

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103264.D
 Acq On : 27 Feb 2018 15:48
 Operator : SJ/JU
 Sample : J1397-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-022318-B

Manual Integrations
 APPROVED

Sohil
 2/28/2018 11:17:41 AM

Quant Time: Feb 27 17:23:53 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	142805	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	588105	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	239463	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	334040	20.00	ng	0.00
75) Chrysene-d12	14.05	240	250761	20.00	ng	0.00
86) Perylene-d12	15.56	264	184314	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	954541	101.09	ng	0.00
7) Phenol-d6	6.51	99	1135483	98.28	ng	0.00
23) Nitrobenzene-d5	7.44	82	711687	69.11	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	180252	88.93	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	995680	68.31	ng	0.00
78) Terphenyl-d14	12.99	244	637487	61.11	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	133632	6.956	ng	99
57) Fluorene	10.46	166	33535	2.014	ng	98
70) Phenanthrene	11.43	178	146225	7.954	ng	98
71) Anthracene	11.48	178	40001	2.122	ng	100
74) Fluoranthene	12.62	202	138027	7.472	ng	99
77) Pyrene	12.85	202	184802	9.452	ng	99
80) Benzo(a)anthracene	14.04	228	62253	3.826	ng	# 92
82) Chrysene	14.08	228	68008	4.305	ng	96
87) Benzo(b)fluoranthene	15.12	252	45825m	3.781	ng	
89) Benzo(a)pyrene	15.49	252	36805	3.401	ng	# 76
91) Benzo(g,h,i)perylene	17.54	276	18538	2.268	ng	# 83

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

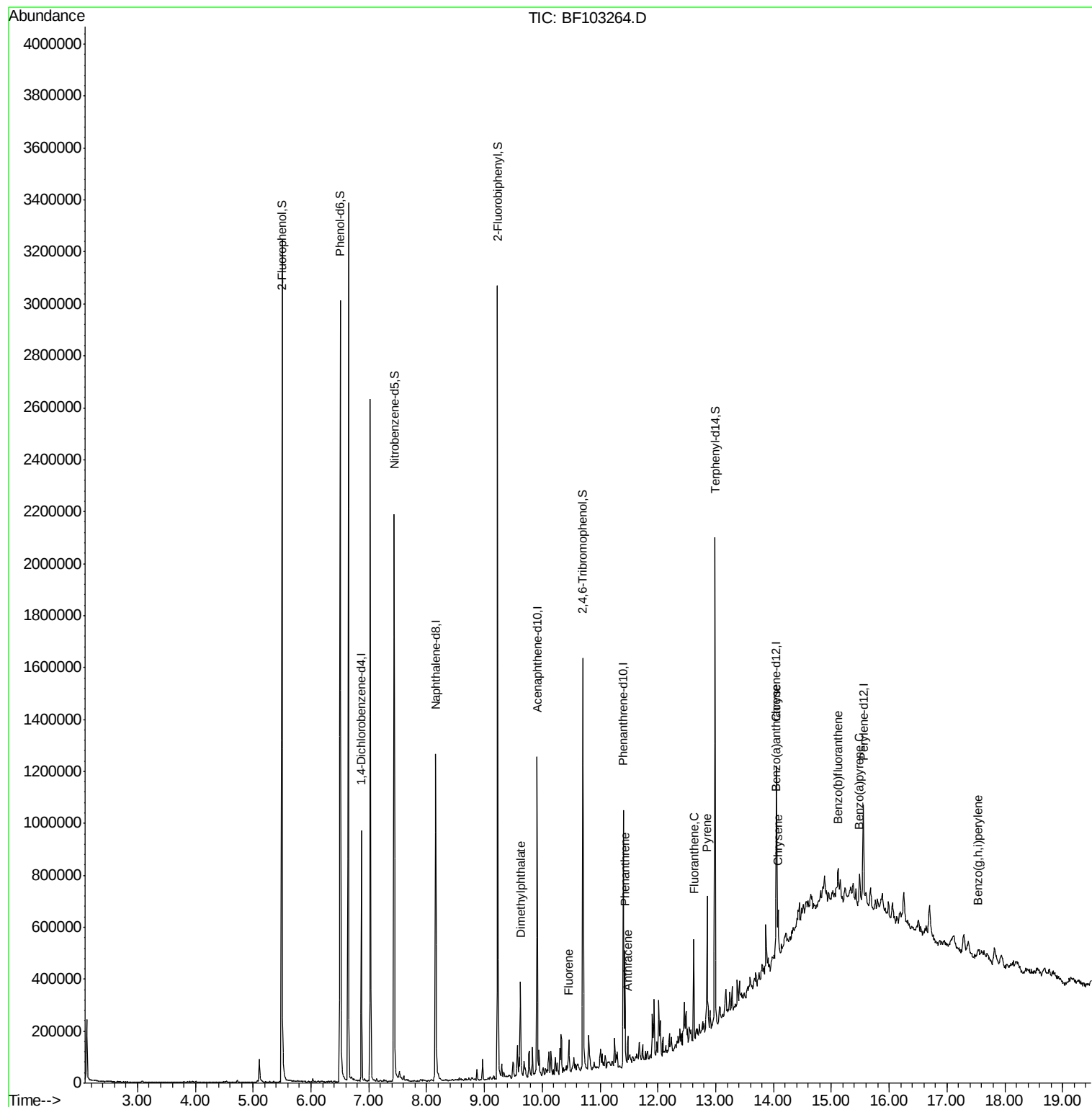
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103264.D
Acq On : 27 Feb 2018 15:48
Operator : SJ/JU
Sample : J1397-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

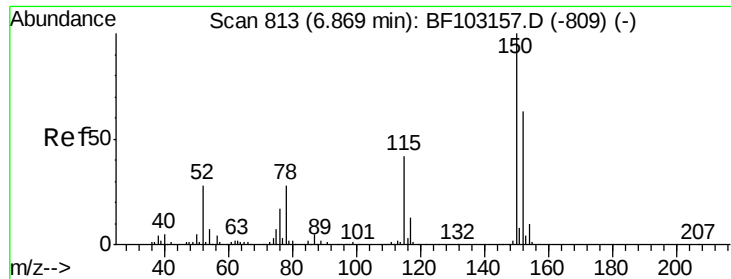
Instrument :
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CL-02-022318-B

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#1

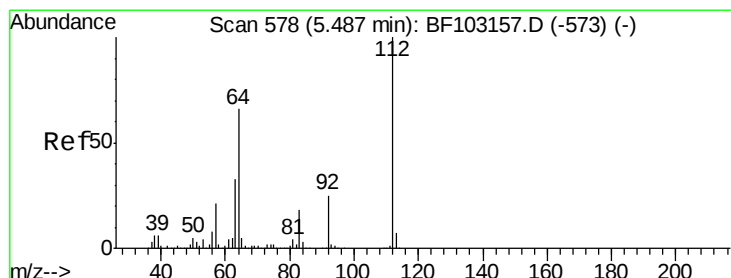
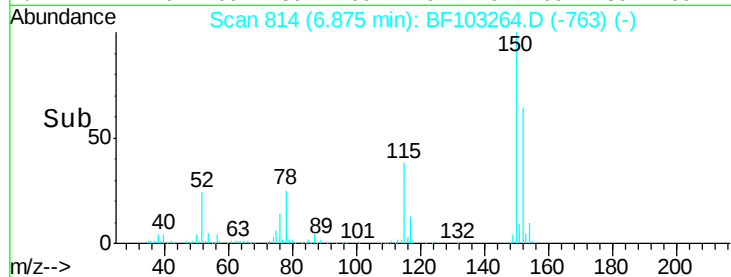
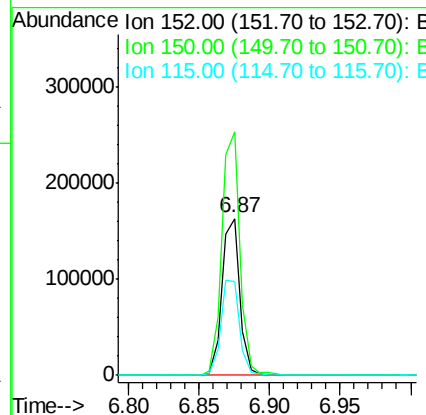
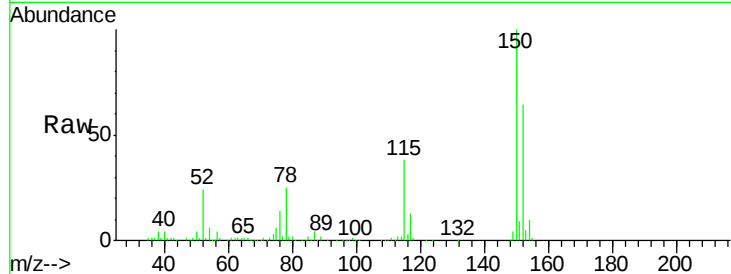
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Instrument :
BNA_F
ClientSampleId :
CL-02-022318-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	59.7	50.1	75.1

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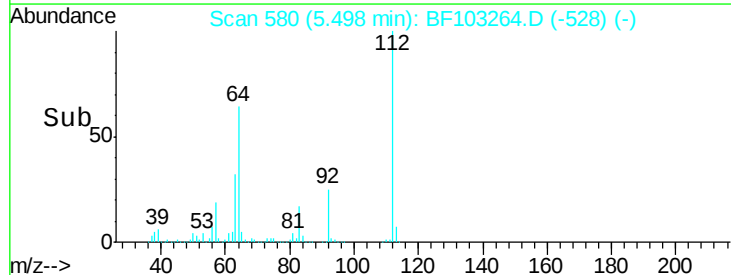
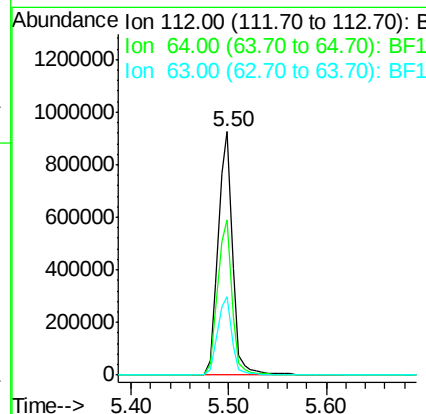
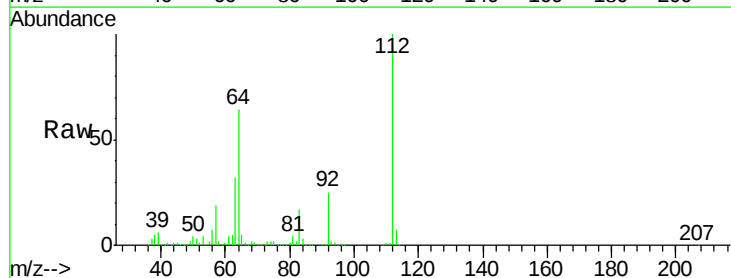
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#5

2-Fluorophenol
Concen: 101.094 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	47.9	71.9
63	32.3	23.7	35.5





#7

Phenol-d6

Concen: 98.278 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103264.D

Acq: 27 Feb 2018 15:48

Instrument :

BNA_F

ClientSampleId :

CL-02-022318-B

Tot Ion: 99 Resp: 1135483

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

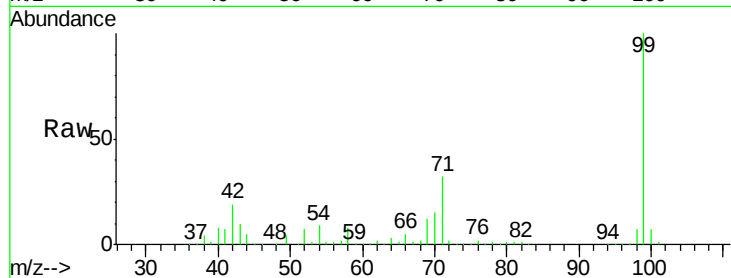
71 32.4 25.4 38.0

Manual Integrations

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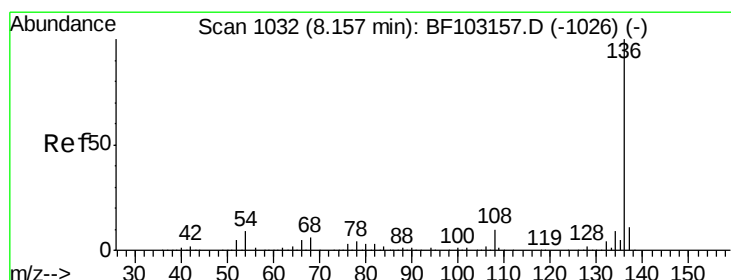
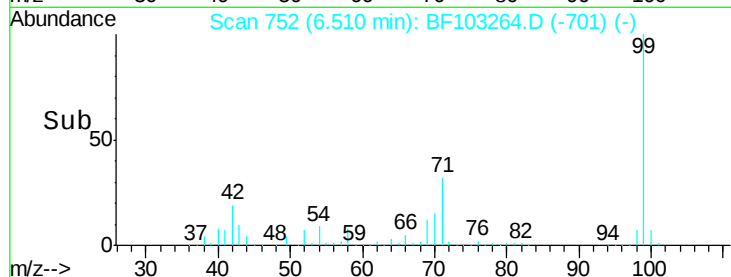
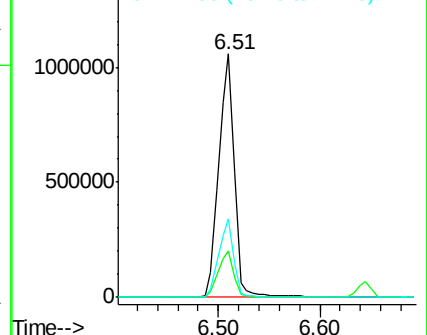
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103264.D

Acq: 27 Feb 2018 15:48

Tgt Ion: 136 Resp: 588105

Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.3 6.6 9.8

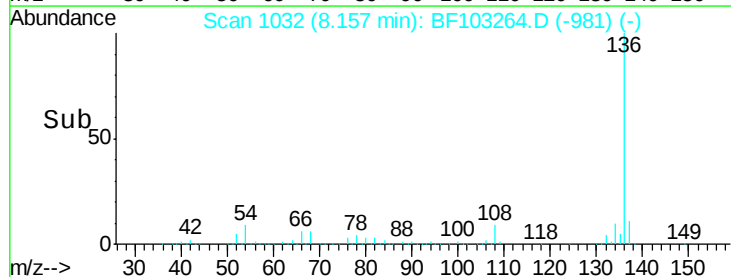
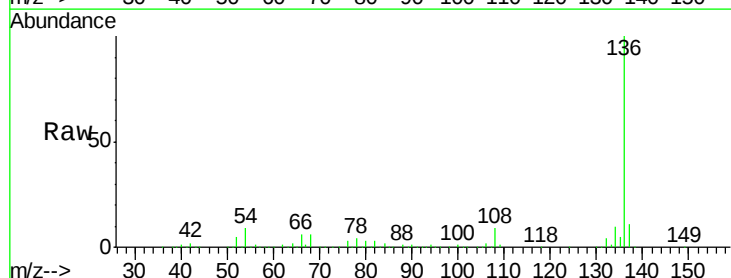
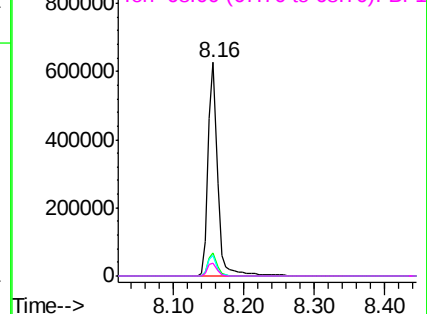
68 6.3 5.0 7.4

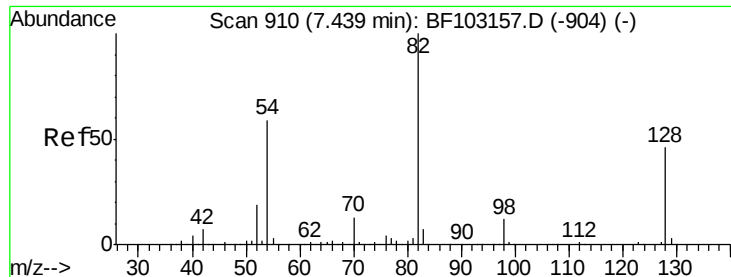
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





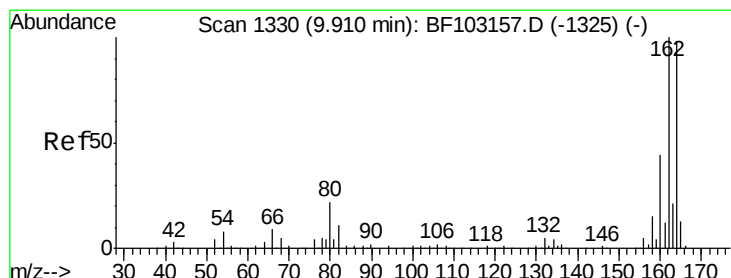
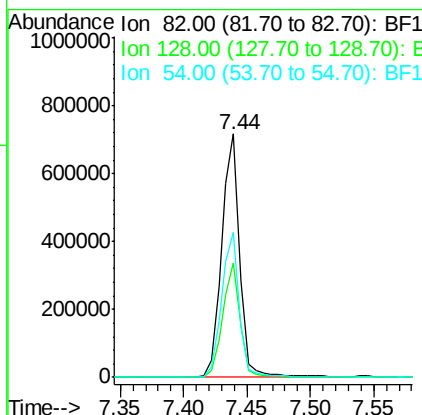
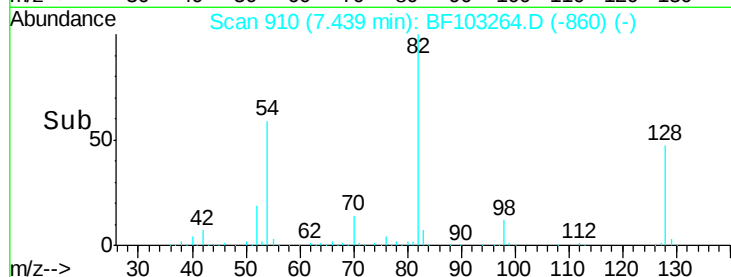
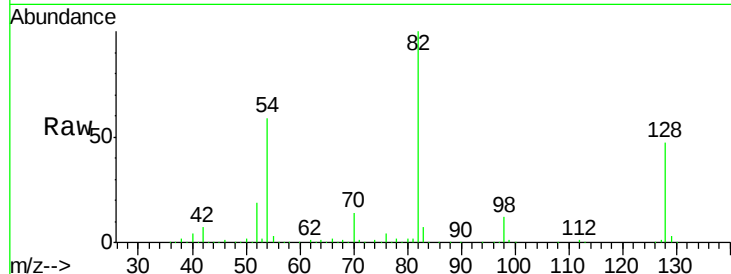
#23
Nitrobenzene-d5
Concen: 69.109 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Instrument :
BNA_F
ClientSampleId :
CL-02-022318-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	59.3	41.4	62.2

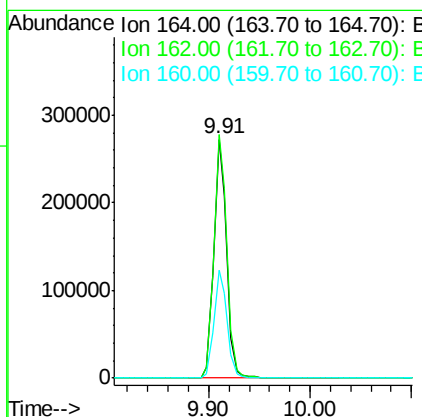
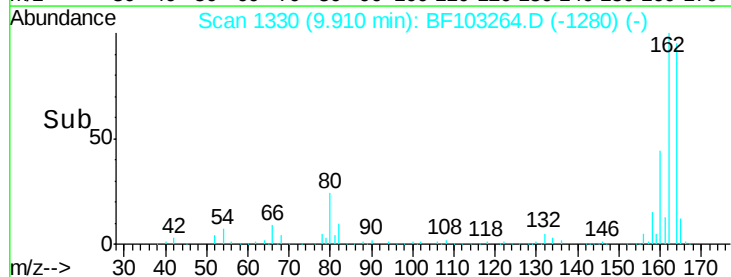
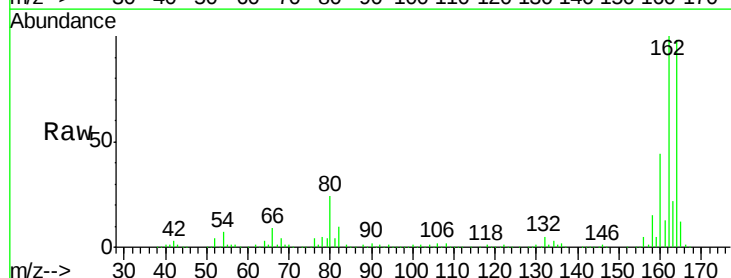
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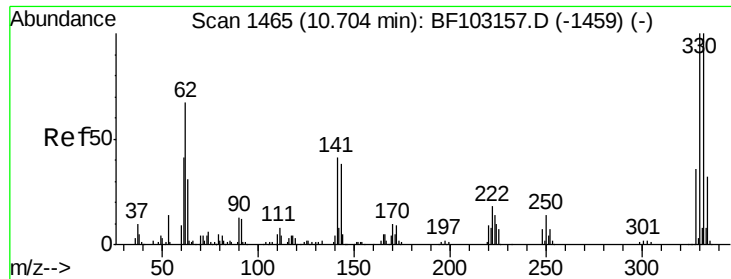
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	45.2	38.3	57.5





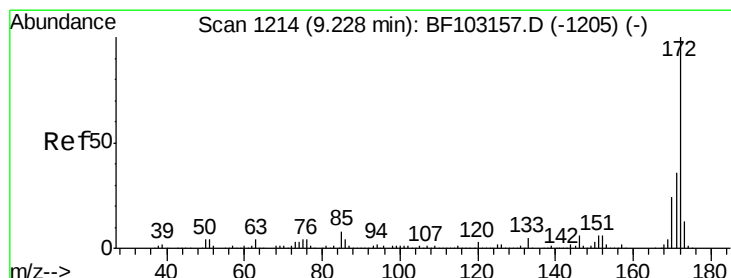
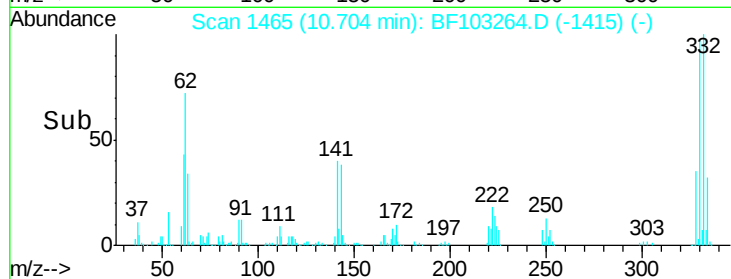
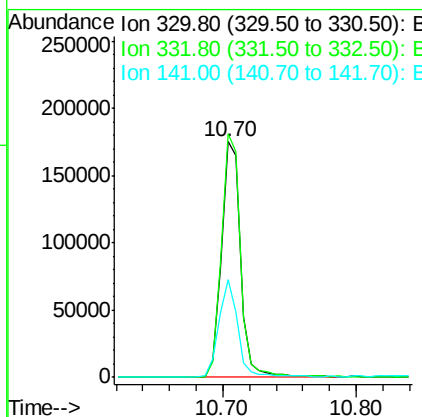
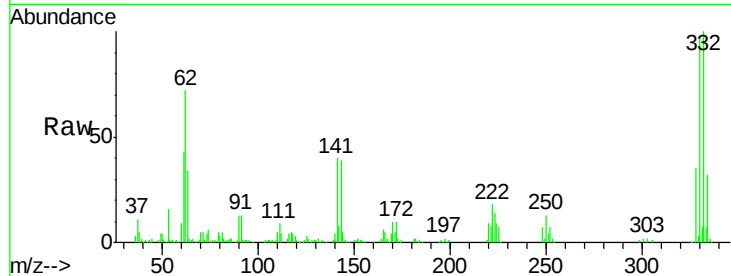
#41
 2,4,6-Tribromophenol
 Concen: 88.929 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF103264.D
 Acq: 27 Feb 2018 15:48

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-022318-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.8	77.0	115.6	
141	39.6	29.9	44.9	

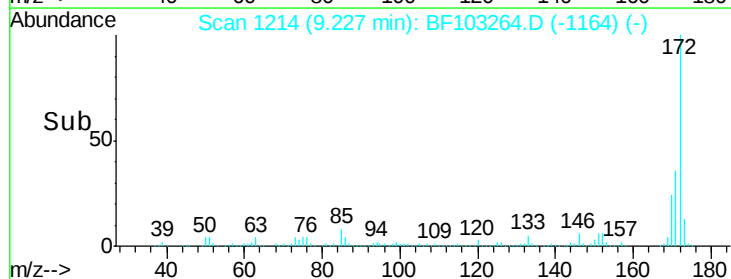
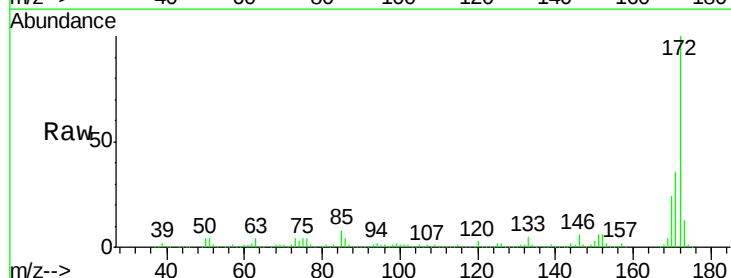
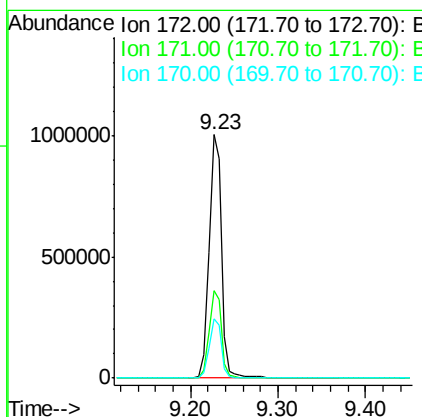
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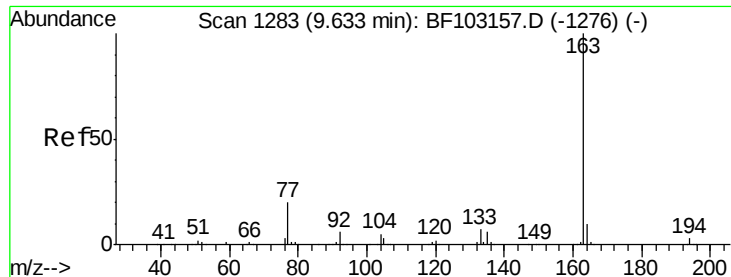
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#44
 2-Fluorobiphenyl
 Concen: 68.315 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103264.D
 Acq: 27 Feb 2018 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	29.7	44.5	
170	24.2	19.6	29.4	





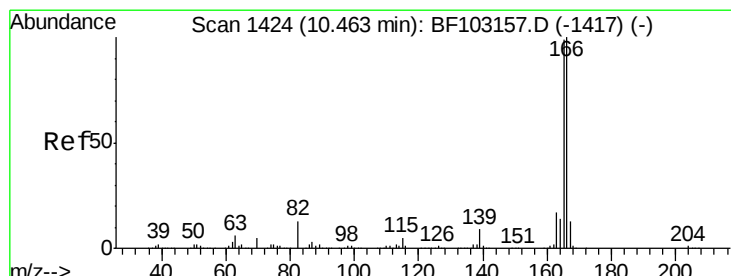
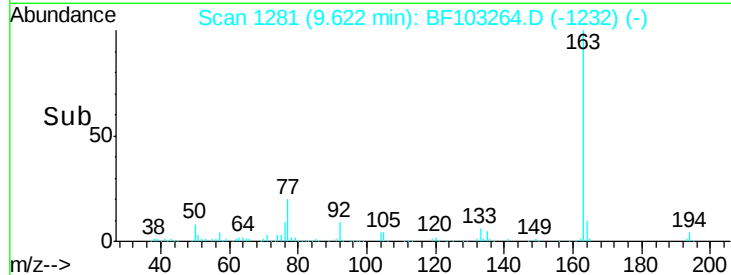
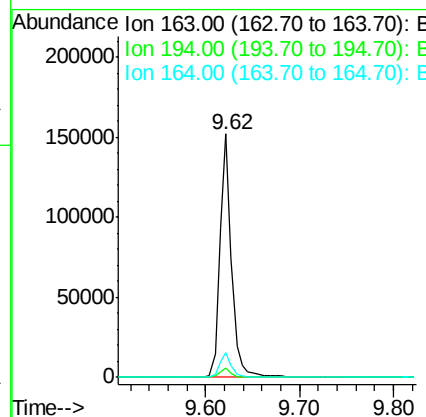
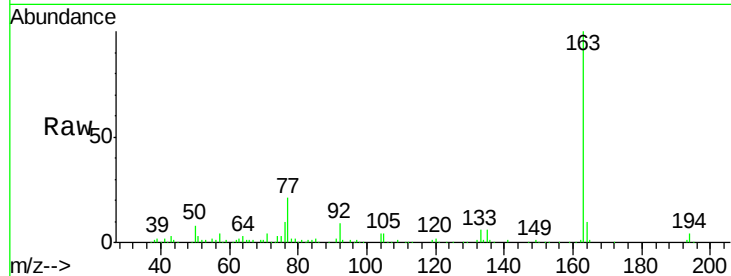
#49
Dimethylphthalate
Concen: 6.956 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Instrument :
BNA_F
ClientSampleId :
CL-02-022318-B

Tot Ion	Ratio	Resp	Lower	Upper
163	100	133632		
194	3.7		2.7	4.1
164	10.0		8.2	12.2

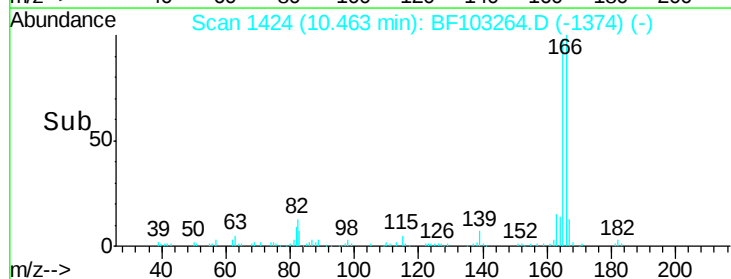
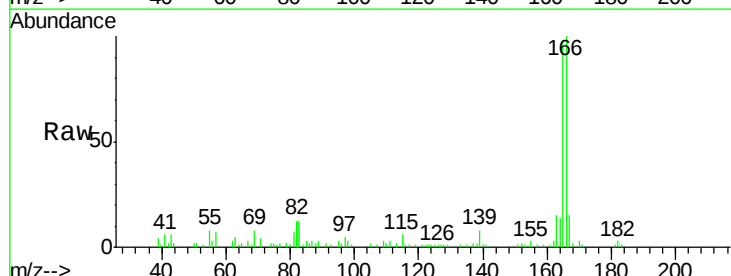
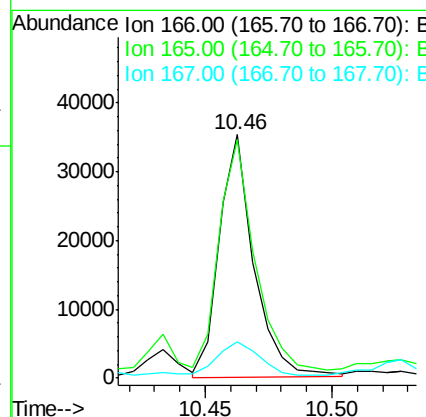
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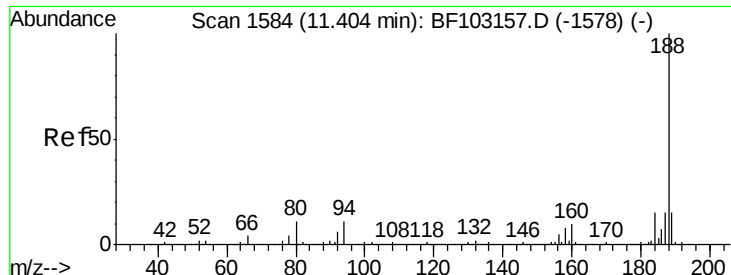
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#57
Fluorene
Concen: 2.014 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	33535		
165	98.1		79.8	119.8
167	15.0		10.6	16.0





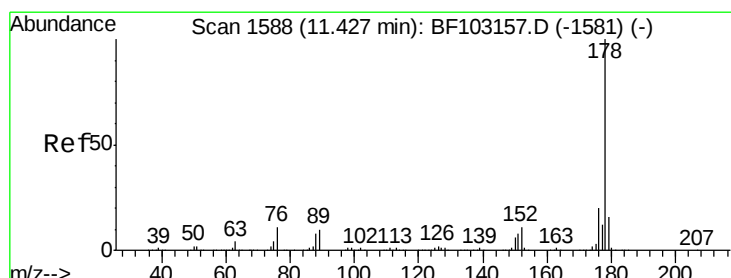
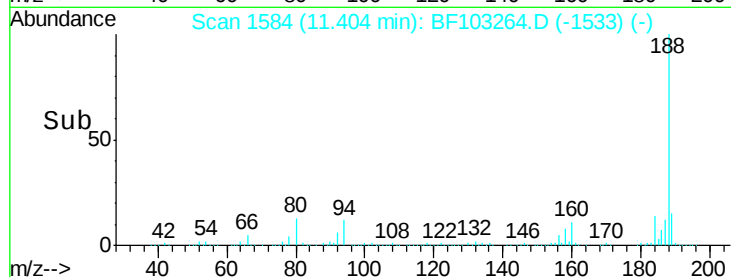
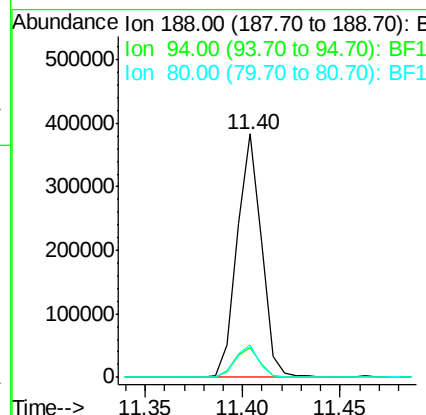
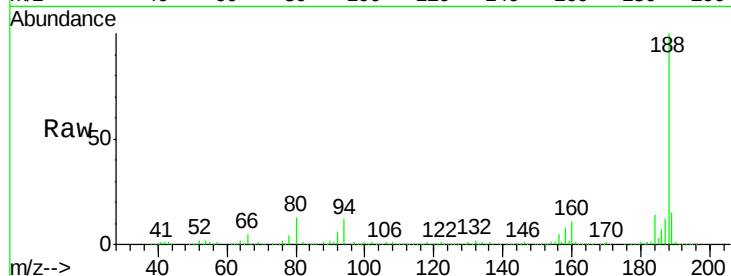
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF103264.D
 Acq: 27 Feb 2018 15:48

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-022318-B

Tot Ion	Ratio	Resp	Lower	Upper
188	100	334040		
94	12.1		8.5	12.7
80	13.1		9.2	13.8

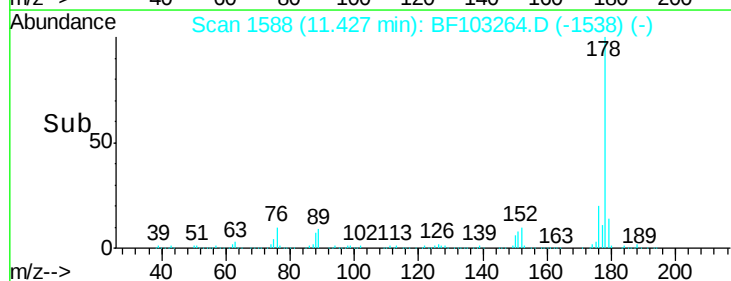
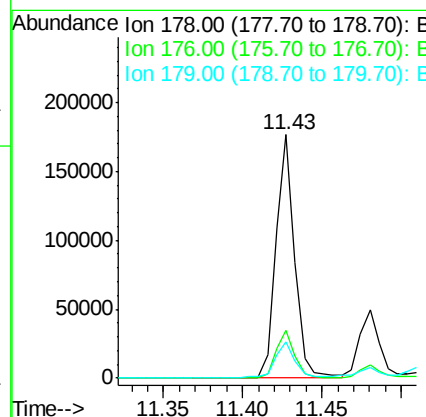
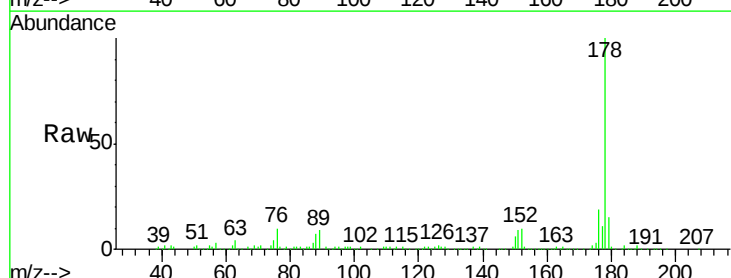
Manual Integrations
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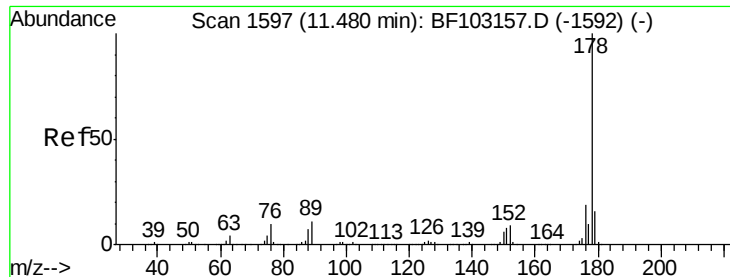
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#70
 Phenanthrene
 Concen: 7.954 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF103264.D
 Acq: 27 Feb 2018 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	146225		
176	19.5		15.8	23.8
179	14.8		13.0	19.6





#71

Anthracene

Concen: 2.122 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF103264.D

Acq: 27 Feb 2018 15:48

Instrument :

BNA_F

ClientSampleId :

CL-02-022318-B

Tot Ion:178 Resp: 40001

Ion Ratio Lower Upper

178 100

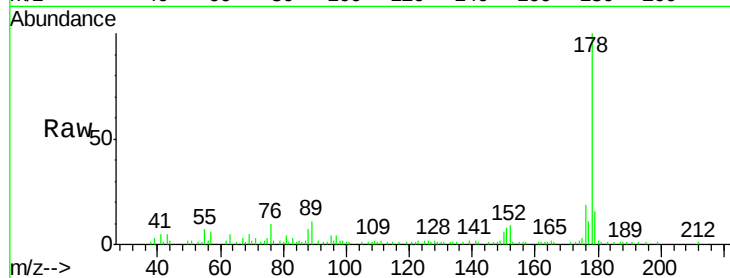
176 19.3 15.4 23.2

179 16.0 12.6 19.0

Manual Integrations
APPROVED

Sohil

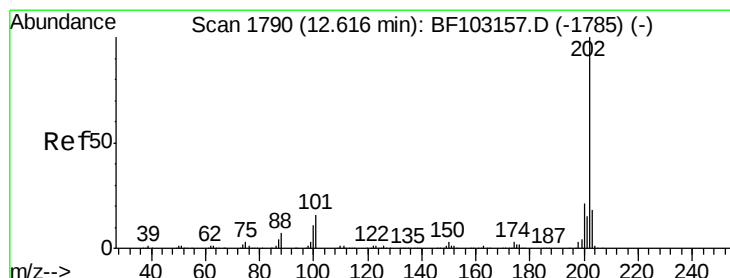
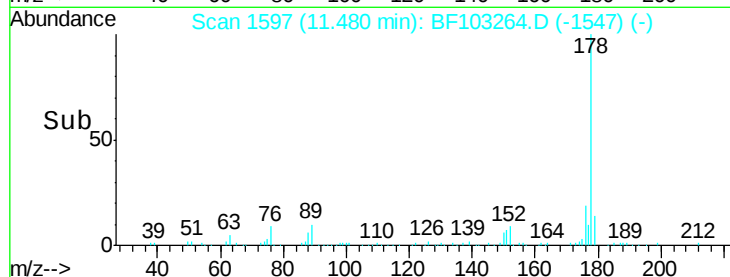
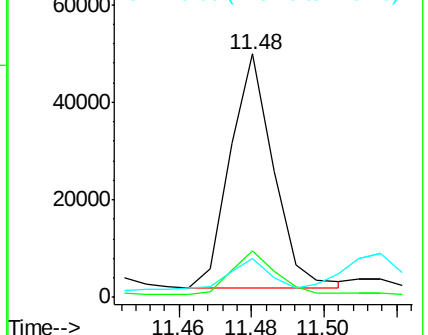
2/28/2018 11:17:41 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 7.472 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF103264.D

Acq: 27 Feb 2018 15:48

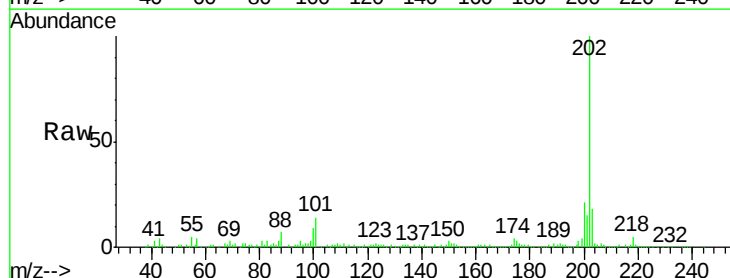
Tgt Ion:202 Resp: 138027

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.1

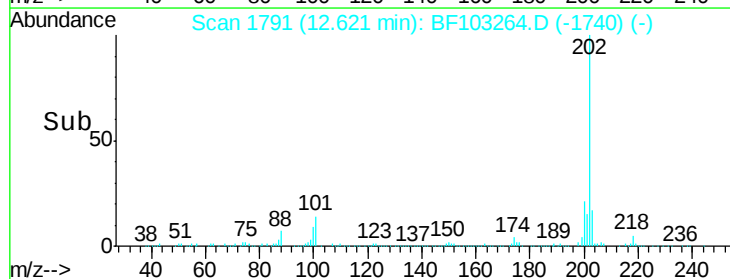
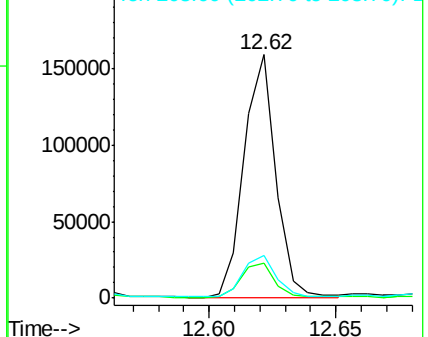
203 17.6 0.0 38.1

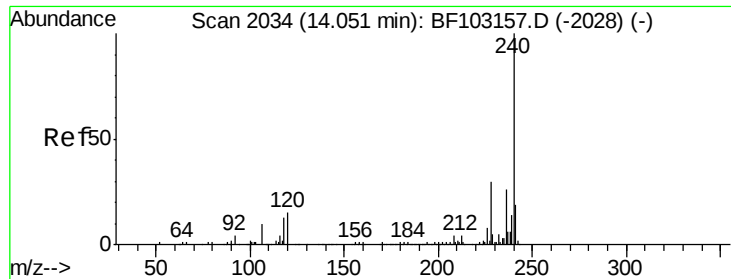


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103264.D

Acq: 27 Feb 2018 15:48

Instrument :

BNA_F

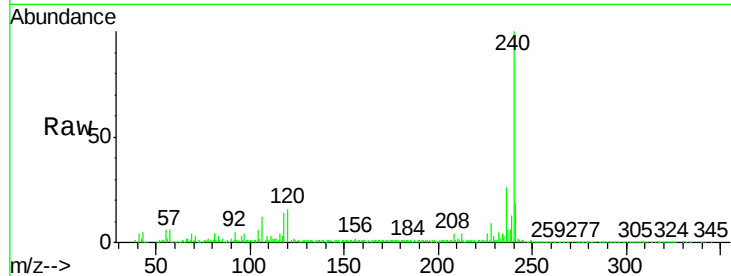
ClientSampleId :

CL-02-022318-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.0	9.5	14.3#
236	25.8	20.7	31.1

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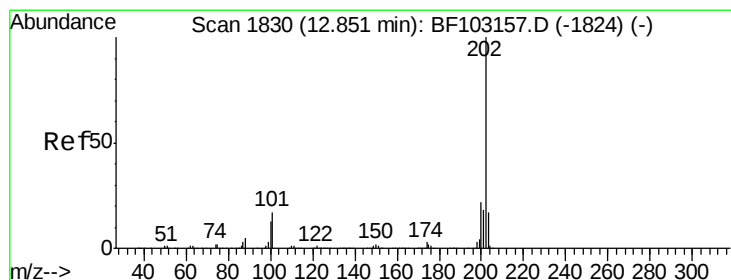
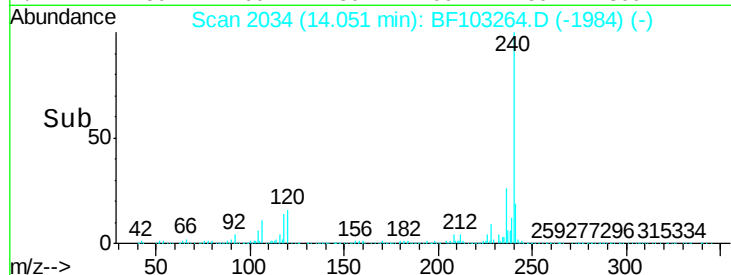
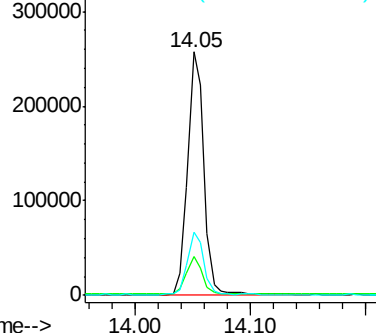
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 9.452 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103264.D

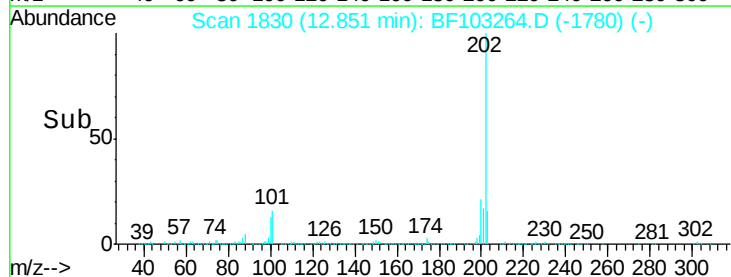
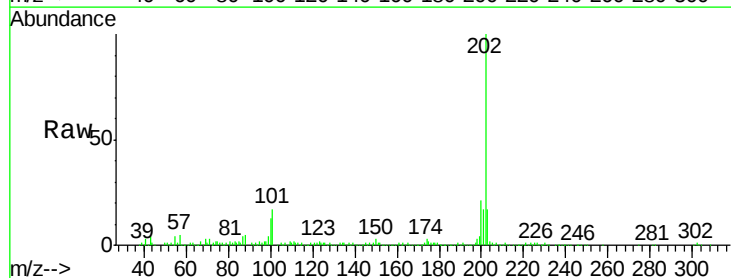
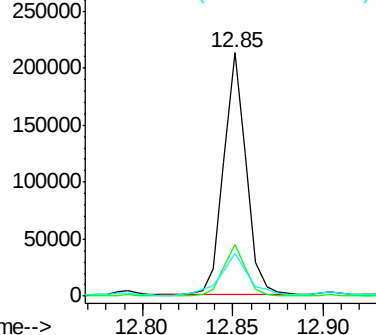
Acq: 27 Feb 2018 15:48

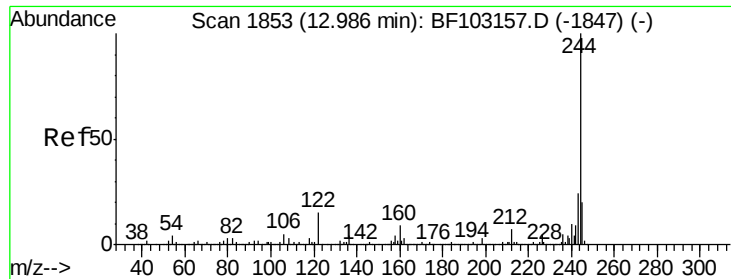
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.4	14.3	21.5

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





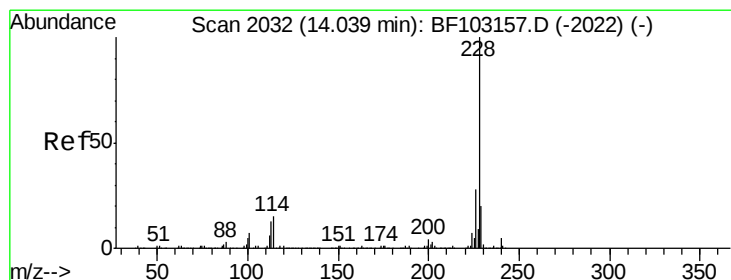
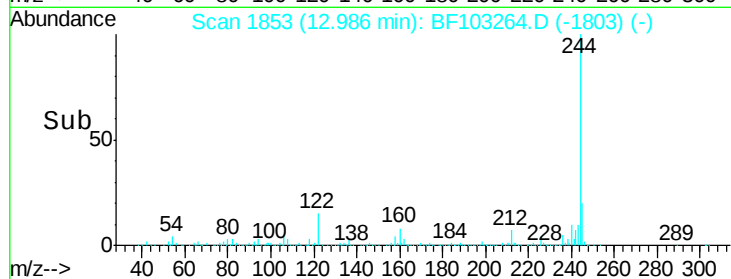
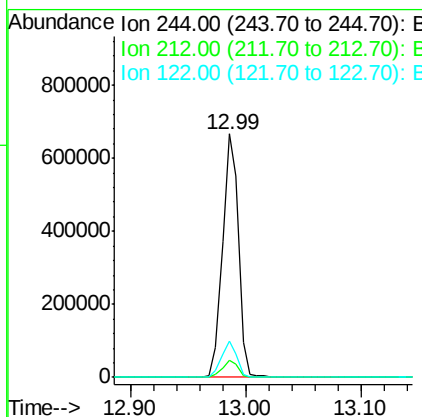
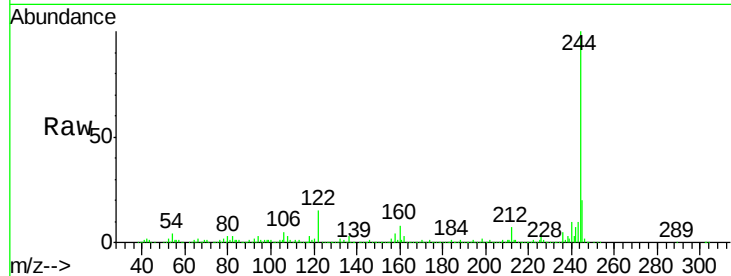
#78
 Terphenyl-d14
 Concen: 61.111 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF103264.D
 Acq: 27 Feb 2018 15:48

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-022318-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	15.2	11.0	16.4

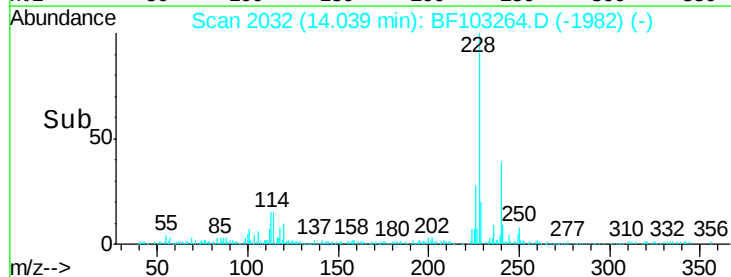
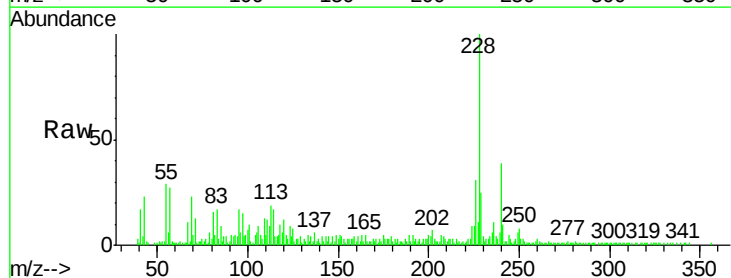
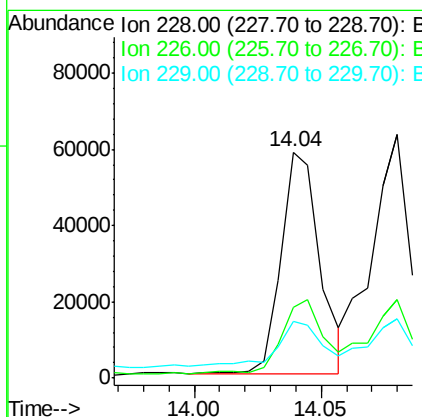
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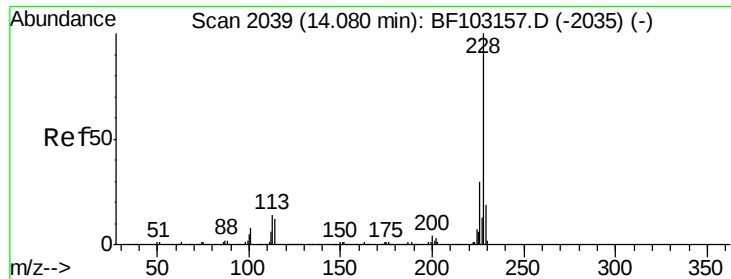
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#80
 Benzo(a)anthracene
 Concen: 3.826 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF103264.D
 Acq: 27 Feb 2018 15:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.6	33.8
229	24.9	15.8	23.6





#82

Chrysene

Concen: 4.305 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF103264.D

Acq: 27 Feb 2018 15:48

Instrument :

BNA_F

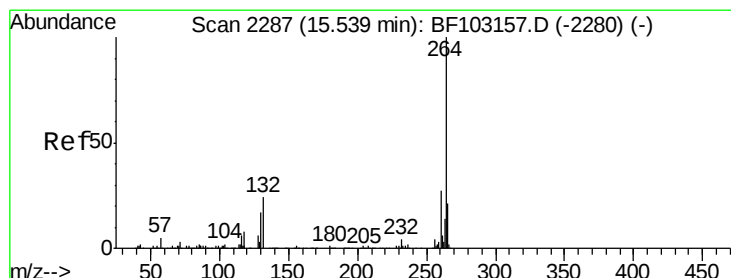
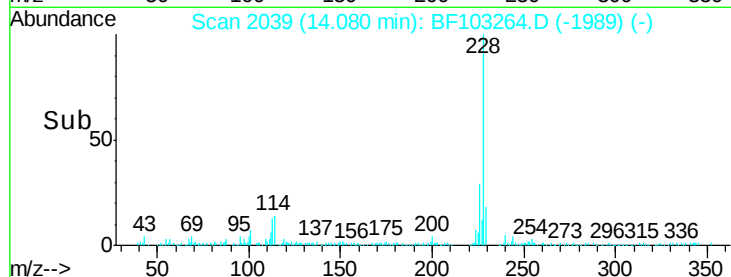
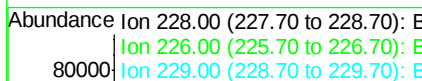
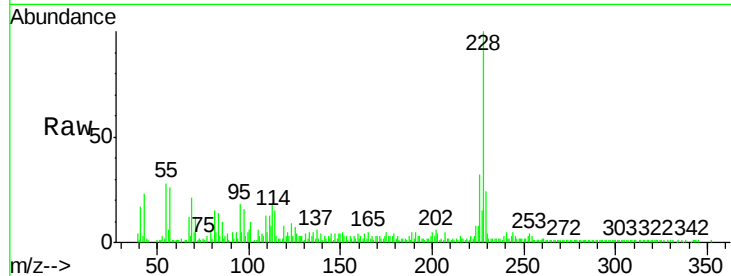
ClientSampleId :

CL-02-022318-B

Tot Ion:	228	Resp:	68008
Ion Ratio	Lower	Upper	
228	100		
226	32.3	25.0	37.6
229	24.3	16.2	24.4

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#86

Perylene-d12

Concen: 20.000 ng

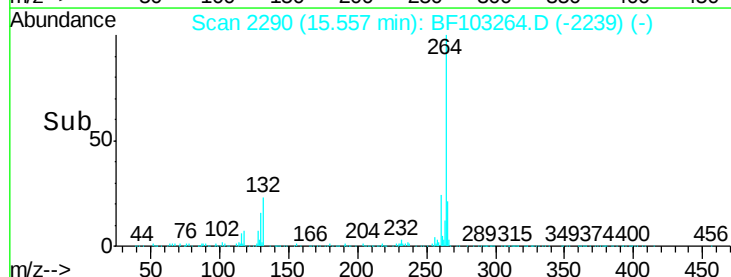
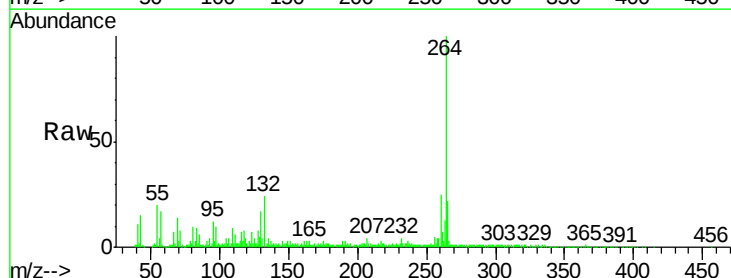
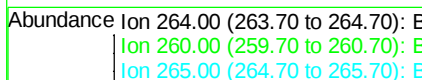
RT: 15.56 min Scan# 2290

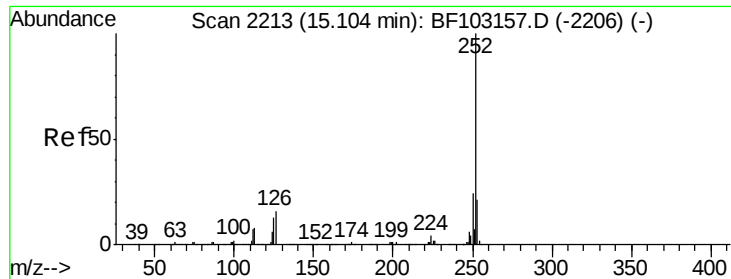
Delta R.T. -0.00 min

Lab File: BF103264.D

Acq: 27 Feb 2018 15:48

Tgt Ion:	264	Resp:	184314
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.2	28.8
265	22.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 3.781 ng m

RT: 15.12 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BF103264.D

Acq: 27 Feb 2018 15:48

Instrument :

BNA_F

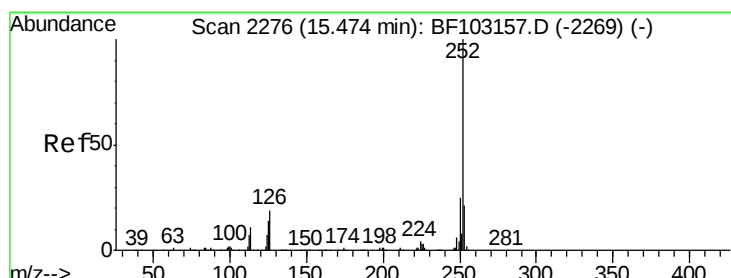
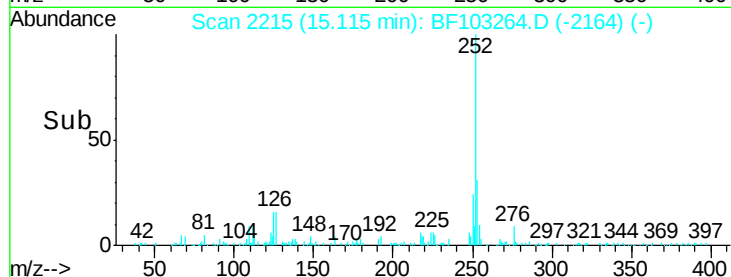
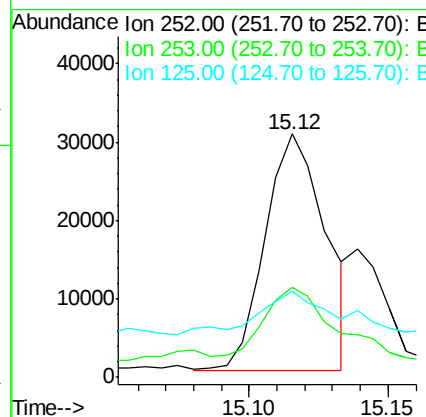
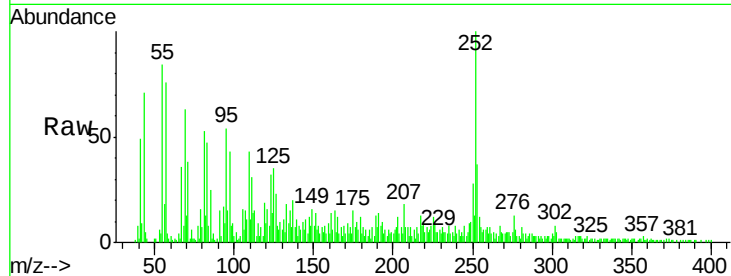
ClientSampleId :

CL-02-022318-B

Tot Ion:	252	Resp:	45825
Ion Ratio	Lower	Upper	
252	100		
253	36.8	17.0	25.6#
125	35.3	9.0	13.6#

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#89

Benzo(a)pyrene

Concen: 3.401 ng

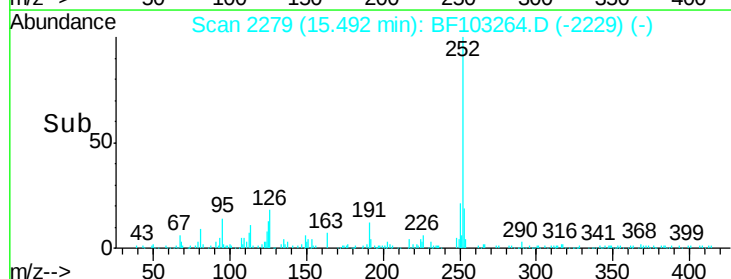
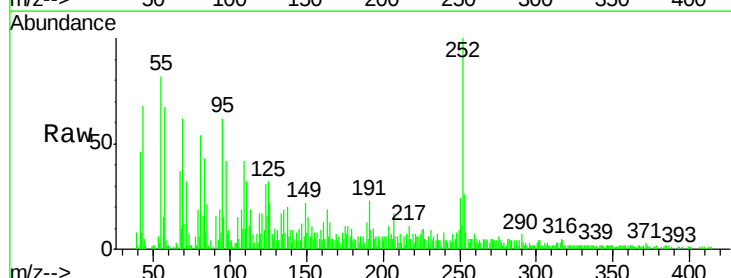
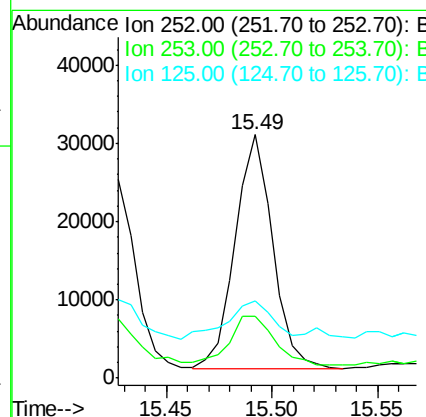
RT: 15.49 min Scan# 2279

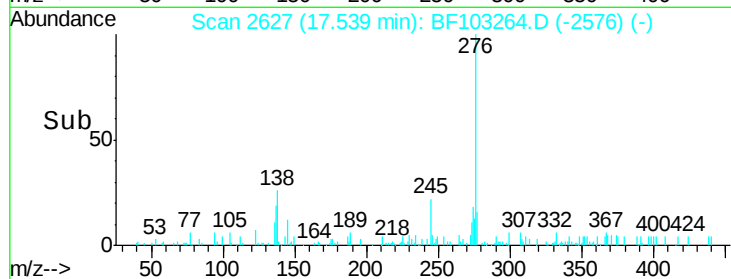
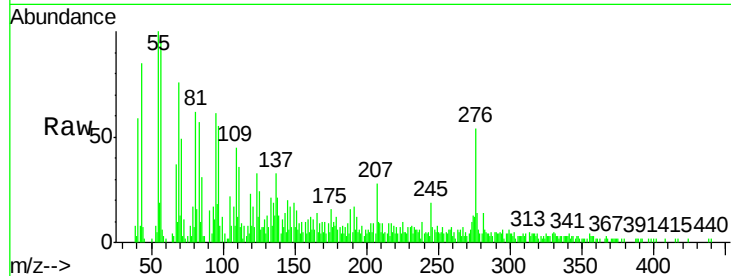
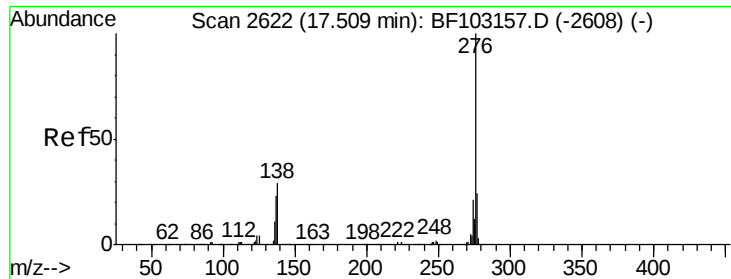
Delta R.T. -0.01 min

Lab File: BF103264.D

Acq: 27 Feb 2018 15:48

Tgt Ion:	252	Resp:	36805
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.1	25.7
125	31.7	9.8	14.6#





#91
Benzo(a,h,i)perylene
Concen: 2.268 ng
RT: 17.54 min Scan# 2627
Delta R.T. -0.00 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Instrument :
BNA_F
ClientSampleId :
CL-02-022318-B

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.9	17.9	26.9#
138	39.2	21.8	32.8#

Manual Integrations
APPROVED

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2/28/2018 11:17:41 AM

