

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
 Data File : BF101480.D
 Acq On : 18 Dec 2017 15:04
 Operator : SJ/JU
 Sample : I6680-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-121417-A

Manual Integrations
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Quant Time: Dec 19 09:30:31 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	193681	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	741823	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	296737	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	479507	20.00	ng	0.00
75) Chrysene-d12	13.99	240	344276	20.00	ng	0.00
86) Perylene-d12	15.46	264	305394	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1247341	95.93	ng	0.02
7) Phenol-d6	6.45	99	1507475	93.16	ng	0.00
23) Nitrobenzene-d5	7.38	82	957494	71.85	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	279523	97.76	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1376593	71.96	ng	0.00
78) Terphenyl-d14	12.92	244	1001039	70.10	ng	0.00
Target Compounds						
10) Phenol	6.46	94	58544	3.174	ng	91
49) Dimethylphthalate	9.56	163	159524	6.683	ng	99
70) Phenanthrene	11.36	178	71256	2.672	ng	99
74) Fluoranthene	12.55	202	69958	2.499	ng	99
77) Pyrene	12.79	202	69630	2.695	ng	99
87) Benzo(b)fluoranthene	15.03	252	41991m	2.256	ng	

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

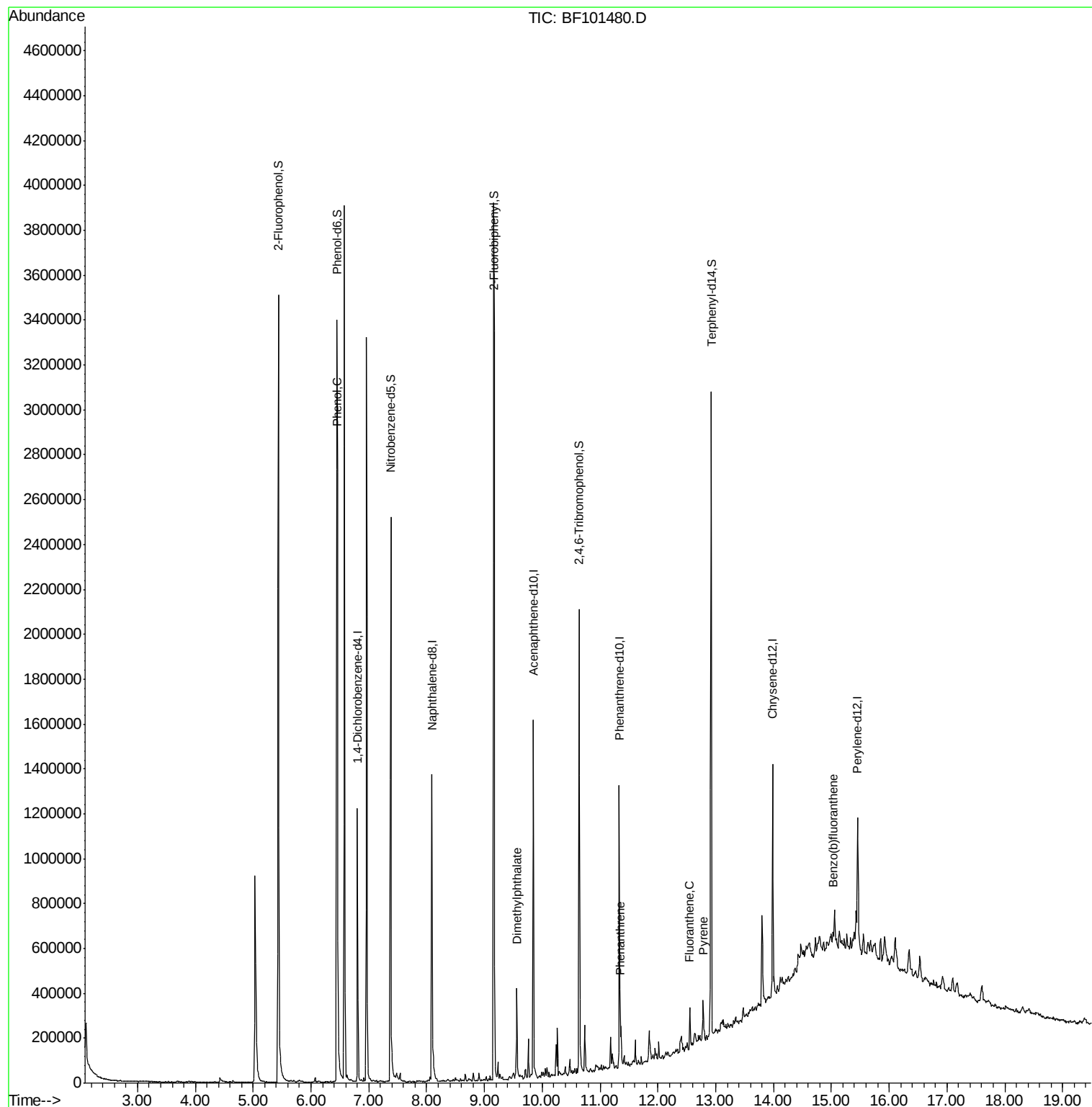
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
Data File : BF101480.D
Acq On : 18 Dec 2017 15:04
Operator : SJ/JU
Sample : I6680-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

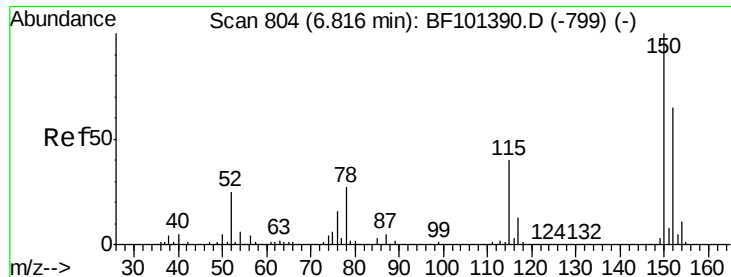
Instrument :
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ClientSampleId :
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#1

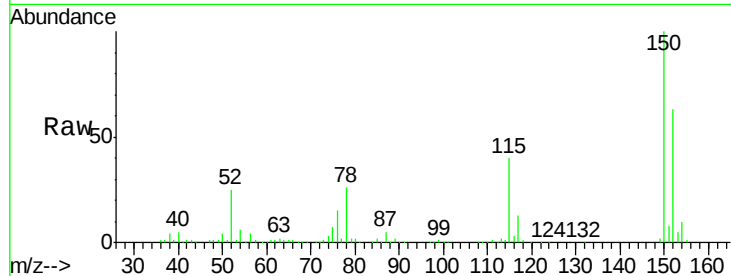
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF101480.D
Acq: 18 Dec 2017 15:04

Instrument :
BNA_F
ClientSampleId :
CL-02-121417-A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	62.8	50.1	75.1

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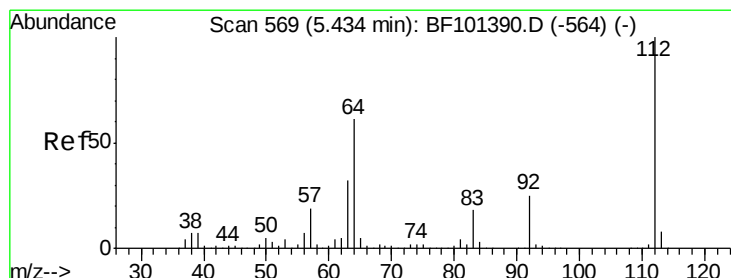
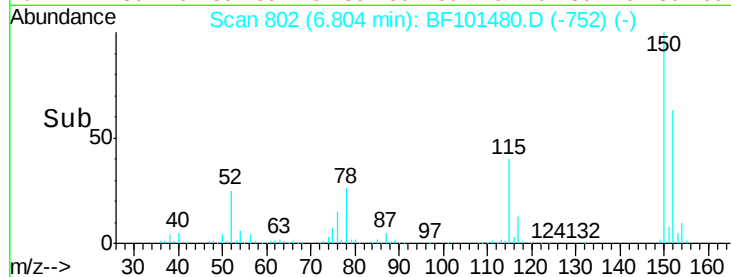
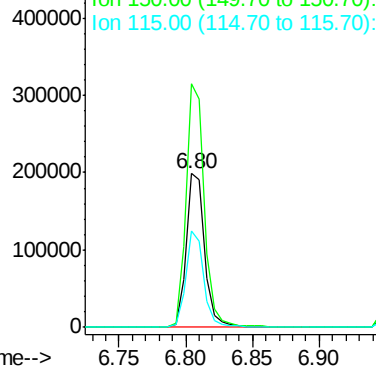


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

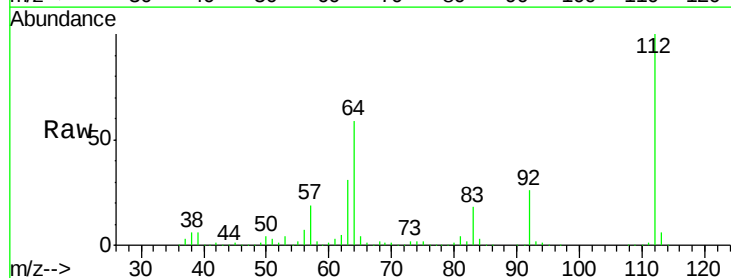
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.932 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF101480.D
Acq: 18 Dec 2017 15:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	30.6	23.7	35.5

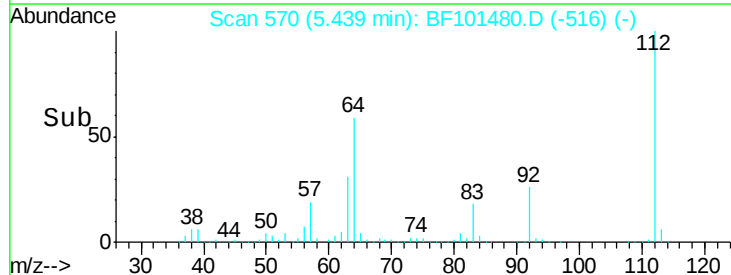
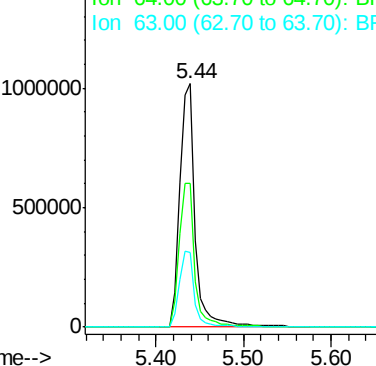


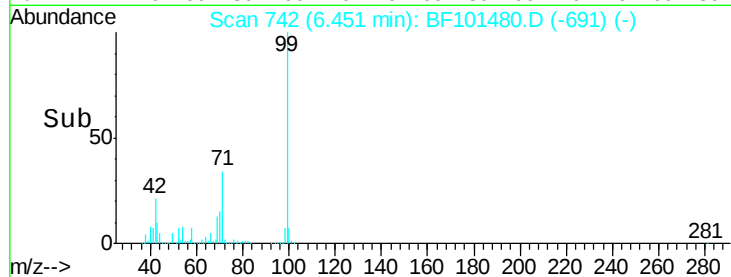
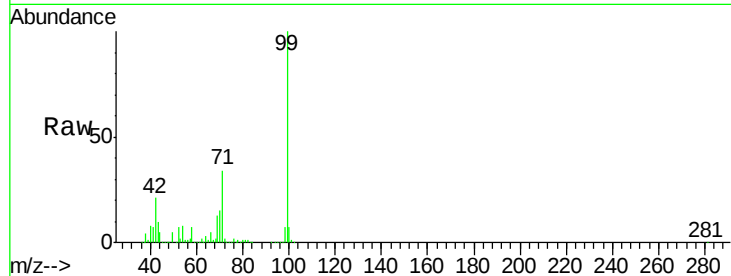
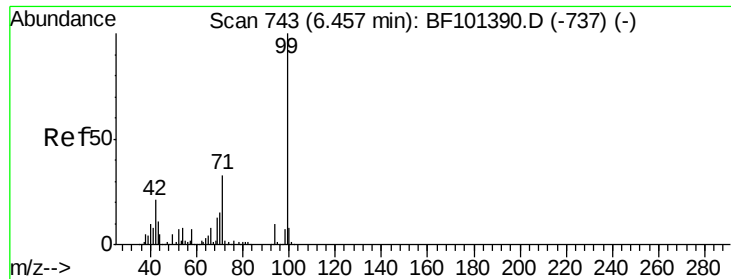
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 93.158 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF101480.D

Acq: 18 Dec 2017 15:04

Tgt Ion: 99 Resp: 1507475

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

71 33.9 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

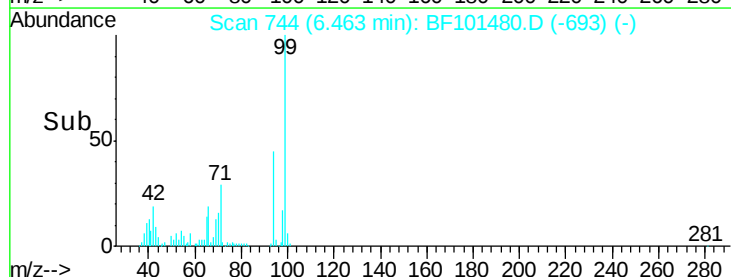
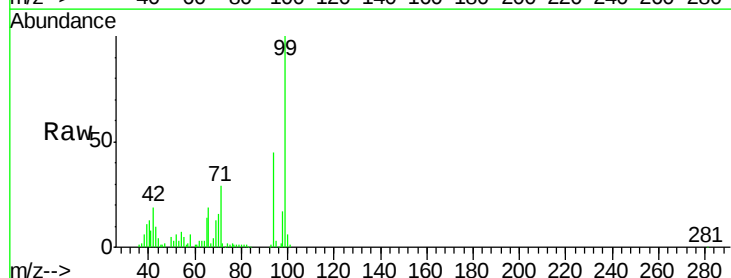
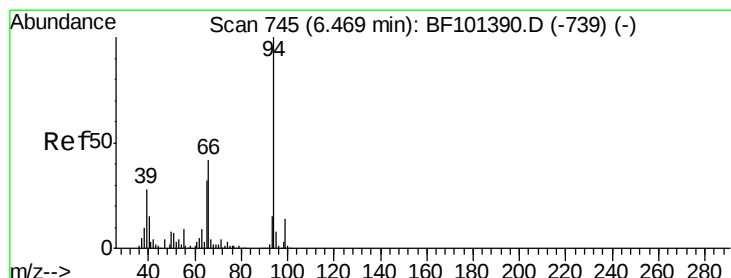
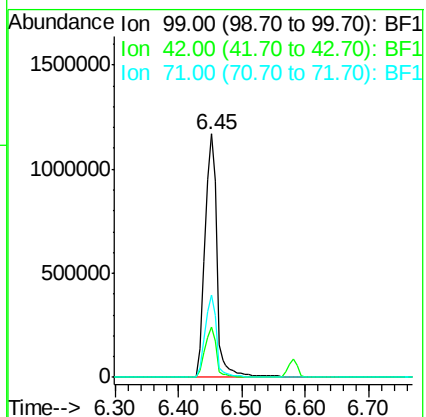
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#10

Phenol

Concen: 3.174 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF101480.D

Acq: 18 Dec 2017 15:04

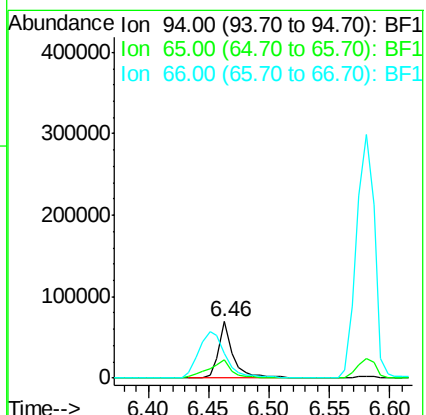
Tgt Ion: 94 Resp: 58544

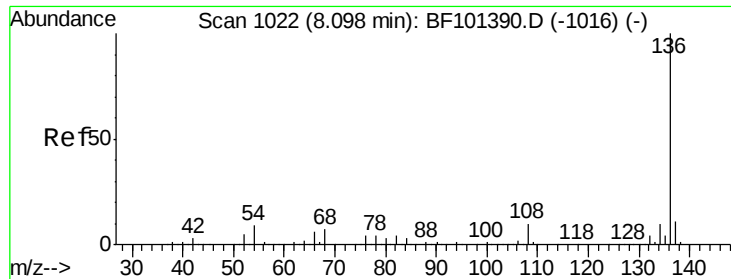
Ion Ratio Lower Upper

94 100

65 31.3 7.9 47.9

66 43.1 16.2 56.2





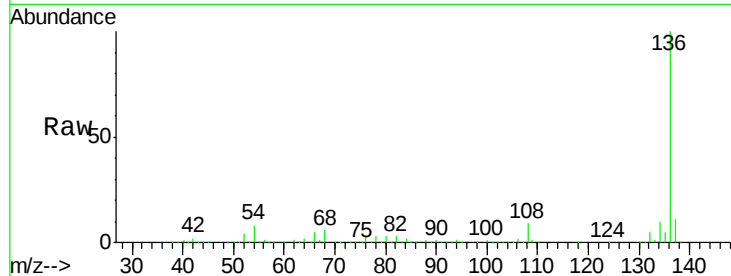
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101480.D
Acq: 18 Dec 2017 15:04

Instrument :
BNA_F
ClientSampleId :
CL-02-121417-A

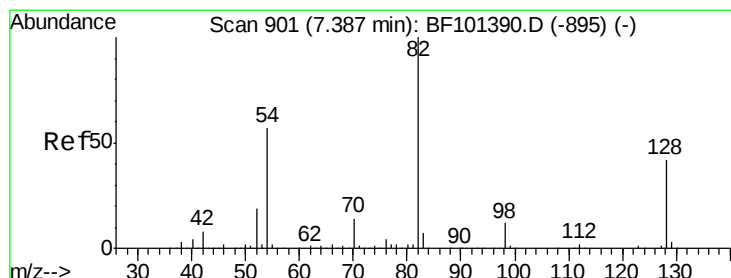
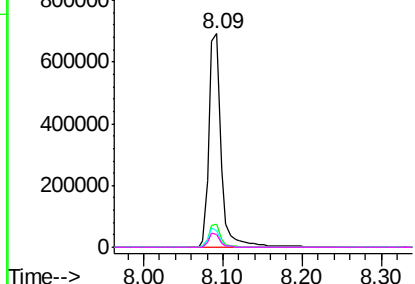
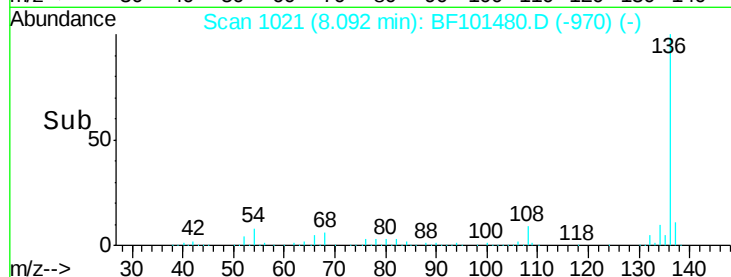
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	741823		
137	10.9		8.9	13.3
54	8.0		6.6	9.8
68	6.0		5.0	7.4

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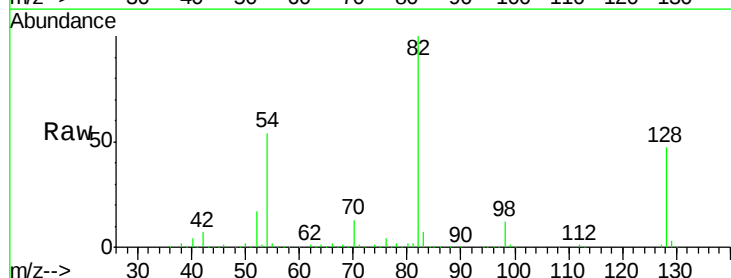


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

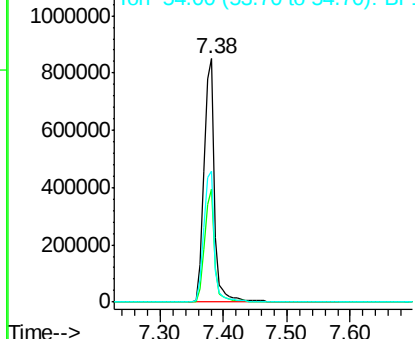
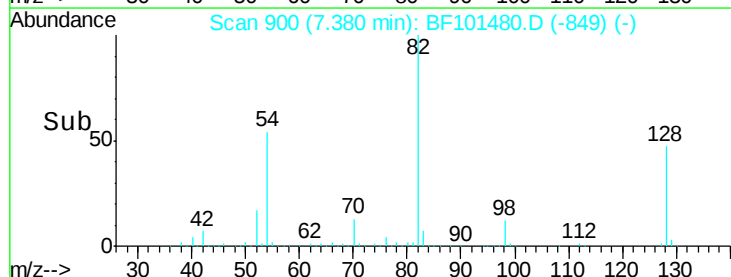


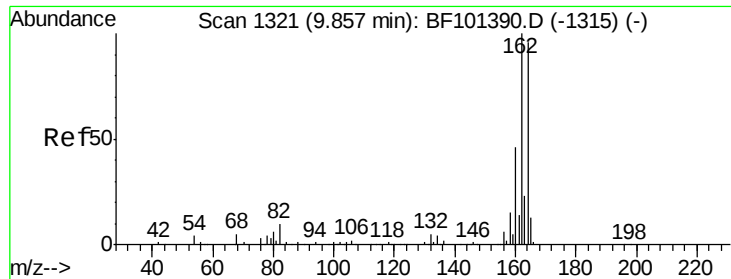
#23
Nitrobenzene-d5
Concen: 71.850 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF101480.D
Acq: 18 Dec 2017 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	957494		
128	46.6		36.1	54.1
54	53.5		41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





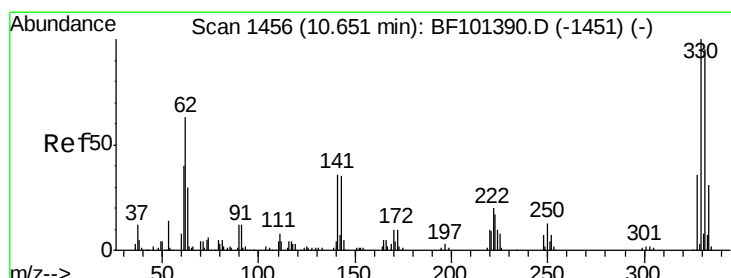
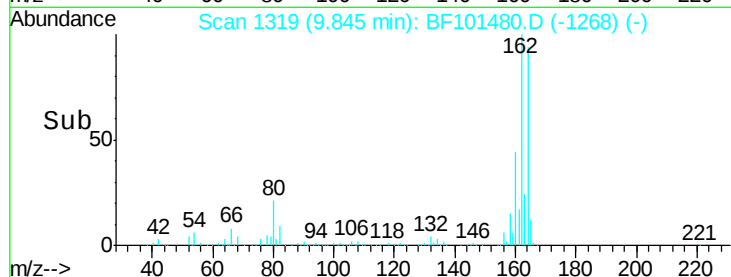
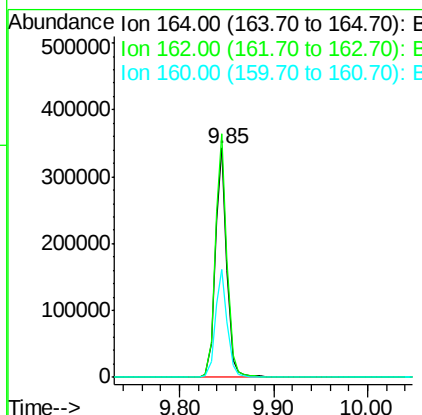
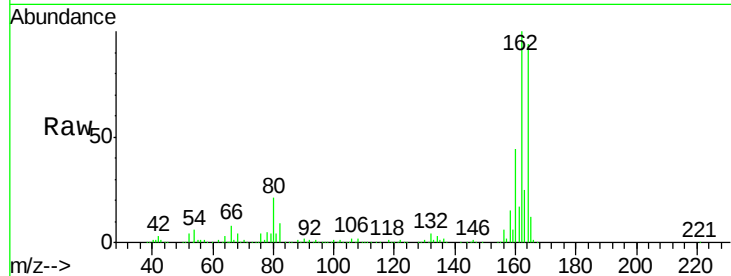
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF101480.D
Acq: 18 Dec 2017 15:04

Instrument :
BNA_F
ClientSampleId :
CL-02-121417-A

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	296737		
162	106.1	86.1	129.1	
160	47.2	38.3	57.5	

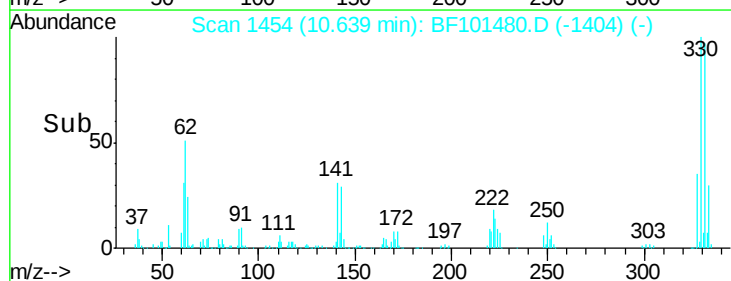
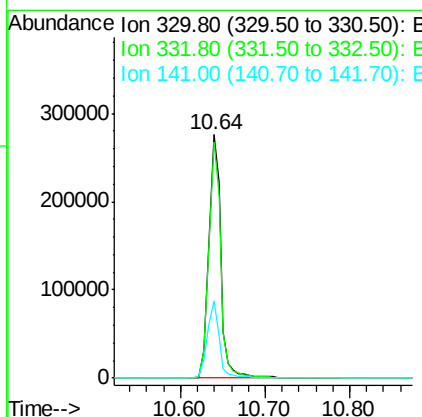
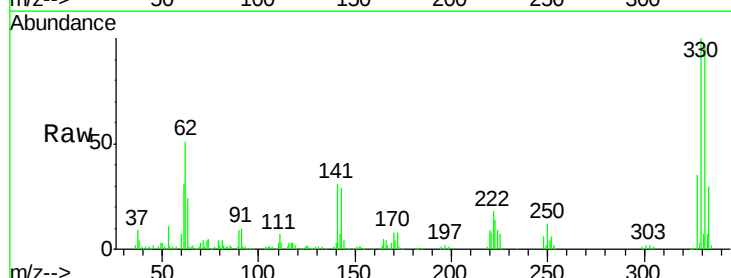
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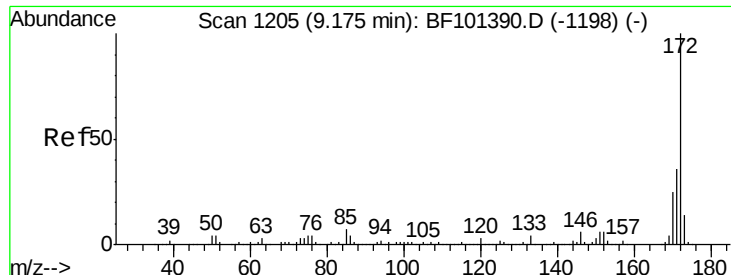
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#41
2,4,6-Tribromophenol
Concen: 97.759 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF101480.D
Acq: 18 Dec 2017 15:04

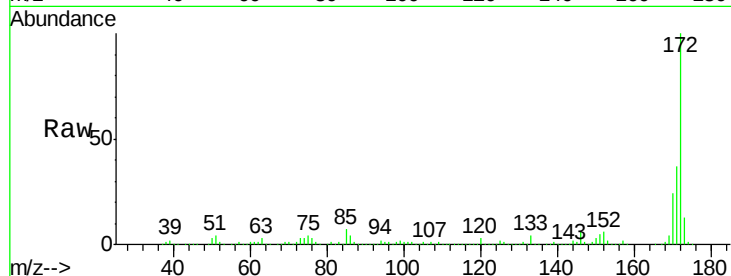
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	279523		
332	95.6	77.0	115.6	
141	31.5	29.9	44.9	





#44
2-Fluorobiphenyl
Concen: 71.964 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF101480.D
Acq: 18 Dec 2017 15:04

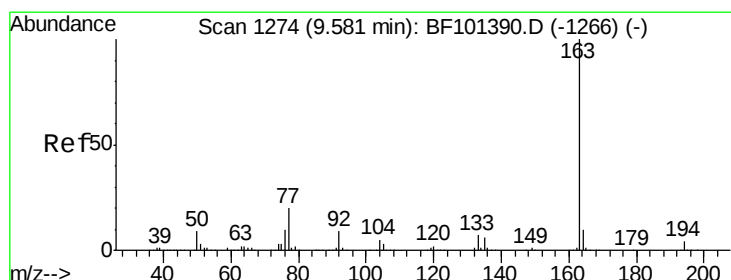
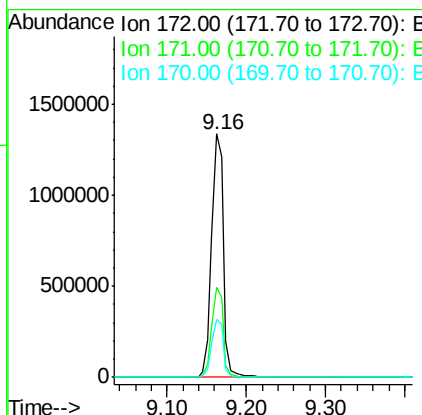
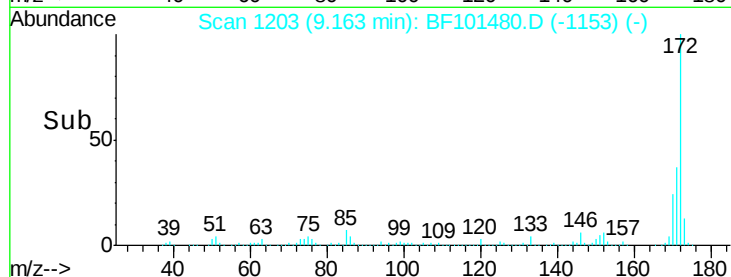
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:172 Resp: 1376593
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.1 19.6 29.4

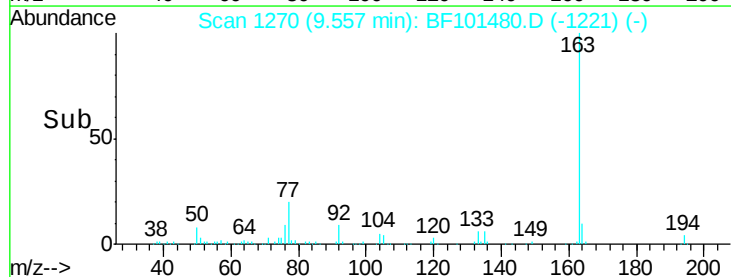
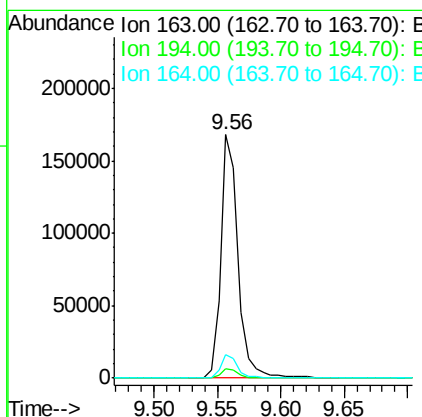
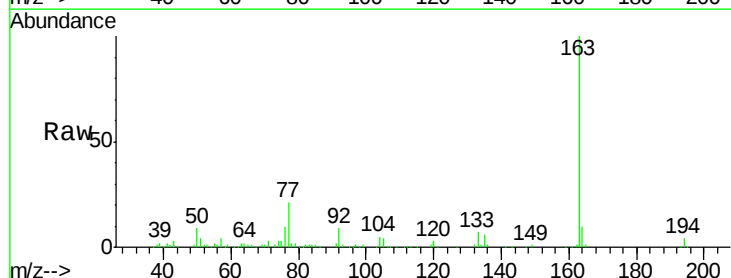
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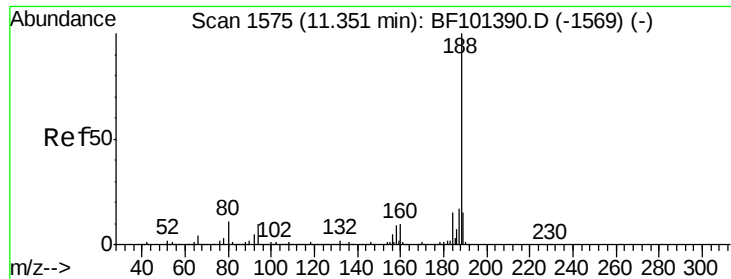
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#49
Dimethylphthalate
Concen: 6.683 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF101480.D
Acq: 18 Dec 2017 15:04

Tgt Ion:163 Resp: 159524
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.6 8.2 12.2





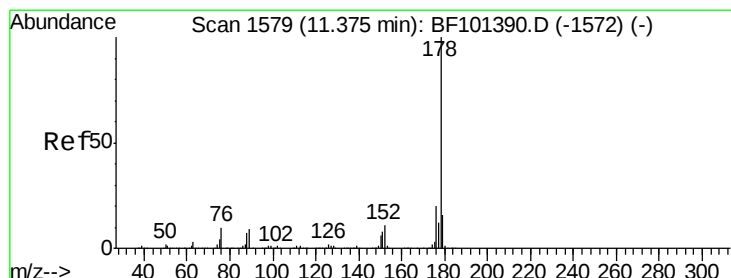
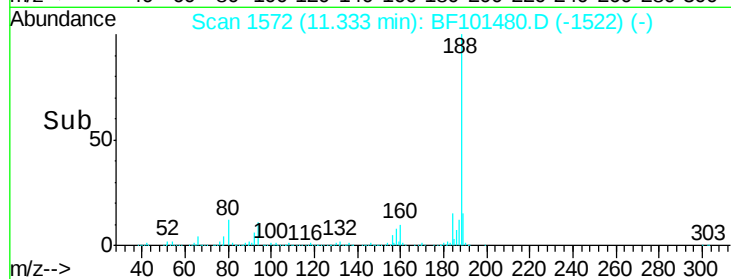
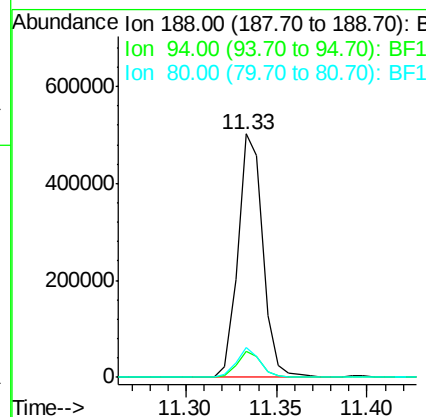
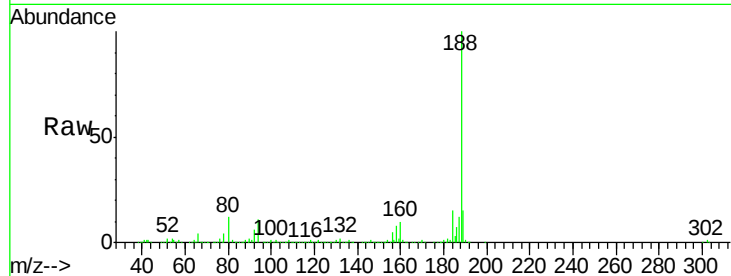
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF101480.D
Acq: 18 Dec 2017 15:04

Instrument :
BNA_F
ClientSampleId :
CL-02-121417-A

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.6	8.5	12.7
80	12.2	9.2	13.8

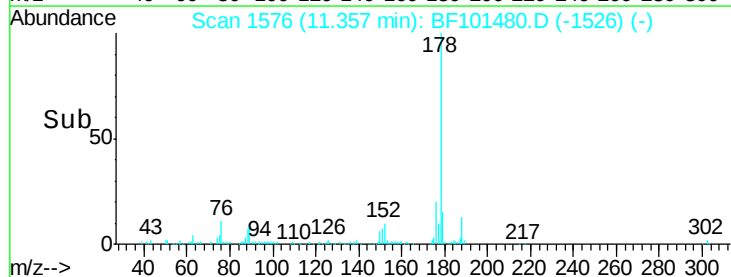
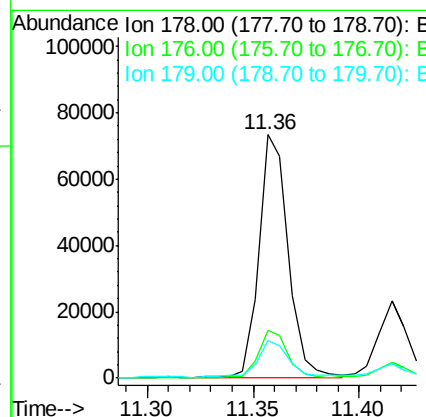
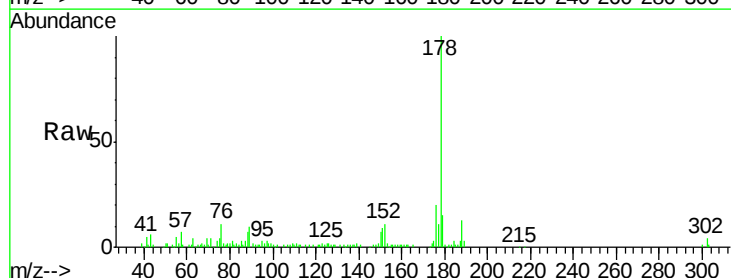
Manual Integrations
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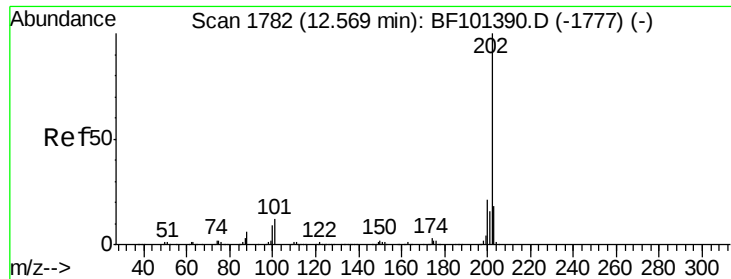
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#70
Phenanthrene
Concen: 2.672 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF101480.D
Acq: 18 Dec 2017 15:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.6	15.8	23.8
179	15.3	13.0	19.6





#74

Fluoranthene

Concen: 2.499 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF101480.D

Acq: 18 Dec 2017 15:04

Instrument :

BNA_F

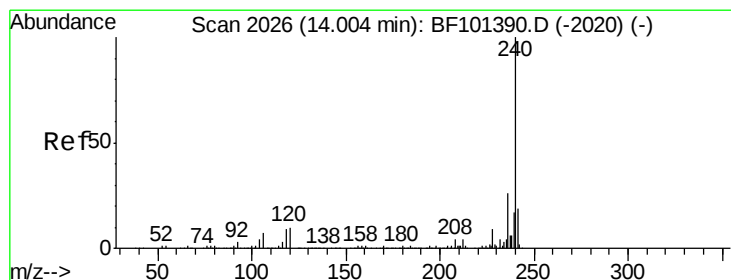
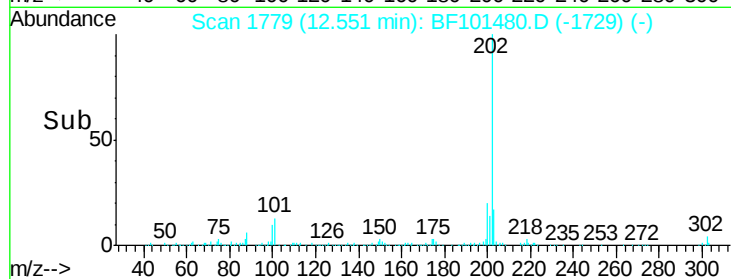
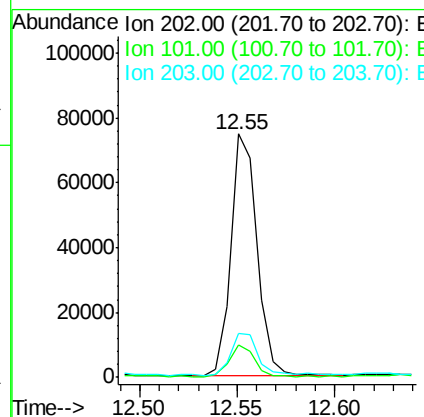
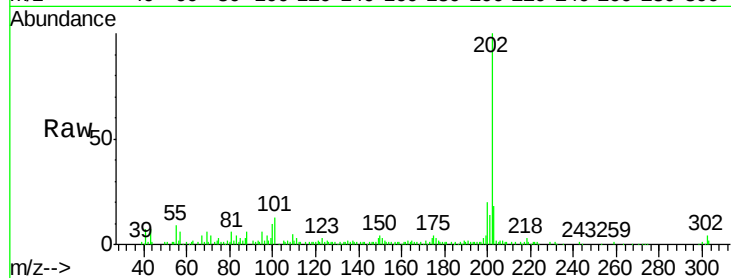
ClientSampleId :

CL-02-121417-A

Tgt Ion:	202	Resp:	69958
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	34.1
203	17.8	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

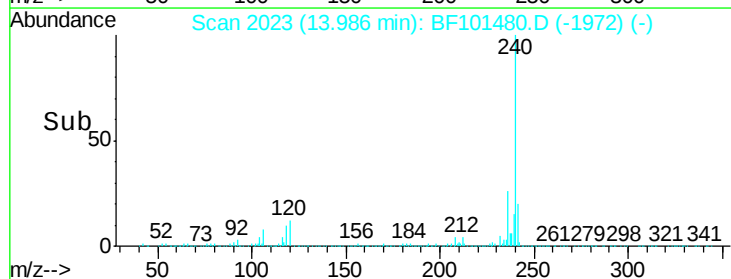
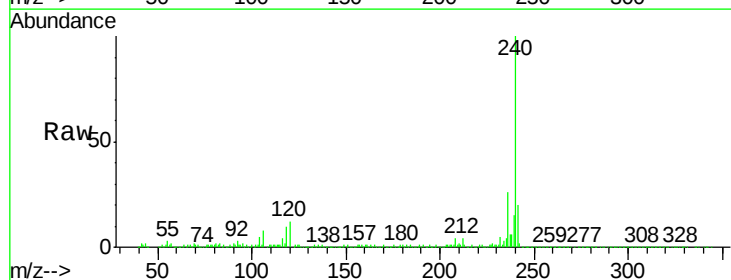
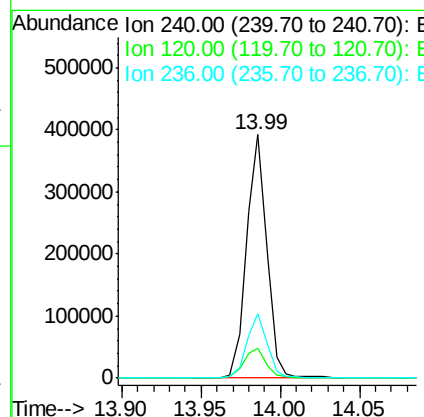
RT: 13.99 min Scan# 2023

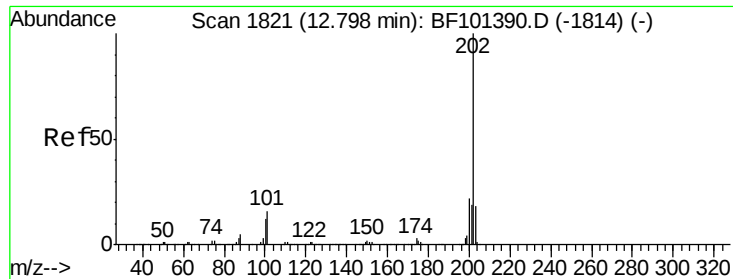
Delta R.T. -0.00 min

Lab File: BF101480.D

Acq: 18 Dec 2017 15:04

Tgt Ion:	240	Resp:	344276
Ion Ratio	Lower	Upper	
240	100		
120	12.2	9.5	14.3
236	26.3	20.7	31.1





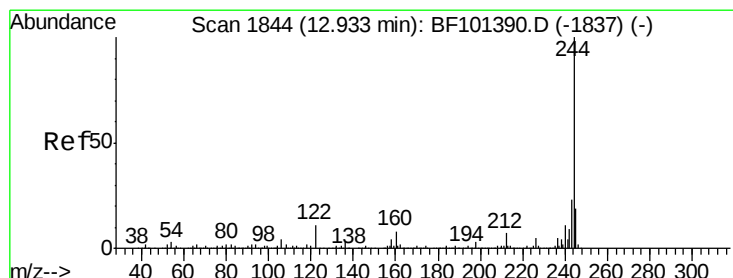
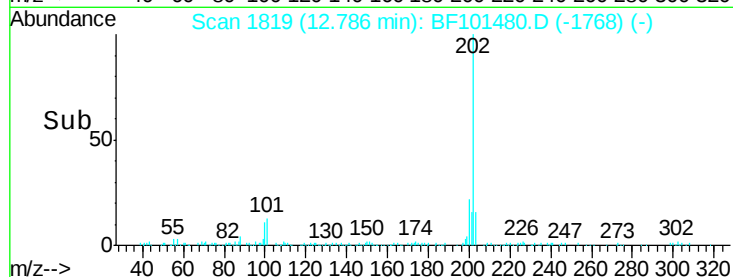
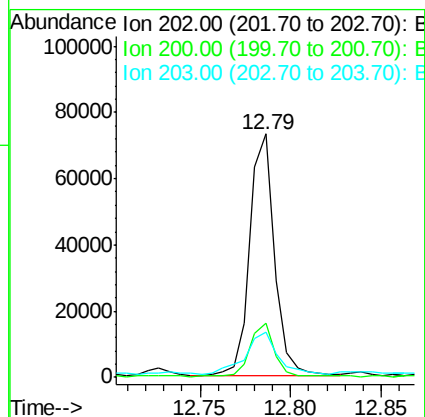
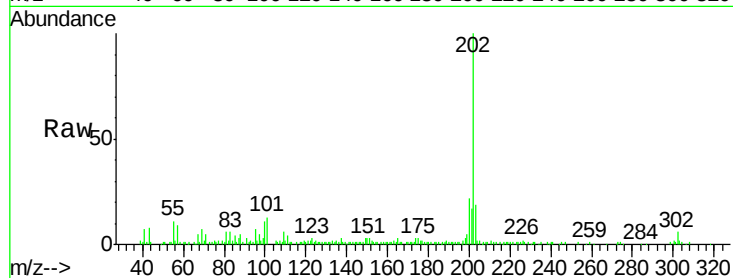
#77
 Pyrene
 Concen: 2.695 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BF101480.D
 Acq: 18 Dec 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-121417-A

Tgt Ion:	202	Resp:	69630
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.4	26.2
203	18.6	14.3	21.5

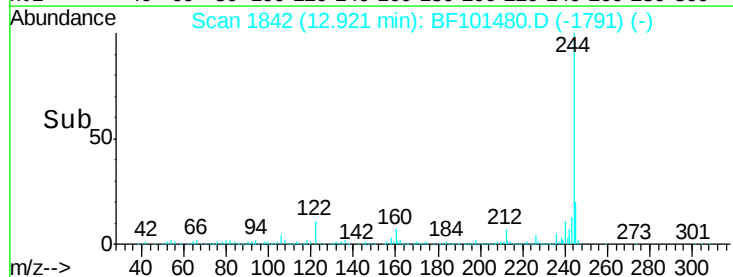
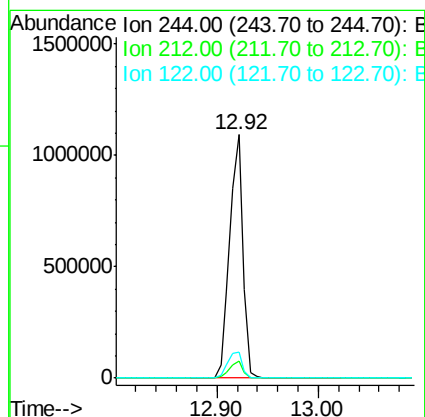
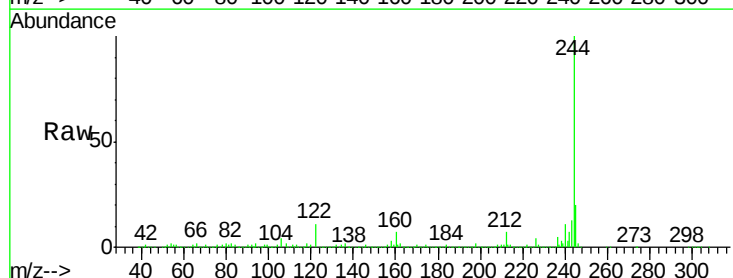
Manual Integrations
 APPROVED

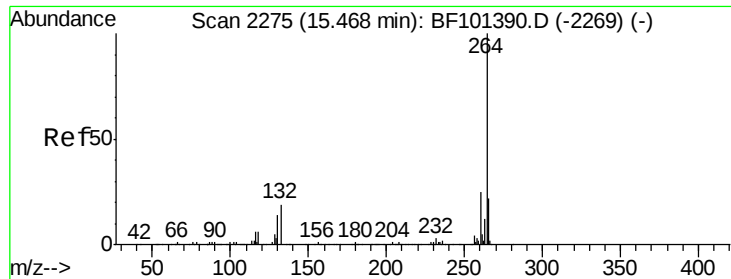
Sohil
 12/19/2017 4:49:37 PM



#78
 Terphenyl-d14
 Concen: 70.097 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF101480.D
 Acq: 18 Dec 2017 15:04

Tgt Ion:	244	Resp:	1001039
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	10.8	11.0	16.4#





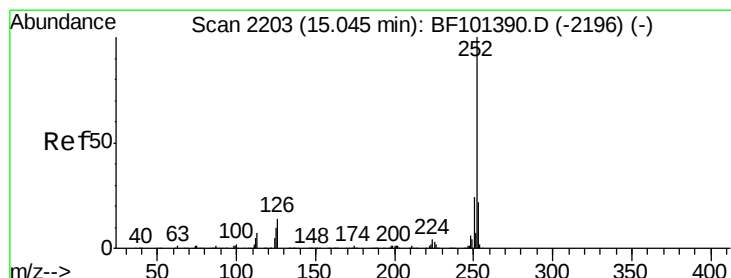
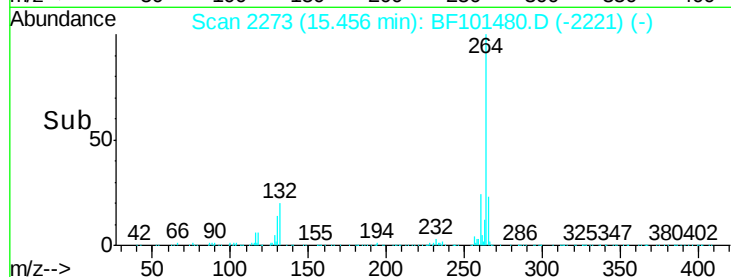
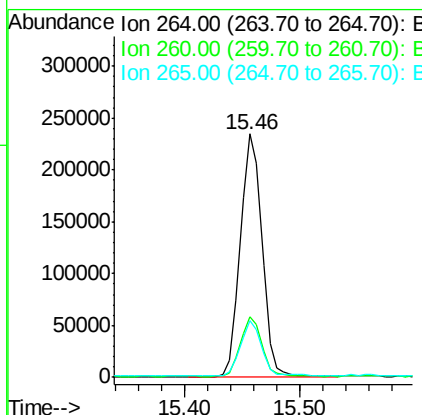
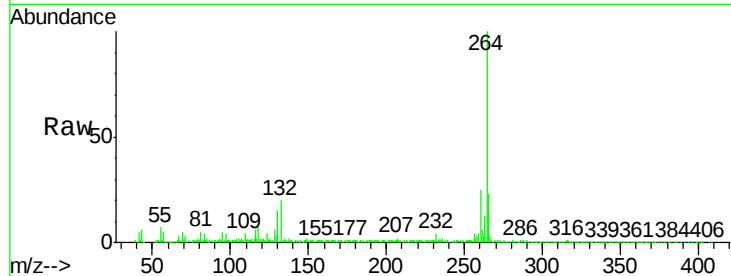
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF101480.D
 Acq: 18 Dec 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-121417-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	23.1	17.5	26.3

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:49:37 PM



#87
 Benzo(b)fluoranthene
 Concen: 2.256 ng m
 RT: 15.03 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: BF101480.D
 Acq: 18 Dec 2017 15:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.2	17.0	25.6#
125	24.8	9.0	13.6#

