

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
 Data File : BF096168.D
 Acq On : 23 Jun 2017 19:52
 Operator : SJ/MA
 Sample : I3784-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

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Quant Time: Jun 24 00:39:11 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	69256	20.00	ng	-0.04
21) Naphthalene-d8	9.29	136	286220	20.00	ng	-0.04
38) Acenaphthene-d10	12.11	164	129915	20.00	ng	-0.04
63) Phenanthrene-d10	14.50	188	223579	20.00	ng	-0.04
75) Chrysene-d12	18.24	240	144258	20.00	ng	-0.03
86) Perylene-d12	19.92	264	135339	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	573118	131.86	ng	-0.04
7) Phenol-d6	6.84	99	723669	139.08	ng	-0.04
23) Nitrobenzene-d5	8.19	82	410788	89.13	ng	-0.04
41) 2,4,6-Tribromophenol	13.42	330	150471	130.91	ng	-0.04
44) 2-Fluorobiphenyl	11.07	172	686226	73.50	ng	-0.04
78) Terphenyl-d14	16.90	244	478703	82.35	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	11.77	163	167334	16.96	ng	100
57) Fluorene	13.02	166	20524	2.03	ng	98
70) Phenanthrene	14.54	178	196374	15.22	ng	98
71) Anthracene	14.64	178	53048m	3.94	ng	
74) Fluoranthene	16.34	202	221991	17.39	ng	99
77) Pyrene	16.64	202	200544	18.63	ng	96
80) Benzo(a)anthracene	18.24	228	71414	8.51	ng	98
82) Chrysene	18.29	228	70501	8.41	ng	96
85) Indeno(1,2,3-cd)pyrene	21.09	276	37222	5.19	ng	94
87) Benzo(b)fluoranthene	19.53	252	74700m	8.81	ng	
88) Benzo(k)fluoranthene	19.55	252	24693m	3.05	ng	
89) Benzo(a)pyrene	19.87	252	67226	8.63	ng	# 93
91) Benzo(a,h,i)perylene	21.42	276	39944	5.93	ng	99

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

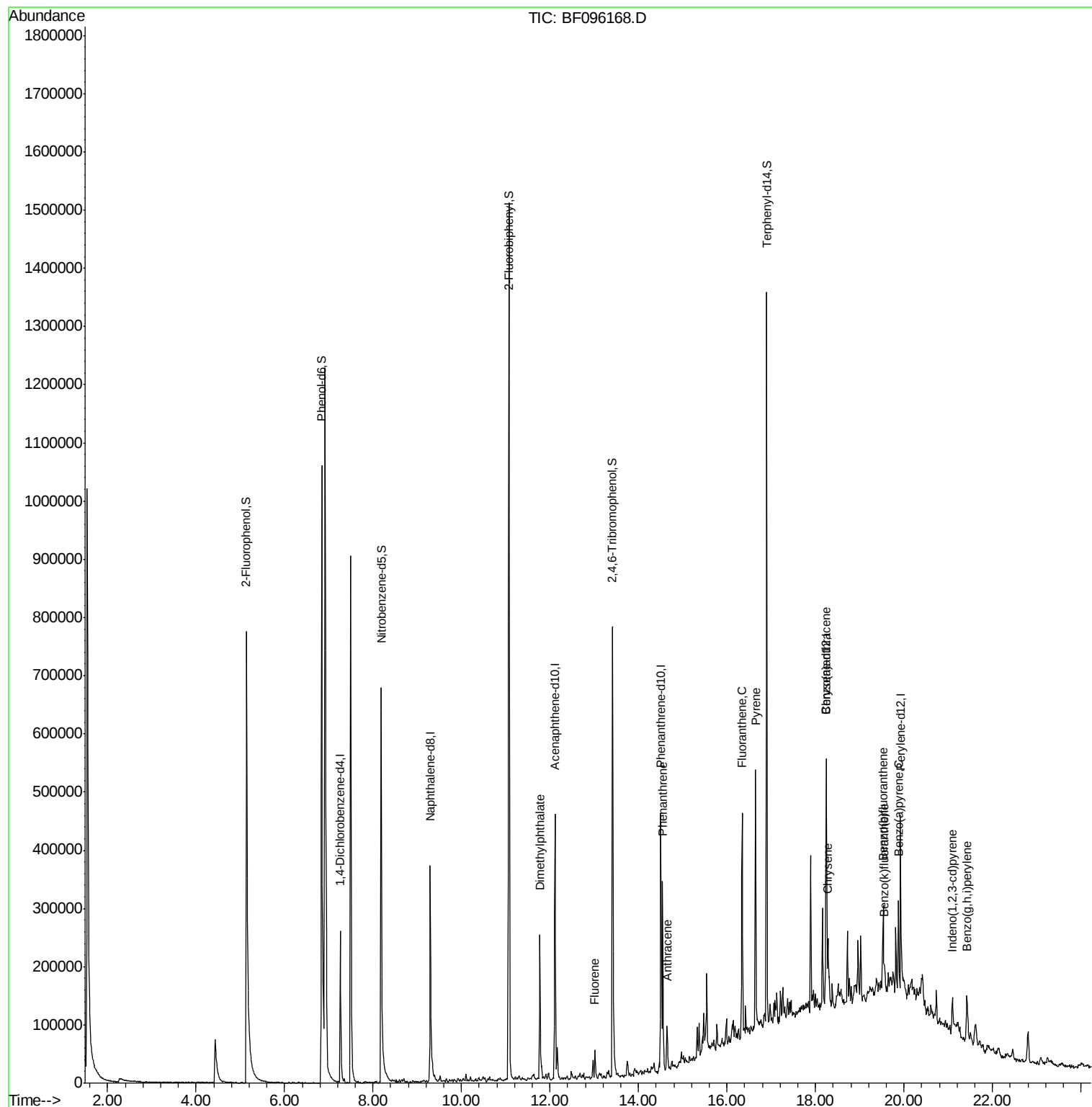
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096168.D
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#1

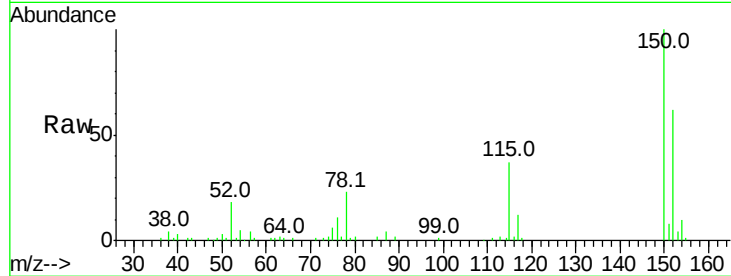
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 981
Delta R.T. -0.04 min
Lab File: BF096168.D
Acq: 23 Jun 2017 19:52

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

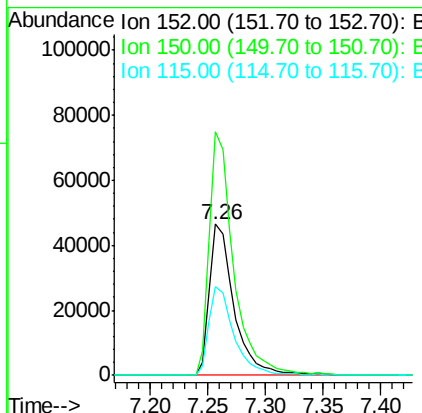
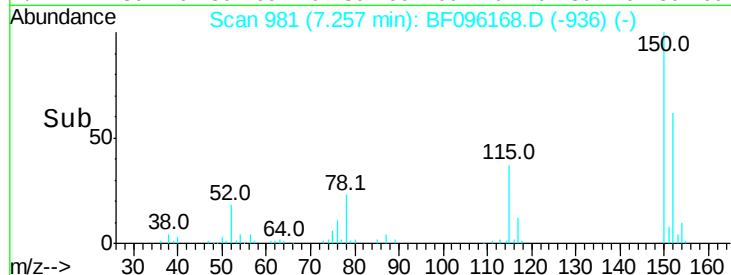
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	126.2	189.2
115	59.0	52.2	78.2

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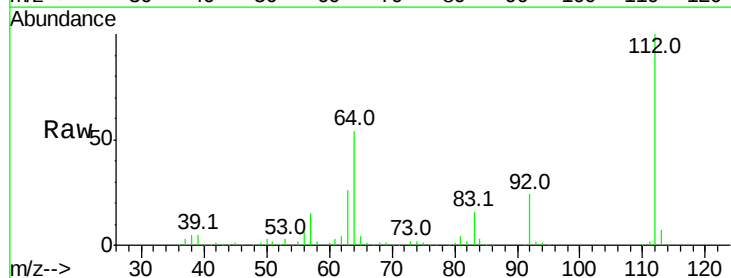
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



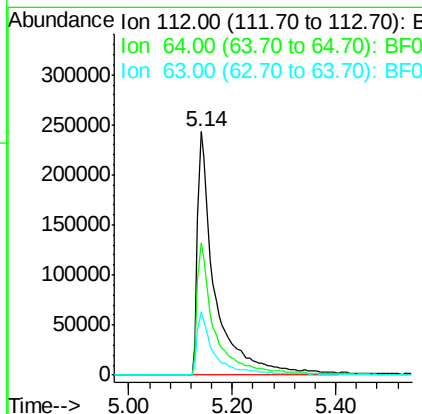
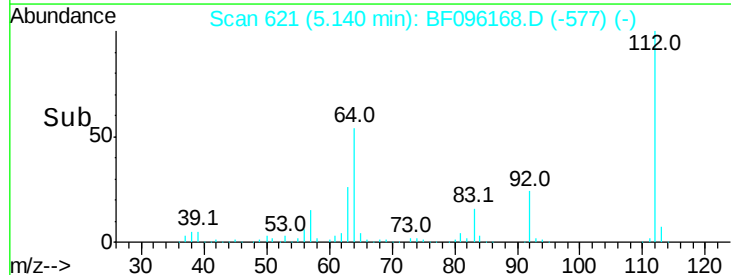
#5

2-Fluorophenol
Concen: 131.86 ng
RT: 5.14 min Scan# 621
Delta R.T. -0.04 min
Lab File: BF096168.D
Acq: 23 Jun 2017 19:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.0	69.0
63	26.1	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: 139.08 ng

RT: 6.84 min Scan# 910

Delta R.T. -0.04 min

Lab File: BF096168.D

Acq: 23 Jun 2017 19:52

Instrument :

BNA_F

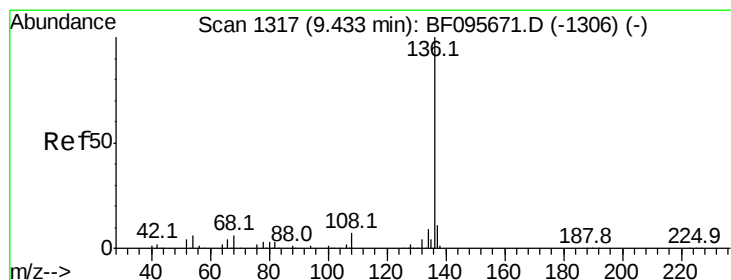
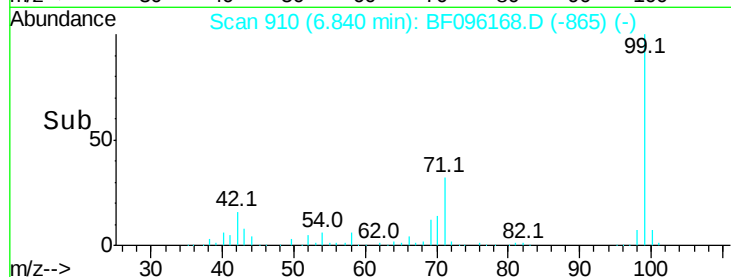
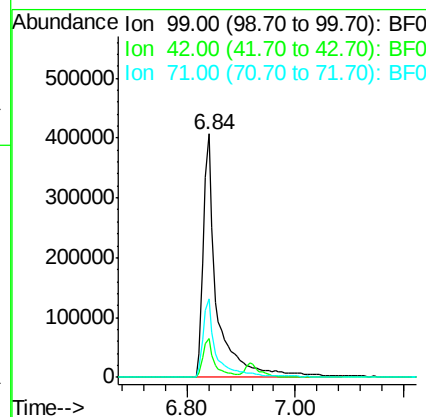
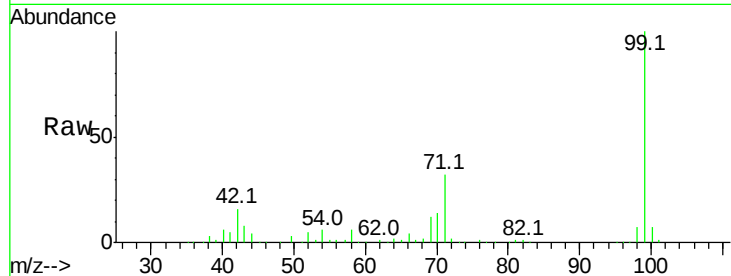
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		723669		
42	16.1	13.5	20.3		
71	32.0	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

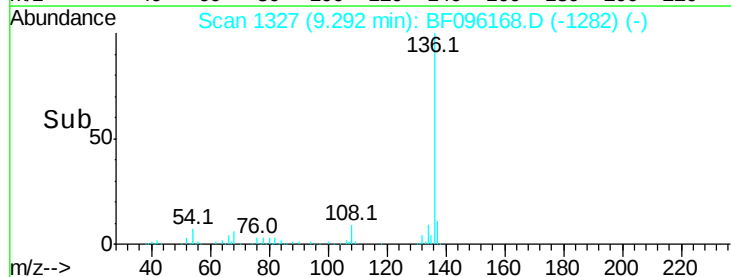
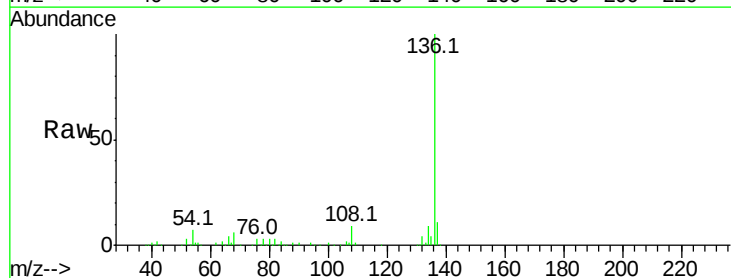
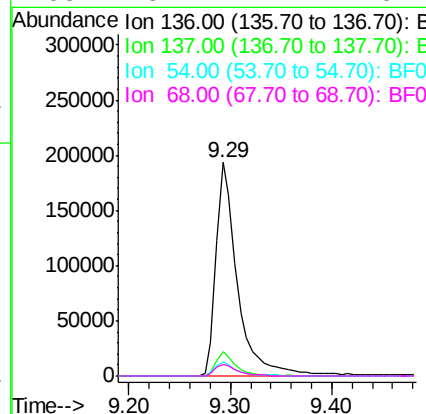
RT: 9.29 min Scan# 1327

Delta R.T. -0.04 min

Lab File: BF096168.D

Acq: 23 Jun 2017 19:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		286220		
137	11.3	8.5	12.7		
54	6.9	4.9	7.3		
68	5.7	4.1	6.1		





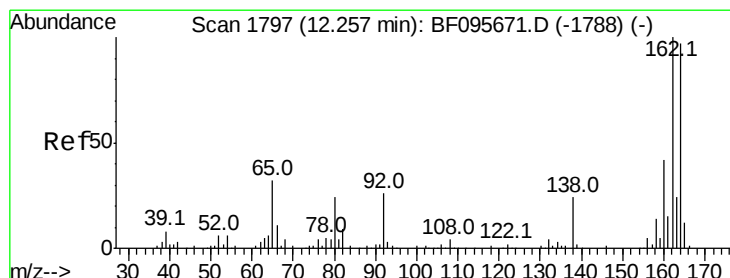
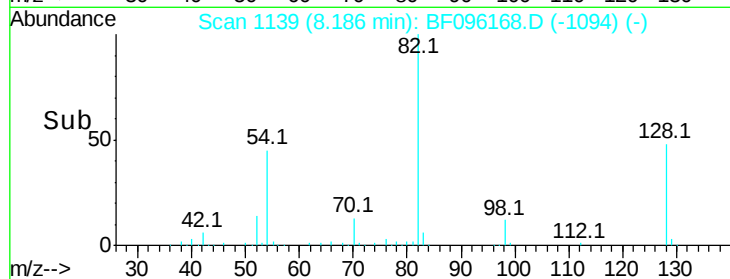
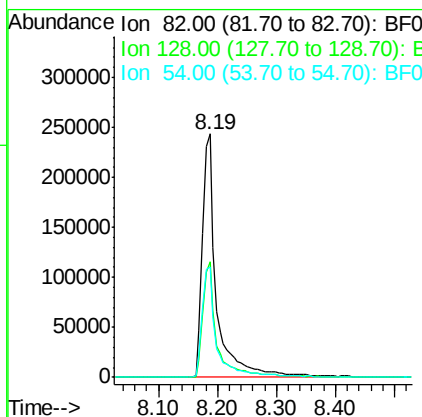
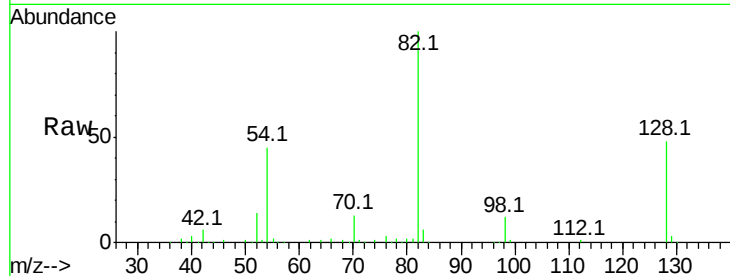
#23
Nitrobenzene-d5
Concen: 89.13 ng
RT: 8.19 min Scan# 1139
Delta R.T. -0.04 min
Lab File: BF096168.D
Acq: 23 Jun 2017 19:52

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.0	51.0
54	45.4	42.2	63.2

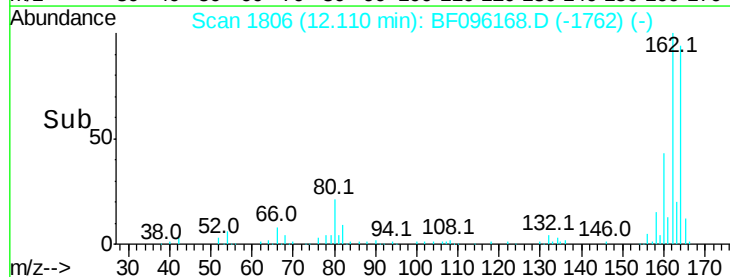
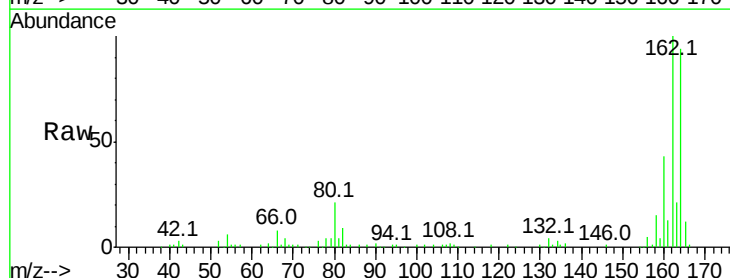
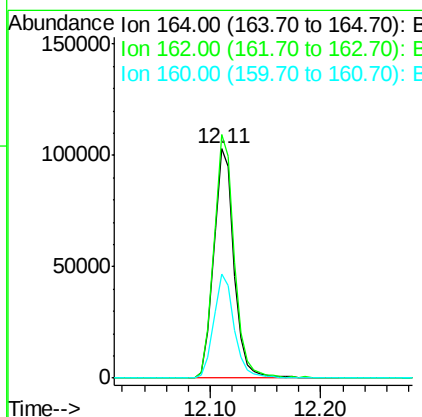
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.11 min Scan# 1806
Delta R.T. -0.04 min
Lab File: BF096168.D
Acq: 23 Jun 2017 19:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	82.6	123.8
160	45.4	36.2	54.2





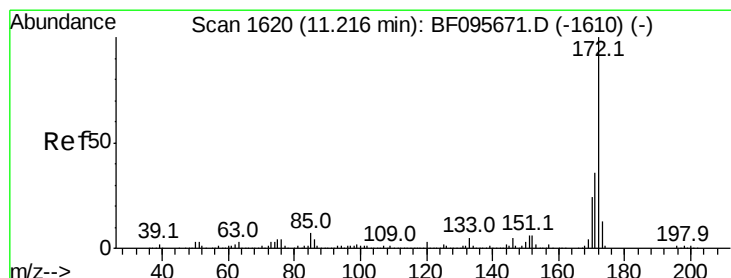
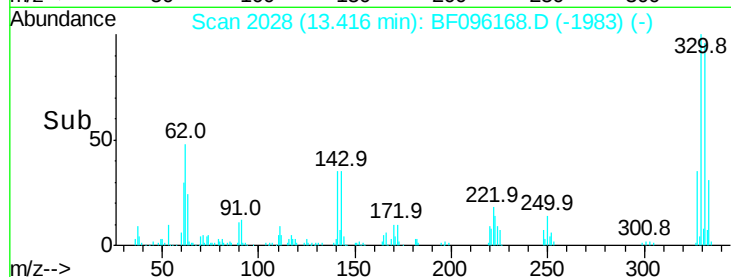
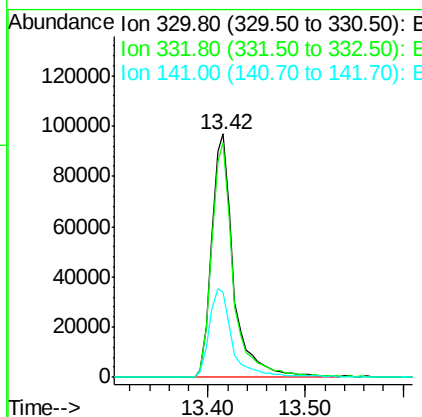
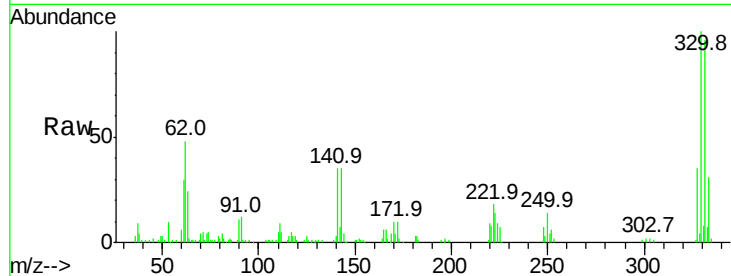
#41
 2,4,6-Tribromophenol
 Concen: 130.91 ng
 RT: 13.42 min Scan# 2028
 Delta R.T. -0.04 min
 Lab File: BF096168.D
 Acq: 23 Jun 2017 19:52

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	38.1	31.4	47.2

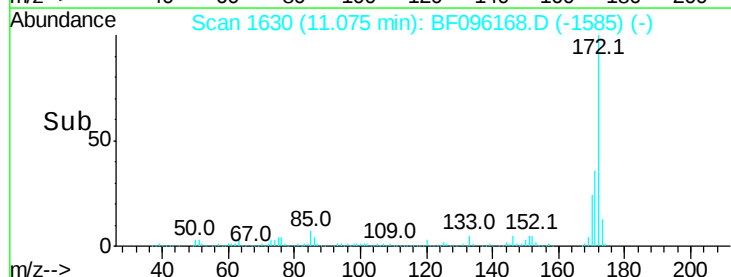
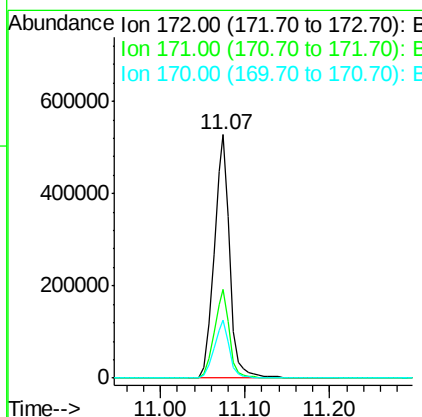
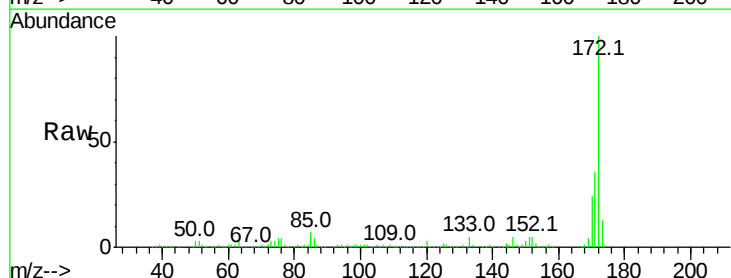
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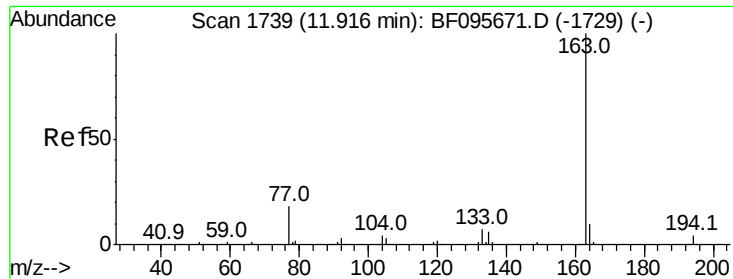
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#44
 2-Fluorobiphenyl
 Concen: 73.50 ng
 RT: 11.07 min Scan# 1630
 Delta R.T. -0.04 min
 Lab File: BF096168.D
 Acq: 23 Jun 2017 19:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.7	19.8	29.8





#49

Dimethylphthalate

Concen: 16.96 ng

RT: 11.77 min Scan# 1749

Delta R.T. -0.05 min

Lab File: BF096168.D

Acq: 23 Jun 2017 19:52

Instrument :

BNA_F

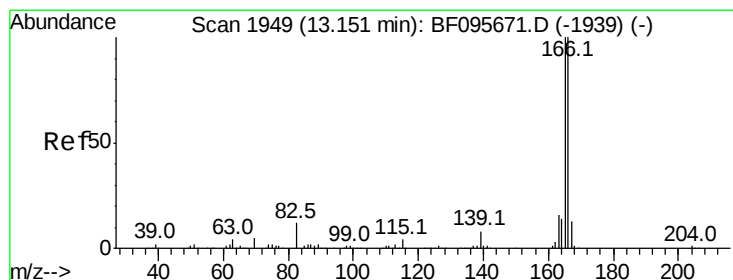
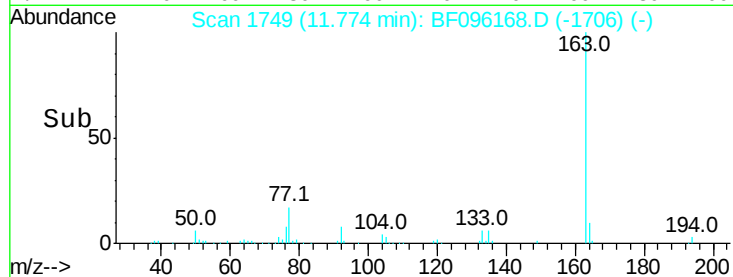
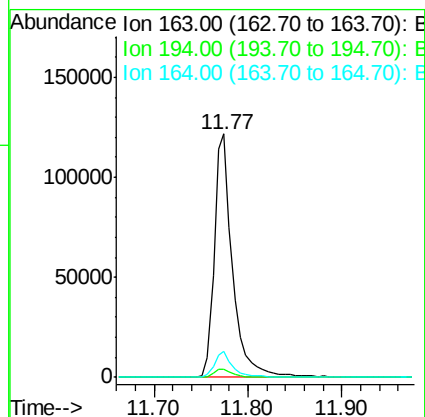
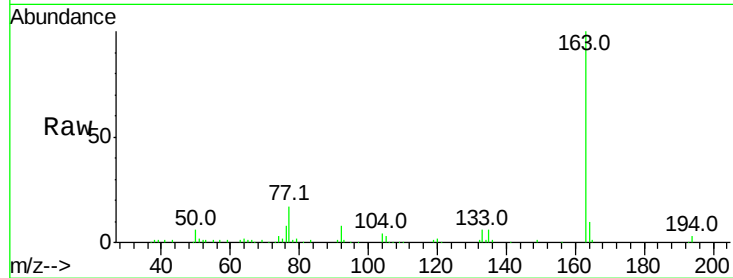
ClientSampleId :

P.56-A-COMP

Tot Ion:	163	Resp:	167334
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.6	4.0
164	10.5	8.4	12.6

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#57

Fluorene

Concen: 2.03 ng

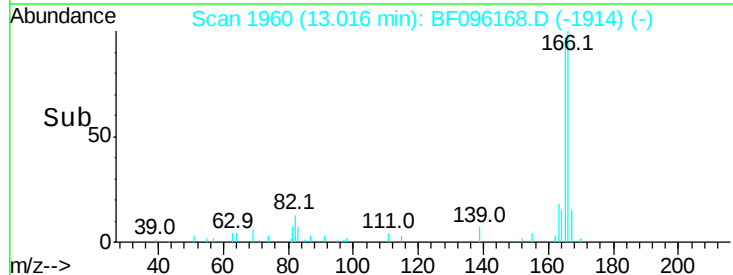
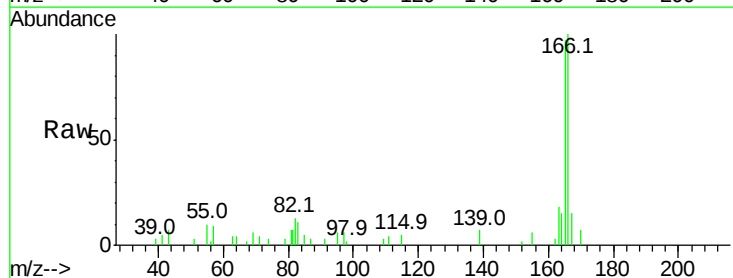
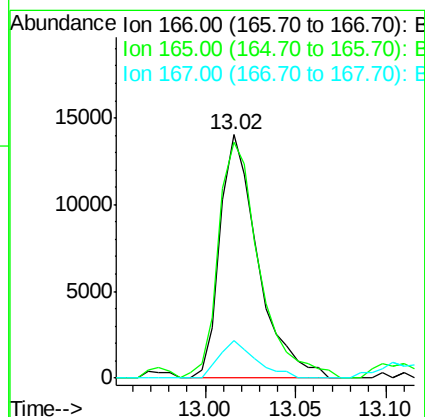
RT: 13.02 min Scan# 1960

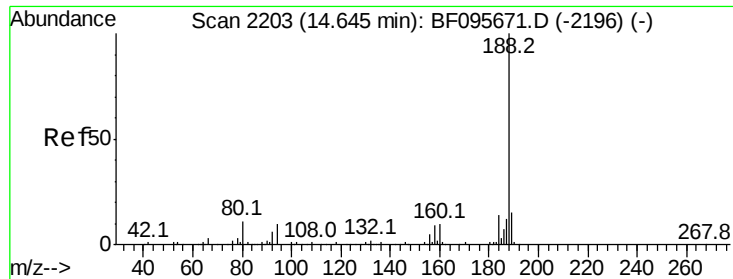
Delta R.T. -0.03 min

Lab File: BF096168.D

Acq: 23 Jun 2017 19:52

Tgt Ion:	166	Resp:	20524
Ion Ratio	Lower	Upper	
166	100		
165	96.9	78.8	118.2
167	15.3	10.6	16.0





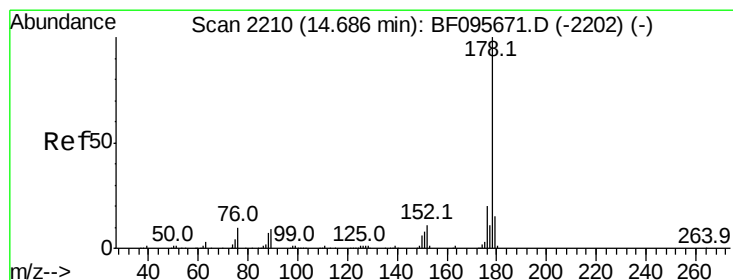
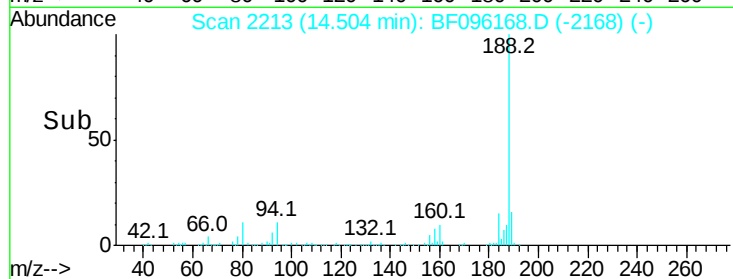
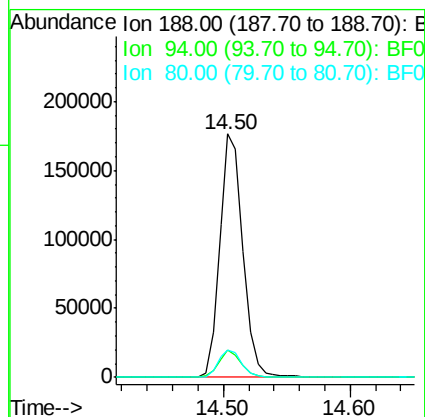
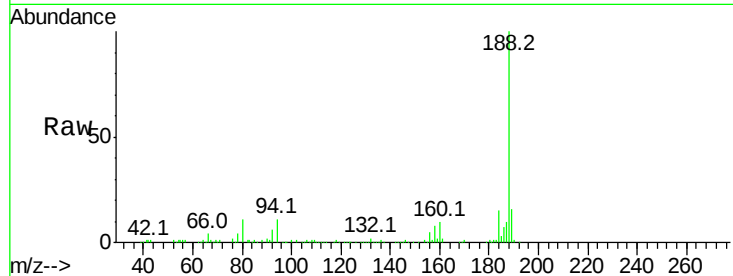
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.50 min Scan# 2213
Delta R.T. -0.04 min
Lab File: BF096168.D
Acq: 23 Jun 2017 19:52

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
188	100	223579		
94	11.0		9.4	14.2
80	11.4		10.2	15.2

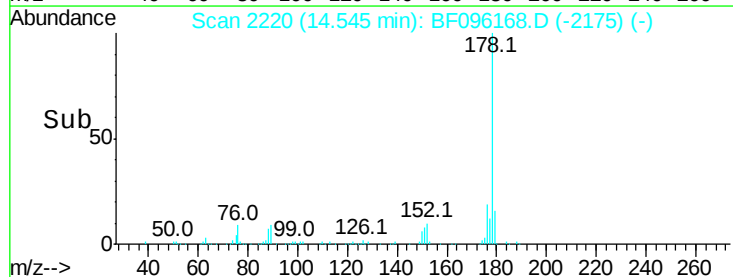
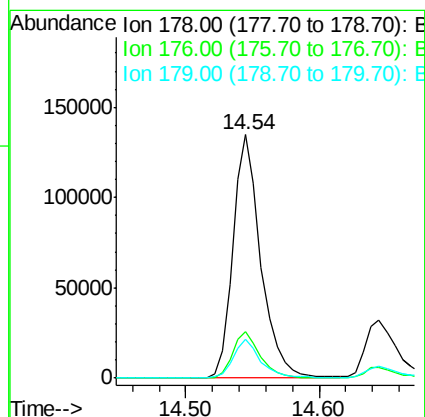
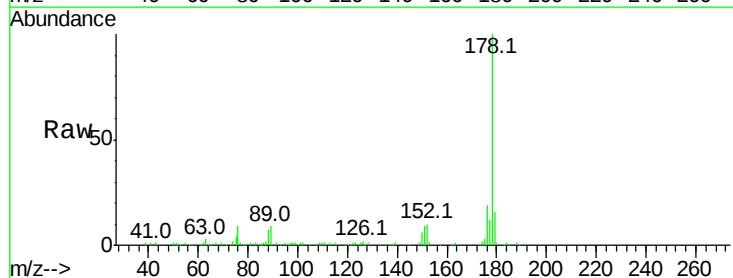
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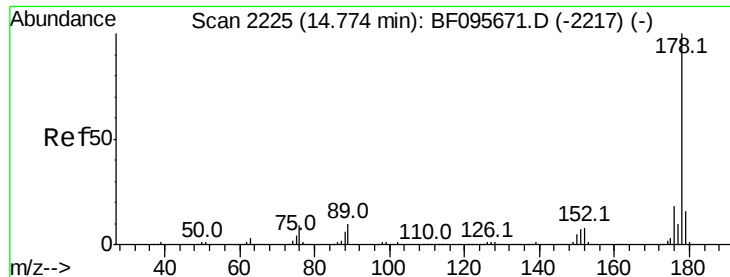
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#70
Phenanthrene
Concen: 15.22 ng
RT: 14.54 min Scan# 2220
Delta R.T. -0.04 min
Lab File: BF096168.D
Acq: 23 Jun 2017 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	196374		
176	19.0		16.2	24.4
179	15.8		12.6	19.0





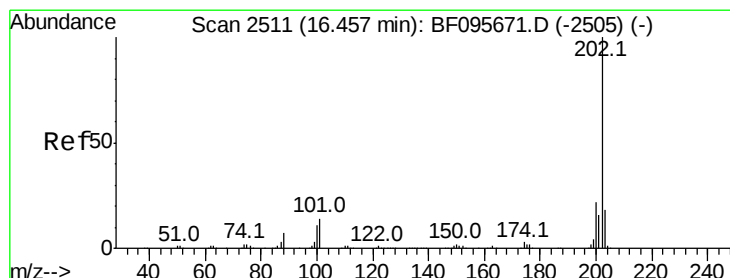
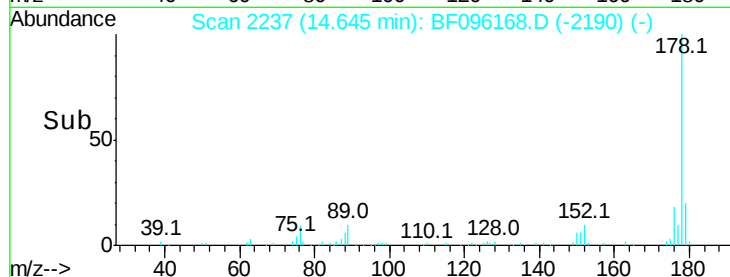
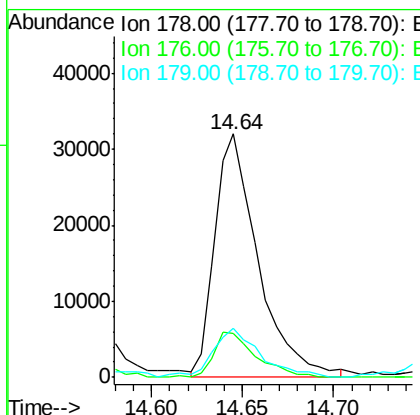
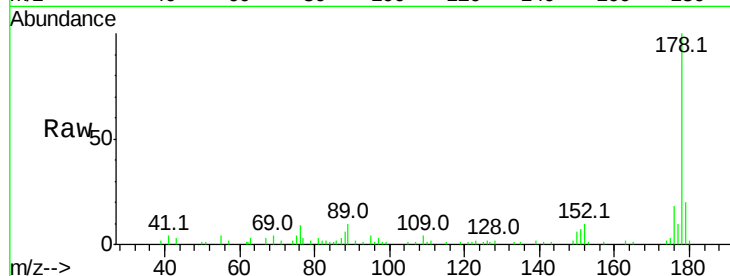
#71
 Anthracene
 Concen: 3.94 ng/mL
 RT: 14.64 min Scan# 2237
 Delta R.T. -0.02 min
 Lab File: BF096168.D
 Acq: 23 Jun 2017 19:52

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

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

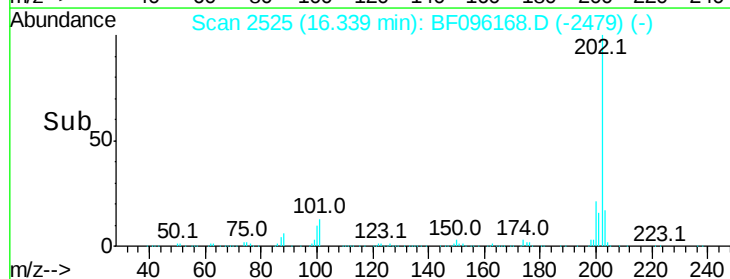
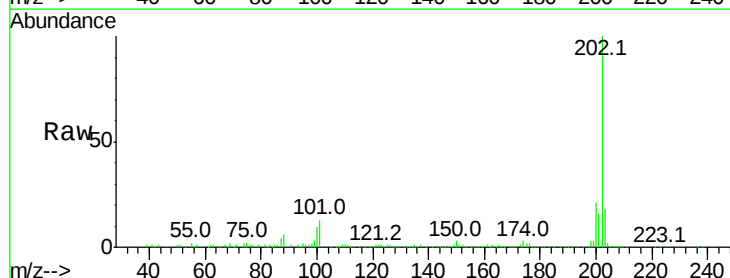
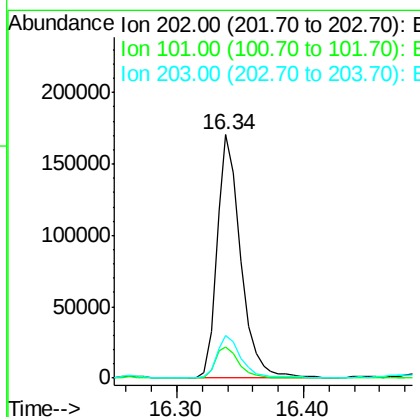
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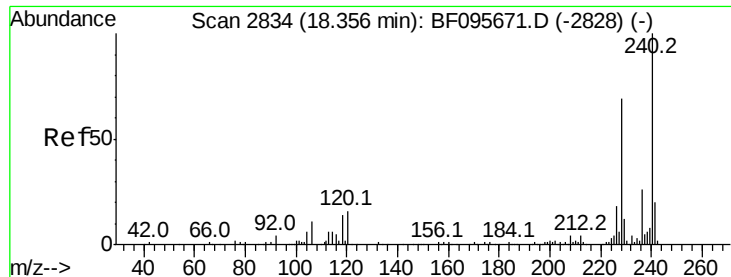
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#74
 Fluoranthene
 Concen: 17.39 ng/mL
 RT: 16.34 min Scan# 2525
 Delta R.T. -0.03 min
 Lab File: BF096168.D
 Acq: 23 Jun 2017 19:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	17.5	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: BF096168.D

Acq: 23 Jun 2017 19:52

Instrument :

BNA_F

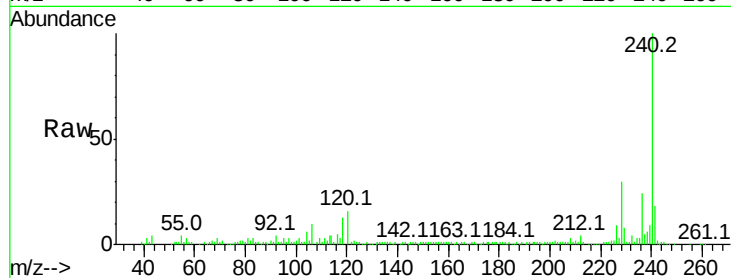
ClientSampleId :

P.56-A-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.6	5.8	8.8#
236	24.4	20.5	30.7

Manual Integrations
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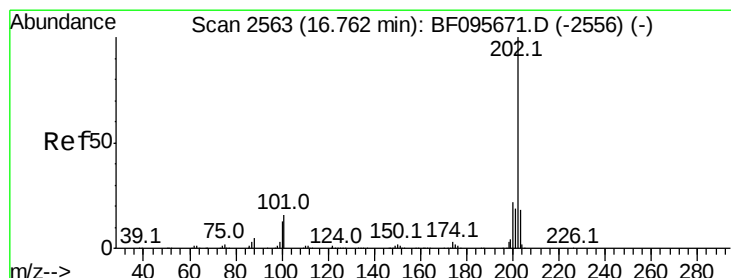
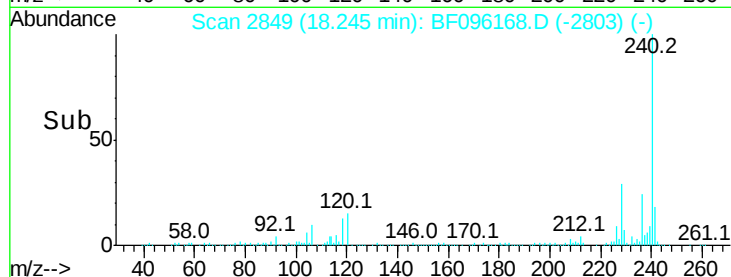
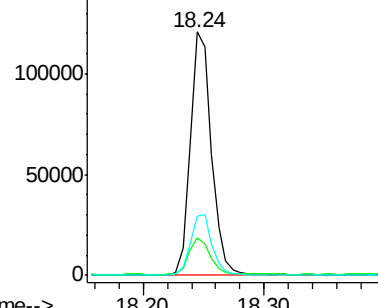
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 18.63 ng

RT: 16.64 min Scan# 2577

Delta R.T. -0.02 min

Lab File: BF096168.D

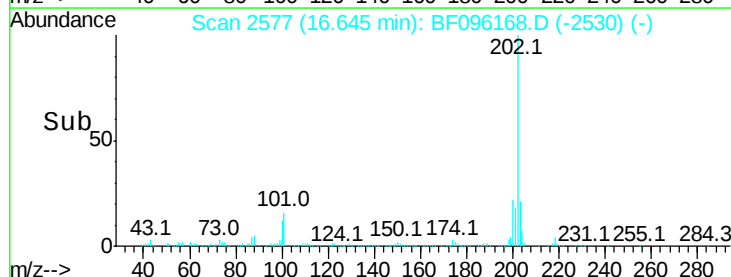
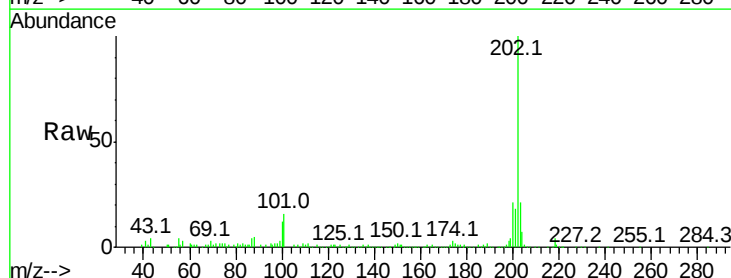
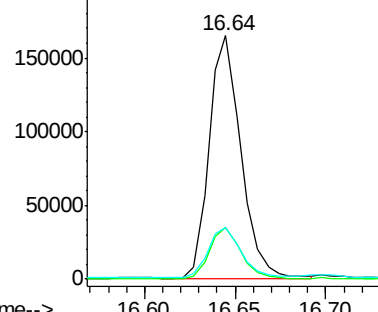
Acq: 23 Jun 2017 19:52

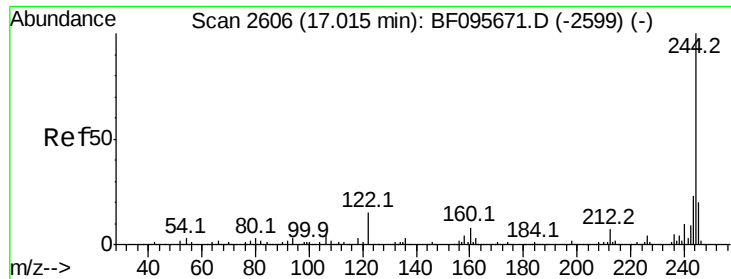
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	21.2	14.4	21.6

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: 82.35 ng

RT: 16.90 min Scan# 2620

Delta R.T. -0.03 min

Lab File: BF096168.D

Acq: 23 Jun 2017 19:52

Instrument :

BNA_F

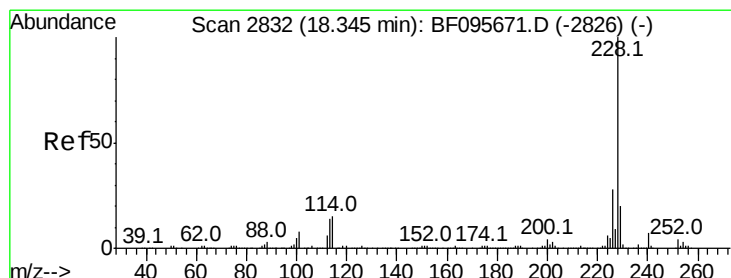
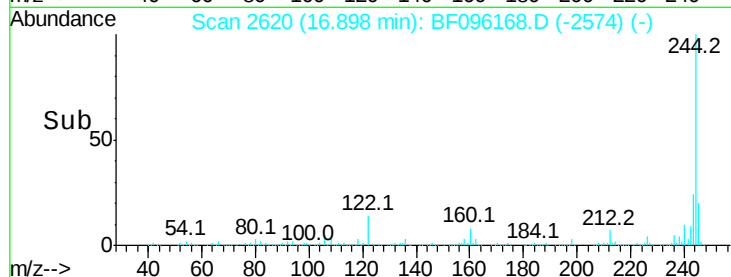
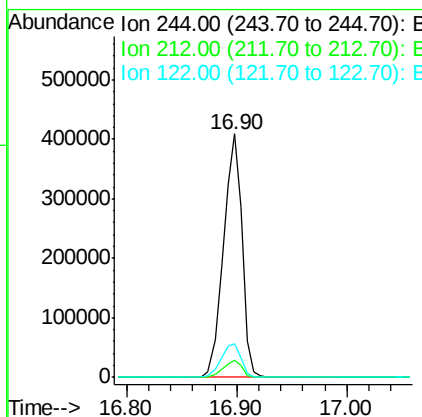
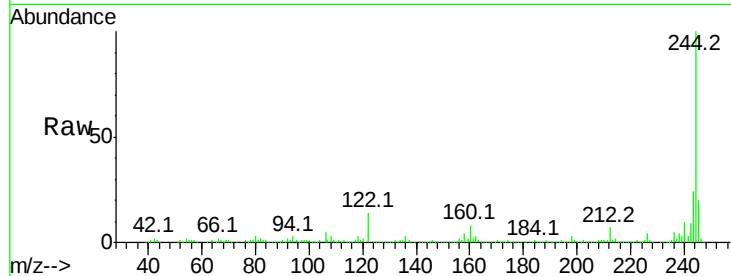
ClientSampled :

P.56-A-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.0	10.3	15.5

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#80

Benzo(a)anthracene

Concen: 8.51 ng

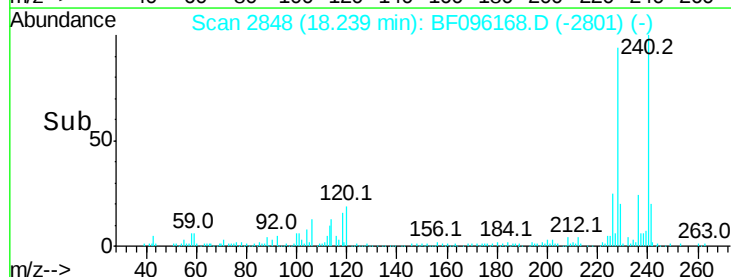
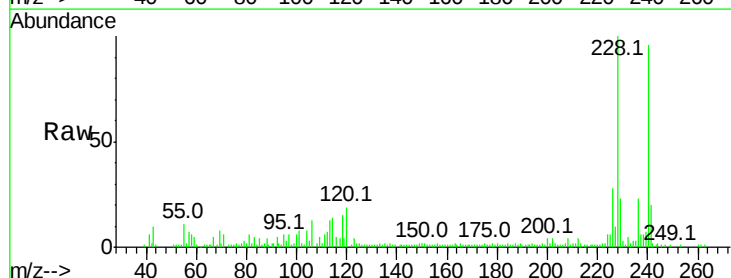
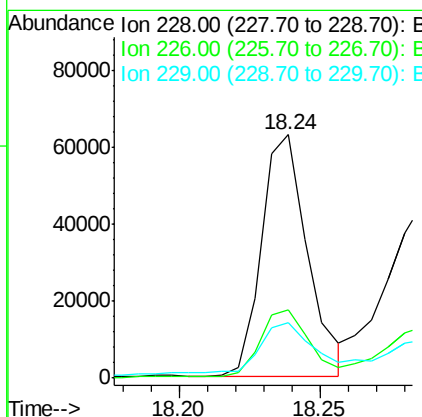
RT: 18.24 min Scan# 2848

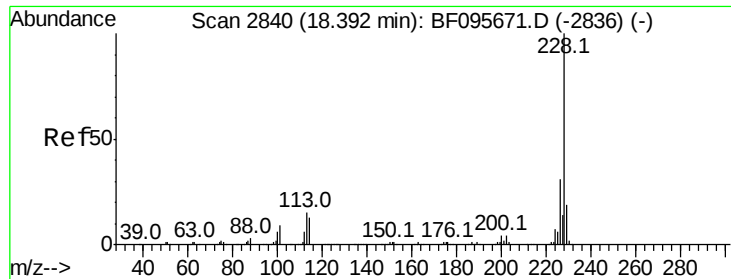
Delta R.T. -0.02 min

Lab File: BF096168.D

Acq: 23 Jun 2017 19:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	22.7	16.3	24.5





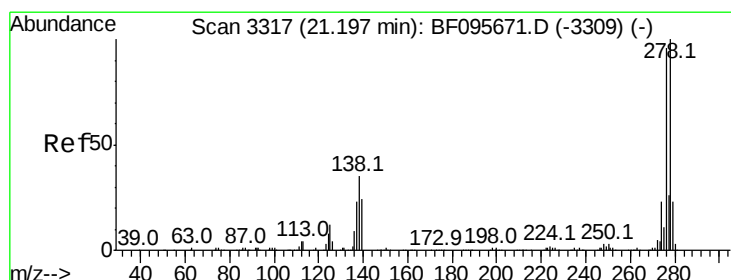
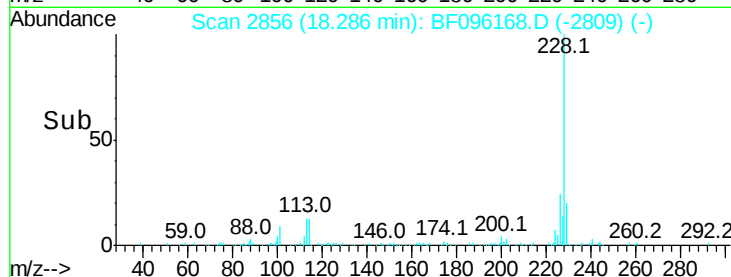
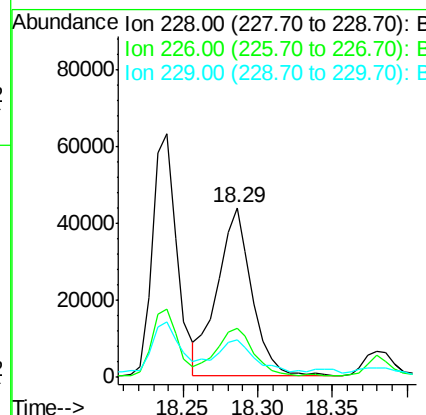
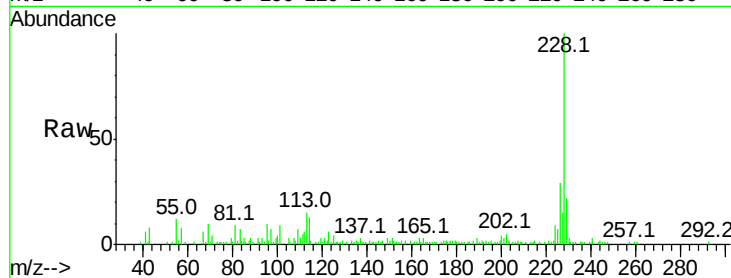
#82
Chrysene
Concen: 8.41 ng
RT: 18.29 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BF096168.D
Acq: 23 Jun 2017 19:52

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.9	37.3
229	21.9	15.8	23.6

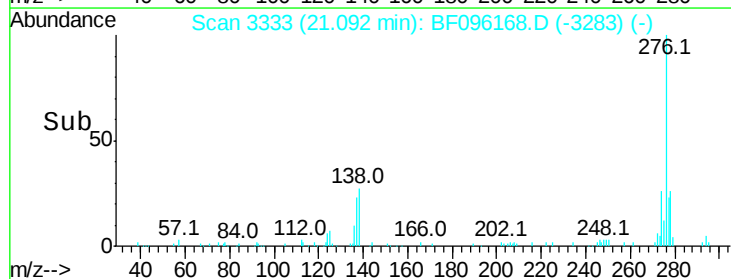
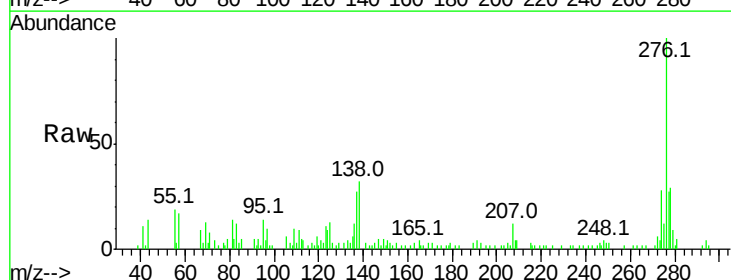
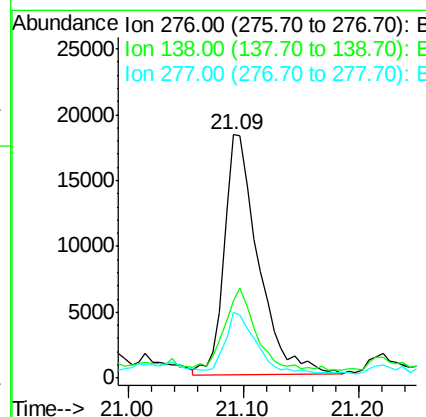
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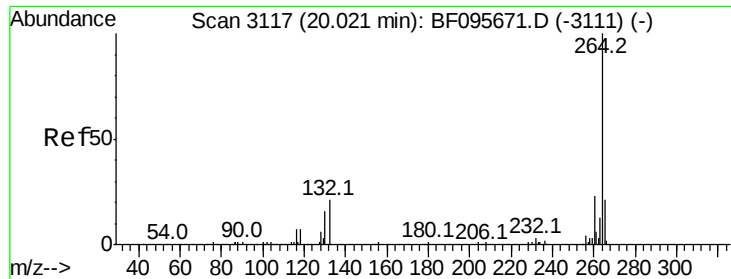
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#85
Indeno(1,2,3-cd)pyrene
Concen: 5.19 ng
RT: 21.09 min Scan# 3333
Delta R.T. -0.01 min
Lab File: BF096168.D
Acq: 23 Jun 2017 19:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.4	27.8	41.6
277	22.5	20.2	30.4





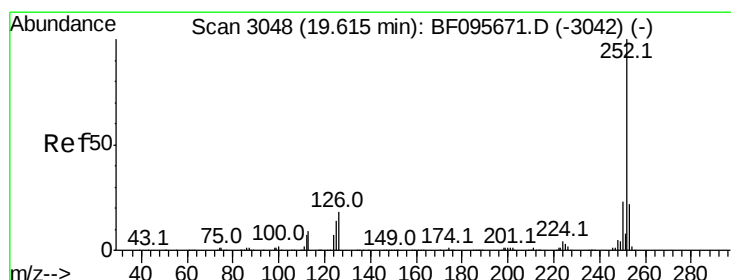
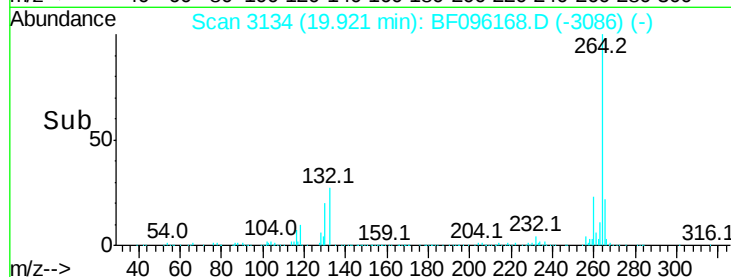
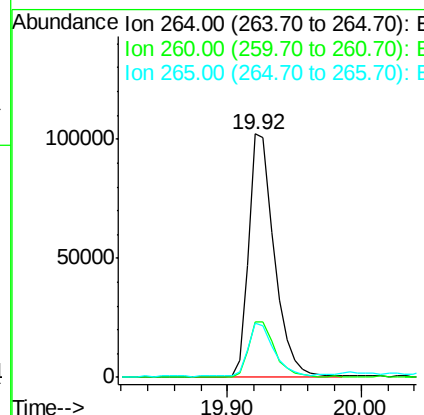
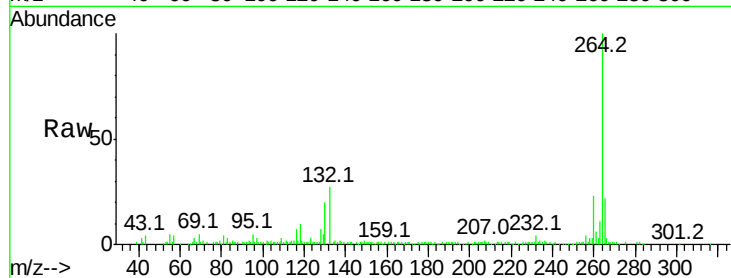
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.92 min Scan# 3134
Delta R.T. -0.02 min
Lab File: BF096168.D
Acq: 23 Jun 2017 19:52

Instrument :
BNA_F
ClientSampled :
P.56-A-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	22.4	17.2	25.8

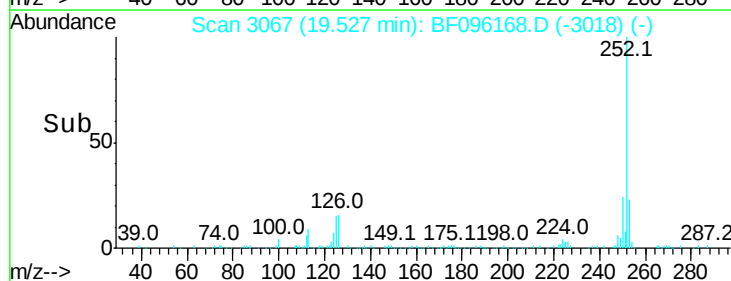
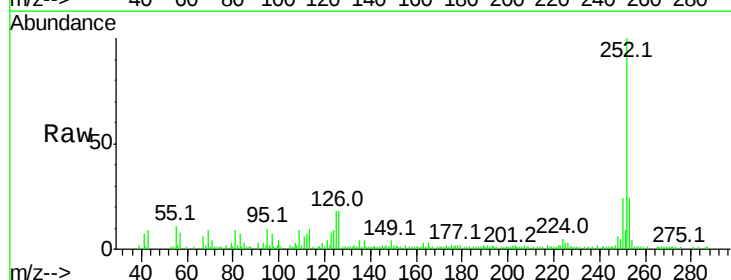
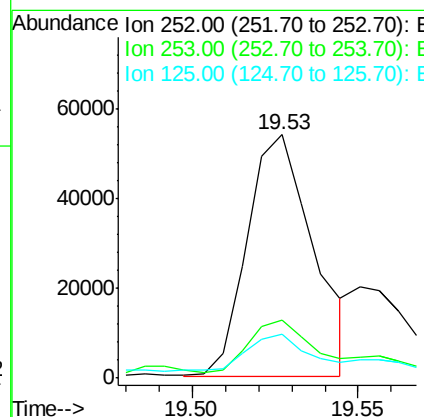
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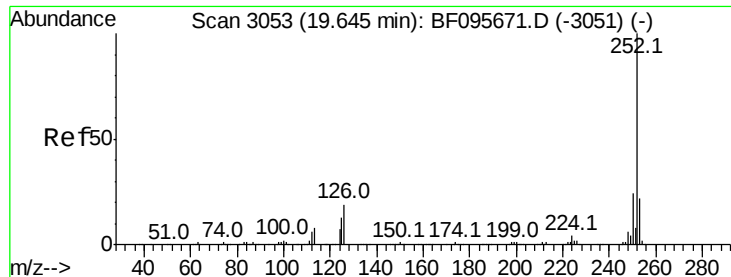
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#87
Benzo(b)fluoranthene
Concen: 8.81 ng m
RT: 19.53 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BF096168.D
Acq: 23 Jun 2017 19:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	17.9	9.8	14.8#





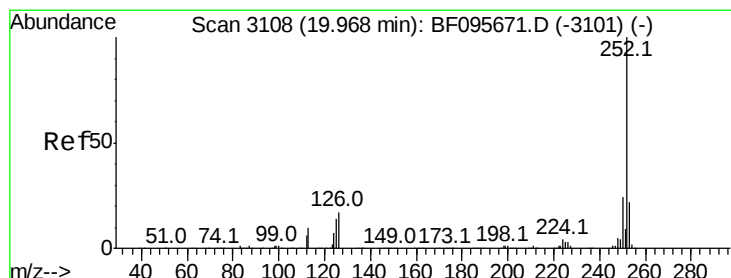
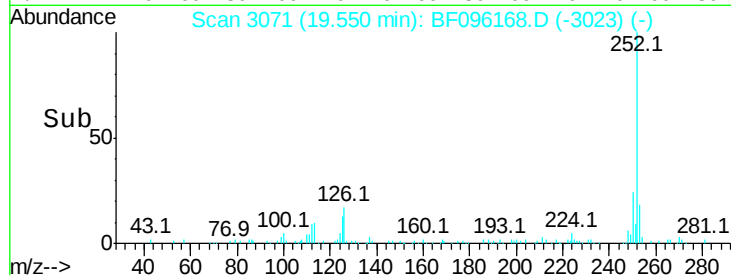
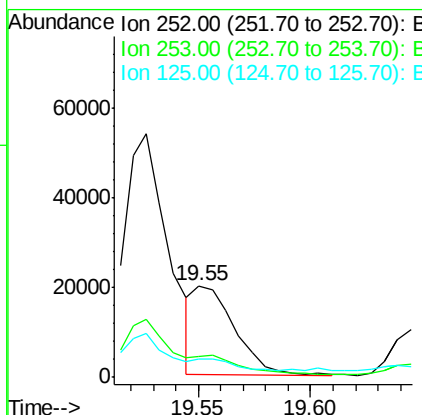
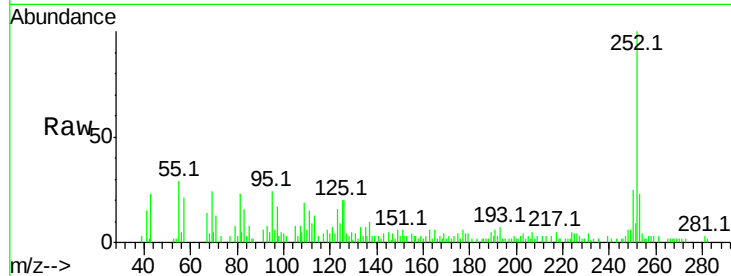
#88
Benzo(k)fluoranthene
Concen: 3.05 ng m
RT: 19.55 min Scan# 3071
Delta R.T. -0.02 min
Lab File: BF096168.D
Acq: 23 Jun 2017 19:52

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	20.5	13.1	19.7

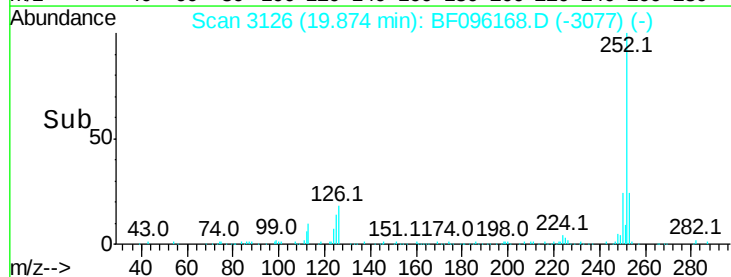
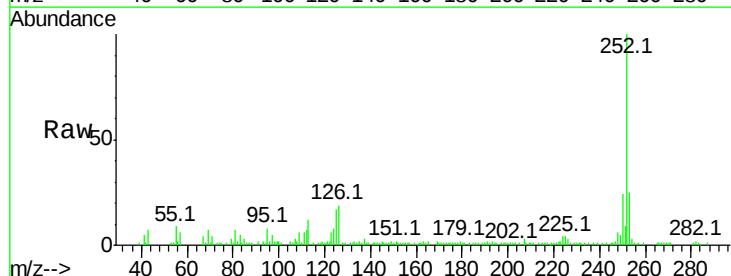
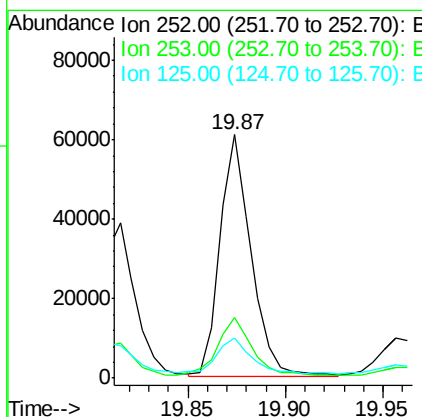
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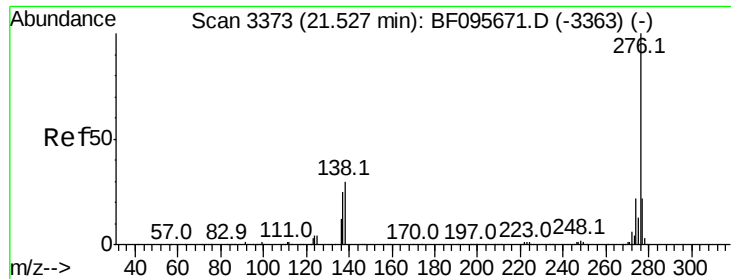
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#89
Benzo(a)pyrene
Concen: 8.63 ng
RT: 19.87 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BF096168.D
Acq: 23 Jun 2017 19:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.5	26.3
125	16.6	11.0	16.4





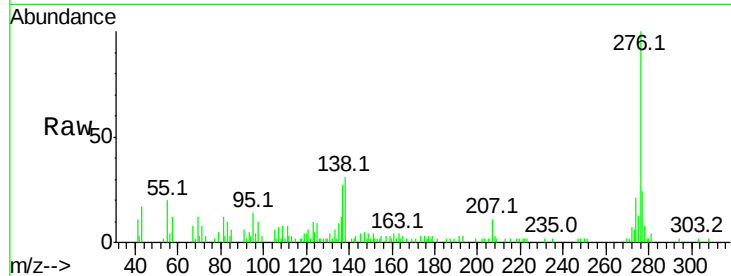
#91
 Benzo(a,h,i)perylene
 Concen: 5.93 ng
 RT: 21.42 min Scan# 3388
 Delta R.T. -0.01 min
 Lab File: BF096168.D
 Acq: 23 Jun 2017 19:52

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	31.4	25.4	38.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

