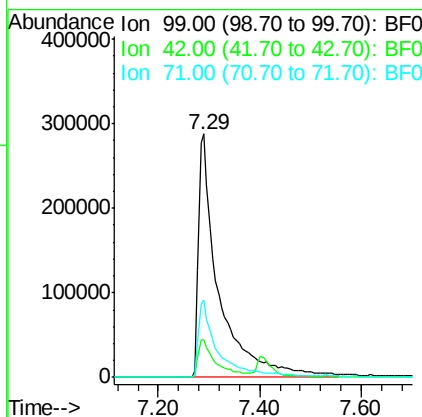
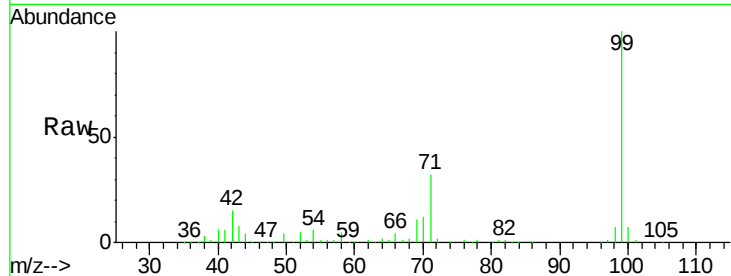
ClientSampleId :

R1-TP11-D78

Tgt Ion:	99	Resp:	801188
Ion Ratio	Lower	Upper	
99	100		
42	15.2	13.5	20.3
71	31.7	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

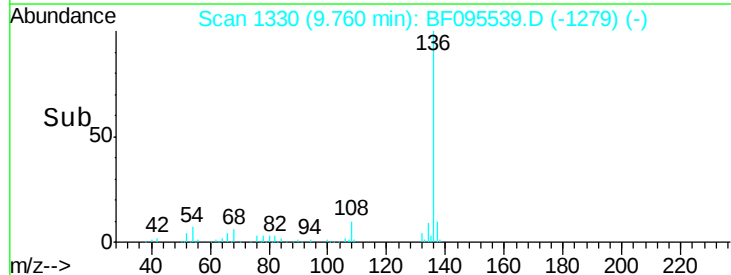
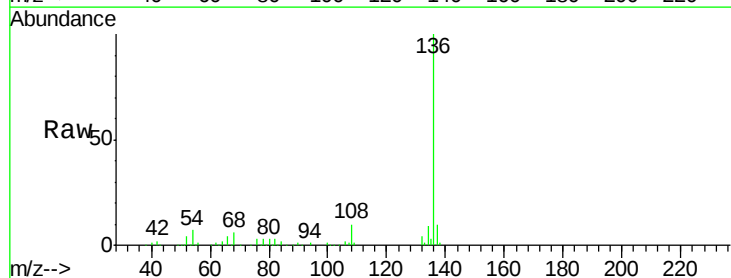
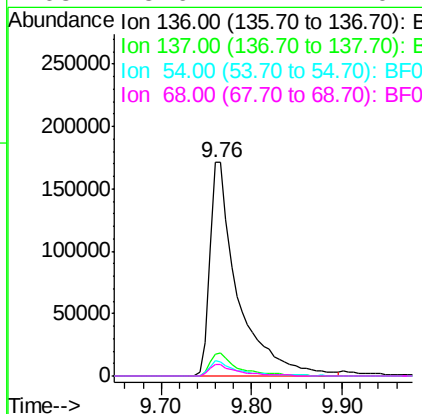
RT: 9.76 min Scan# 1330

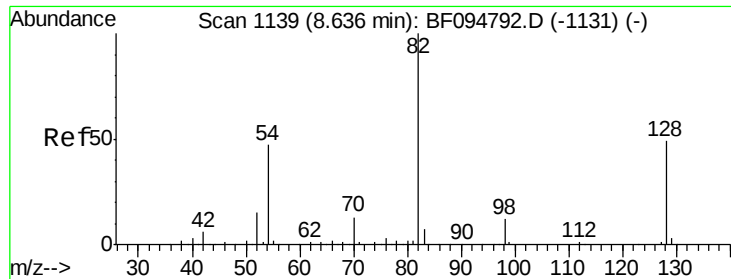
Delta R.T. 0.00 min

Lab File: BF095539.D

Acq: 30 May 2017 17:12

Tgt Ion:	136	Resp:	367692
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.5	12.7
54	7.0	4.9	7.3
68	5.6	4.1	6.1





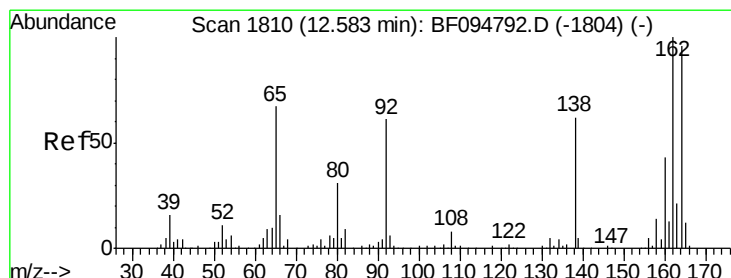
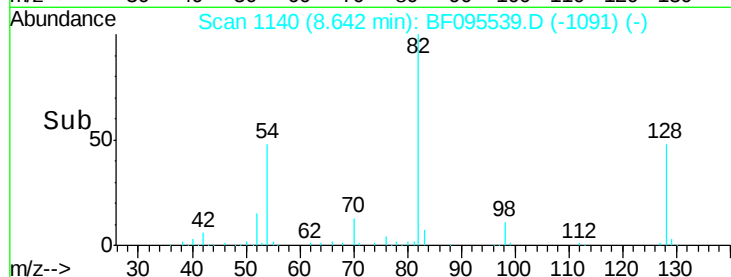
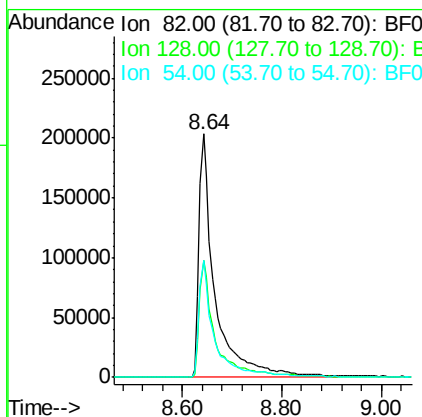
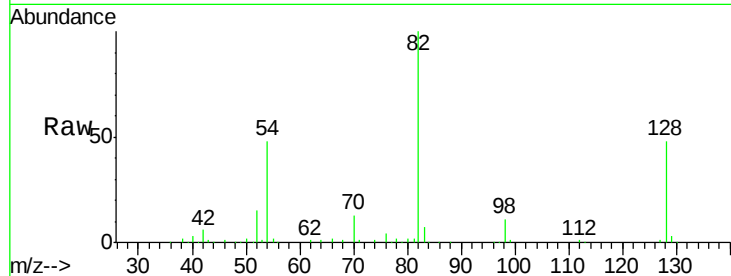
#23
 Nitrobenzene-d5
 Concen: 78.35 ng
 RT: 8.64 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF095539.D
 Acq: 30 May 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP11-D78

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	456863		
128	48.2	34.0	51.0	
54	47.8	42.2	63.2	

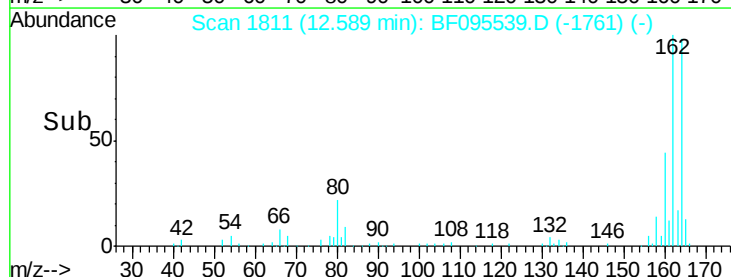
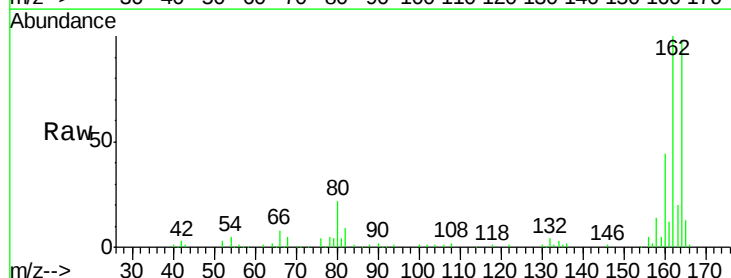
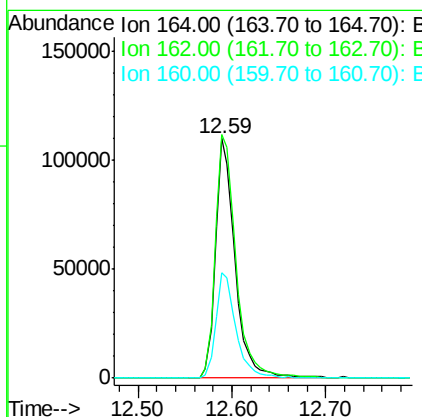
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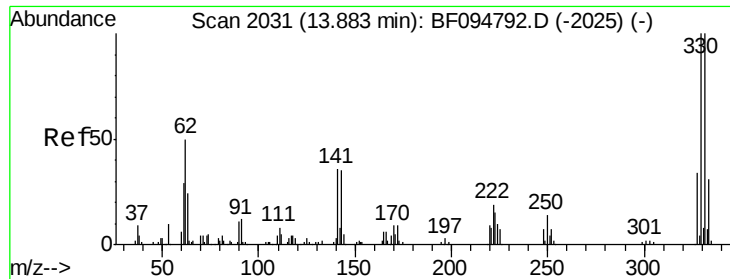
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.59 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BF095539.D
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Tgt Ion	Ratio	Resp	Lower	Upper
164	100	160698		
162	101.8	82.6	123.8	
160	44.3	36.2	54.2	





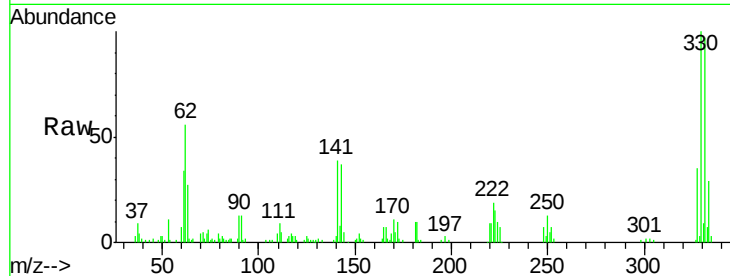
#41
 2,4,6-Tribromophenol
 Concen: 93.86 ng
 RT: 13.90 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095539.D
 Acq: 30 May 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP11-D78

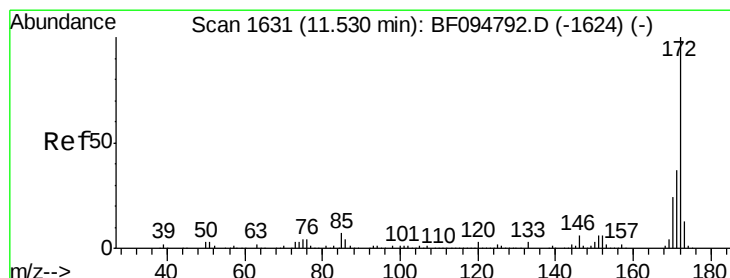
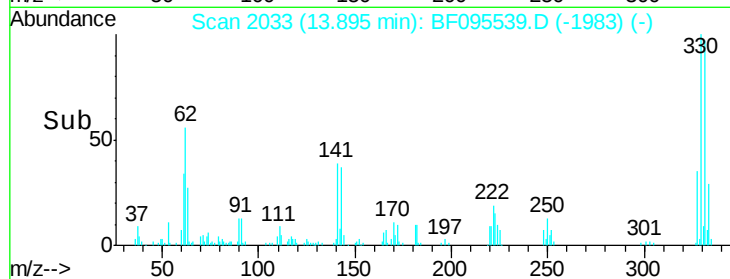
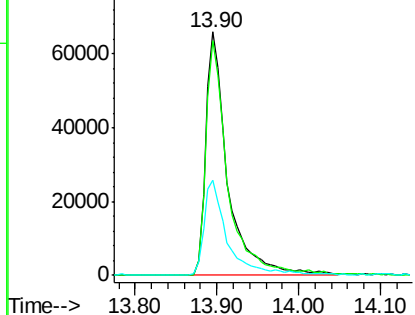
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	123523		
332	94.3	76.6	115.0	
141	39.9	31.4	47.2	

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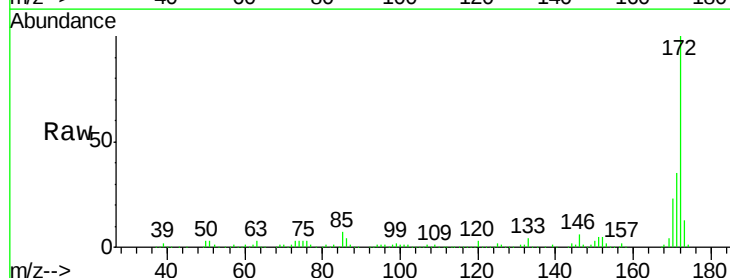


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

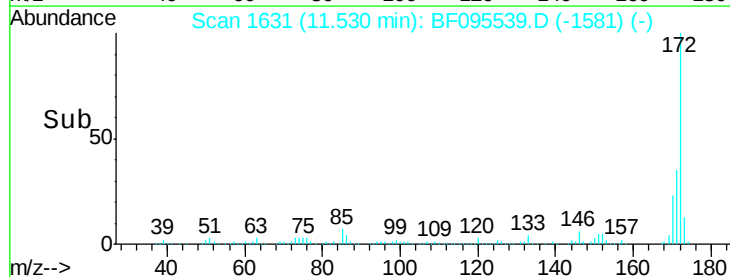
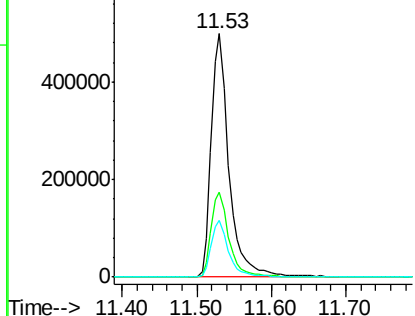


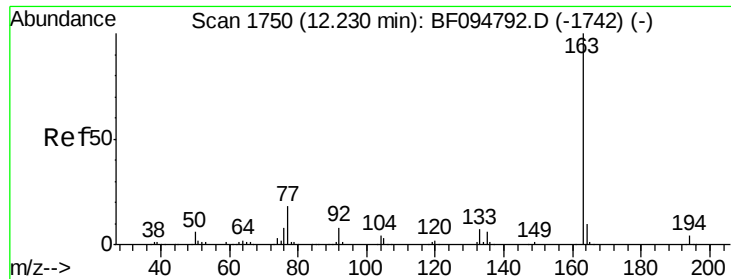
#44
 2-Fluorobiphenyl
 Concen: 73.61 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095539.D
 Acq: 30 May 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	821811		
171	35.1	29.6	44.4	
170	23.4	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





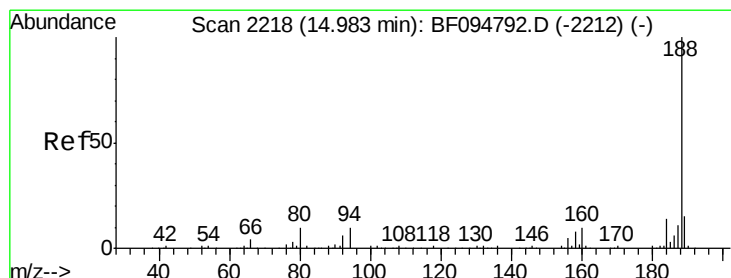
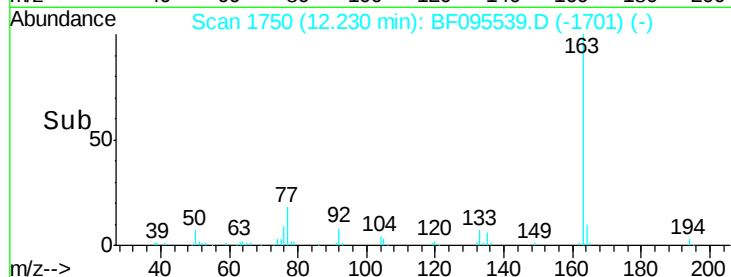
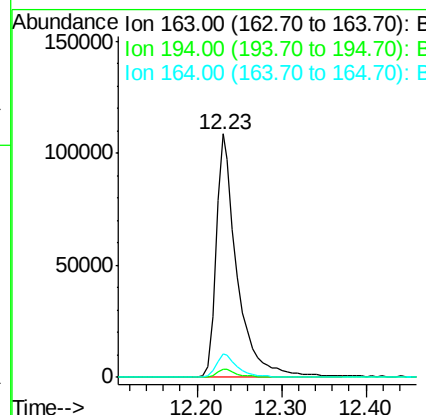
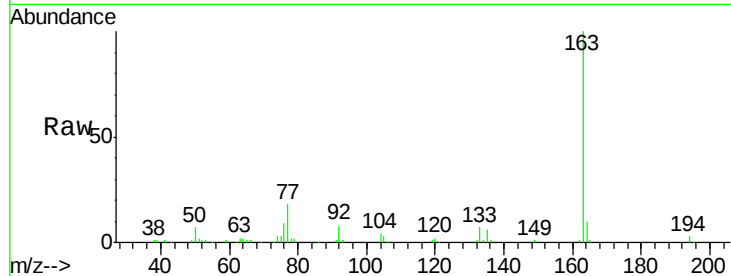
#49
Dimethylphthalate
Concen: 14.37 ng
RT: 12.23 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BF095539.D
Acq: 30 May 2017 17:12

Instrument :
BNA_F
ClientSampleId :
R1-TP11-D78

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	2.6	4.0
164	9.9	8.4	12.6

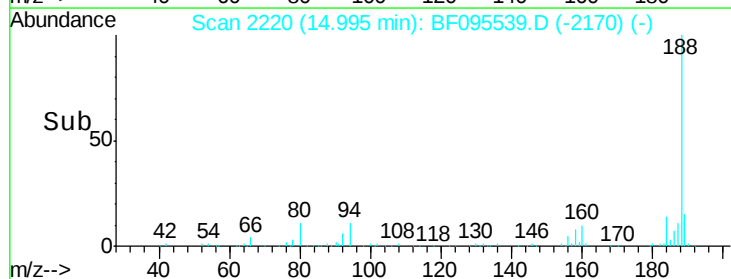
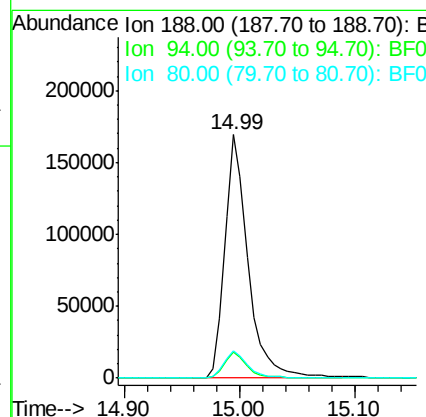
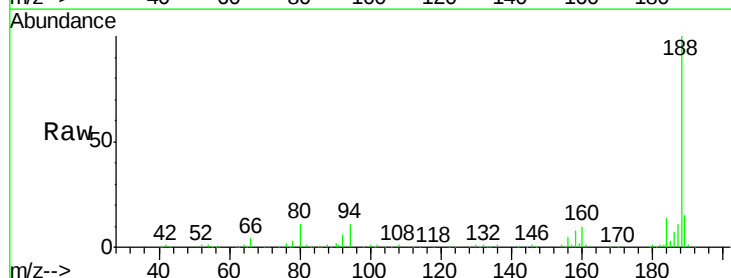
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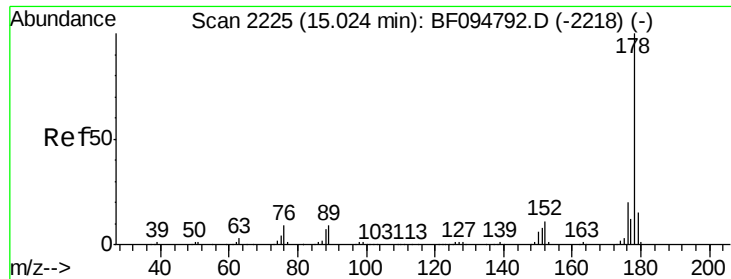
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.99 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF095539.D
Acq: 30 May 2017 17:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.9	9.4	14.2
80	11.4	10.2	15.2





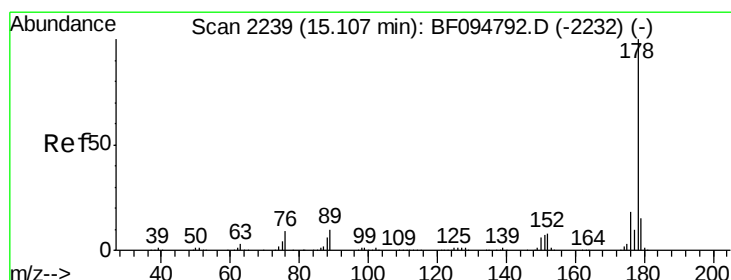
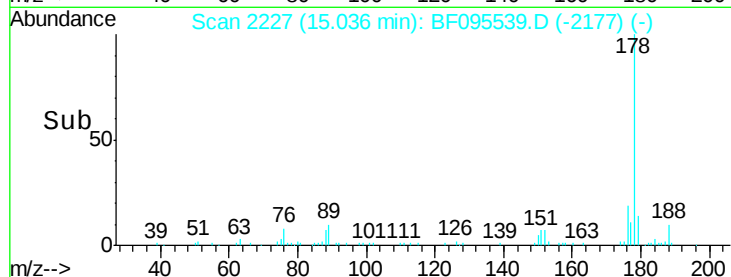
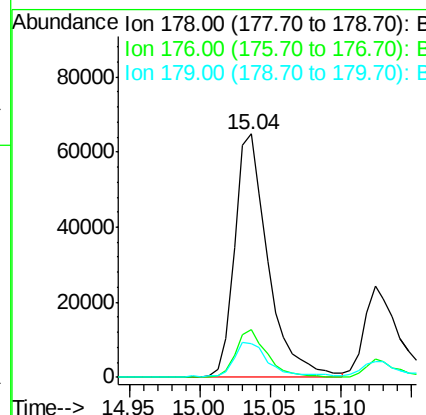
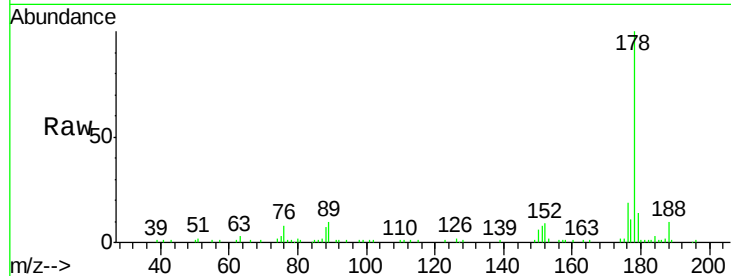
#70
Phenanthrene
Concen: 7.83 ng
RT: 15.04 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF095539.D
Acq: 30 May 2017 17:12

Instrument :
BNA_F
ClientSampleId :
R1-TP11-D78

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	14.0	12.6	19.0

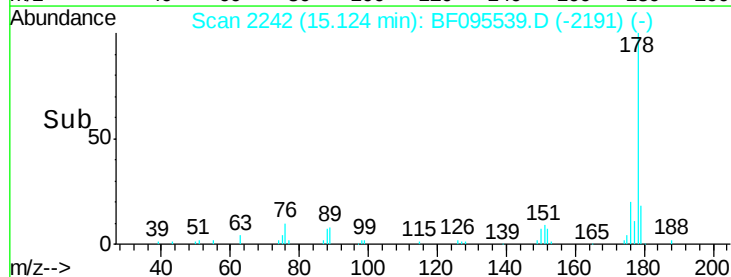
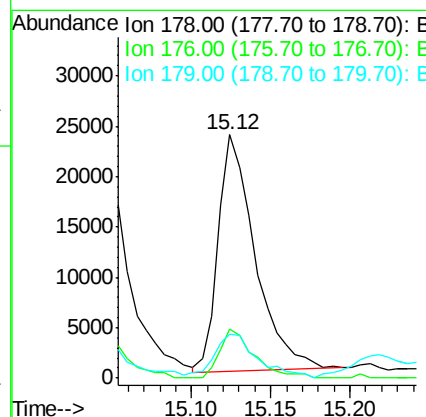
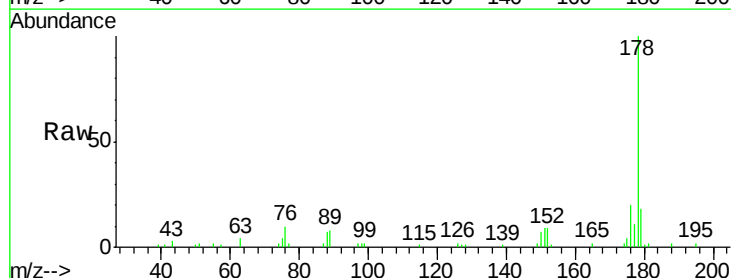
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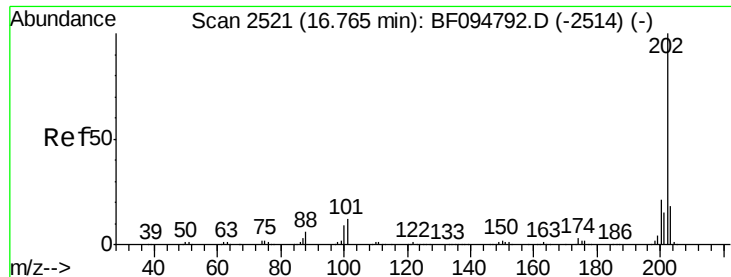
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#71
Anthracene
Concen: 2.73 ng
RT: 15.12 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BF095539.D
Acq: 30 May 2017 17:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	18.0	12.7	19.1





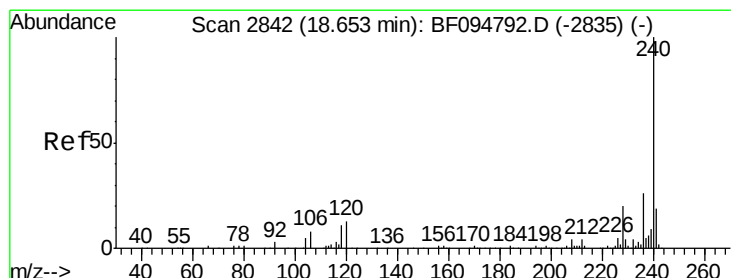
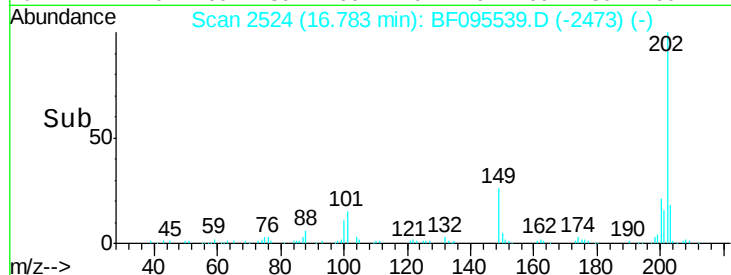
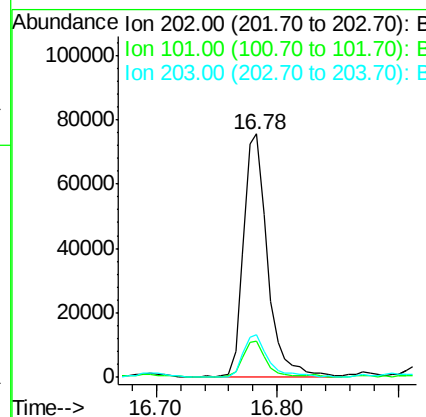
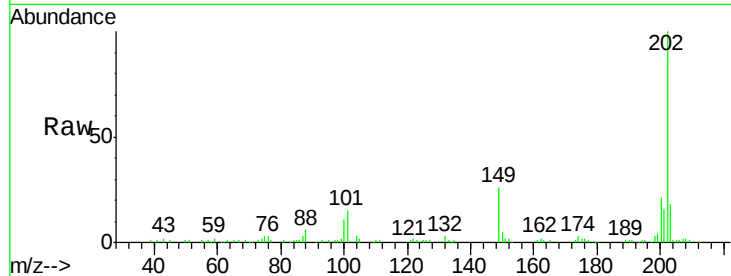
#74
Fluoranthene
 Concen: 7.57 ng
 RT: 16.78 min Scan# 2524
 Delta R.T. 0.00 min
 Lab File: BF095539.D
 Acq: 30 May 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP11-D78

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.0	0.0	33.2
203	17.7	0.0	38.1

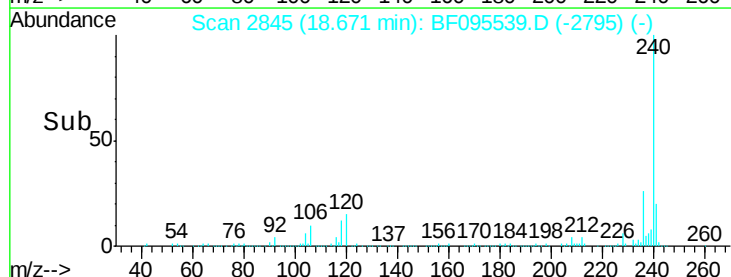
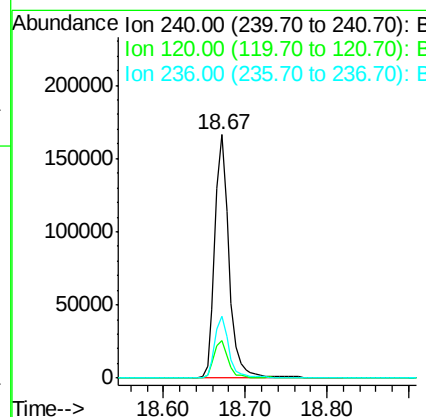
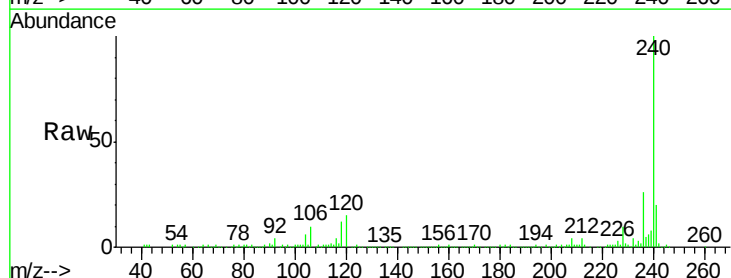
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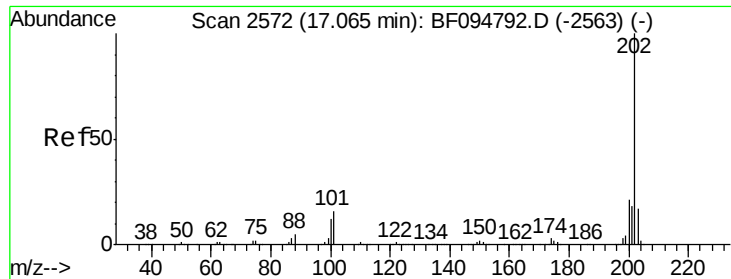
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BF095539.D
 Acq: 30 May 2017 17:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	15.2	5.8	8.8#
236	25.6	20.5	30.7





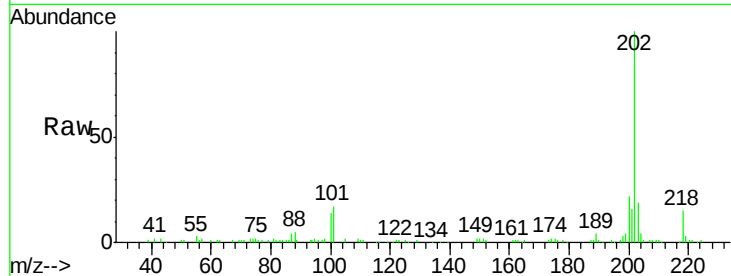
#77
 Pyrene
 Concen: 6.00 ng
 RT: 17.08 min Scan# 2575
 Delta R.T. -0.01 min
 Lab File: BF095539.D
 Acq: 30 May 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP11-D78

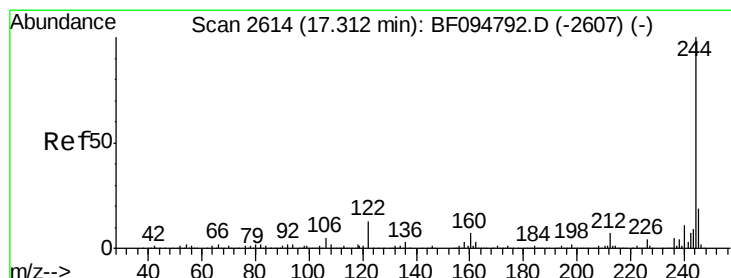
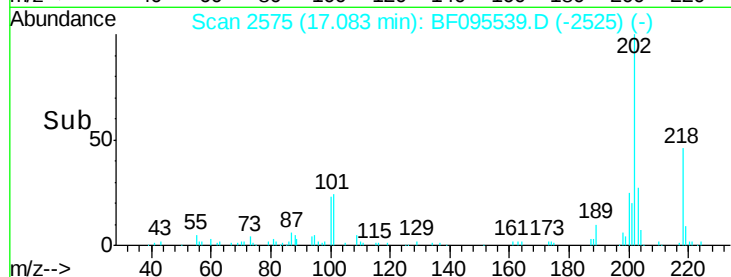
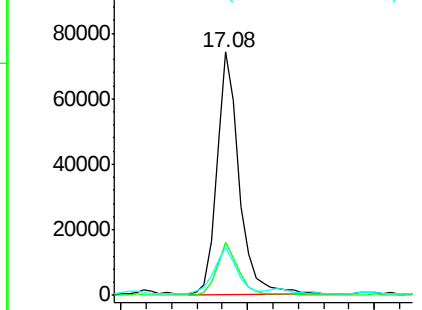
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	91340		
200	21.6		17.6	26.4
203	19.4		14.4	21.6

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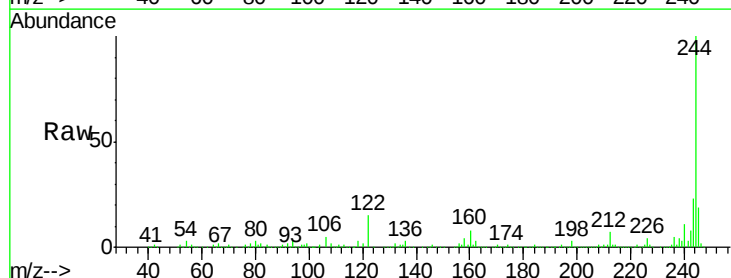


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

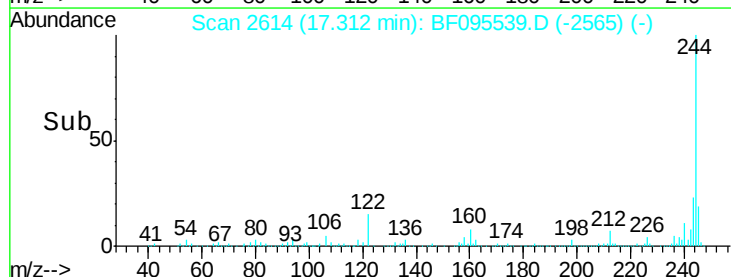
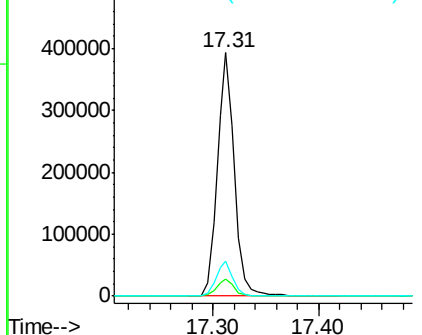


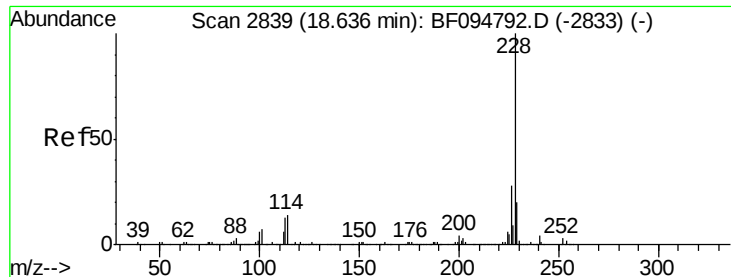
#78
 Terphenyl-d14
 Concen: 48.30 ng
 RT: 17.31 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BF095539.D
 Acq: 30 May 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	446281		
212	7.1		6.0	9.0
122	14.6		10.3	15.5



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





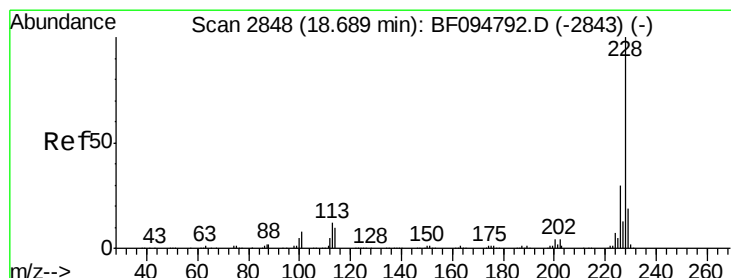
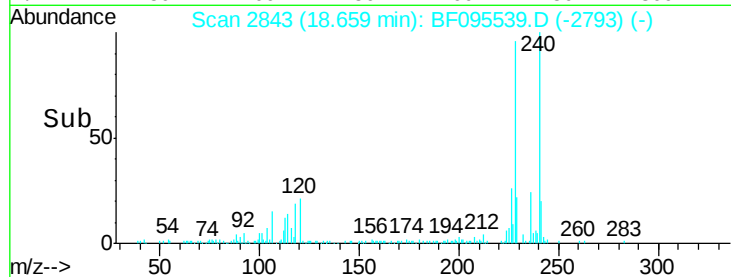
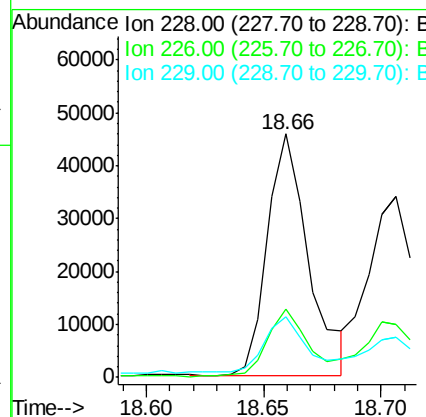
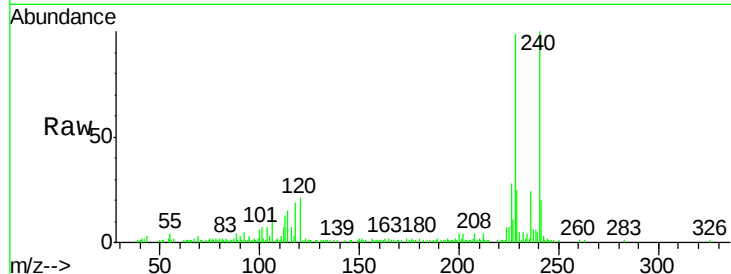
#80
Benzo(a)anthracene
Concen: 4.70 ng m
RT: 18.66 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BF095539.D
Acq: 30 May 2017 17:12

Instrument :
BNA_F
ClientSampleId :
R1-TP11-D78

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	24.8	16.3	24.5

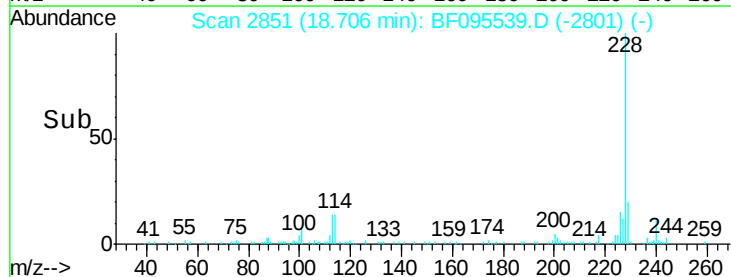
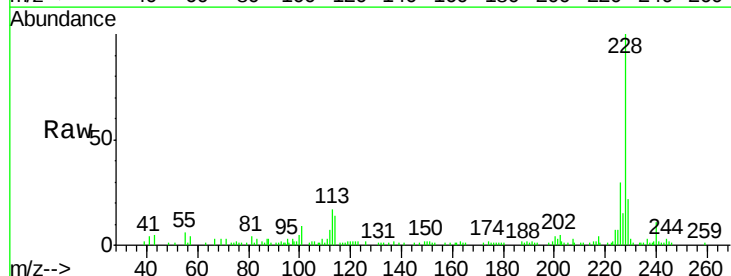
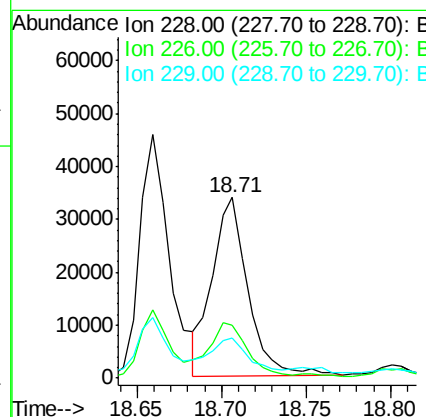
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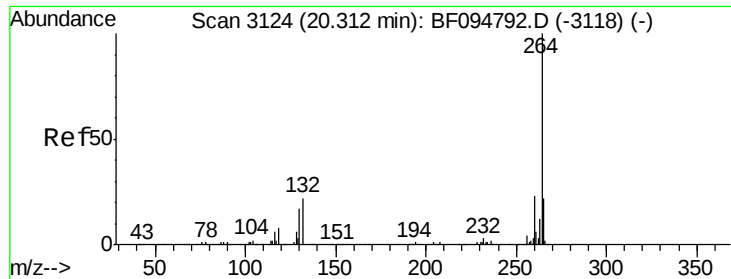
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#82
Chrysene
Concen: 4.38 ng
RT: 18.71 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF095539.D
Acq: 30 May 2017 17:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	22.0	15.8	23.6





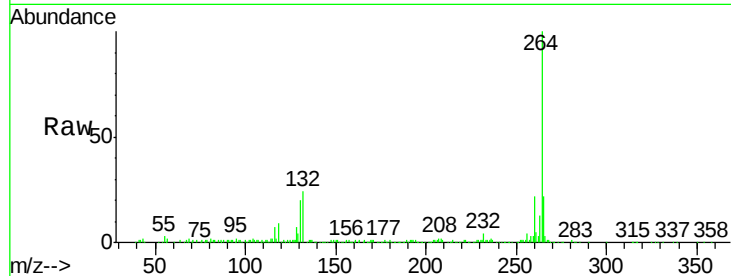
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BF095539.D
Acq: 30 May 2017 17:12

Instrument :
BNA_F
ClientSampleId :
R1-TP11-D78

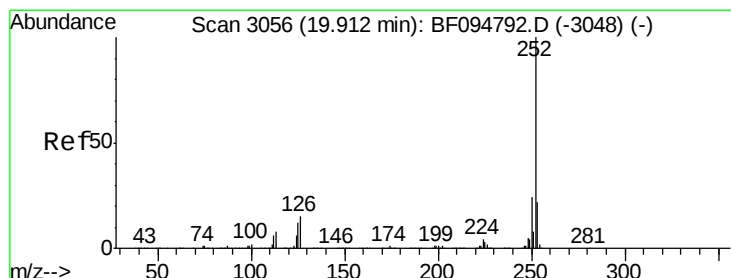
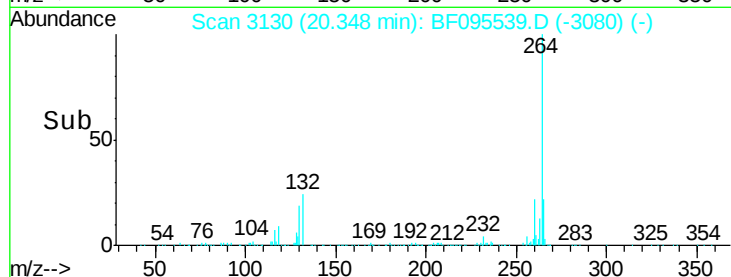
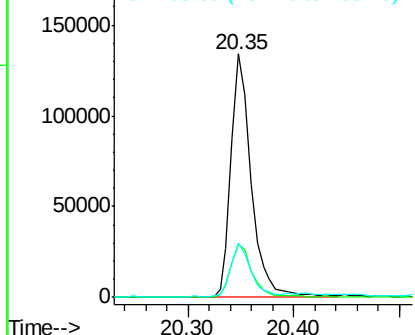
Tgt Ion	Ratio	Resp	Lower	Upper
264	100	179209		
260	22.0		19.5	29.3
265	22.0		17.2	25.8

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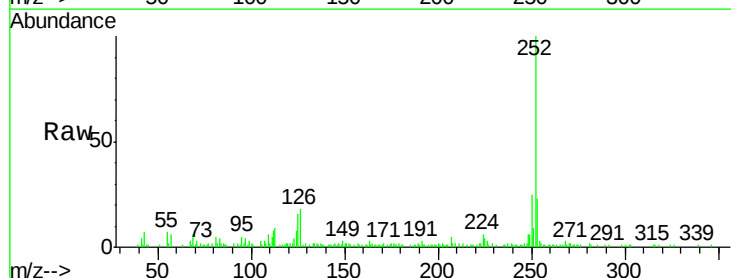


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

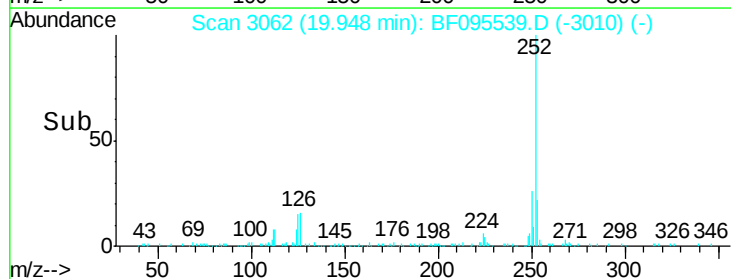
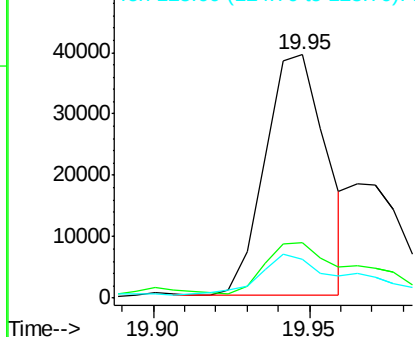


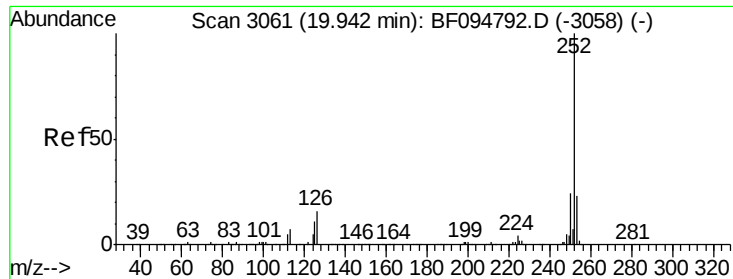
#87
Benzo(b)fluoranthene
Concen: 4.83 ng m
RT: 19.95 min Scan# 3062
Delta R.T. 0.01 min
Lab File: BF095539.D
Acq: 30 May 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	53459		
253	22.7		18.1	27.1
125	15.9		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





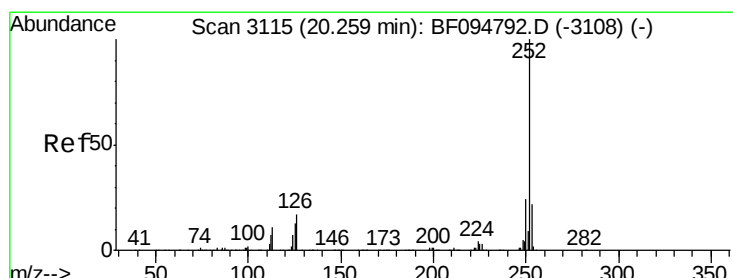
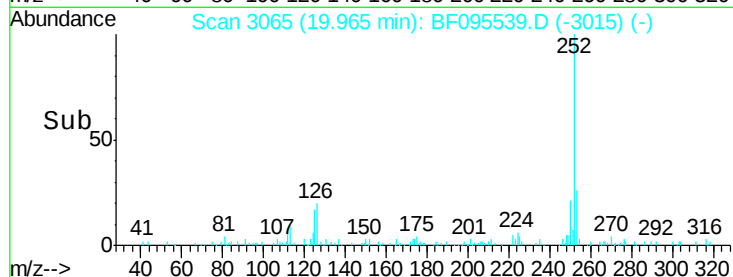
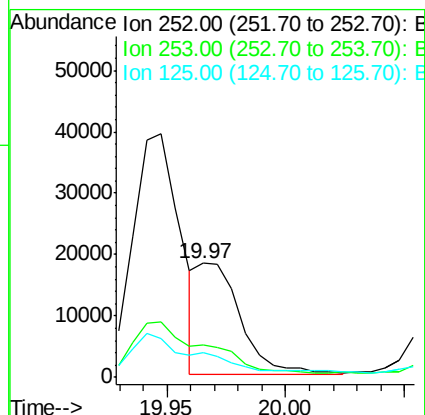
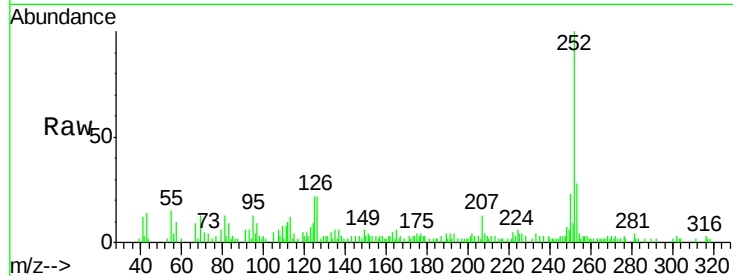
#88
Benzo(k)fluoranthene
Concen: 2.13 ng m
RT: 19.97 min Scan# 3065
Delta R.T. -0.01 min
Lab File: BF095539.D
Acq: 30 May 2017 17:12

Instrument :
BNA_F
ClientSampleId :
R1-TP11-D78

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.4	27.6#
125	21.7	13.1	19.7#

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#89
Benzo(a)pyrene
Concen: 3.39 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BF095539.D
Acq: 30 May 2017 17:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.5	26.3
125	16.6	11.0	16.4#

