

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
 Data File : BF096173.D
 Acq On : 23 Jun 2017 22:36
 Operator : SJ/MA
 Sample : I3852-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-33-0-1.5

Manual Integrations
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mohammad
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Quant Time: Jun 24 01:05:02 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	71368	20.00	ng	-0.04
21) Naphthalene-d8	9.29	136	288308	20.00	ng	-0.04
38) Acenaphthene-d10	12.11	164	123454	20.00	ng	-0.04
63) Phenanthrene-d10	14.50	188	184367	20.00	ng	-0.04
75) Chrysene-d12	18.24	240	150581	20.00	ng	-0.03
86) Perylene-d12	19.93	264	130548	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	56666	12.65	ng	0.04
7) Phenol-d6	6.84	99	402316	75.03	ng	-0.04
23) Nitrobenzene-d5	8.18	82	304754	65.65	ng	-0.04
41) 2,4,6-Tribromophenol	13.46	330	1469	1.34	ng	0.01
44) 2-Fluorobiphenyl	11.07	172	572144	64.49	ng	-0.04
78) Terphenyl-d14	16.90	244	344658	56.80	ng	-0.03
Target Compounds						
49) Dimethylphthalate	11.77	163	145205	15.49	ng	99
70) Phenanthrene	14.55	178	38255	3.60	ng	99
74) Fluoranthene	16.34	202	61995	5.89	ng	98
77) Pyrene	16.64	202	60690	5.40	ng	# 95
80) Benzo(a)anthracene	18.24	228	27366m	3.13	ng	
82) Chrysene	18.29	228	27976	3.20	ng	# 93
87) Benzo(b)fluoranthene	19.53	252	28155m	3.44	ng	
89) Benzo(a)pyrene	19.88	252	20496	2.73	ng	# 76

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

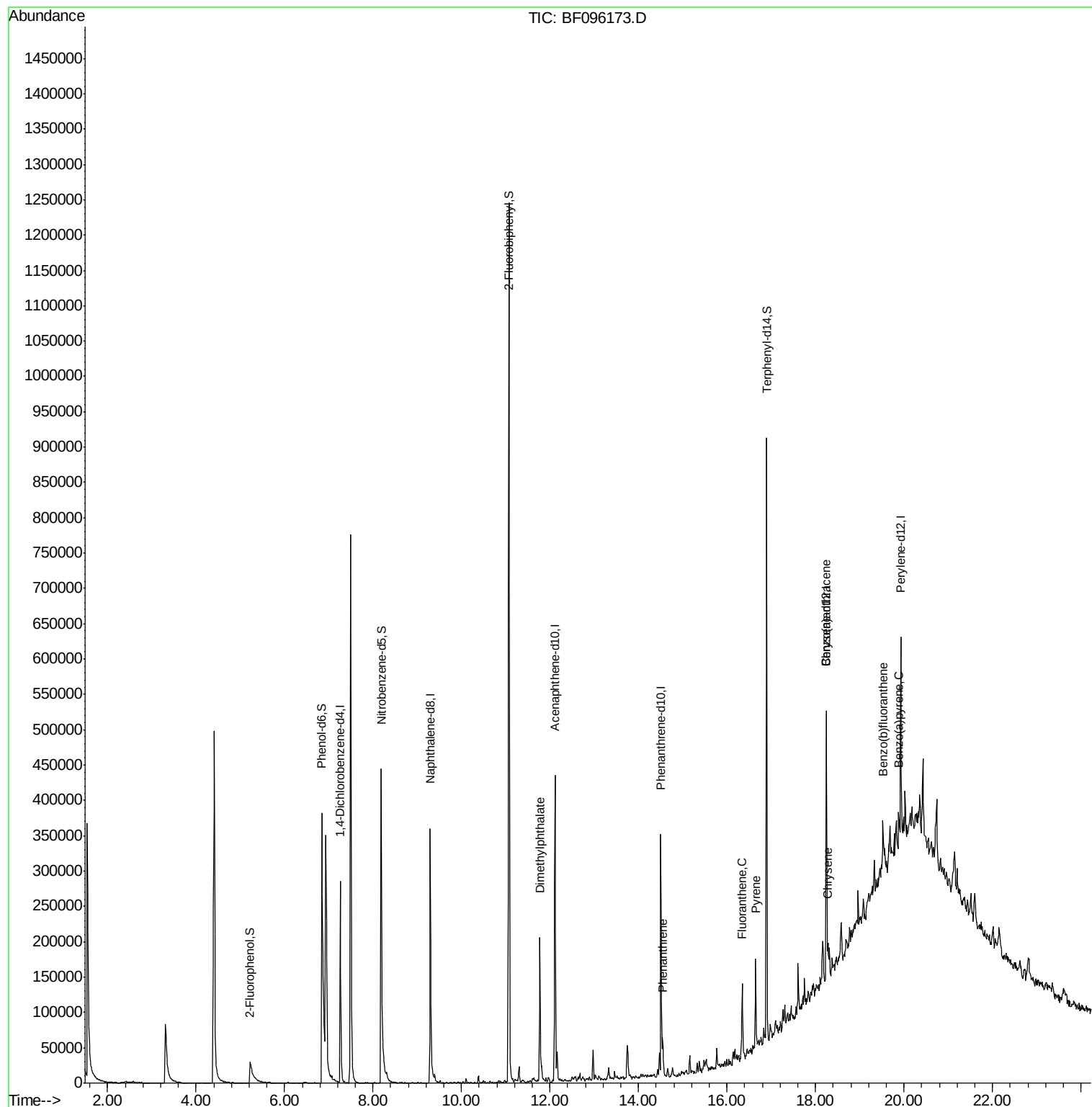
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096173.D
Acq On : 23 Jun 2017 22:36
Operator : SJ/MA
Sample : I3852-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

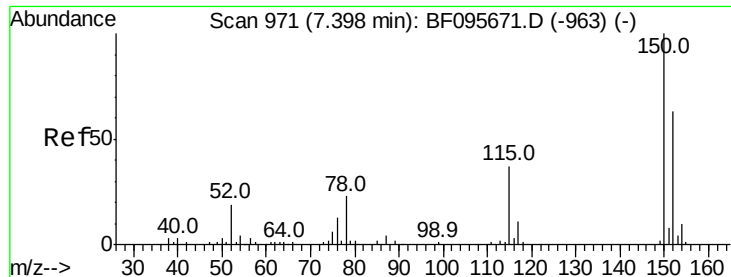
Instrument :
BNA_F
ClientSampleId :
G-33-0-1.5

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Quant Time: Jun 24 01:05:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

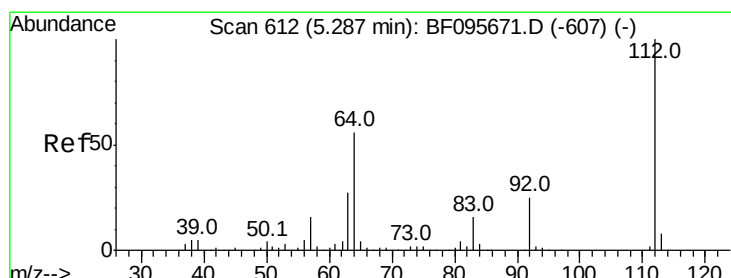
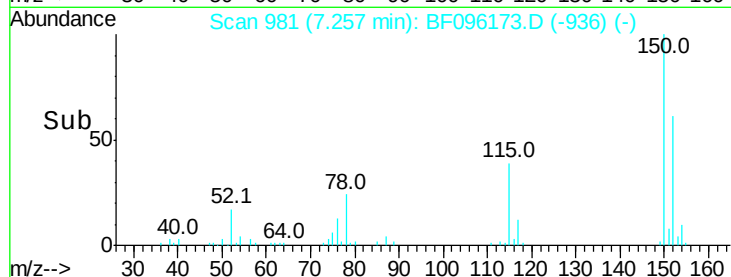
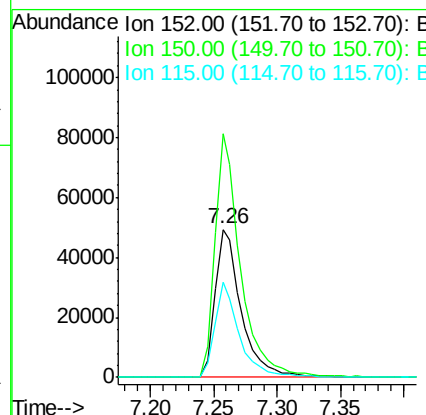
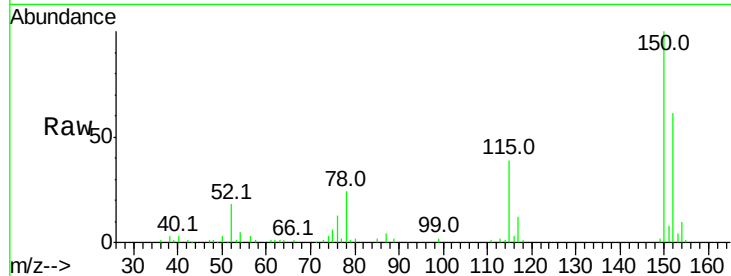
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 981
Delta R.T. -0.04 min
Lab File: BF096173.D
Acq: 23 Jun 2017 22:36

Instrument :
BNA_F
ClientSampled :
G-33-0-1.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.7	126.2	189.2
115	64.7	52.2	78.2

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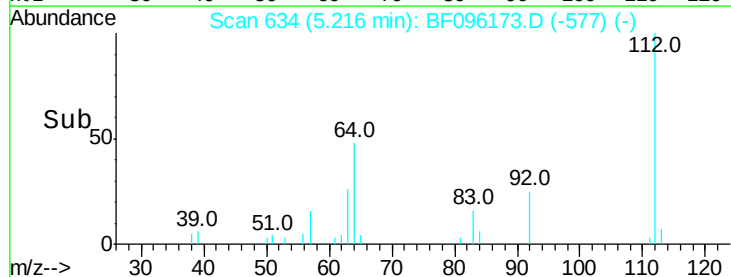
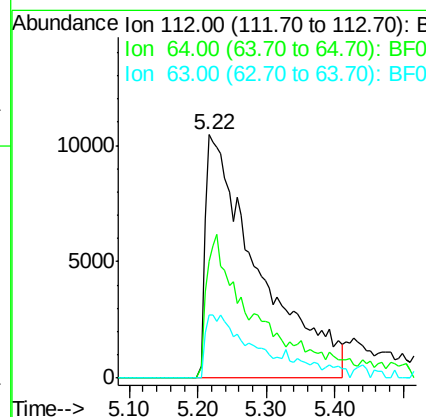
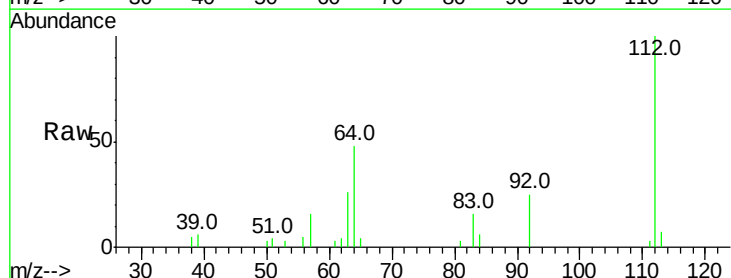
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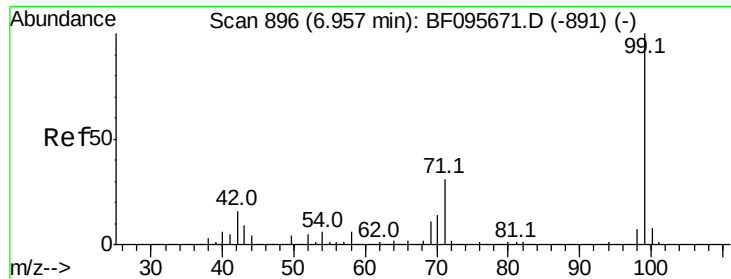


#5

2-Fluorophenol
Concen: 12.65 ng
RT: 5.22 min Scan# 634
Delta R.T. 0.04 min
Lab File: BF096173.D
Acq: 23 Jun 2017 22:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.0	46.0	69.0
63	26.1	23.4	35.0





#7

Phenol-d6

Concen: 75.03 ng

RT: 6.84 min Scan# 910

Delta R.T. -0.04 min

Lab File: BF096173.D

Acq: 23 Jun 2017 22:36

Instrument :

BNA_F

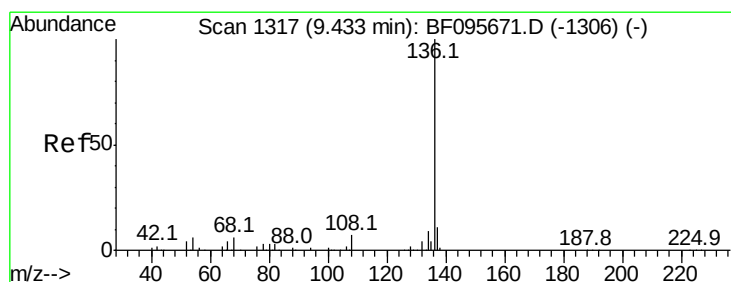
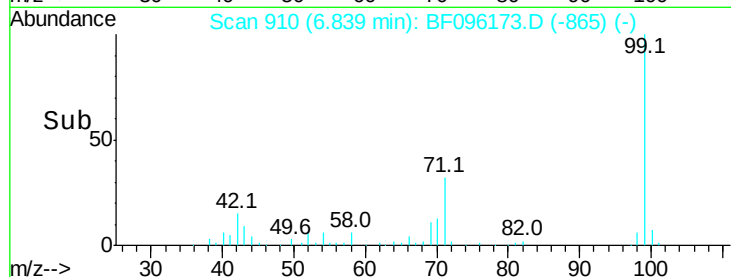
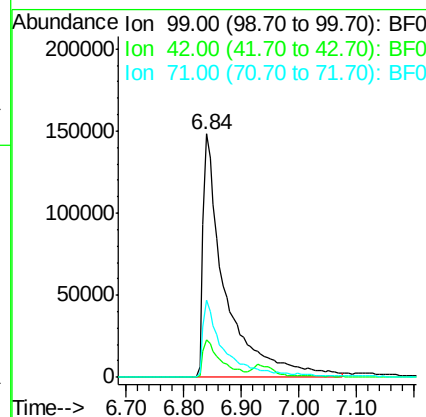
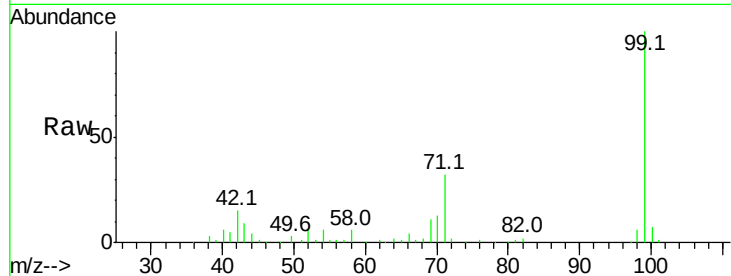
ClientSampleId :

G-33-0-1.5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		402316		
42	15.3	13.5	20.3		
71	31.9	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

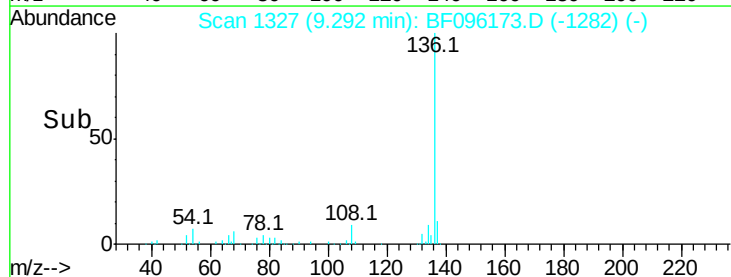
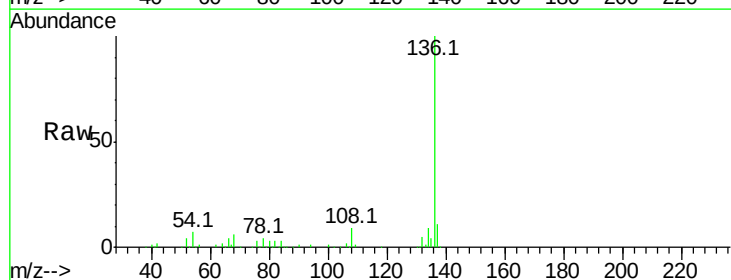
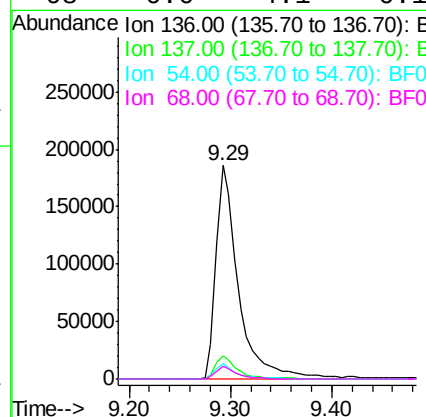
RT: 9.29 min Scan# 1327

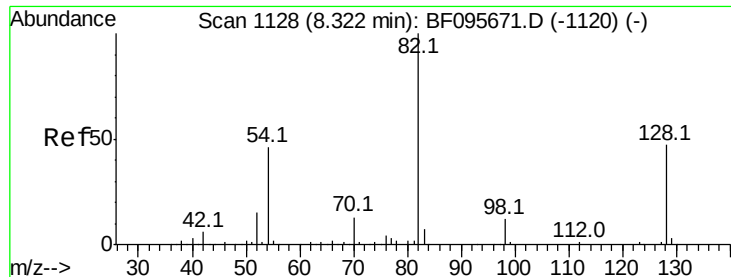
Delta R.T. -0.04 min

Lab File: BF096173.D

Acq: 23 Jun 2017 22:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		288308		
137	11.1	8.5	12.7		
54	7.0	4.9	7.3		
68	6.0	4.1	6.1		





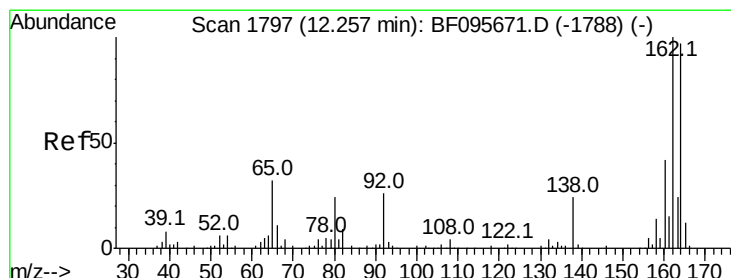
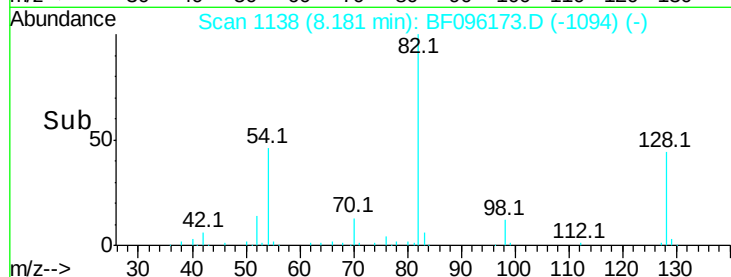
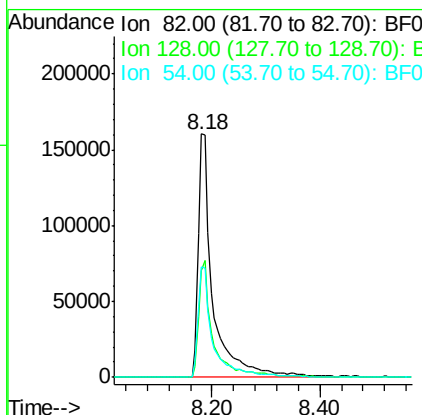
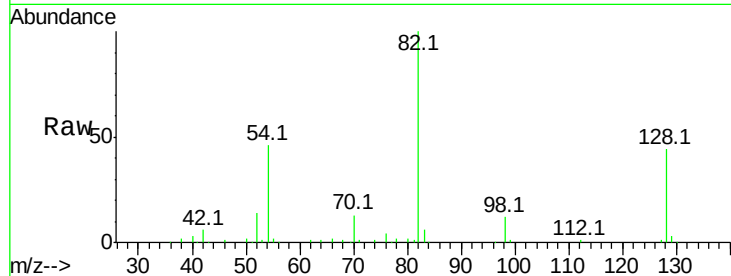
#23
 Nitrobenzene-d5
 Concen: 65.65 ng
 RT: 8.18 min Scan# 1138
 Delta R.T. -0.04 min
 Lab File: BF096173.D
 Acq: 23 Jun 2017 22:36

Instrument :
 BNA_F
 ClientSampleId :
 G-33-0-1.5

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.0	51.0
54	45.6	42.2	63.2

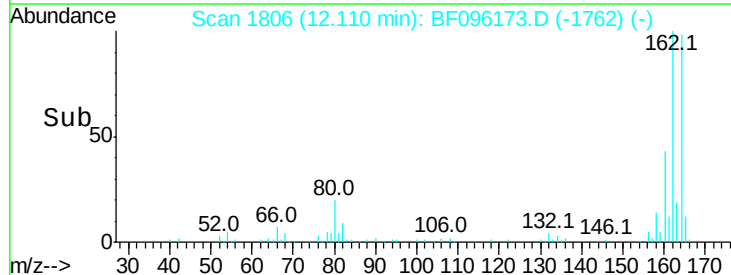
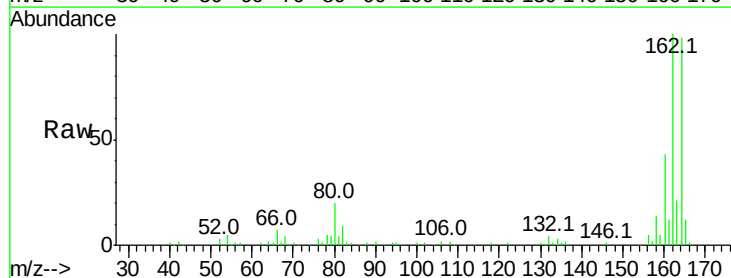
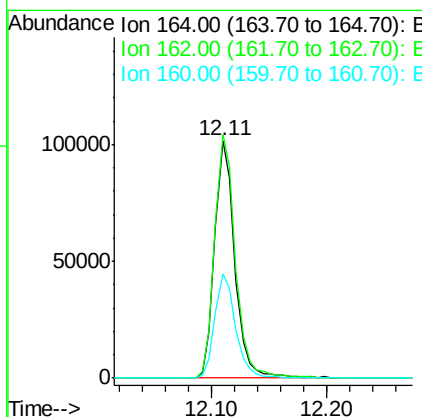
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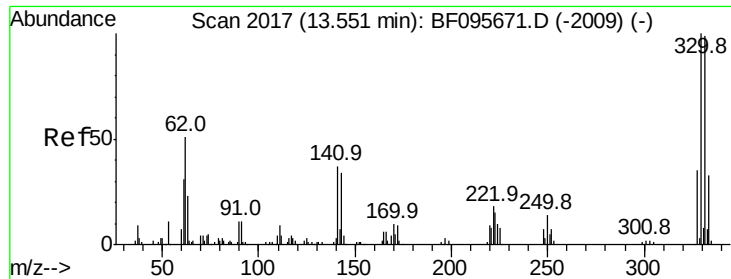
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.11 min Scan# 1806
 Delta R.T. -0.04 min
 Lab File: BF096173.D
 Acq: 23 Jun 2017 22:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	43.8	36.2	54.2





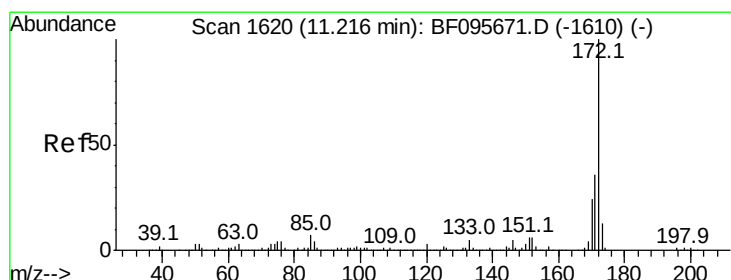
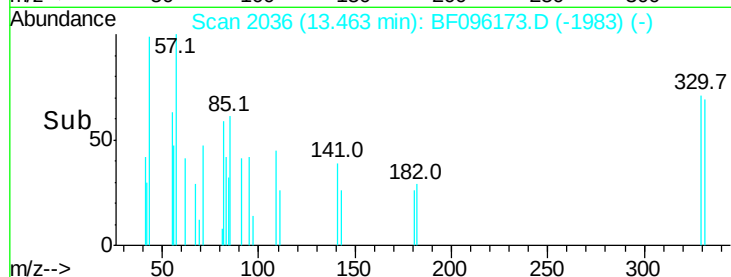
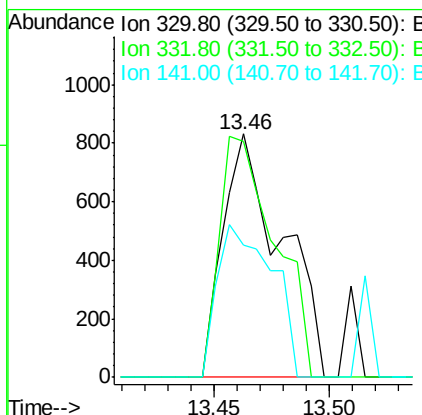
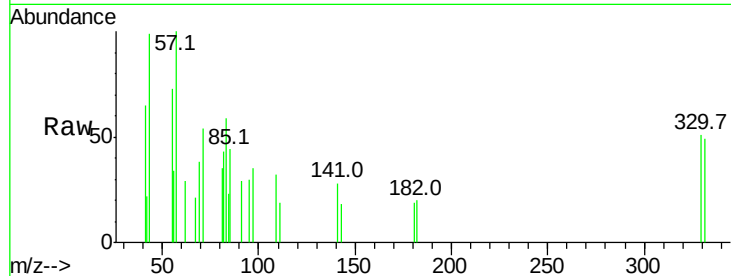
#41
 2,4,6-Tribromophenol
 Concen: 1.34 ng
 RT: 13.46 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BF096173.D
 Acq: 23 Jun 2017 22:36

Instrument :
 BNA_F
 ClientSampled :
 G-33-0-1.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	76.6	115.0
141	59.0	31.4	47.2#

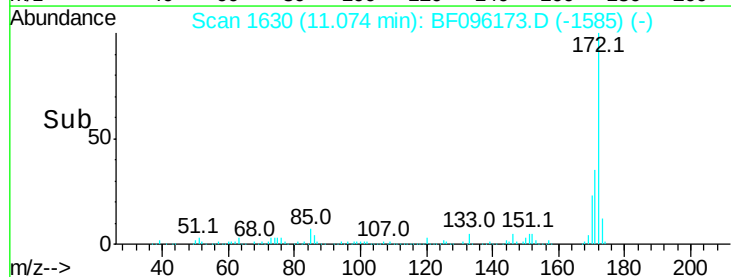
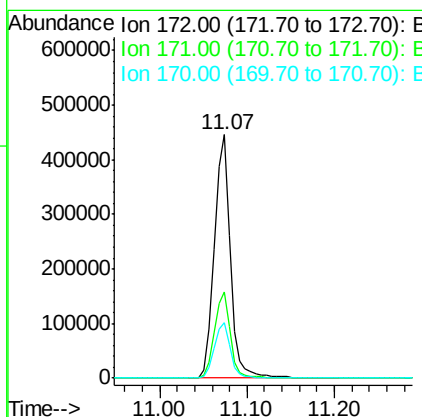
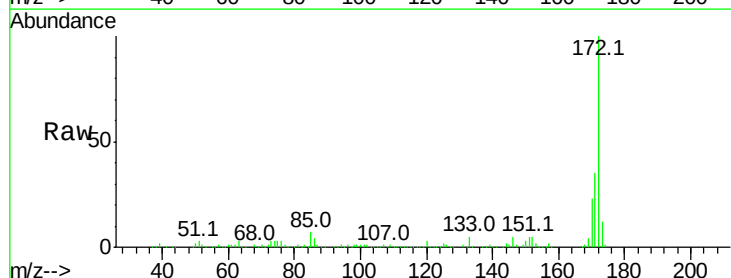
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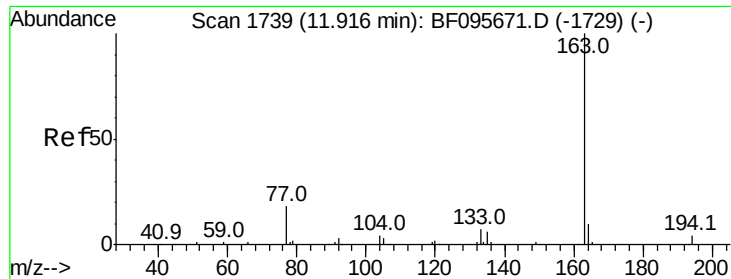
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#44
 2-Fluorobiphenyl
 Concen: 64.49 ng
 RT: 11.07 min Scan# 1630
 Delta R.T. -0.04 min
 Lab File: BF096173.D
 Acq: 23 Jun 2017 22:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	22.6	19.8	29.8





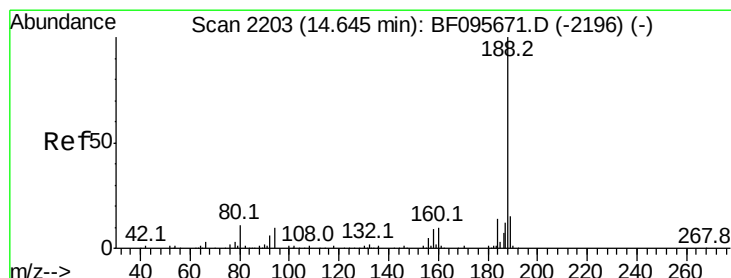
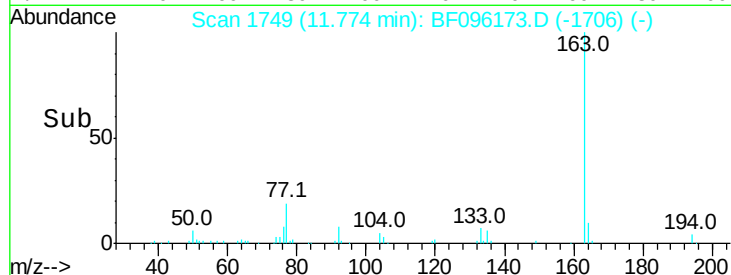
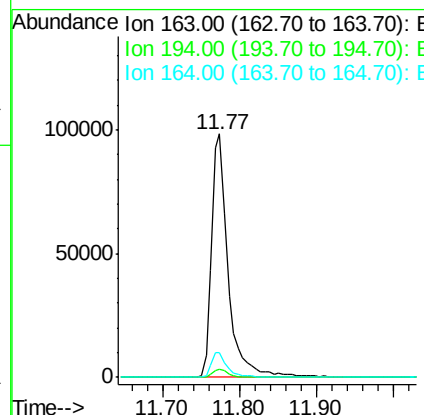
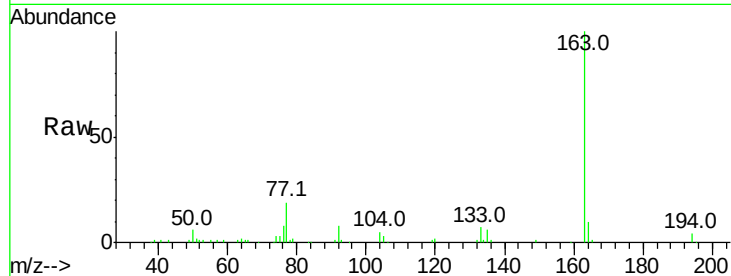
#49
Dimethylphthalate
Concen: 15.49 ng
RT: 11.77 min Scan# 1749
Delta R.T. -0.05 min
Lab File: BF096173.D
Acq: 23 Jun 2017 22:36

Instrument :
BNA_F
ClientSampled :
G-33-0-1.5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	145205		
194	3.6		2.6	4.0
164	10.3		8.4	12.6

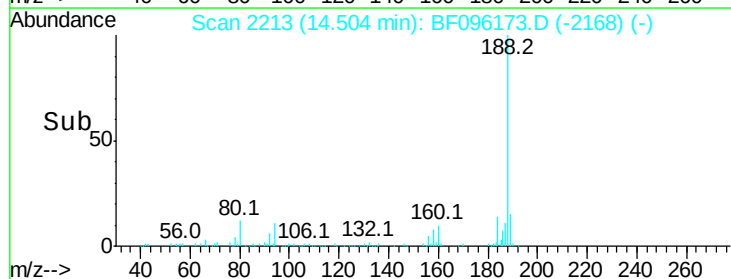
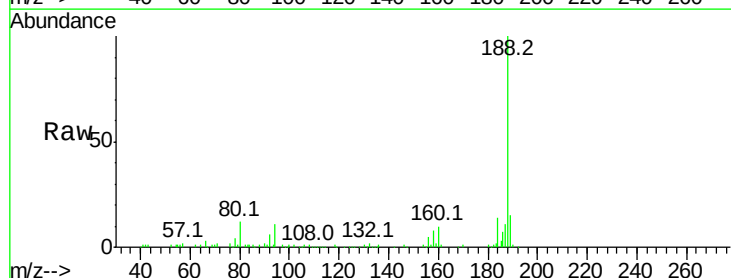
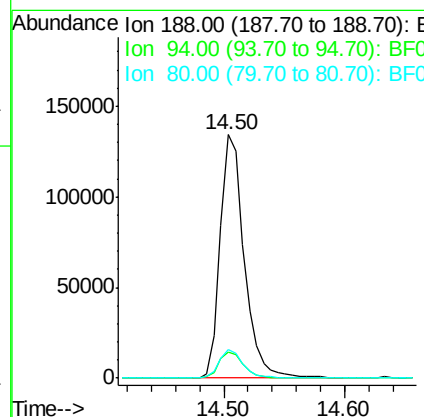
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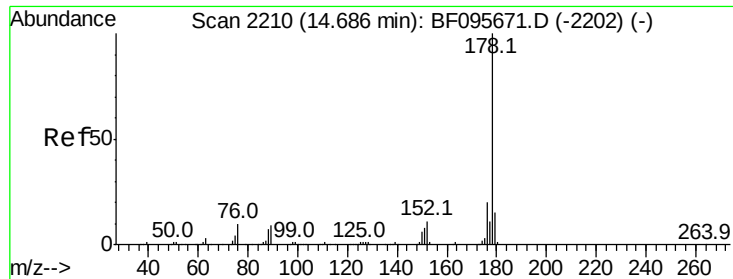
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.50 min Scan# 2213
Delta R.T. -0.04 min
Lab File: BF096173.D
Acq: 23 Jun 2017 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	184367		
94	10.8		9.4	14.2
80	11.8		10.2	15.2





#70

Phenanthrene

Concen: 3.60 ng

RT: 14.55 min Scan# 2221

Delta R.T. -0.03 min

Lab File: BF096173.D

Acq: 23 Jun 2017 22:36

Instrument :

BNA_F

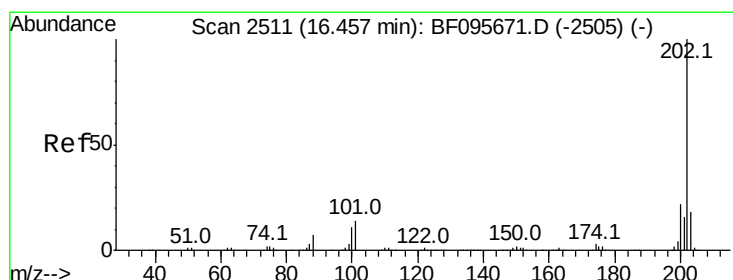
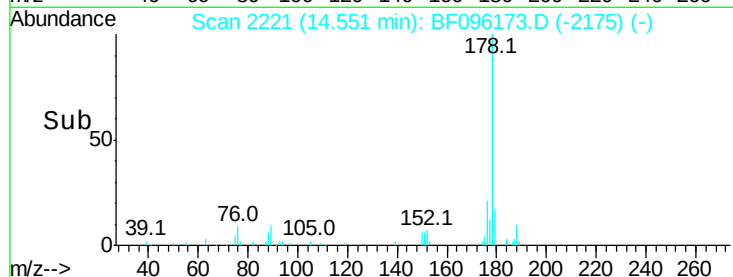
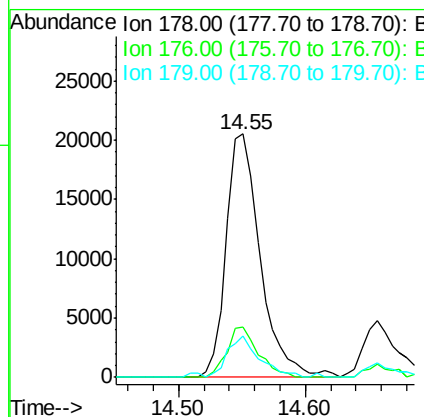
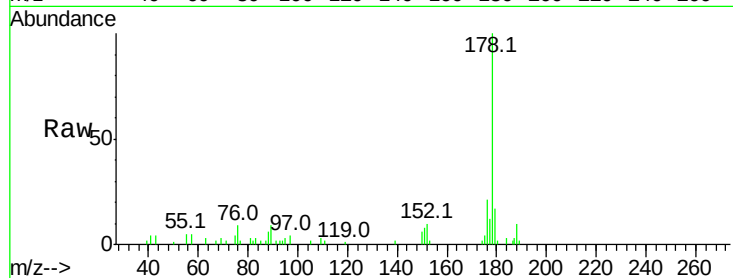
ClientSampled :

G-33-0-1.5

Tot Ion:178	Resp:	38255
Ion Ratio	Lower	Upper
178	100	
176	20.5	16.2 24.4
179	16.9	12.6 19.0

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#74

Fluoranthene

Concen: 5.89 ng

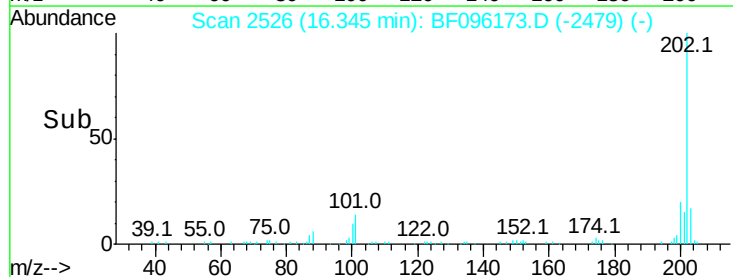
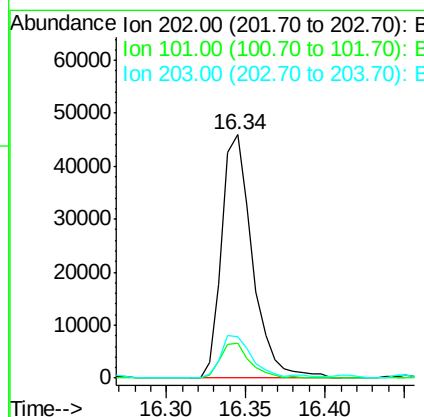
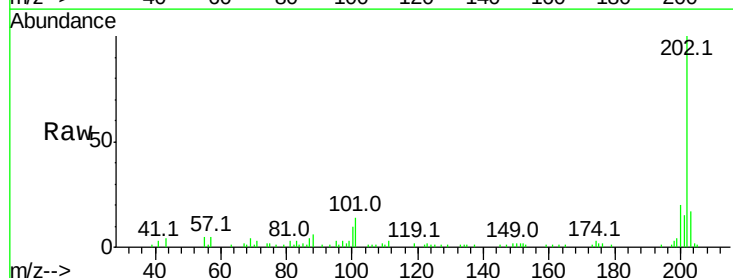
RT: 16.34 min Scan# 2526

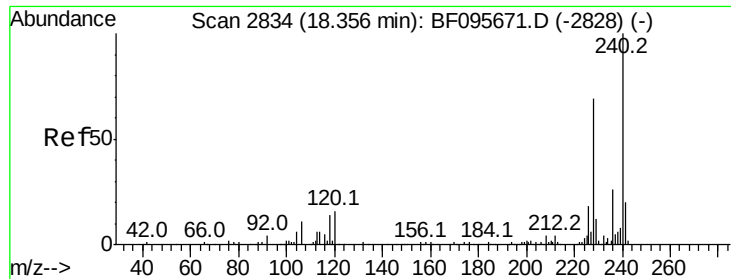
Delta R.T. -0.02 min

Lab File: BF096173.D

Acq: 23 Jun 2017 22:36

Tgt Ion:202	Resp:	61995
Ion Ratio	Lower	Upper
202	100	
101	14.4	0.0 33.2
203	17.2	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: BF096173.D

Acq: 23 Jun 2017 22:36

Instrument :

BNA_F

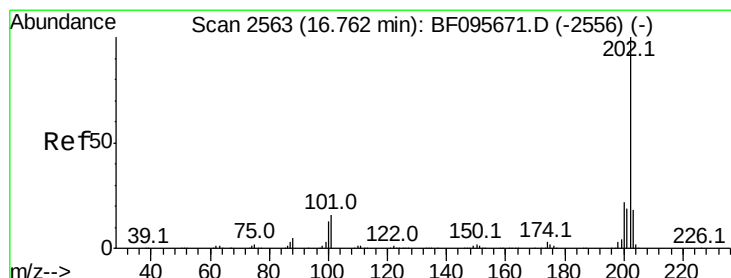
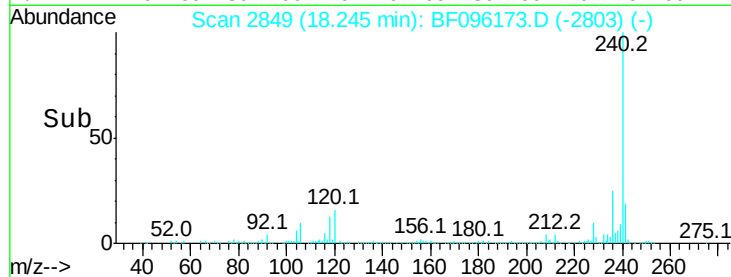
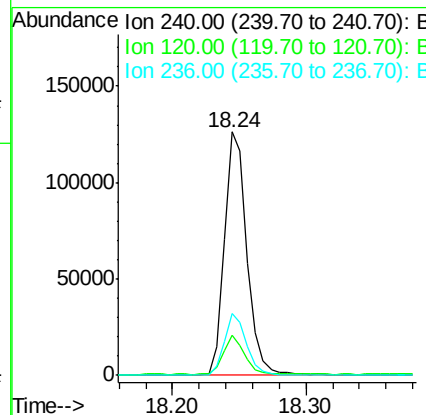
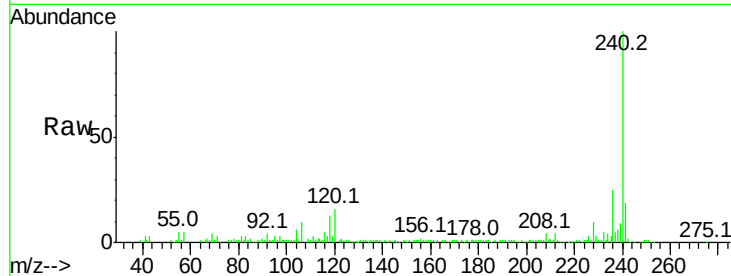
ClientSampleId :

G-33-0-1.5

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.3	5.8	8.8#
236	25.3	20.5	30.7

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#77

Pyrene

Concen: 5.40 ng

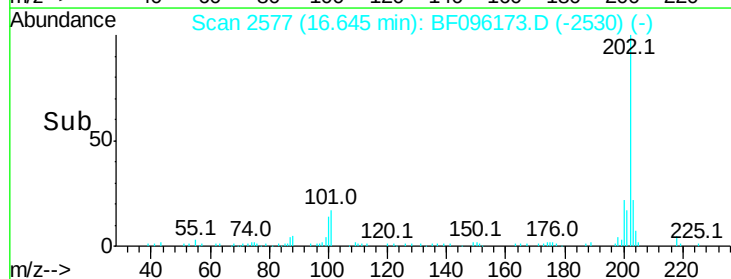
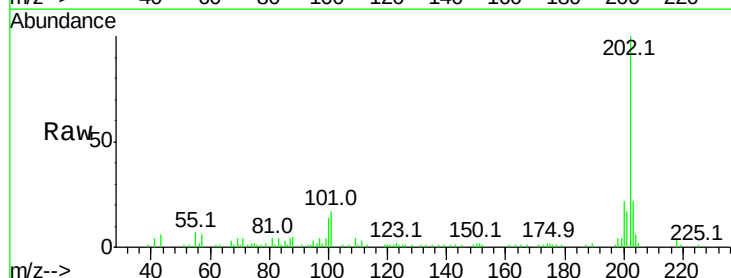
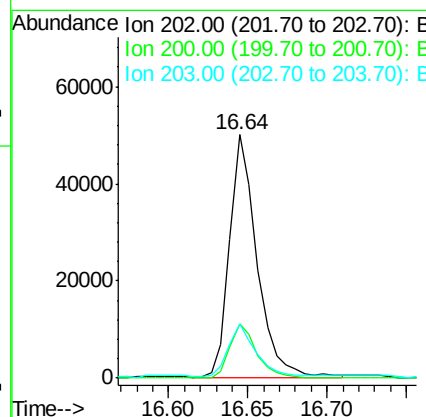
RT: 16.64 min Scan# 2577

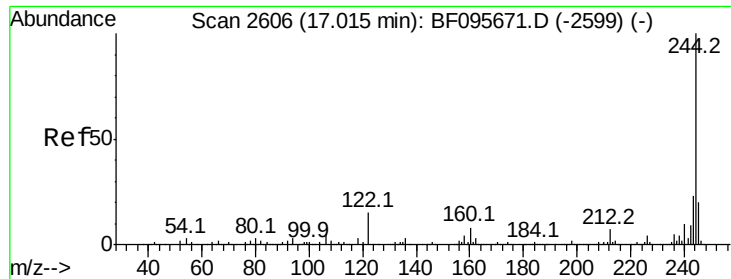
Delta R.T. -0.02 min

Lab File: BF096173.D

Acq: 23 Jun 2017 22:36

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.6	26.4
203	22.1	14.4	21.6#





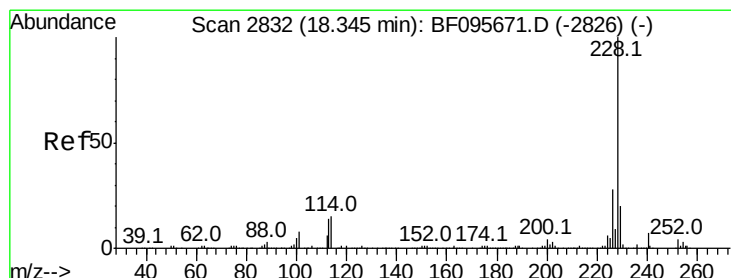
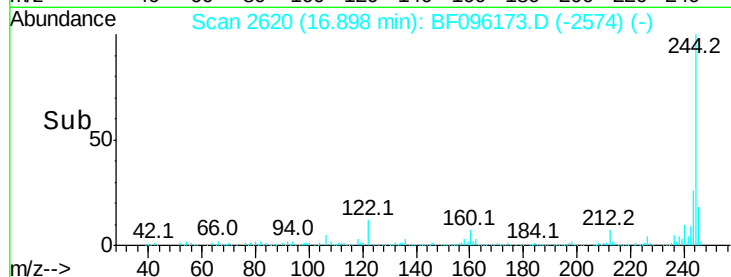
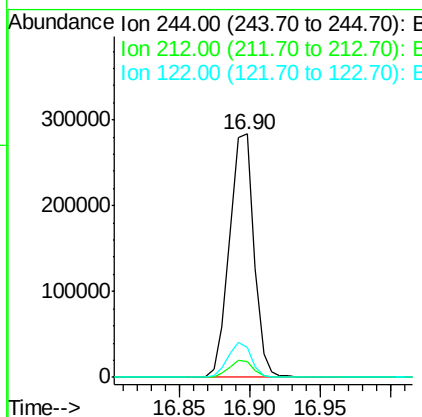
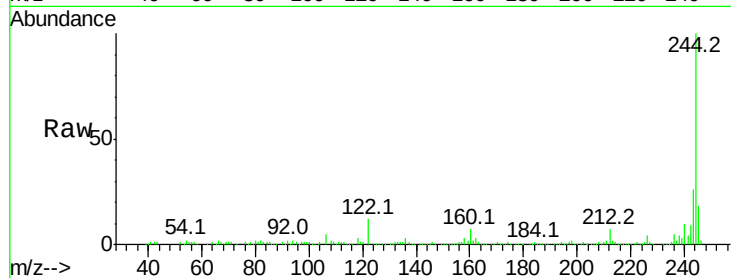
#78
 Terphenyl-d14
 Concen: 56.80 ng
 RT: 16.90 min Scan# 2620
 Delta R.T. -0.03 min
 Lab File: BF096173.D
 Acq: 23 Jun 2017 22:36

Instrument :
 BNA_F
 ClientSampleId :
 G-33-0-1.5

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	12.4	10.3	15.5

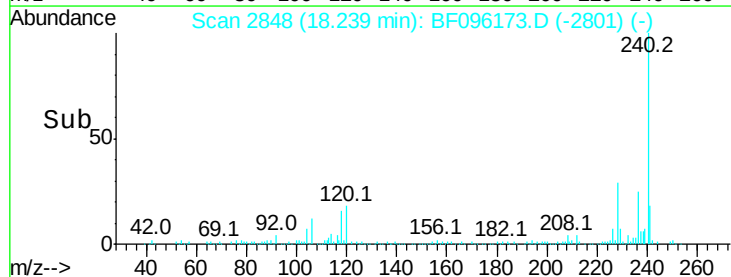
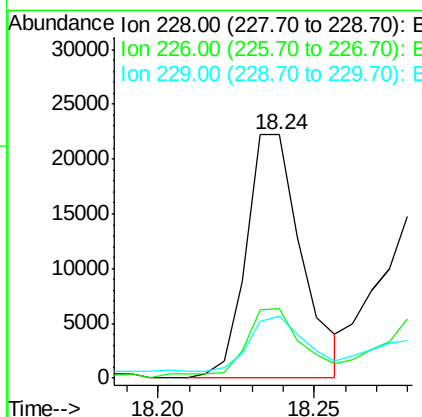
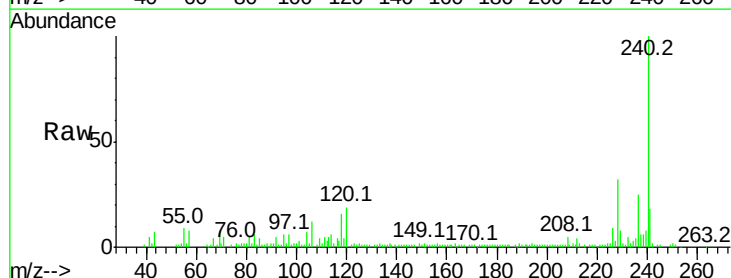
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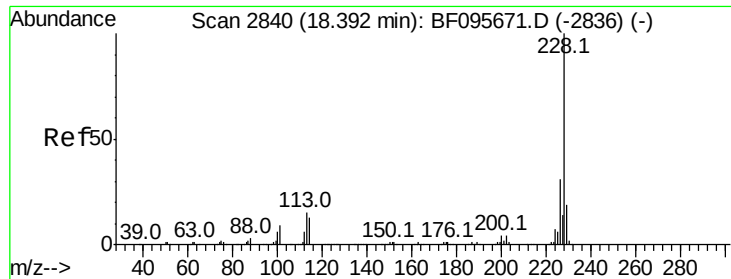
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#80
 Benzo(a)anthracene
 Concen: 3.13 ng m
 RT: 18.24 min Scan# 2848
 Delta R.T. -0.02 min
 Lab File: BF096173.D
 Acq: 23 Jun 2017 22:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	25.1	16.3	24.5





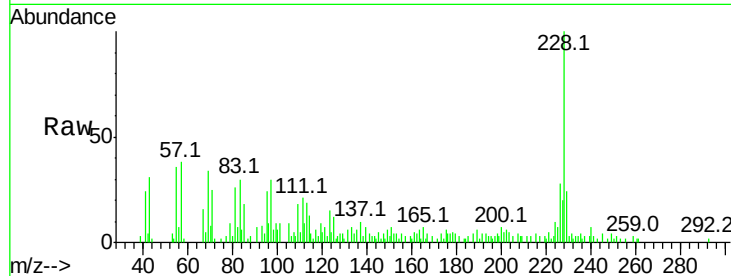
#82
Chrysene
Concen: 3.20 ng
RT: 18.29 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BF096173.D
Acq: 23 Jun 2017 22:36

Instrument :
BNA_F
ClientSampleId :
G-33-0-1.5

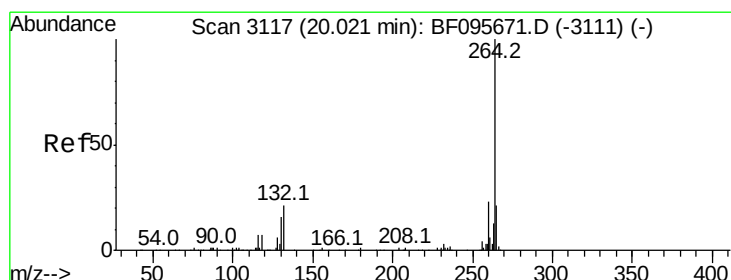
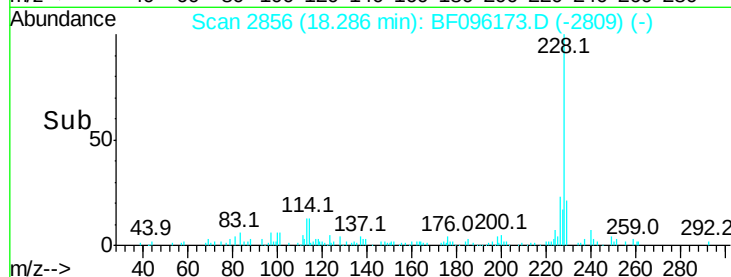
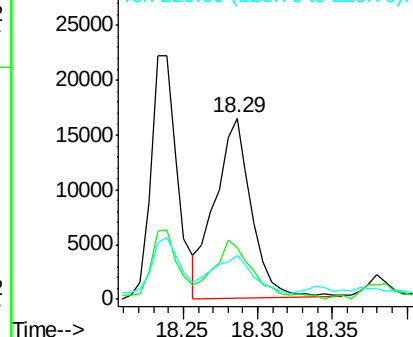
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.9	37.3
229	24.3	15.8	23.6

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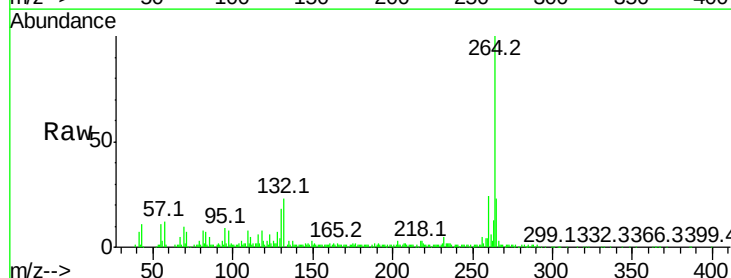


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

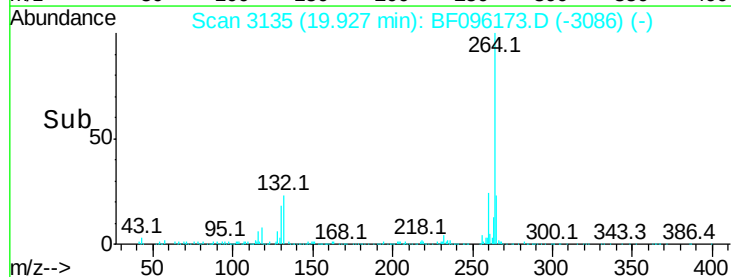
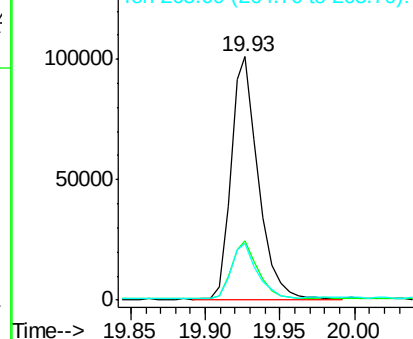


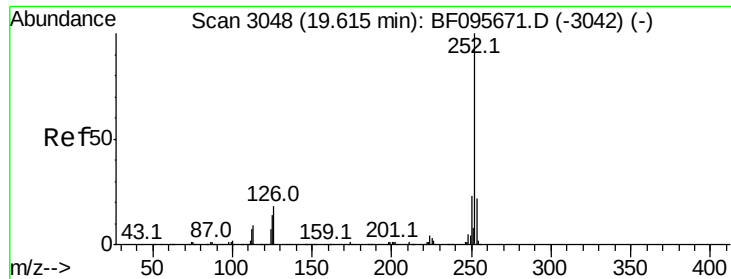
#86
Perylene-d12
Concen: 20.00 ng
RT: 19.93 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BF096173.D
Acq: 23 Jun 2017 22:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	23.3	17.2	25.8



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





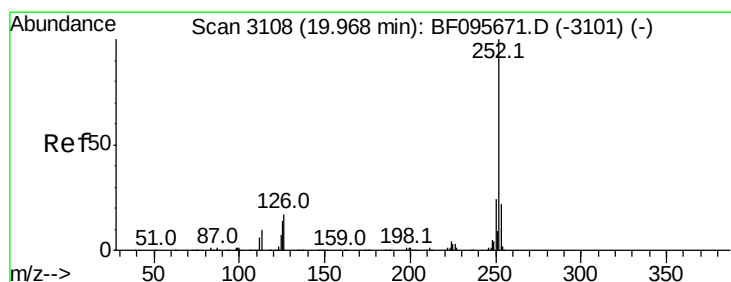
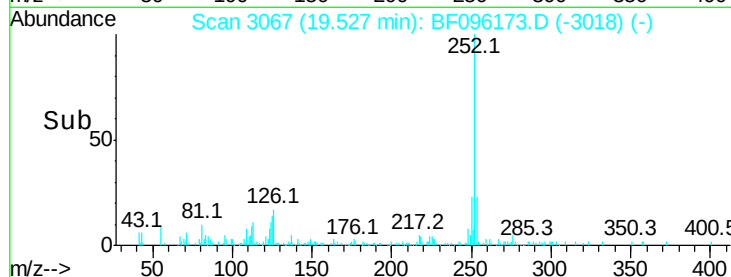
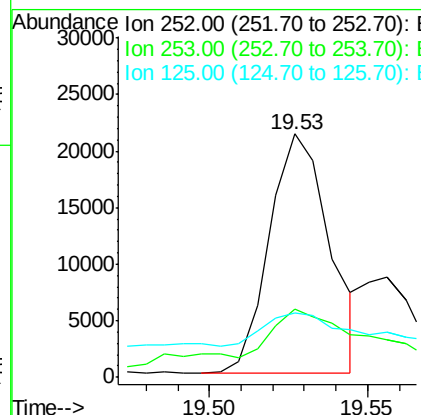
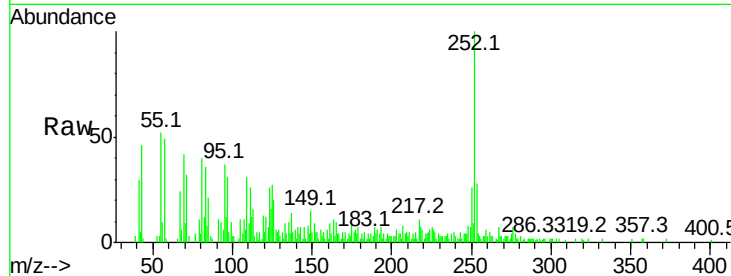
#87
Benzo(b)fluoranthene
Concen: 3.44 ng m
RT: 19.53 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BF096173.D
Acq: 23 Jun 2017 22:36

Instrument :
BNA_F
ClientSampleId :
G-33-0-1.5

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	28.2	18.1	27.1#
125	26.5	9.8	14.8#

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#89
Benzo(a)pyrene
Concen: 2.73 ng
RT: 19.88 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BF096173.D
Acq: 23 Jun 2017 22:36

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	27.5	17.5	26.3#
125	31.1	11.0	16.4#

