

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
 Data File : BF096169.D
 Acq On : 23 Jun 2017 20:25
 Operator : SJ/MA
 Sample : I3784-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P.56-B-COMP

Manual Integrations
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Quant Time: Jun 24 00:43:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	70515	20.00	ng	-0.04
21) Naphthalene-d8	9.29	136	295107	20.00	ng	-0.04
38) Acenaphthene-d10	12.11	164	133976	20.00	ng	-0.04
63) Phenanthrene-d10	14.50	188	231089	20.00	ng	-0.04
75) Chrysene-d12	18.24	240	153174	20.00	ng	-0.03
86) Perylene-d12	19.92	264	138023	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	558342	126.17	ng	-0.04
7) Phenol-d6	6.84	99	675451	127.50	ng	-0.04
23) Nitrobenzene-d5	8.19	82	393938	82.90	ng	-0.04
41) 2,4,6-Tribromophenol	13.42	330	141202	119.12	ng	-0.04
44) 2-Fluorobiphenyl	11.07	172	619701	64.37	ng	-0.04
78) Terphenyl-d14	16.90	244	439725	71.24	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	11.77	163	144753	14.23	ng	98
70) Phenanthrene	14.54	178	77178	5.79	ng	96
74) Fluoranthene	16.34	202	102130	7.74	ng	97
77) Pyrene	16.64	202	94880	8.30	ng	# 95
80) Benzo(a)anthracene	18.24	228	34559	3.88	ng	96
82) Chrysene	18.29	228	35913	4.04	ng	96
85) Indeno(1,2,3-cd)pyrene	21.10	276	19221	2.52	ng	100
87) Benzo(b)fluoranthene	19.53	252	35347m	4.09	ng	
89) Benzo(a)pyrene	19.87	252	29275	3.69	ng	# 91
91) Benzo(g,h,i)perylene	21.43	276	17285	2.52	ng	# 88

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

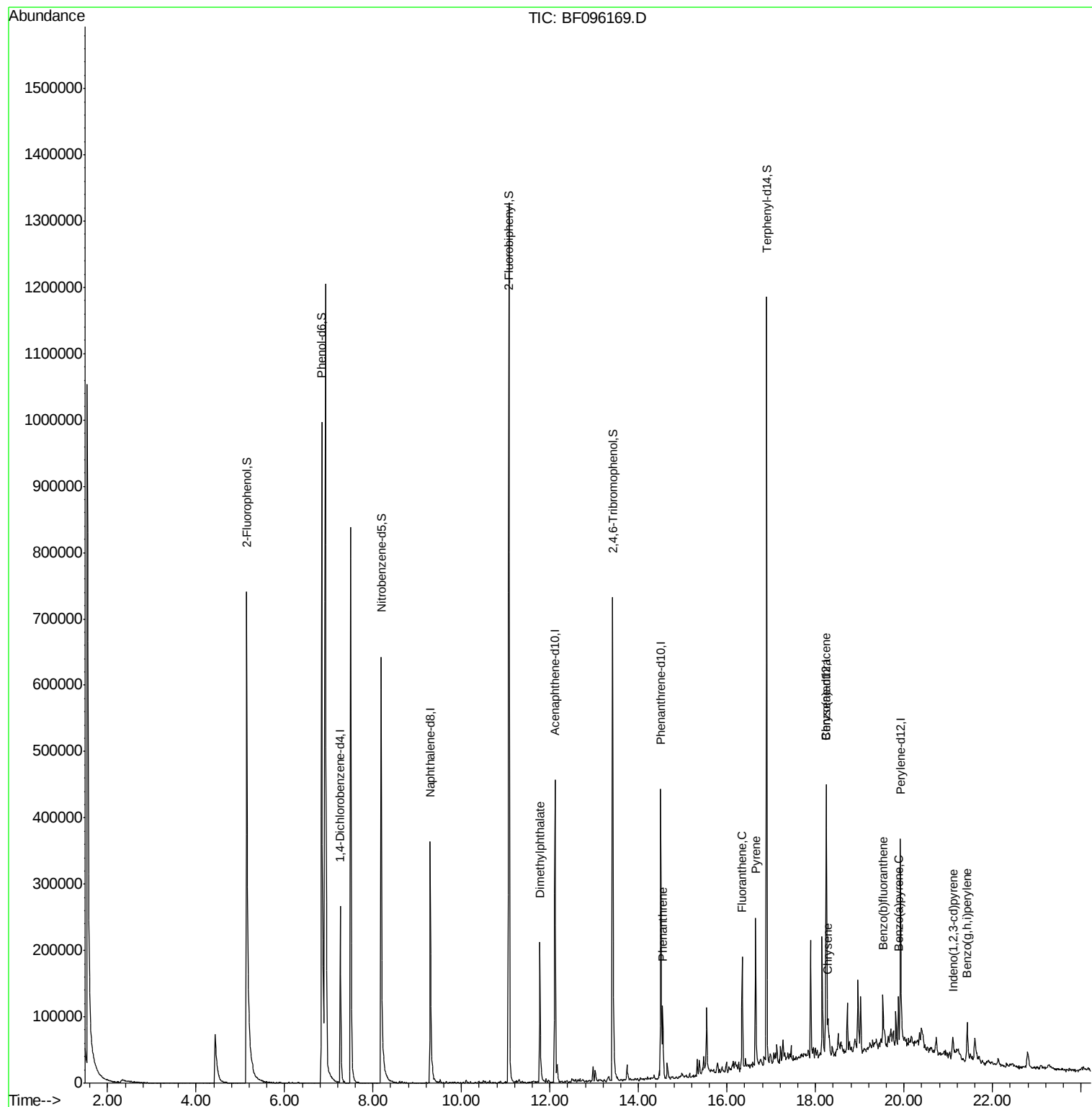
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096169.D
Acq On : 23 Jun 2017 20:25
Operator : SJ/MA
Sample : I3784-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

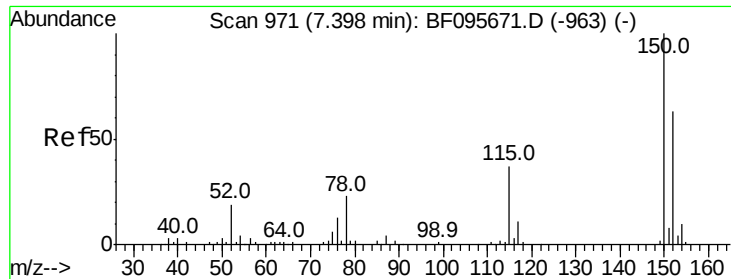
Instrument :
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#1

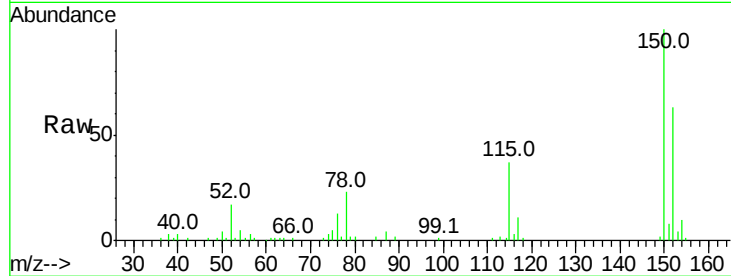
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 981
Delta R.T. -0.04 min
Lab File: BF096169.D
Acq: 23 Jun 2017 20:25

Instrument :
BNA_F
ClientSampleId :
P.56-B-COMP

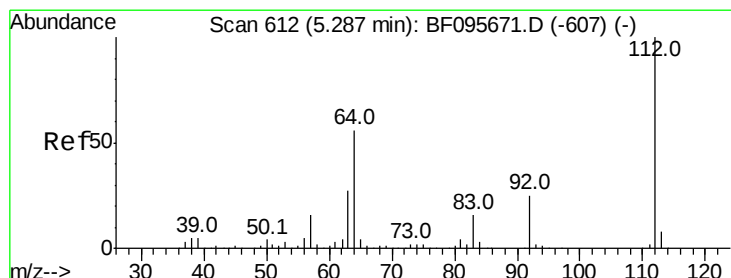
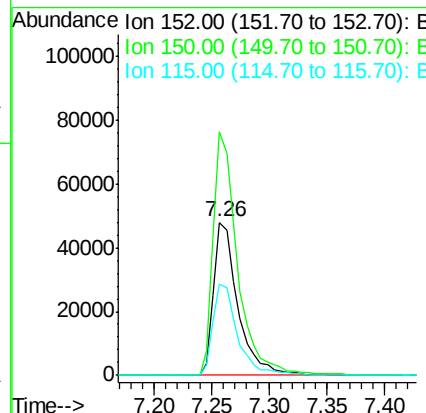
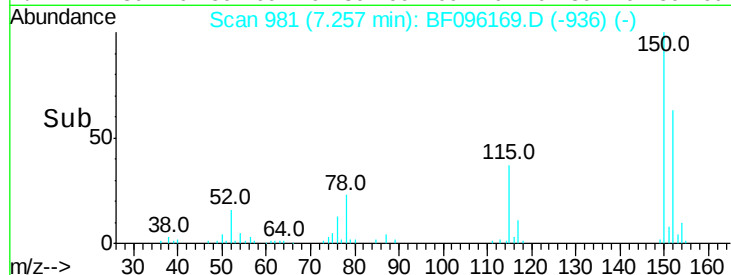
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	126.2	189.2
115	59.4	52.2	78.2

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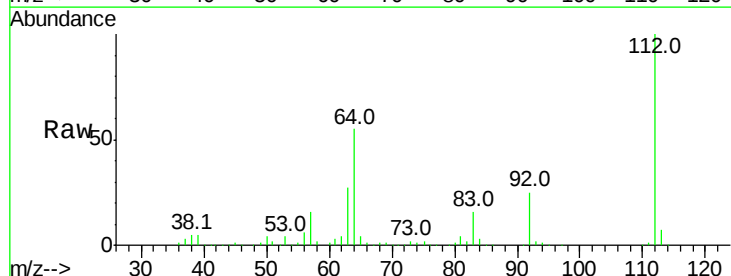
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



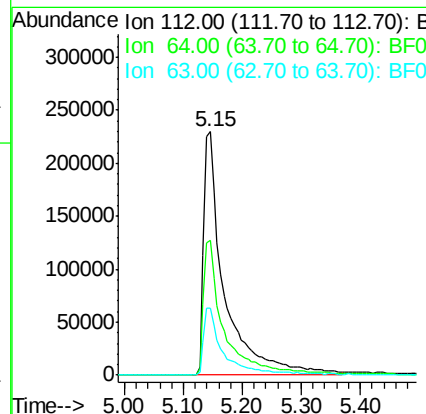
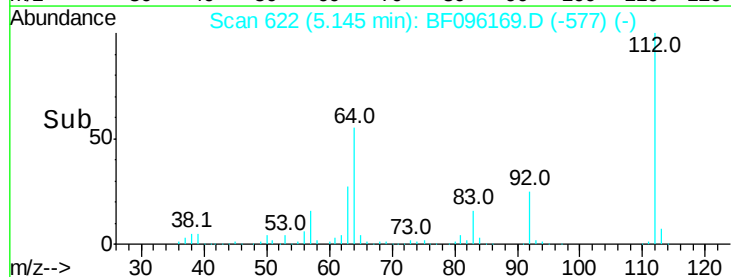
#5

2-Fluorophenol
Concen: 126.17 ng
RT: 5.15 min Scan# 622
Delta R.T. -0.04 min
Lab File: BF096169.D
Acq: 23 Jun 2017 20:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	46.0	69.0
63	27.3	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: 127.50 ng

RT: 6.84 min Scan# 910

Delta R.T. -0.04 min

Lab File: BF096169.D

Acq: 23 Jun 2017 20:25

Instrument :

BNA_F

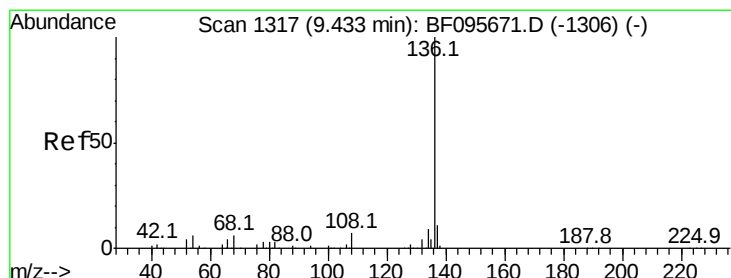
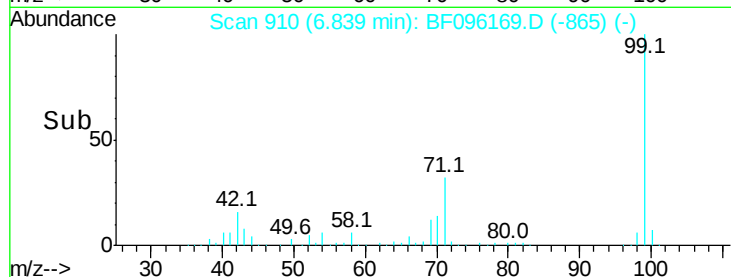
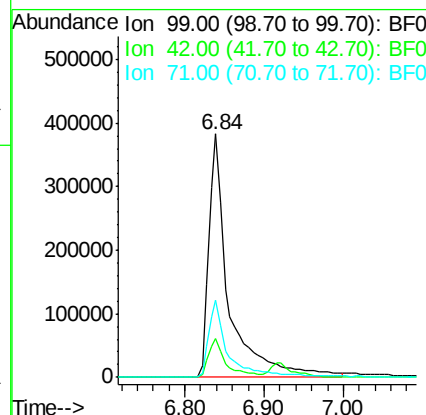
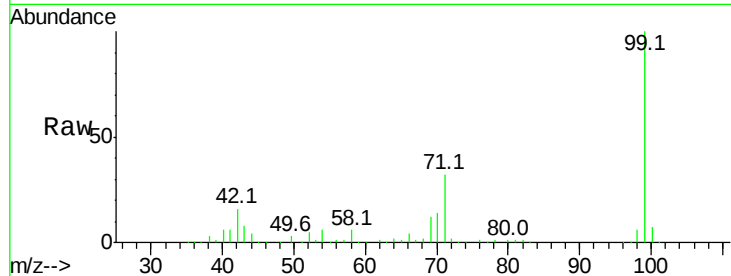
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		675451		
42	16.2	13.5	20.3		
71	31.8	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

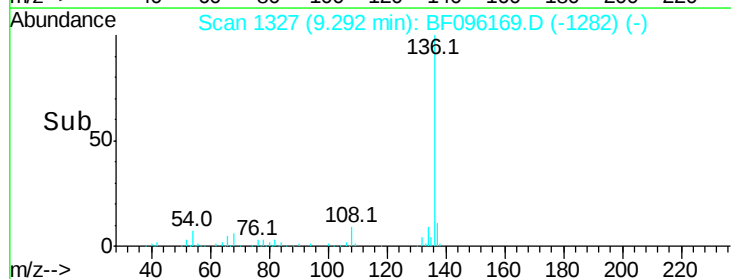
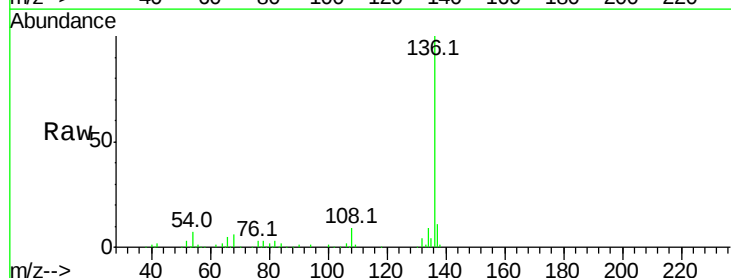
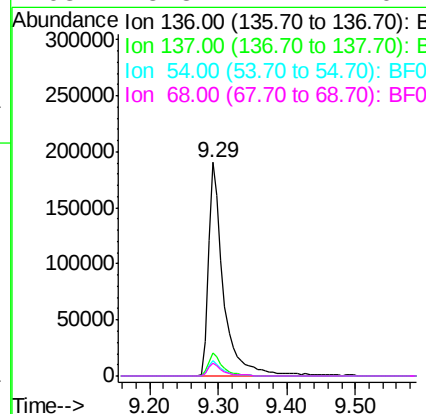
RT: 9.29 min Scan# 1327

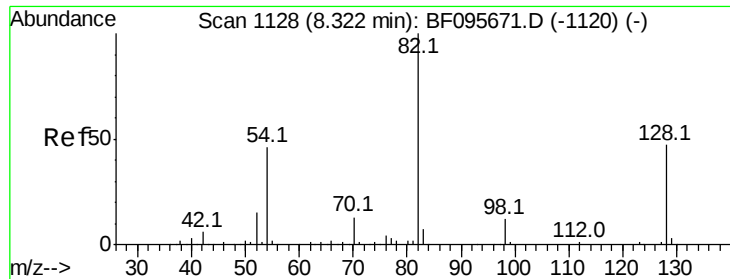
Delta R.T. -0.04 min

Lab File: BF096169.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		295107		
137	11.0	8.5	12.7		
54	7.3	4.9	7.3		
68	5.8	4.1	6.1		





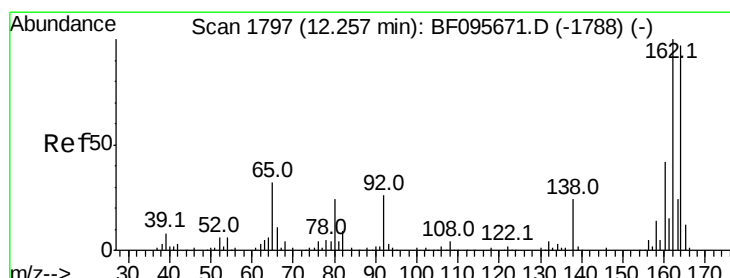
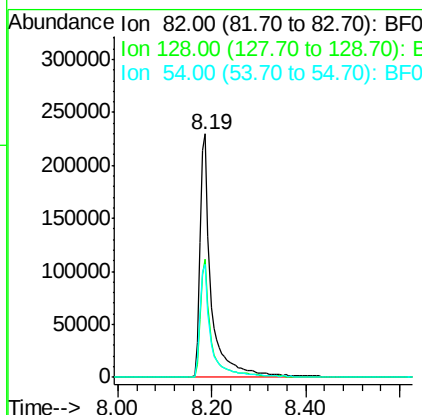
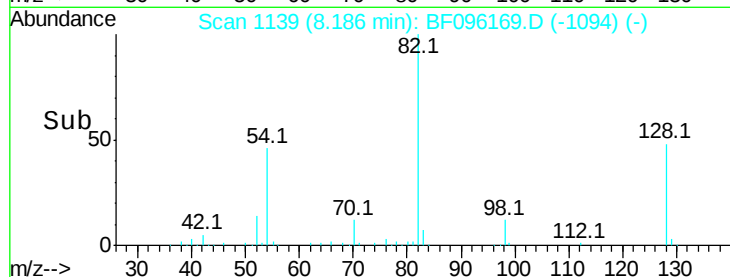
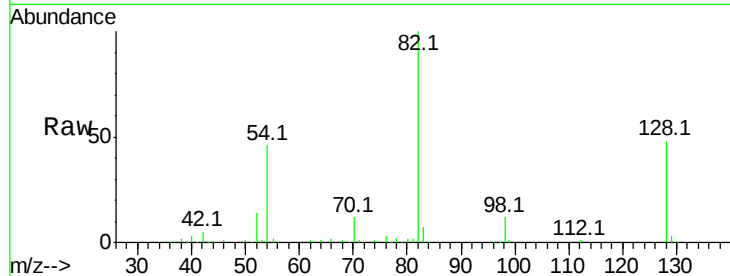
#23
 Nitrobenzene-d5
 Concen: 82.90 ng
 RT: 8.19 min Scan# 1139
 Delta R.T. -0.04 min
 Lab File: BF096169.D
 Acq: 23 Jun 2017 20:25

Instrument :
 BNA_F
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Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.0	51.0
54	46.3	42.2	63.2

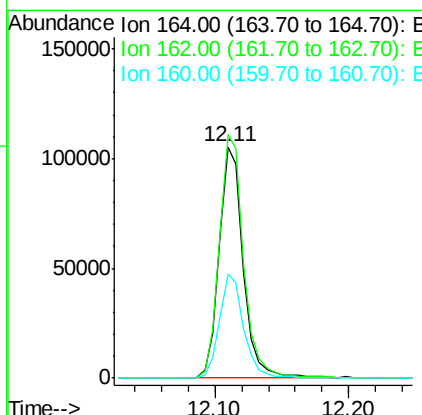
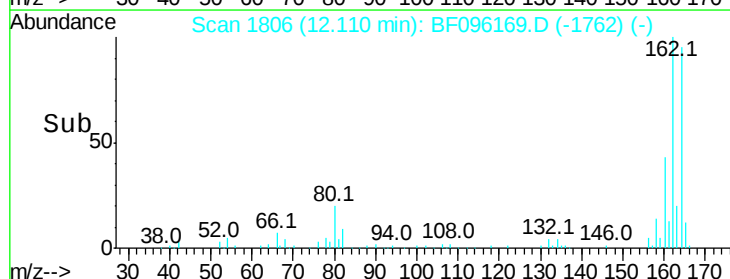
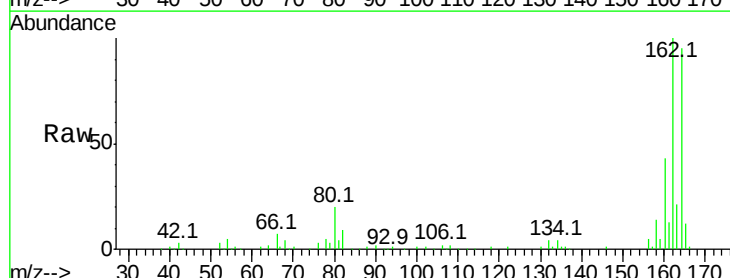
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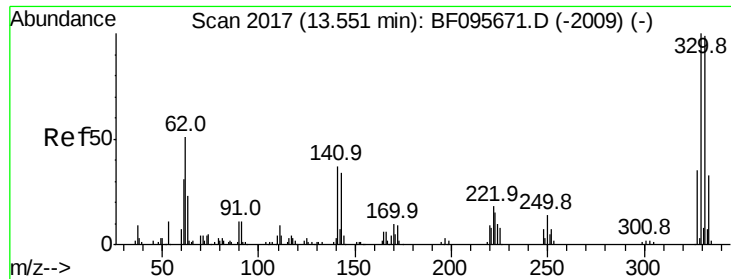
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.11 min Scan# 1806
 Delta R.T. -0.04 min
 Lab File: BF096169.D
 Acq: 23 Jun 2017 20:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.6	123.8
160	45.2	36.2	54.2





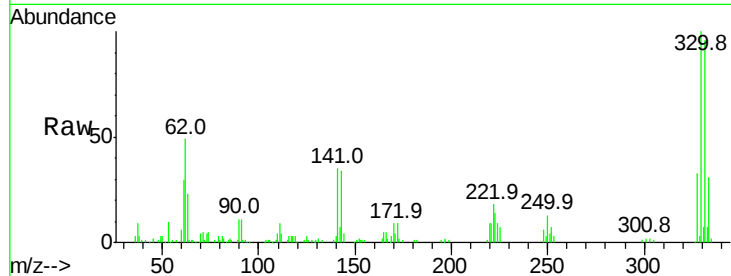
#41
2,4,6-Tribromophenol
Concen: 119.12 ng
RT: 13.42 min Scan# 2028
Delta R.T. -0.04 min
Lab File: BF096169.D
Acq: 23 Jun 2017 20:25

Instrument :
BNA_F
ClientSampleId :
P.56-B-COMP

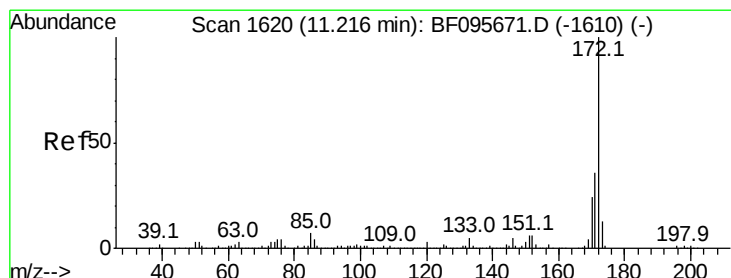
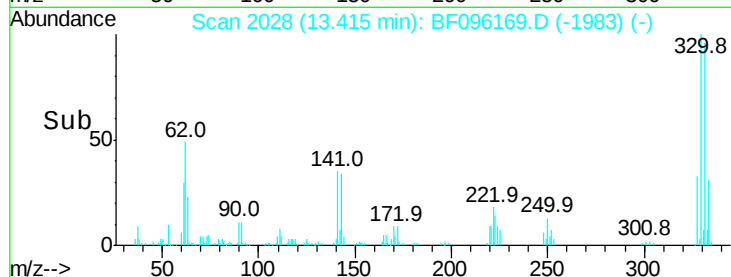
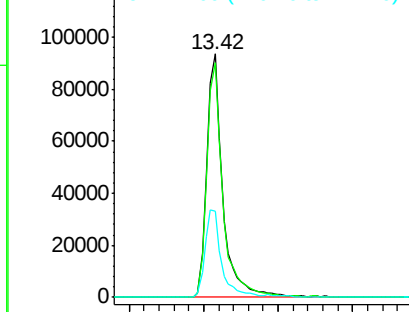
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	37.8	31.4	47.2

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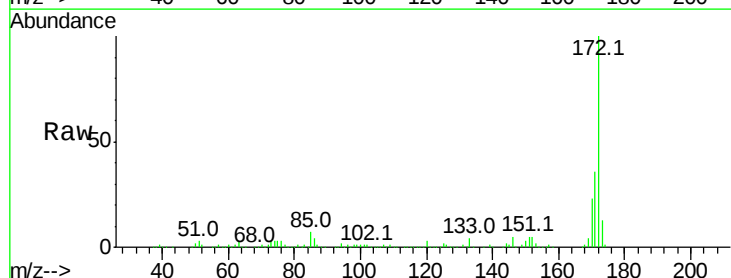


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

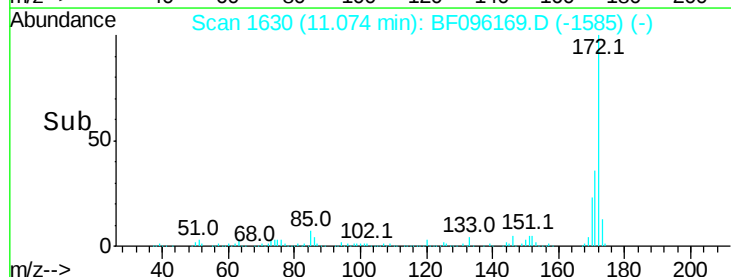
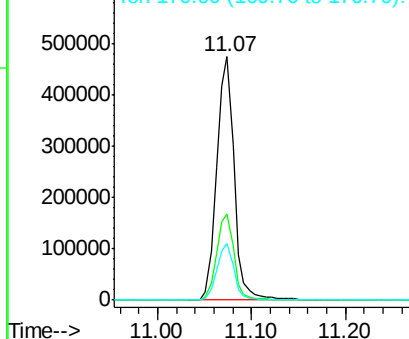


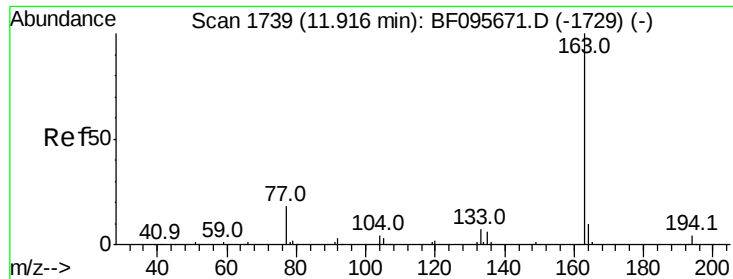
#44
2-Fluorobiphenyl
Concen: 64.37 ng
RT: 11.07 min Scan# 1630
Delta R.T. -0.04 min
Lab File: BF096169.D
Acq: 23 Jun 2017 20:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.3	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





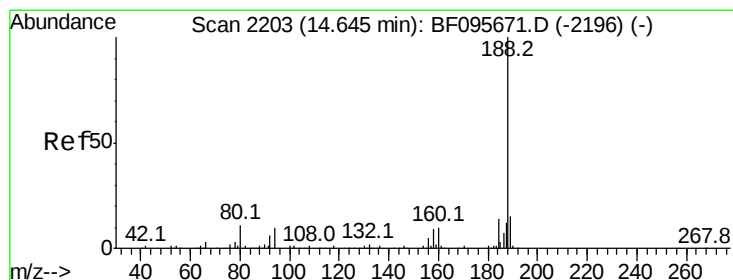
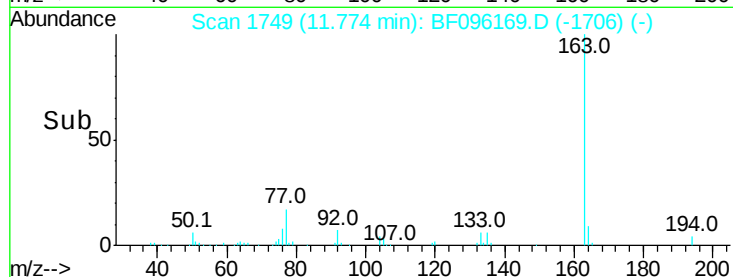
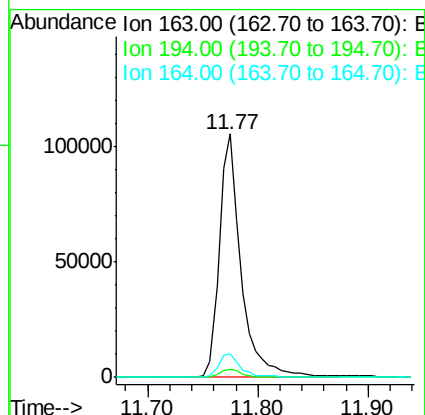
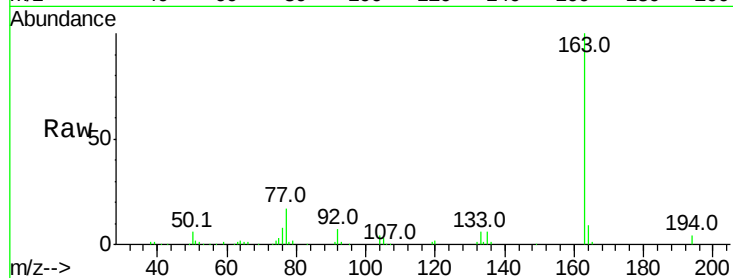
#49
Dimethylphthalate
Concen: 14.23 ng
RT: 11.77 min Scan# 1749
Delta R.T. -0.05 min
Lab File: BF096169.D
Acq: 23 Jun 2017 20:25

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.4	8.4	12.6

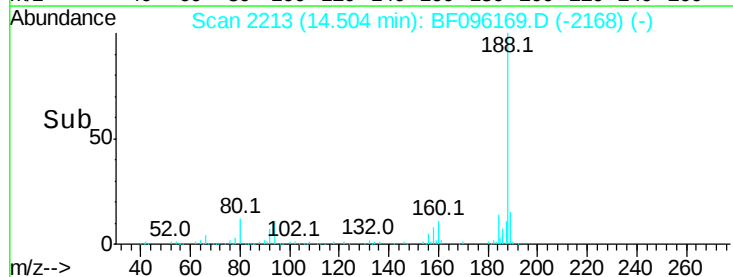
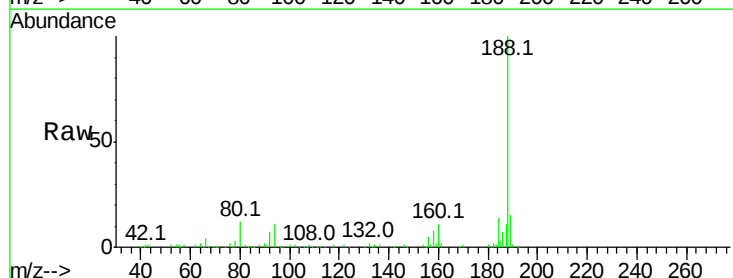
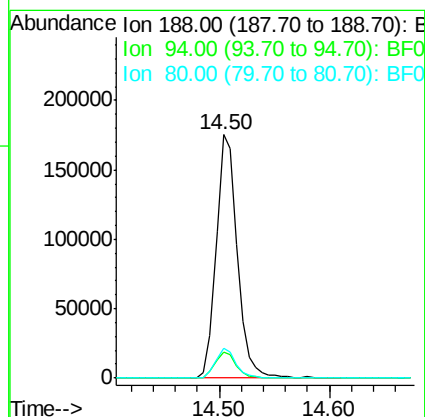
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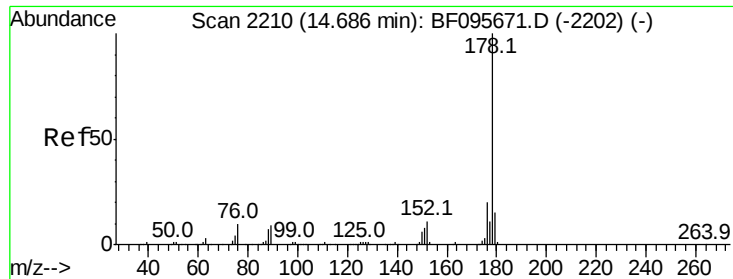
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.50 min Scan# 2213
Delta R.T. -0.04 min
Lab File: BF096169.D
Acq: 23 Jun 2017 20:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	12.1	10.2	15.2





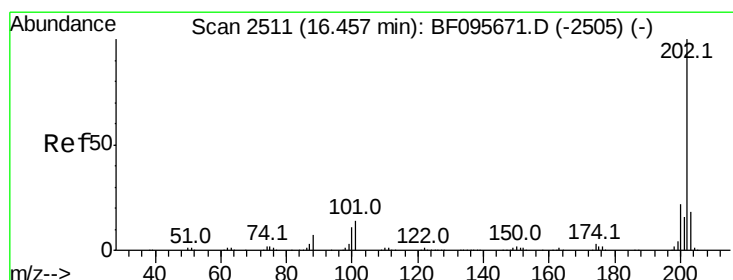
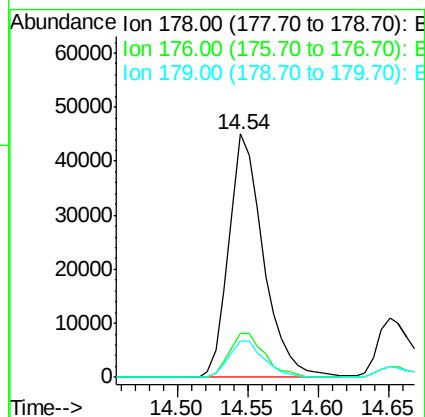
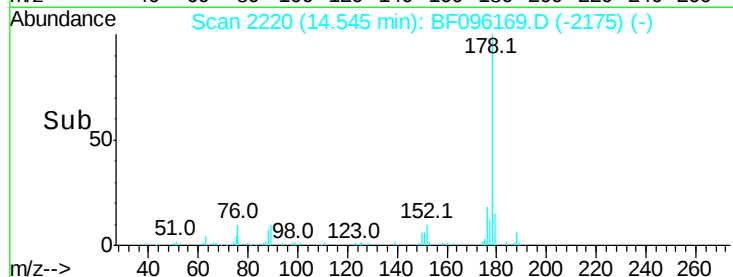
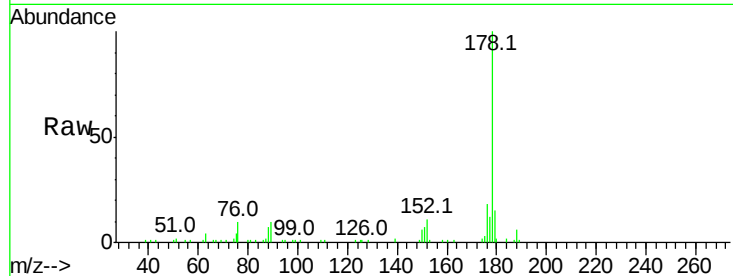
#70
Phenanthrene
Concen: 5.79 ng
RT: 14.54 min Scan# 2220
Delta R.T. -0.04 min
Lab File: BF096169.D
Acq: 23 Jun 2017 20:25

Instrument :
BNA_F
ClientSampleId :
P.56-B-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	16.2	24.4
179	15.1	12.6	19.0

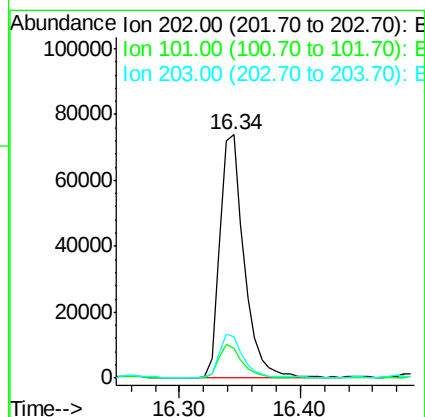
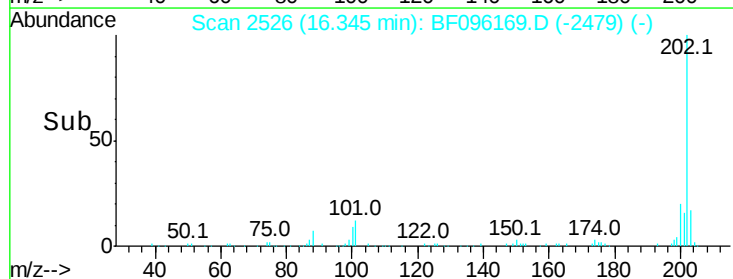
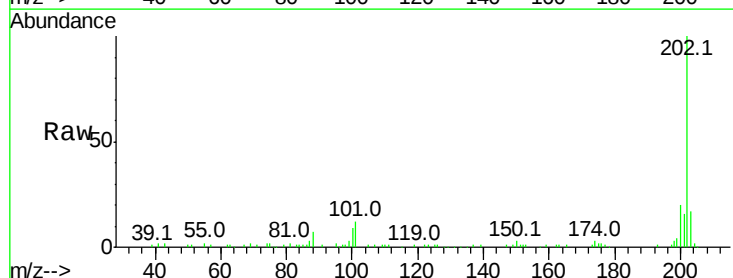
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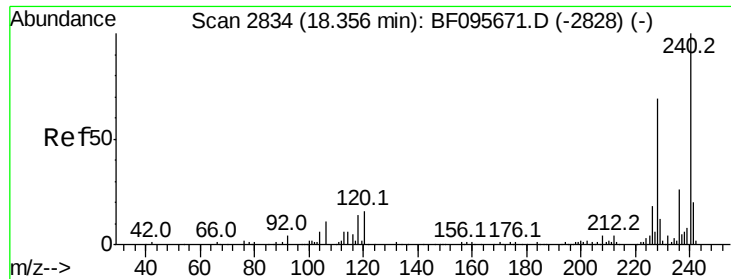
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#74
Fluoranthene
Concen: 7.74 ng
RT: 16.34 min Scan# 2526
Delta R.T. -0.02 min
Lab File: BF096169.D
Acq: 23 Jun 2017 20:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	33.2
203	16.8	0.0	38.1





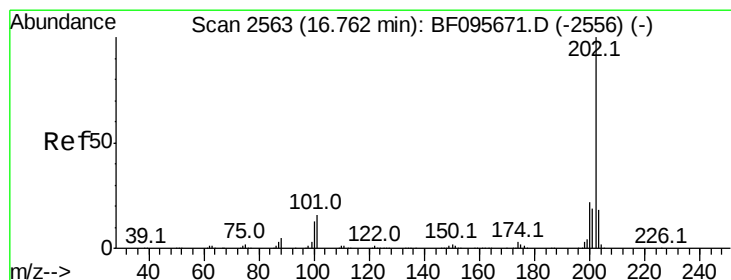
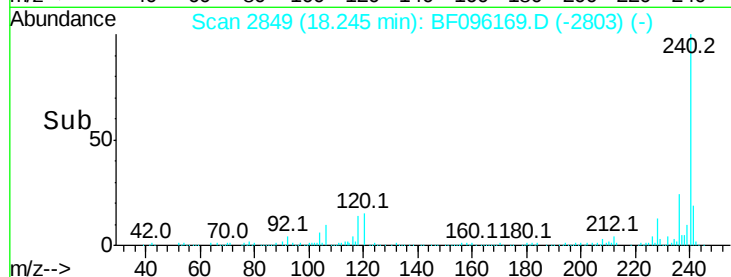
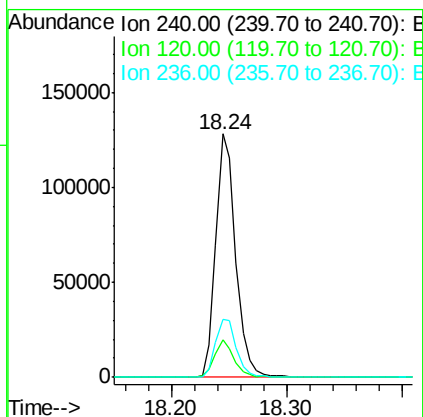
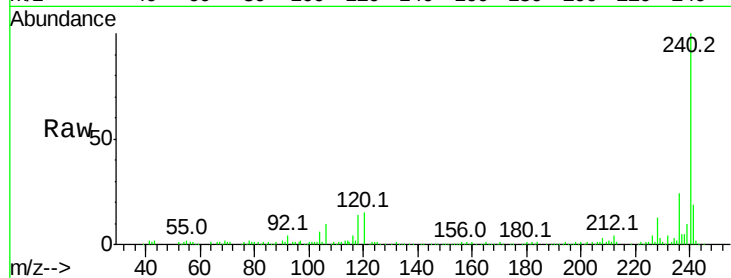
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.24 min Scan# 2849
Delta R.T. -0.03 min
Lab File: BF096169.D
Acq: 23 Jun 2017 20:25

Instrument :
BNA_F
ClientSampleId :
P.56-B-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	23.9	20.5	30.7

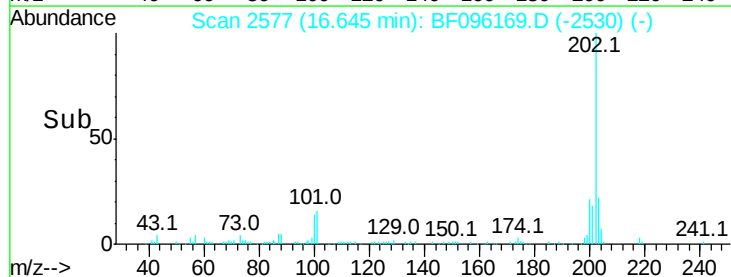
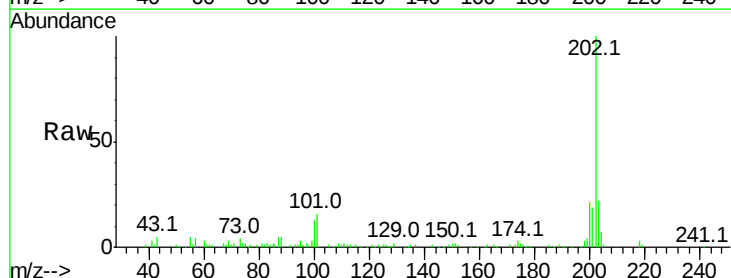
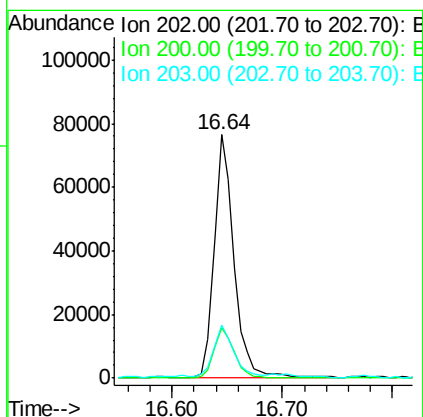
Manual Integrations
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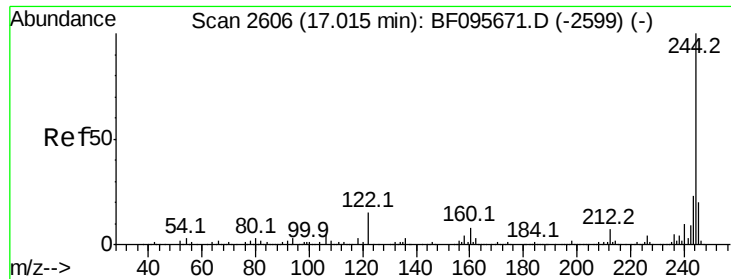
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#77
Pyrene
Concen: 8.30 ng
RT: 16.64 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BF096169.D
Acq: 23 Jun 2017 20:25

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	21.7	14.4	21.6#





#78

Terphenyl-d14

Concen: 71.24 ng

RT: 16.90 min Scan# 2620

Delta R.T. -0.03 min

Lab File: BF096169.D

Acq: 23 Jun 2017 20:25

Instrument :

BNA_F

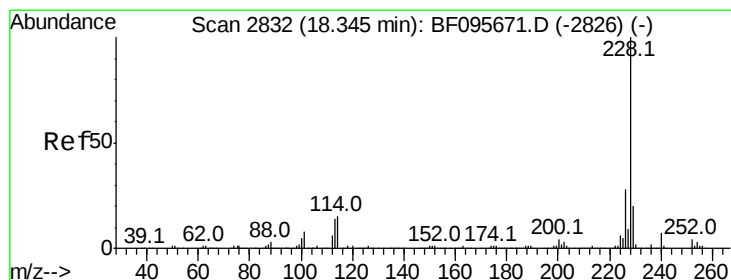
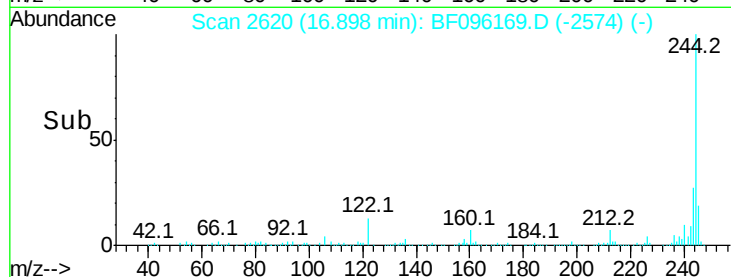
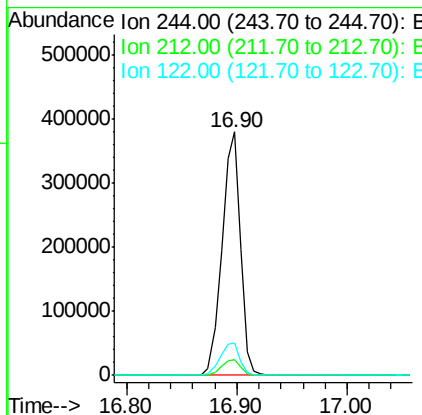
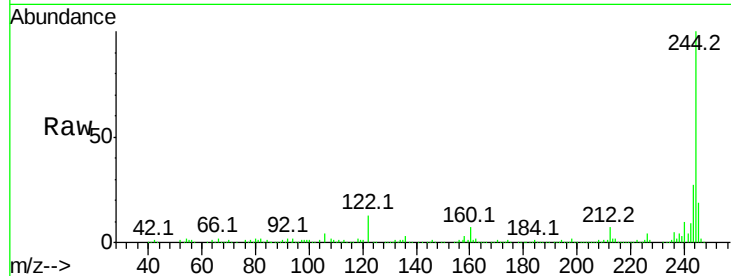
ClientSampleId :

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Tot Ion:	244	Resp:	439725
Ion Ratio	Lower	Upper	
244	100		
212	6.5	6.0	9.0
122	13.5	10.3	15.5

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#80

Benzo(a)anthracene

Concen: 3.88 ng

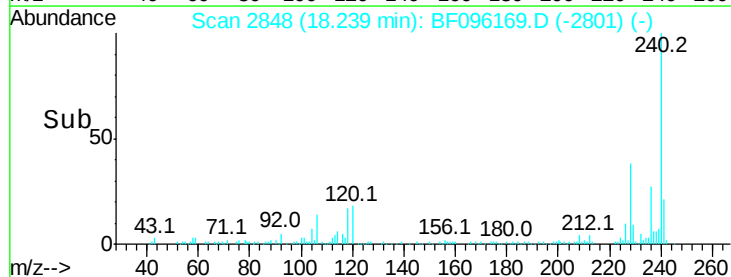
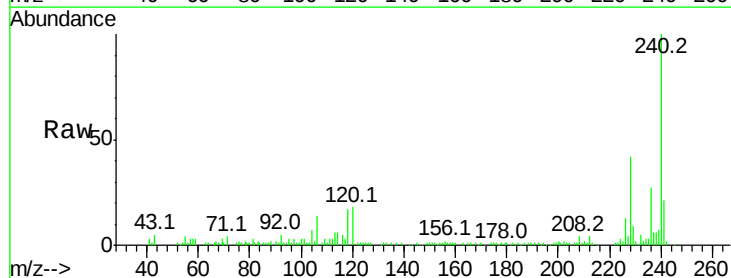
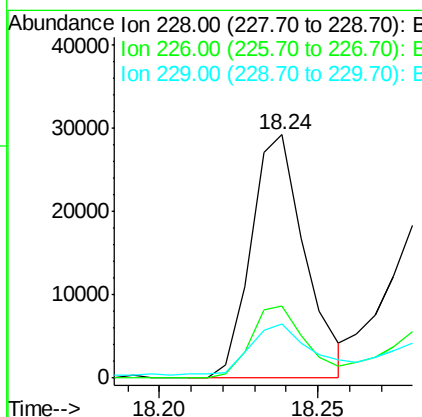
RT: 18.24 min Scan# 2848

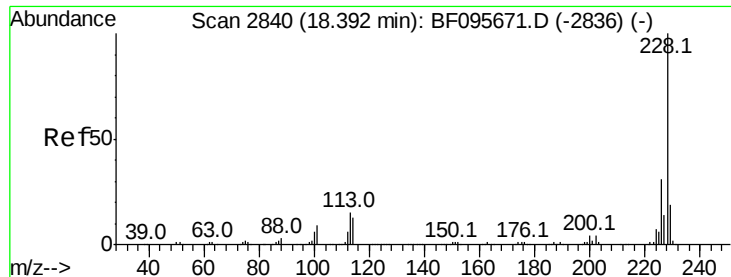
Delta R.T. -0.02 min

Lab File: BF096169.D

Acq: 23 Jun 2017 20:25

Tgt Ion:	228	Resp:	34559
Ion Ratio	Lower	Upper	
228	100		
226	29.8	22.6	33.8
229	22.4	16.3	24.5





#82

Chrysene

Concen: 4.04 ng

RT: 18.29 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BF096169.D

Acq: 23 Jun 2017 20:25

Instrument :

BNA_F

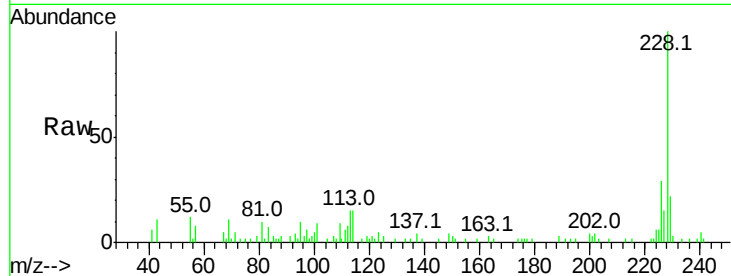
ClientSampleId :

P.56-B-COMP

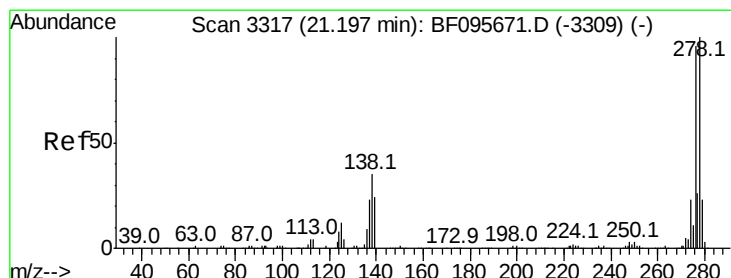
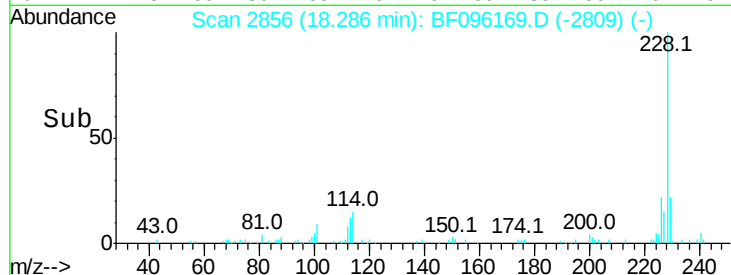
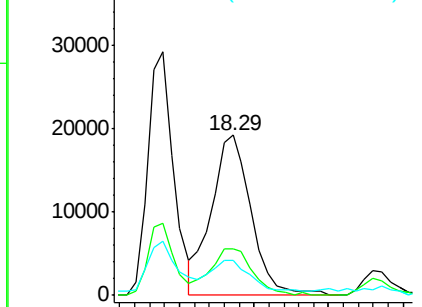
Tot Ion:	228	Resp:	35913
Ion Ratio	Lower	Upper	
228	100		
226	29.0	24.9	37.3
229	22.1	15.8	23.6

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.52 ng

RT: 21.10 min Scan# 3335

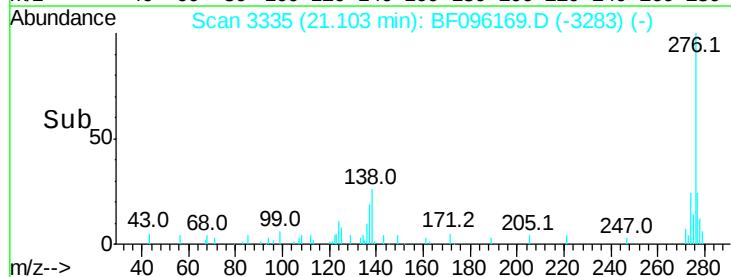
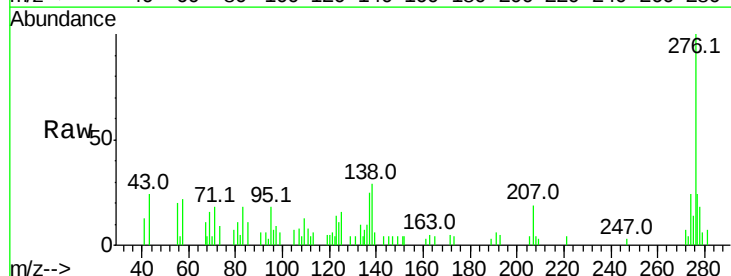
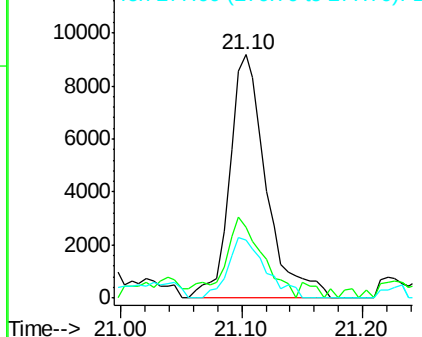
Delta R.T. 0.01 min

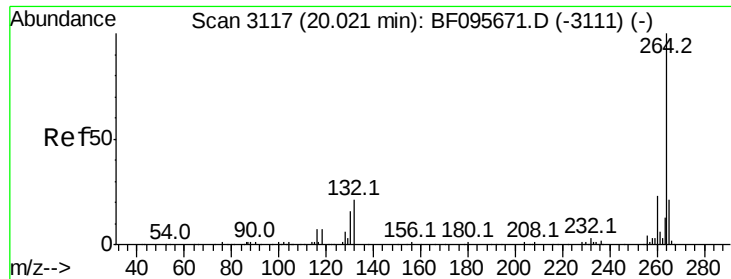
Lab File: BF096169.D

Acq: 23 Jun 2017 20:25

Tgt Ion:	276	Resp:	19221
Ion Ratio	Lower	Upper	
276	100		
138	34.6	27.8	41.6
277	25.4	20.2	30.4

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





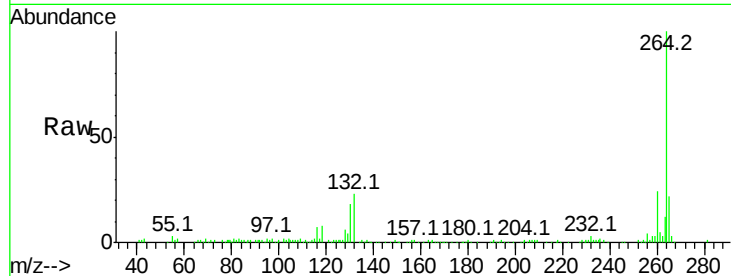
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.92 min Scan# 3134
Delta R.T. -0.02 min
Lab File: BF096169.D
Acq: 23 Jun 2017 20:25

Instrument :
BNA_F
ClientSampleId :
P.56-B-COMP

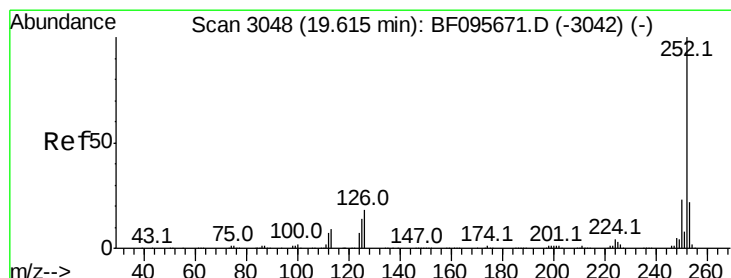
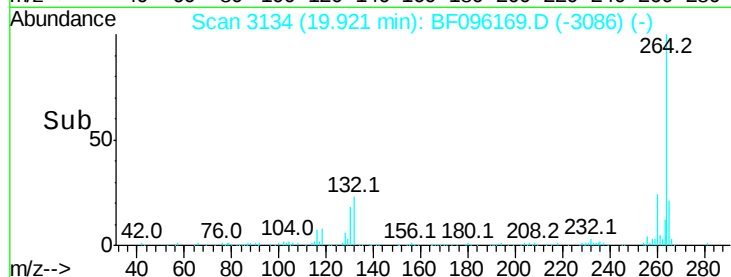
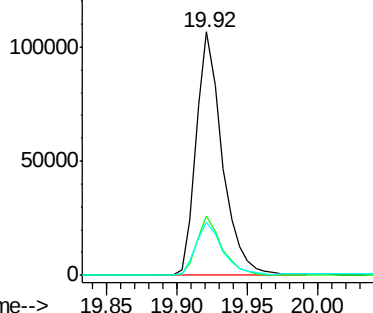
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.8	17.2	25.8

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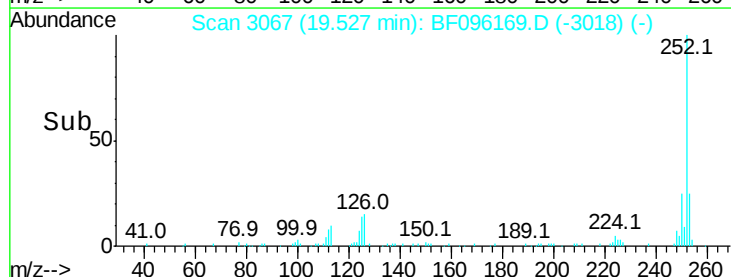
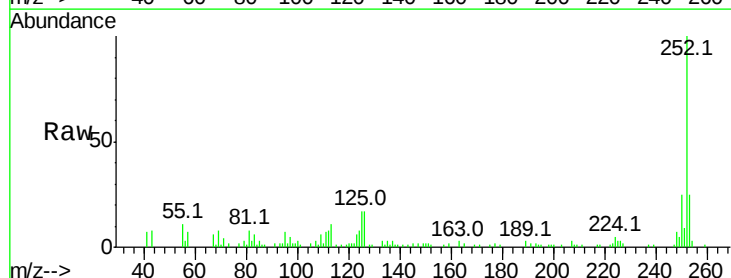
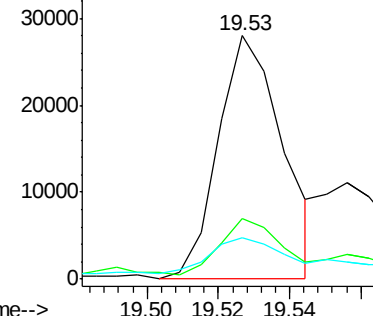
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

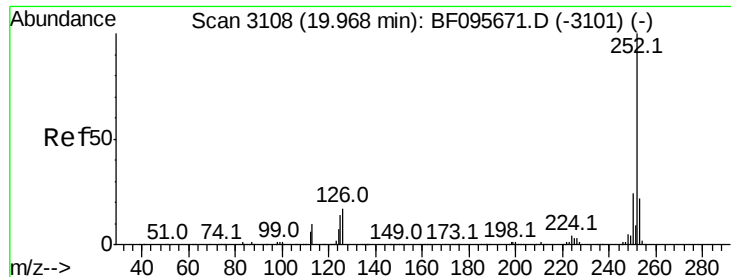


#87
Benzo(b)fluoranthene
Concen: 4.09 ng m
RT: 19.53 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BF096169.D
Acq: 23 Jun 2017 20:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.1	27.1
125	16.9	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





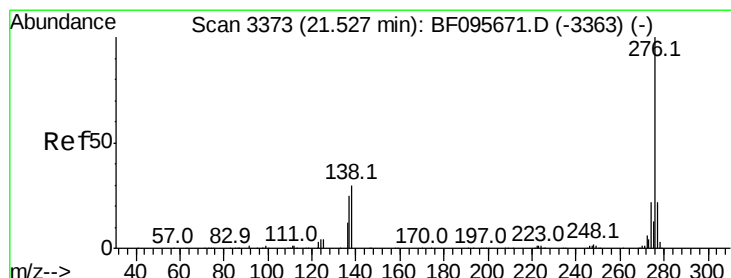
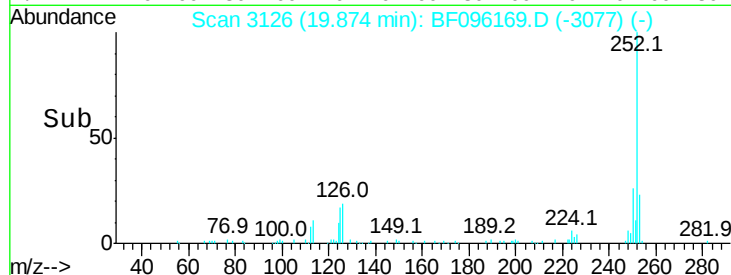
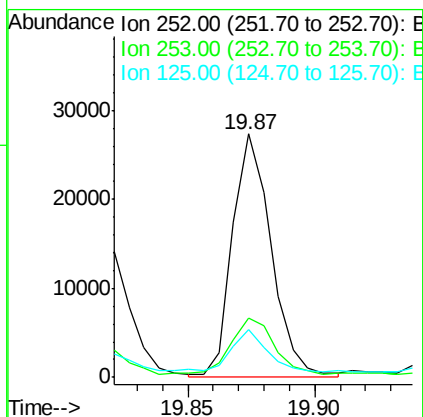
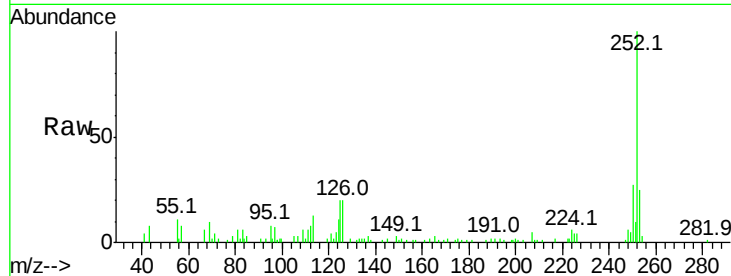
#89
Benzo(a)pyrene
Concen: 3.69 ng
RT: 19.87 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BF096169.D
Acq: 23 Jun 2017 20:25

Instrument :
BNA_F
ClientSampleId :
P.56-B-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.5	26.3
125	19.6	11.0	16.4

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#91
Benzo(g,h,i)perylene
Concen: 2.52 ng
RT: 21.43 min Scan# 3391
Delta R.T. 0.01 min
Lab File: BF096169.D
Acq: 23 Jun 2017 20:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	32.2	18.6	28.0
138	36.1	25.4	38.0

