

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
 Data File : BF101478.D
 Acq On : 18 Dec 2017 14:09
 Operator : SJ/JU
 Sample : I6885-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-003

Manual Integrations
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Quant Time: Dec 18 16:01:33 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	190119	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	771651	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	331665	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	582374	20.00	ng	0.00
75) Chrysene-d12	13.99	240	359476	20.00	ng	0.00
86) Perylene-d12	15.46	264	361270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1270430	99.54	ng	0.01
7) Phenol-d6	6.46	99	1620400	102.01	ng	0.00
23) Nitrobenzene-d5	7.38	82	1009482	72.82	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	342809	107.27	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1563822	73.14	ng	0.00
78) Terphenyl-d14	12.92	244	1220612	81.86	ng	0.00
Target Compounds						
10) Phenol	6.47	94	79684	4.401	ng	83
49) Dimethylphthalate	9.56	163	154661	5.797	ng	99
70) Phenanthrene	11.36	178	81839	2.527	ng	98
74) Fluoranthene	12.55	202	168943	4.970	ng	95
77) Pyrene	12.78	202	143934	5.335	ng	98
79) Butylbenzylphthalate	13.39	149	77148	6.320	ng	97
80) Benzo(a)anthracene	13.97	228	65066	2.741	ng	99
82) Chrysene	14.01	228	61463	2.742	ng	97
83) Bis(2-ethylhexyl)phthalate	13.94	149	32748	2.118	ng	98
87) Benzo(b)fluoranthene	15.03	252	85906m	3.901	ng	
89) Benzo(a)pyrene	15.39	252	58073	2.861	ng	# 91
91) Benzo(g,h,i)perylene	17.39	276	38610	2.237	ng	# 92

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

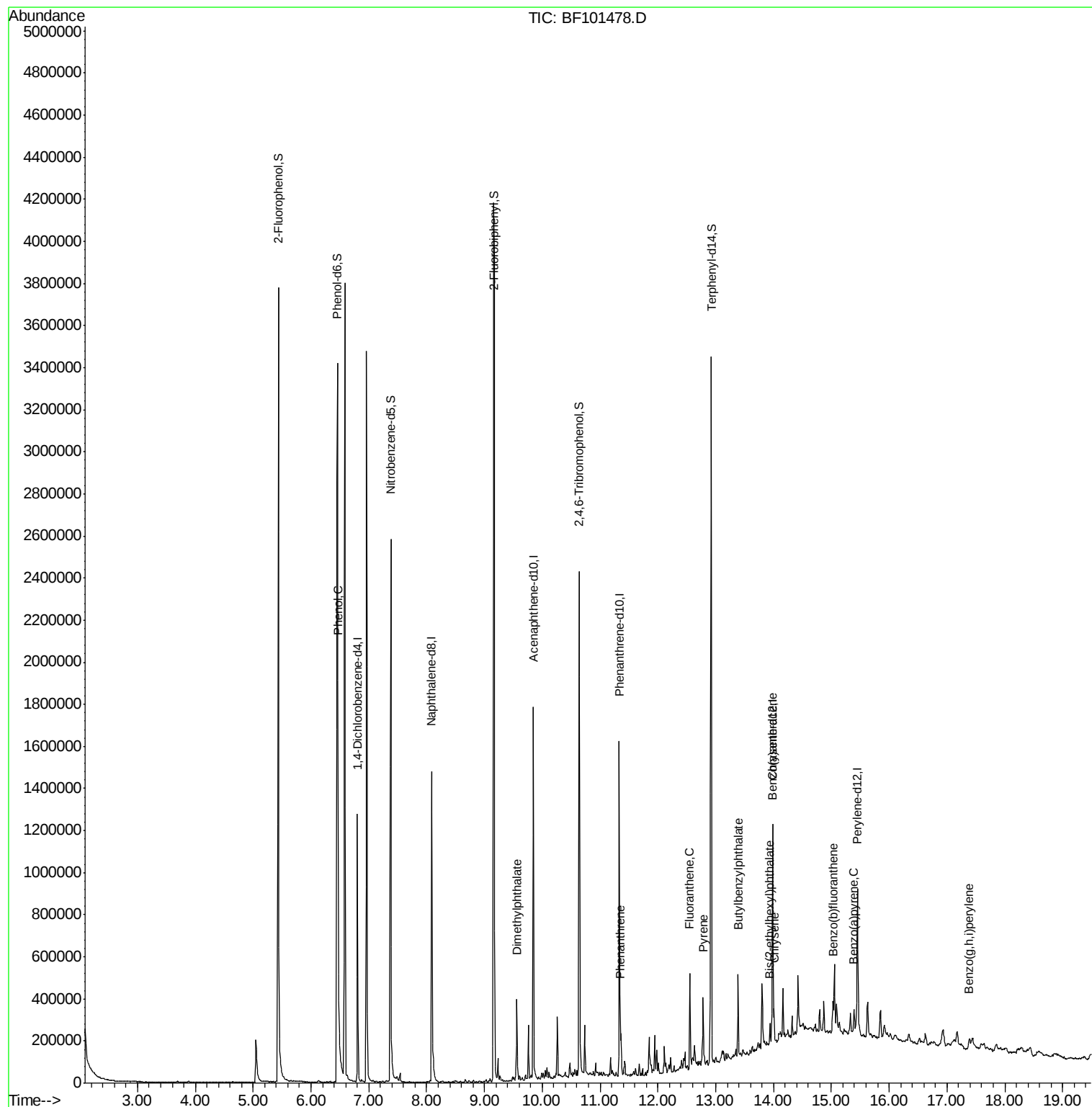
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
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ALS Vial : 7 Sample Multiplier: 1

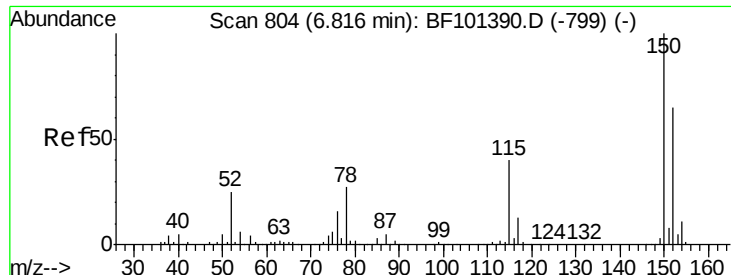
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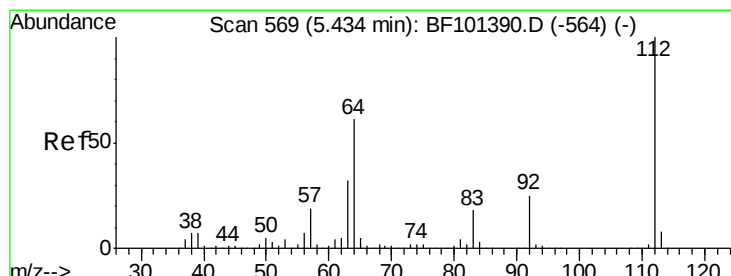
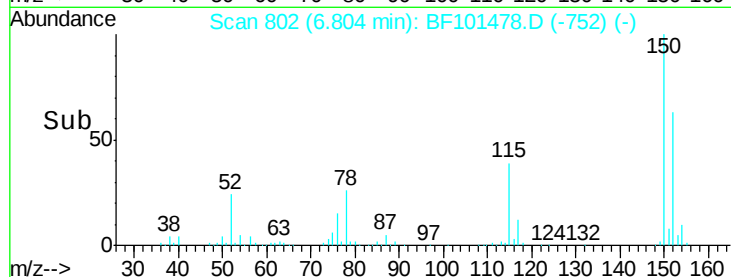
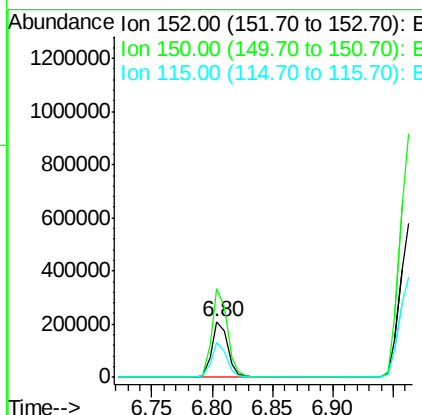
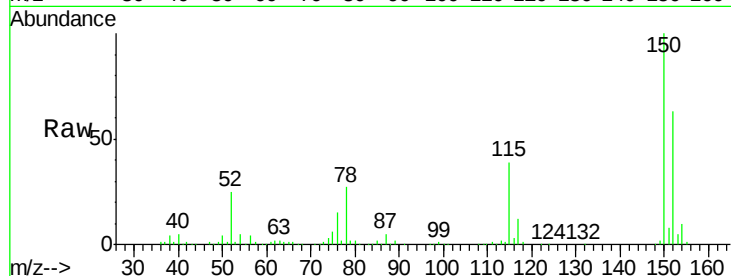
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF101478.D
Acq: 18 Dec 2017 14:09

Instrument :
BNA_F
ClientSampled :
WC-003

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	62.0	50.1	75.1

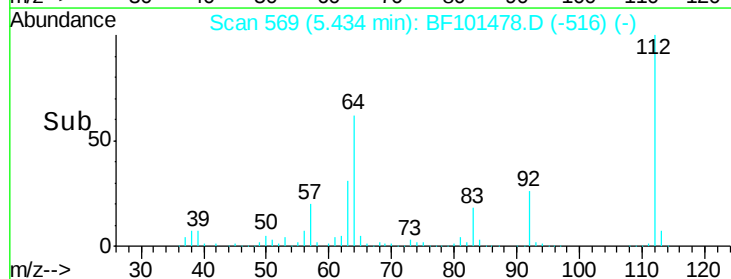
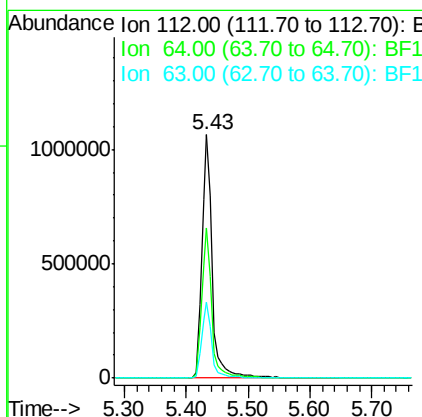
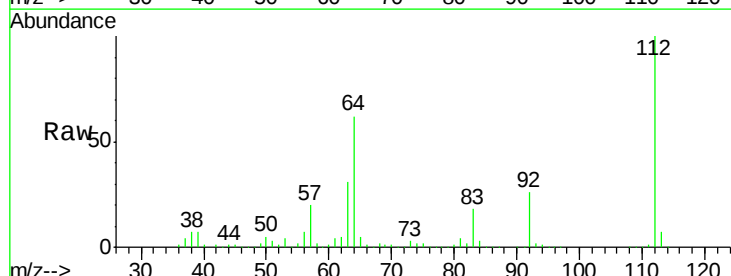
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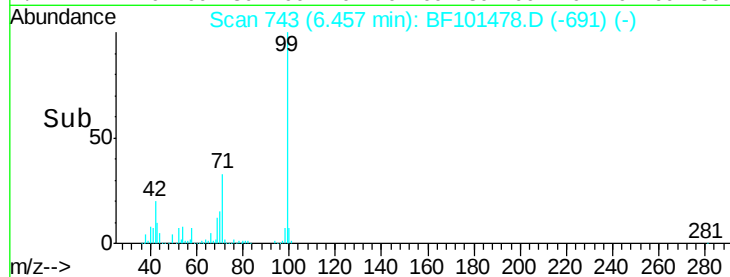
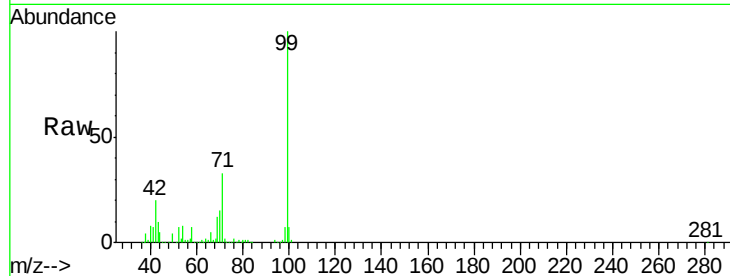
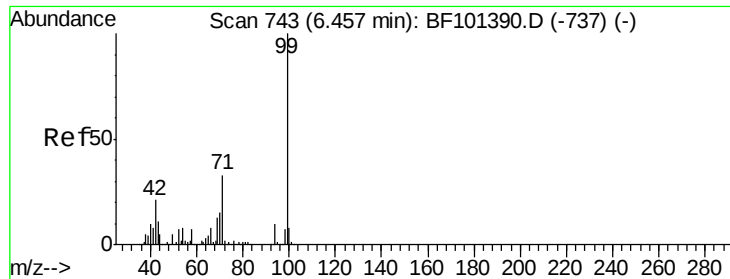
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#5
2-Fluorophenol
Concen: 99.538 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101478.D
Acq: 18 Dec 2017 14:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	47.9	71.9
63	31.3	23.7	35.5





#7

Phenol-d6

Concen: 102.012 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101478.D

Acq: 18 Dec 2017 14:09

Tgt Ion: 99 Resp: 1620400

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

71 32.9 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

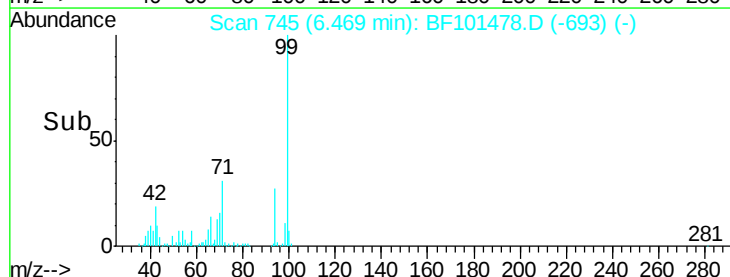
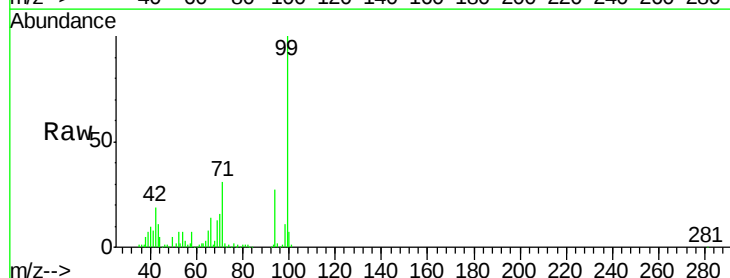
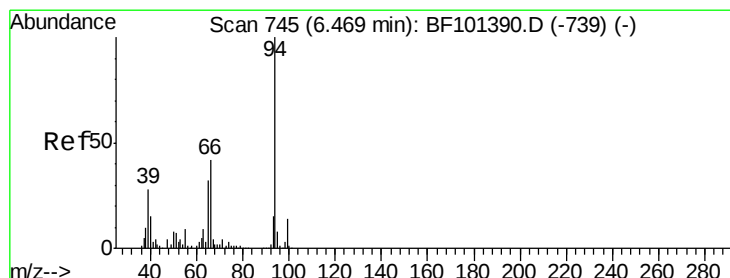
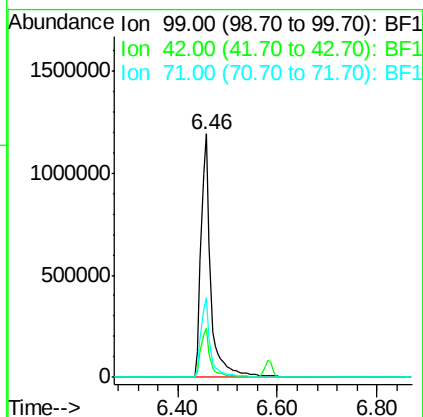
WC-003

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#10

Phenol

Concen: 4.401 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101478.D

Acq: 18 Dec 2017 14:09

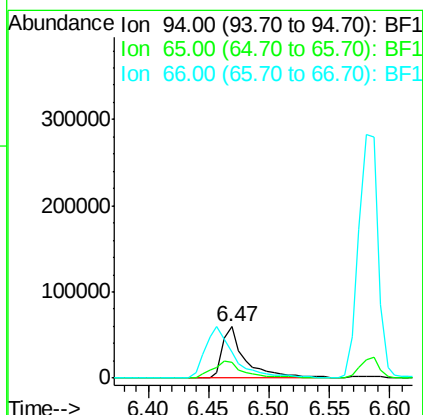
Tgt Ion: 94 Resp: 79684

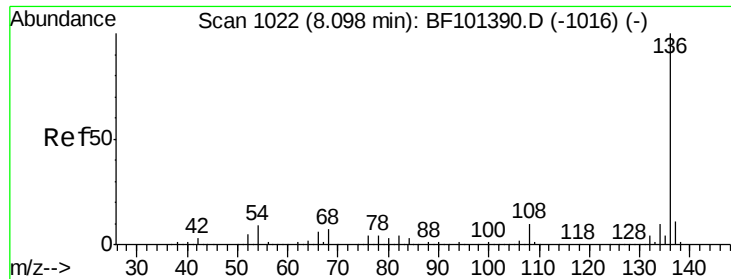
Ion Ratio Lower Upper

94 100

65 31.9 7.9 47.9

66 50.9 16.2 56.2





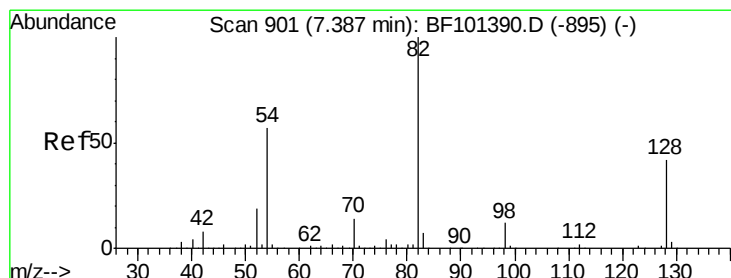
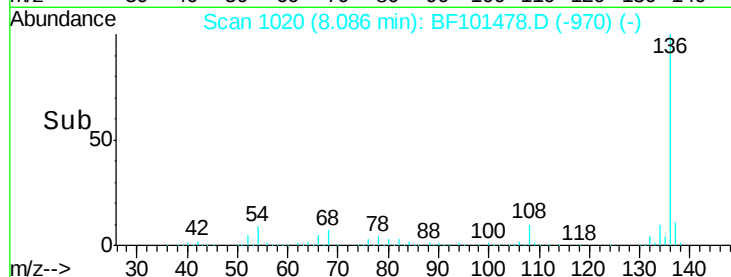
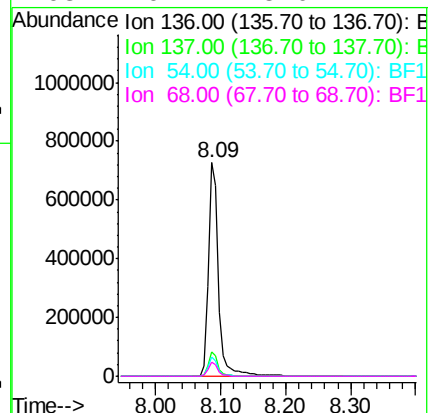
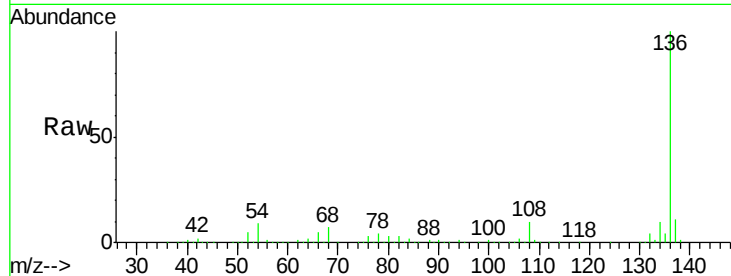
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF101478.D
Acq: 18 Dec 2017 14:09

Instrument :
BNA_F
ClientSampleId :
WC-003

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	771651		
137	11.2	8.9	13.3	
54	9.2	6.6	9.8	
68	6.7	5.0	7.4	

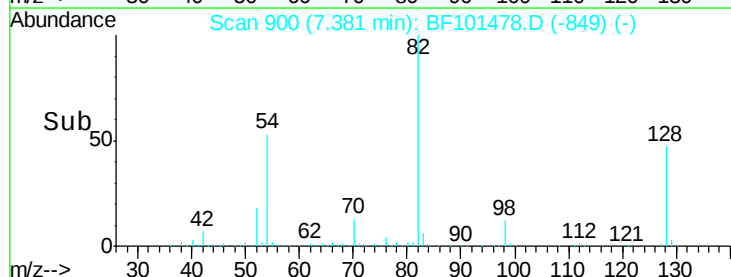
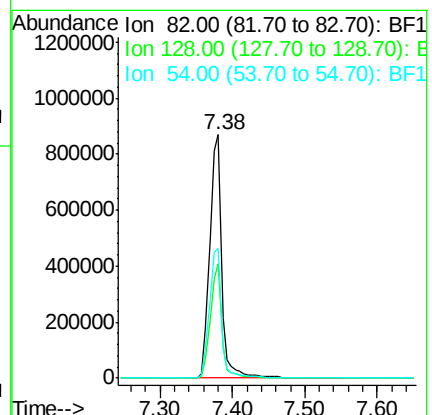
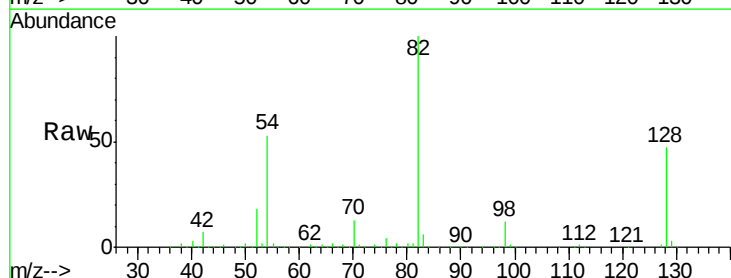
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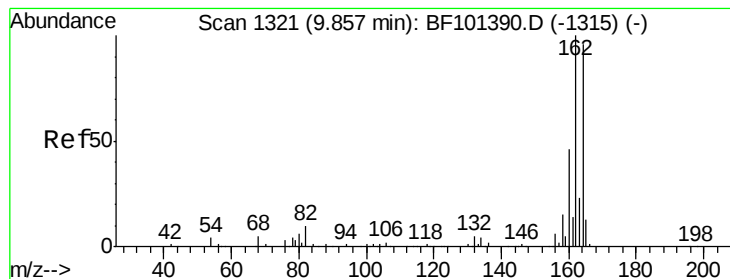
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#23
Nitrobenzene-d5
Concen: 72.823 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF101478.D
Acq: 18 Dec 2017 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1009482		
128	46.8	36.1	54.1	
54	53.1	41.4	62.2	





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF101478.D

Acq: 18 Dec 2017 14:09

Instrument :

BNA_F

ClientSampleId :

WC-003

Tgt Ion:164 Resp: 331665

Ion Ratio Lower Upper

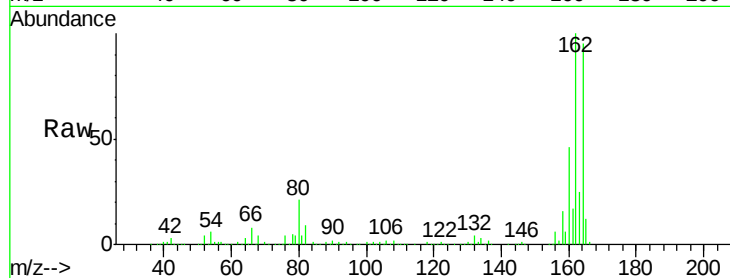
164 100

162 105.6 86.1 129.1

160 48.2 38.3 57.5

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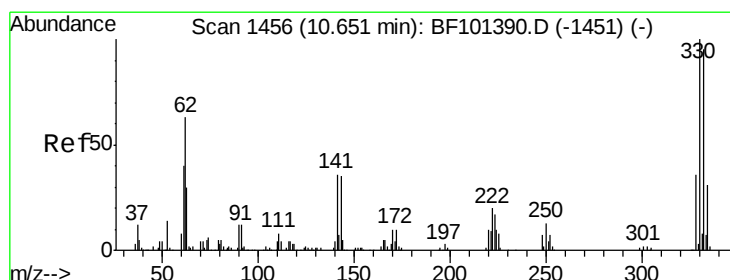
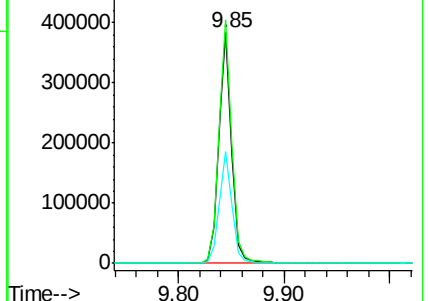
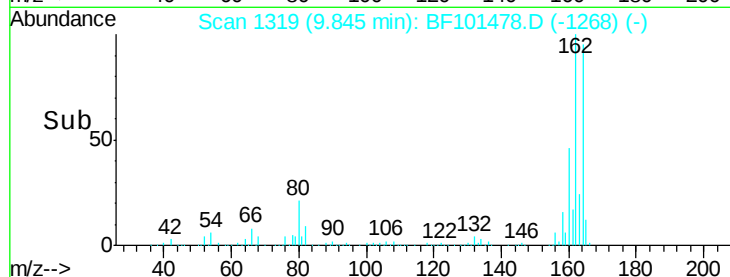
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 107.267 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF101478.D

Acq: 18 Dec 2017 14:09

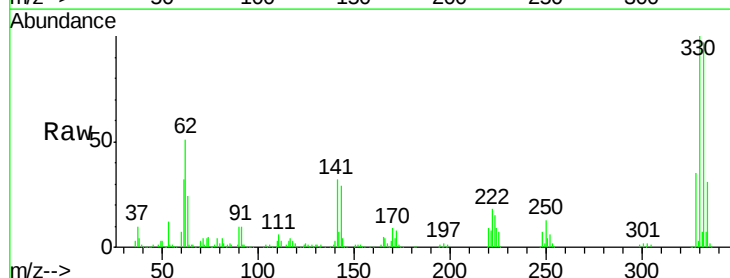
Tgt Ion:330 Resp: 342809

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

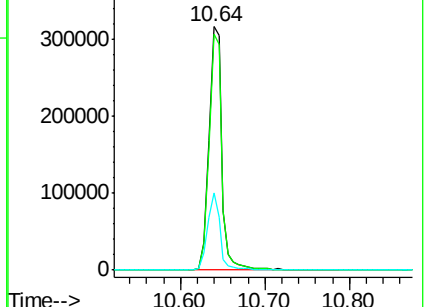
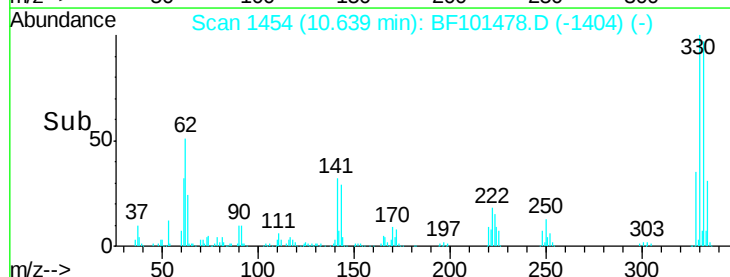
141 30.4 29.9 44.9

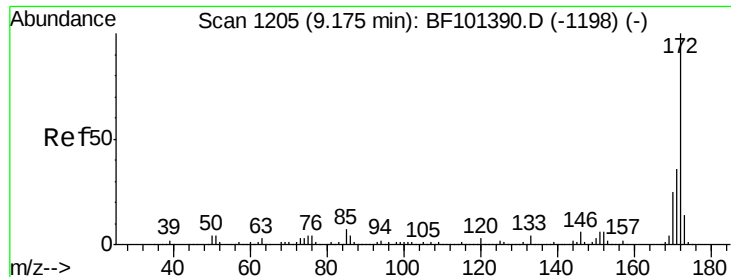


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





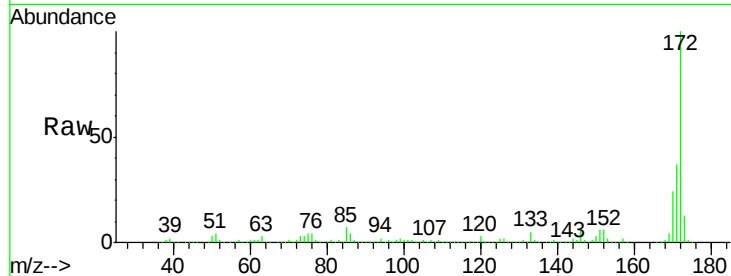
#44
2-Fluorobiphenyl
Concen: 73.142 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF101478.D
Acq: 18 Dec 2017 14:09

Instrument :
BNA_F
ClientSampleId :
WC-003

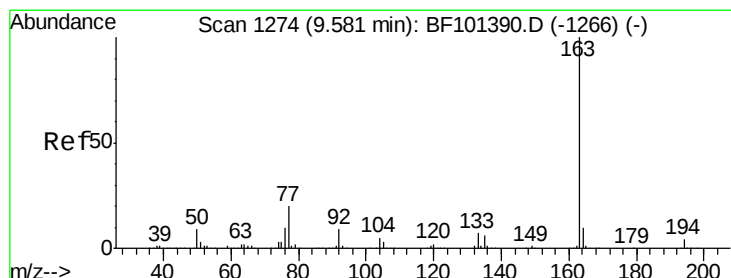
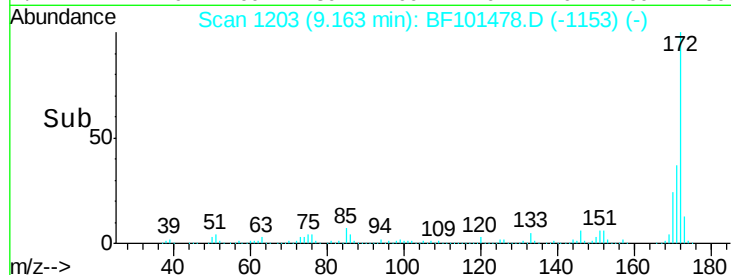
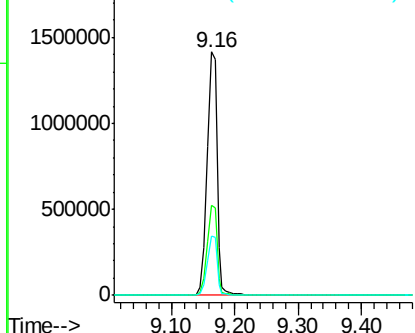
Tgt Ion:172 Resp: 1563822
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.5 19.6 29.4

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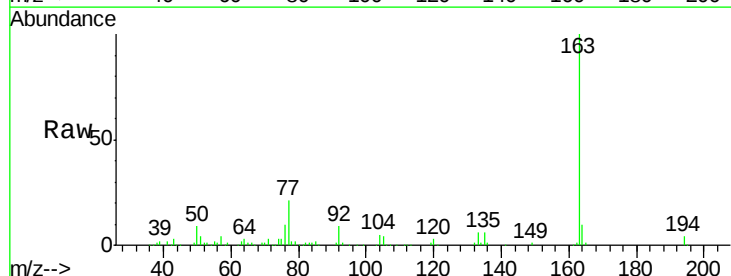


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

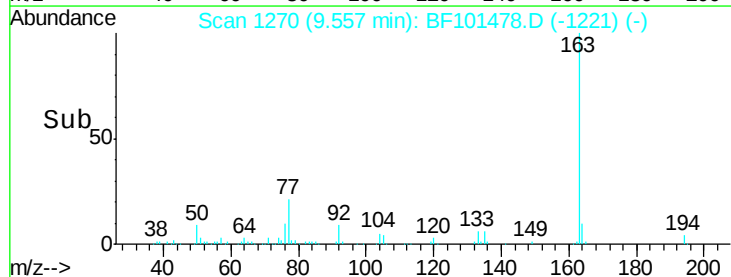
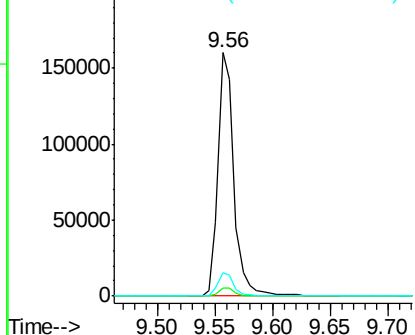


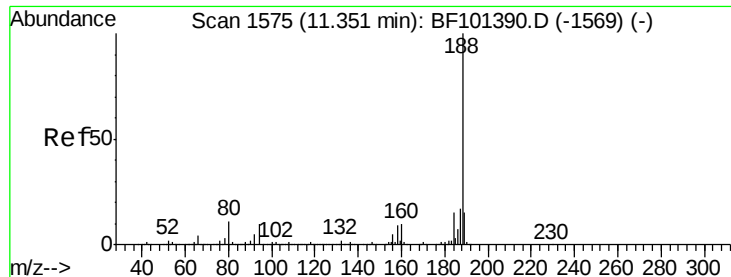
#49
Dimethylphthalate
Concen: 5.797 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF101478.D
Acq: 18 Dec 2017 14:09

Tgt Ion:163 Resp: 154661
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





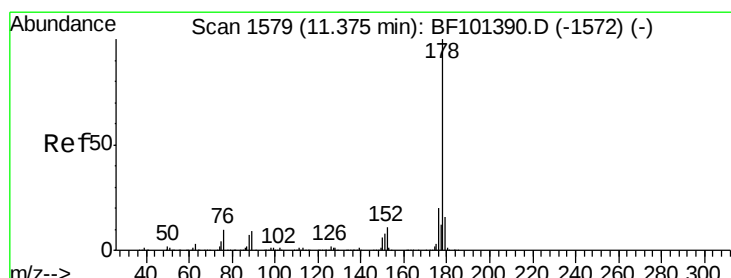
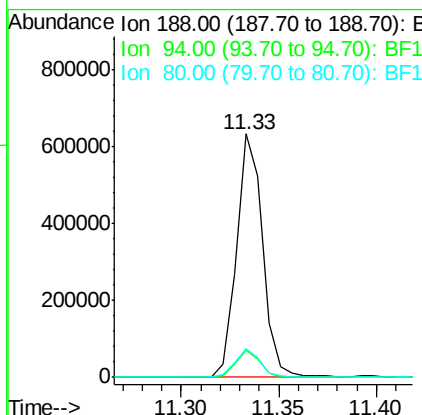
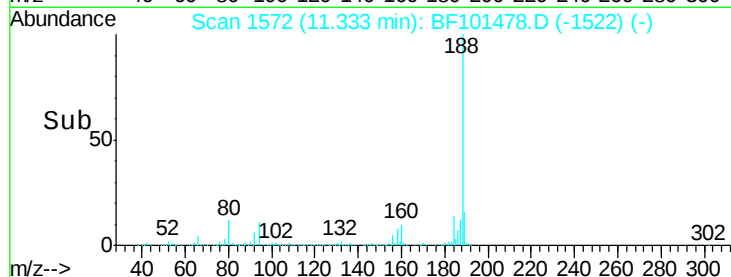
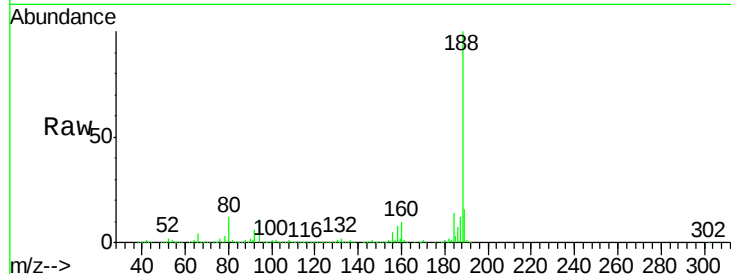
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF101478.D
Acq: 18 Dec 2017 14:09

Instrument :
BNA_F
ClientSampleId :
WC-003

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.0	8.5	12.7
80	11.5	9.2	13.8

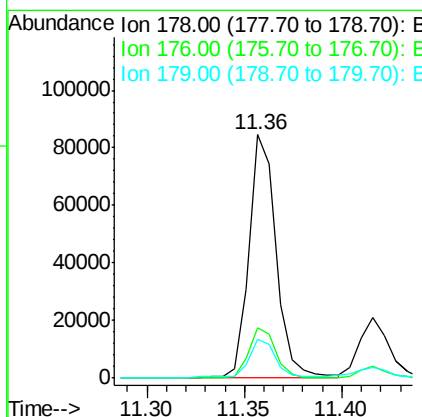
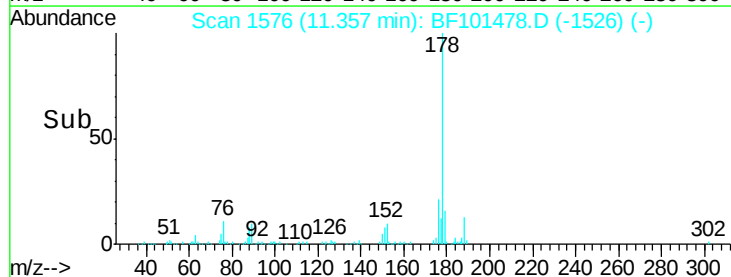
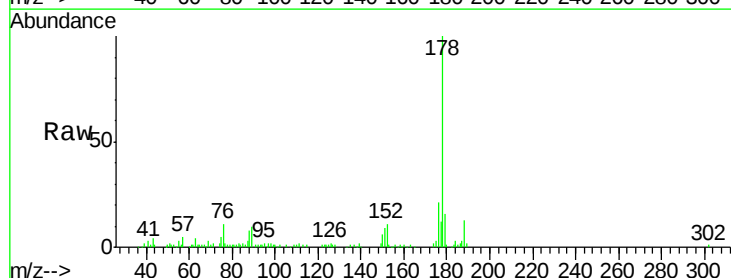
Manual Integrations
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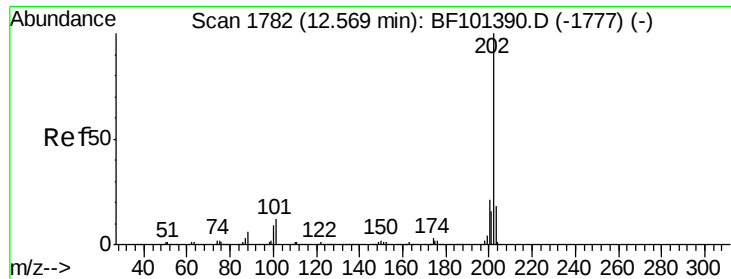
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#70
Phenanthrene
Concen: 2.527 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF101478.D
Acq: 18 Dec 2017 14:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	20.7	15.8	23.8
179	15.8	13.0	19.6





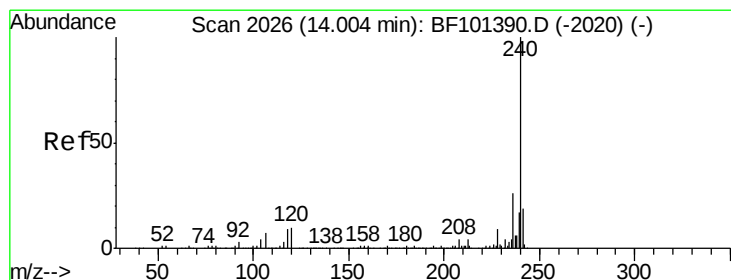
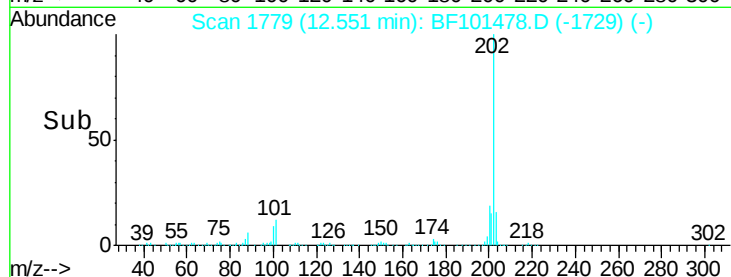
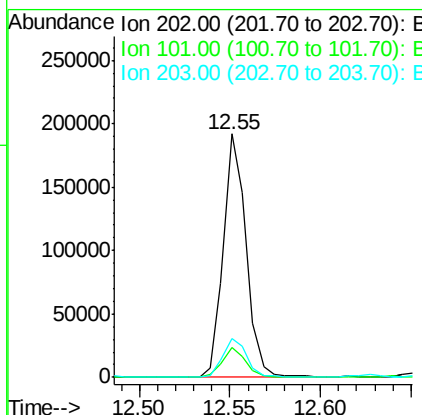
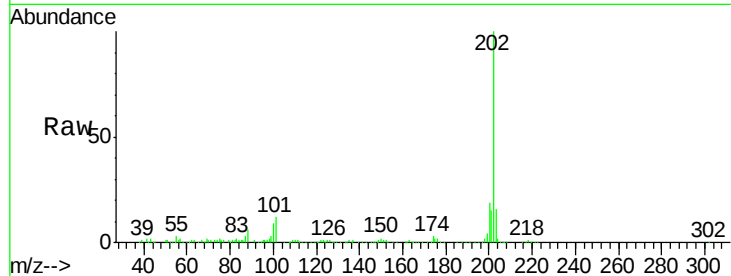
#74
Fluoranthene
Concen: 4.970 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF101478.D
Acq: 18 Dec 2017 14:09

Instrument :
BNA_F
ClientSampled :
WC-003

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.4	0.0	34.1
203	15.9	0.0	38.1

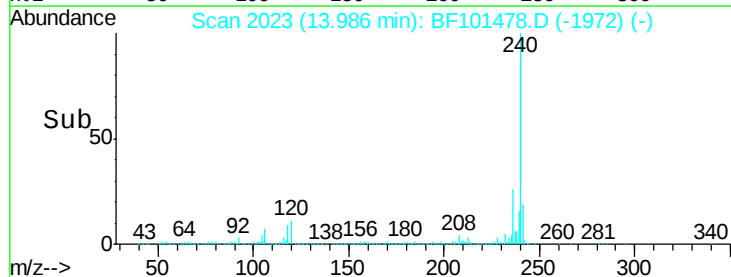
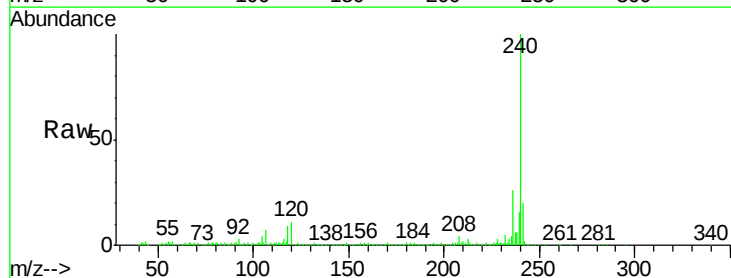
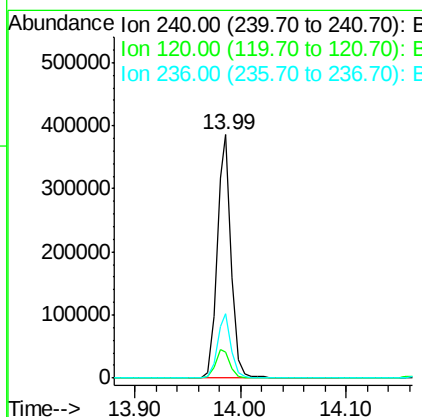
Manual Integrations
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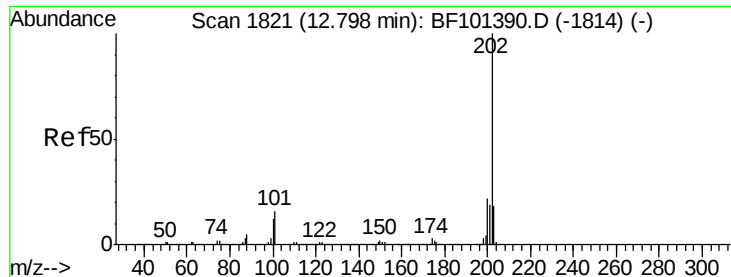
Sohil
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF101478.D
Acq: 18 Dec 2017 14:09

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.7	9.5	14.3
236	26.3	20.7	31.1





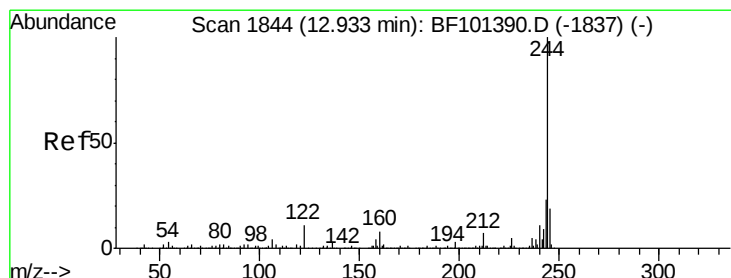
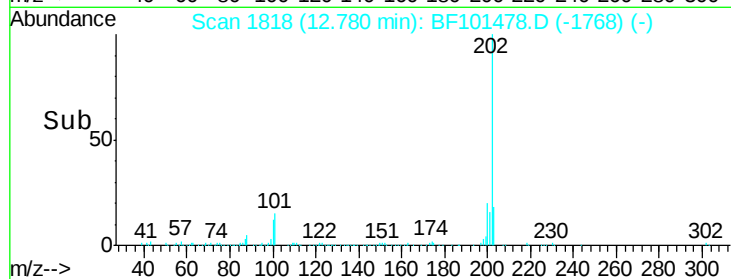
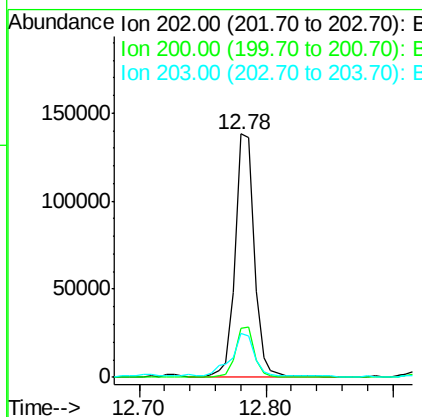
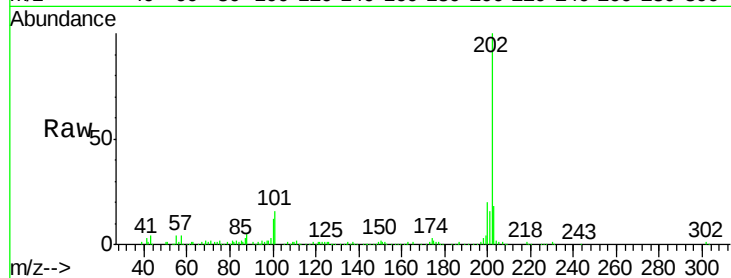
#77
 Pyrene
 Concen: 5.335 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF101478.D
 Acq: 18 Dec 2017 14:09

Instrument :
 BNA_F
 ClientSampleId :
 WC-003

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.4	26.2
203	18.1	14.3	21.5

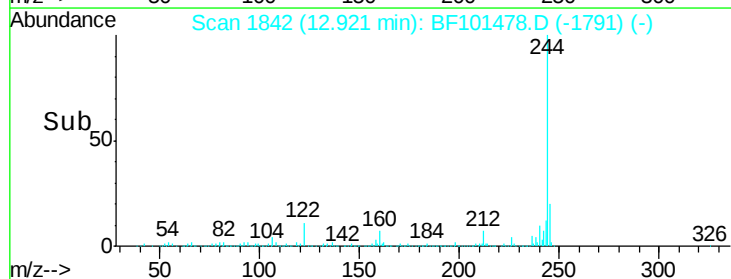
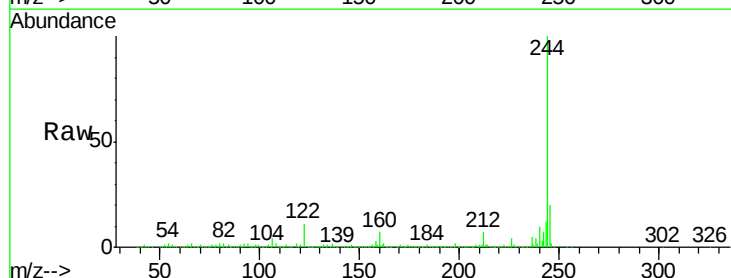
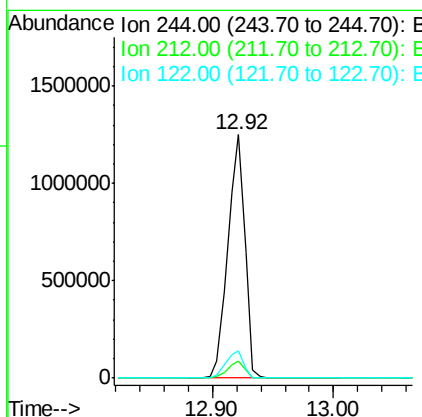
Manual Integrations
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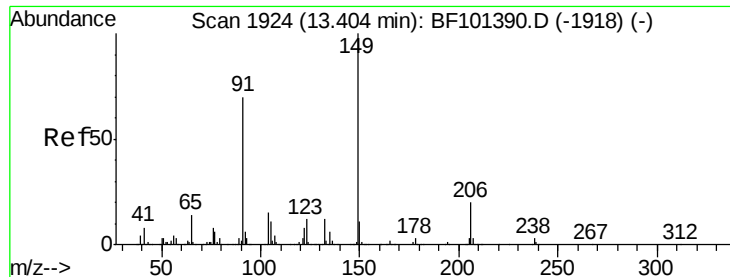
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#78
 Terphenyl-d14
 Concen: 81.858 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF101478.D
 Acq: 18 Dec 2017 14:09

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





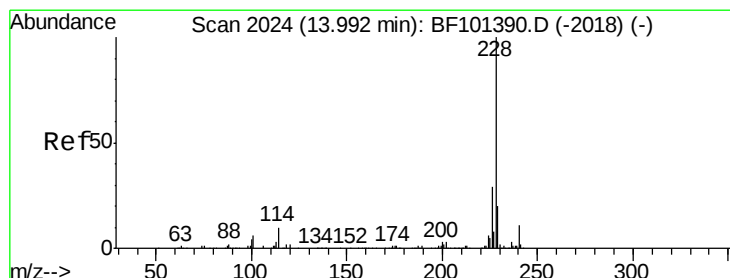
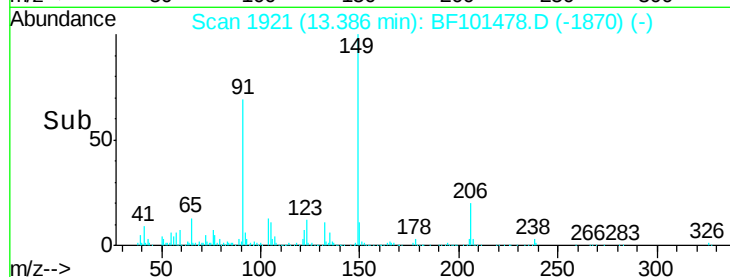
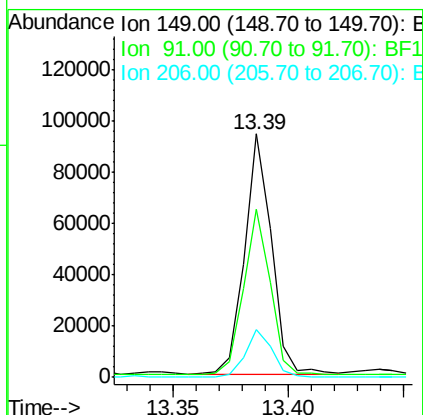
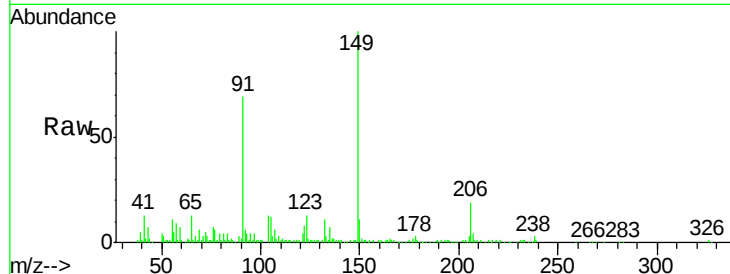
#79
Butylbenzylphthalate
Concen: 6.320 ng
RT: 13.39 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BF101478.D
Acq: 18 Dec 2017 14:09

Instrument :
BNA_F
ClientSampleId :
WC-003

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.9	56.8	85.2
206	19.5	14.1	21.1

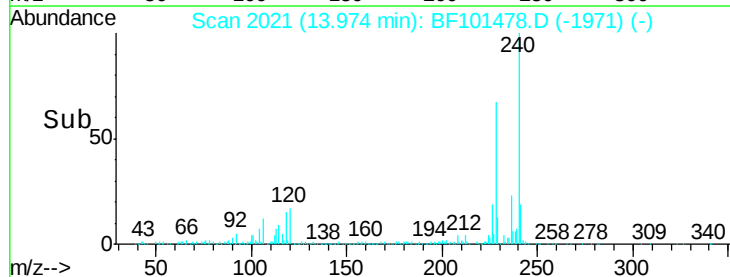
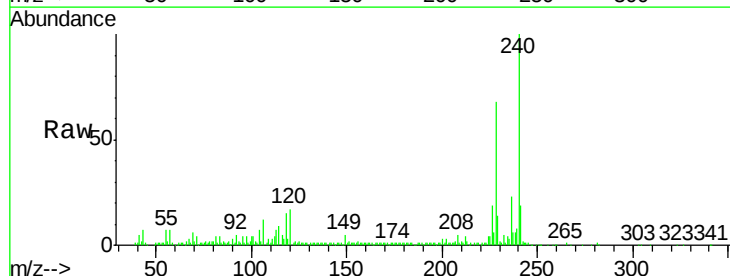
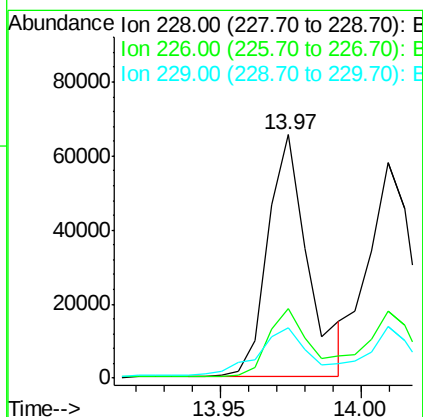
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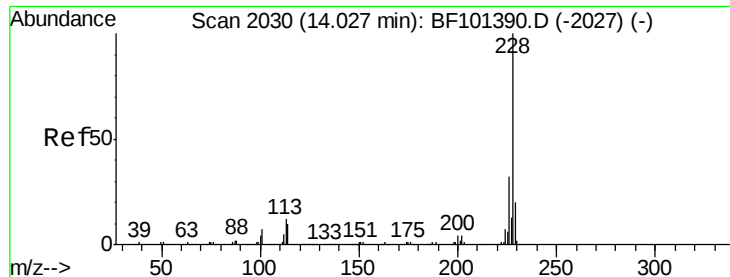
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#80
Benzo(a)anthracene
Concen: 2.741 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF101478.D
Acq: 18 Dec 2017 14:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.8	15.8	23.6





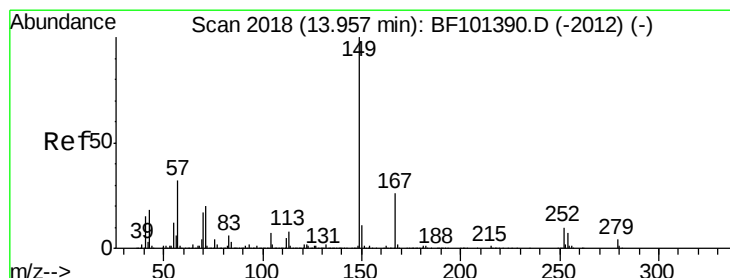
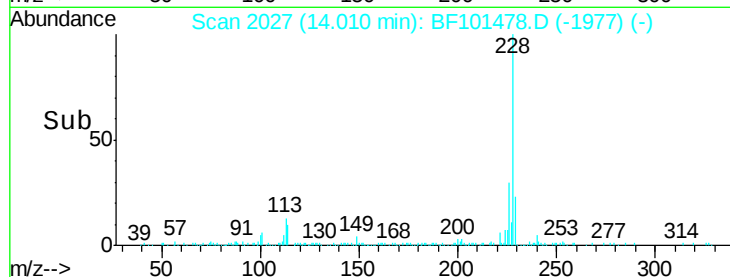
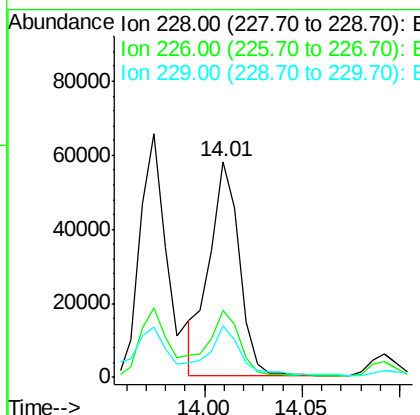
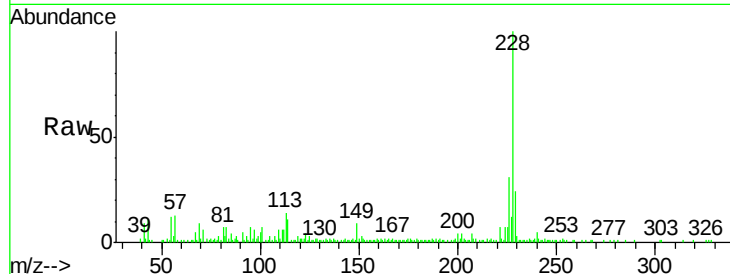
#82
Chrysene
Concen: 2.742 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF101478.D
Acq: 18 Dec 2017 14:09

Instrument :
BNA_F
ClientSampleId :
WC-003

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	23.9	16.2	24.4

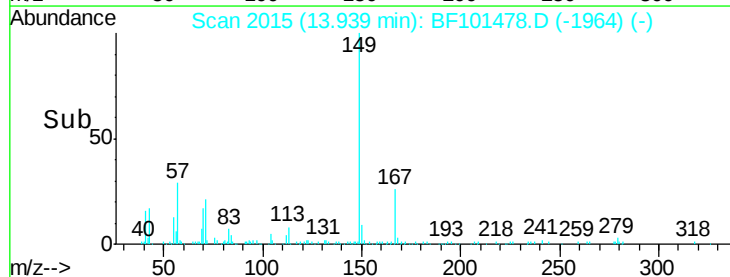
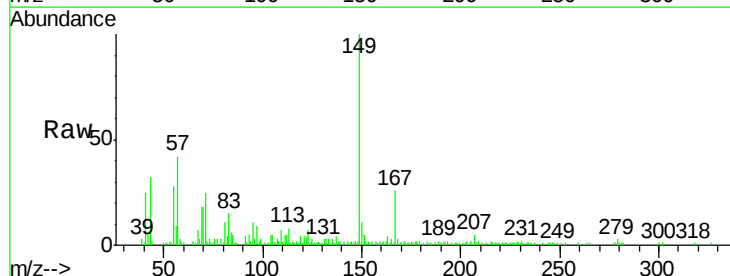
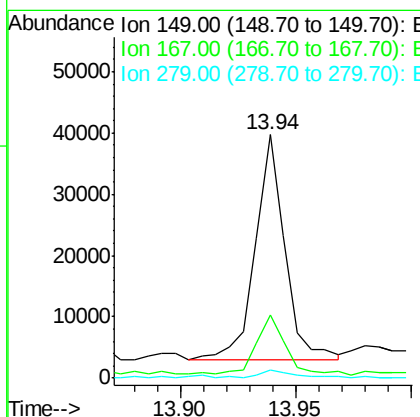
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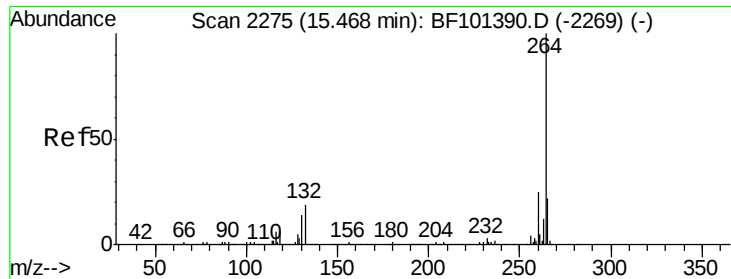
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#83
Bis(2-ethylhexyl)phthalate
Concen: 2.118 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF101478.D
Acq: 18 Dec 2017 14:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.3	31.9
279	3.1	3.0	4.4





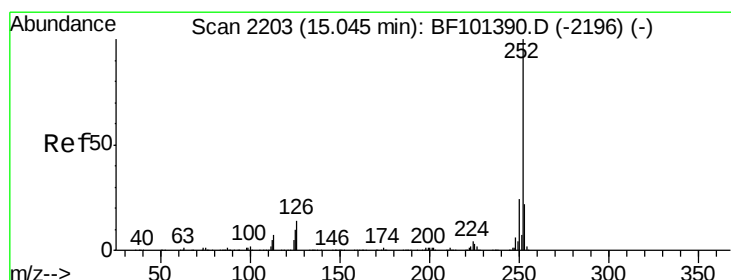
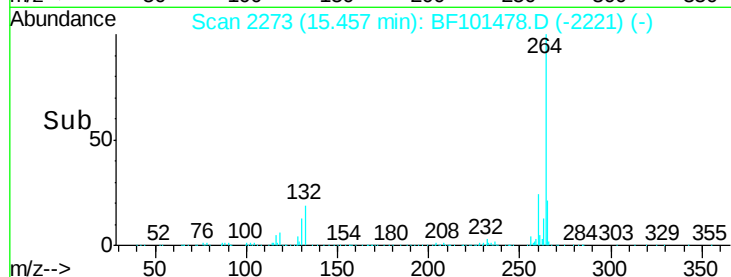
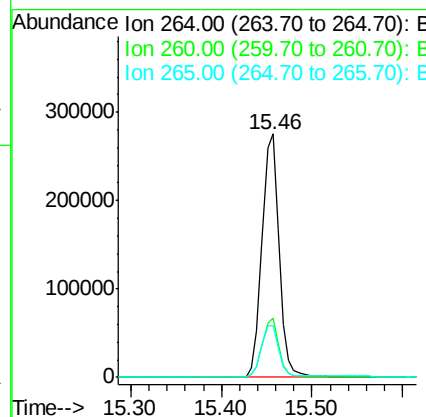
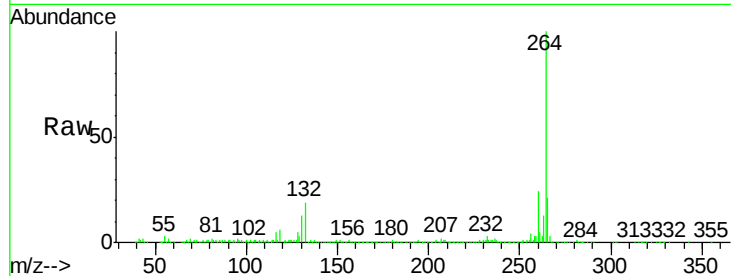
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF101478.D
Acq: 18 Dec 2017 14:09

Instrument :
BNA_F
ClientSampleId :
WC-003

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.1	17.5	26.3

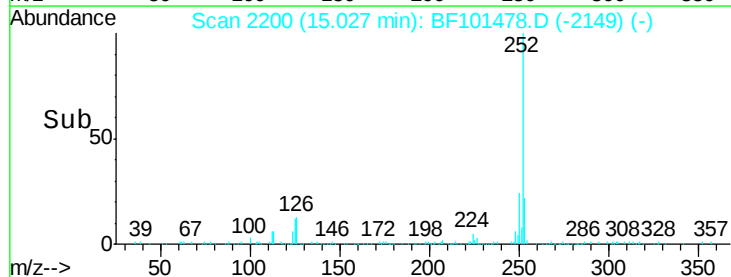
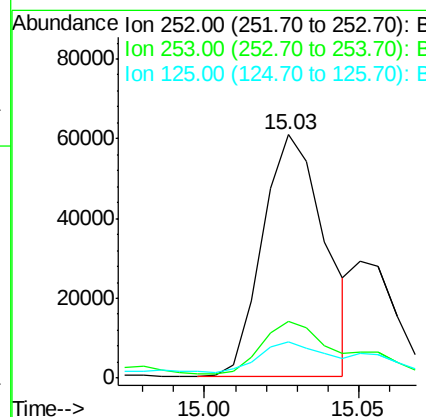
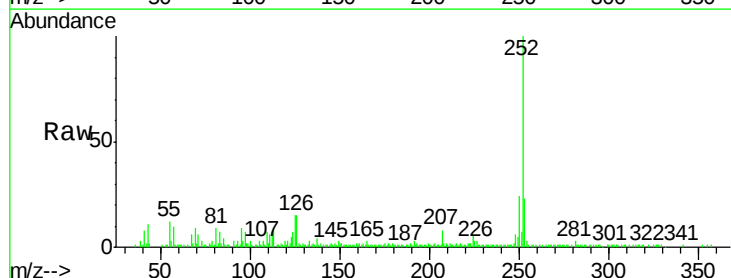
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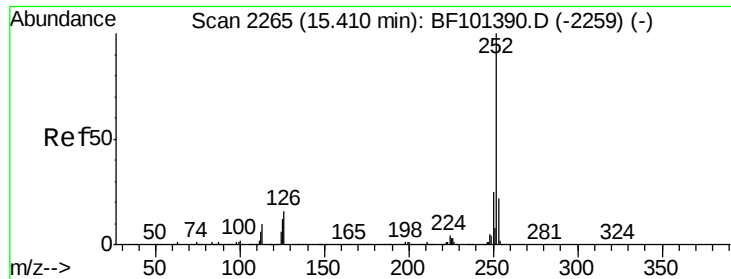
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#87
Benzo(b)fluoranthene
Concen: 3.901 ng m
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF101478.D
Acq: 18 Dec 2017 14:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	15.0	9.0	13.6





#89

Benzo(a)pyrene

Concen: 2.861 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.00 min

Lab File: BF101478.D

Acq: 18 Dec 2017 14:09

Instrument :

BNA_F

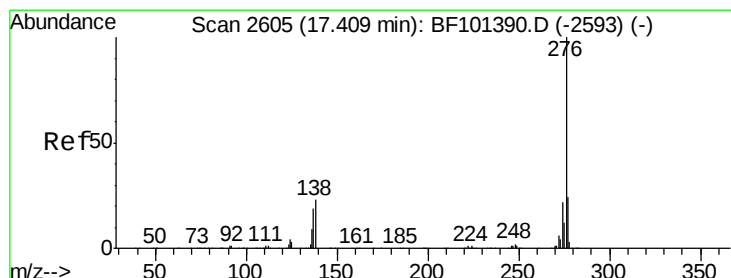
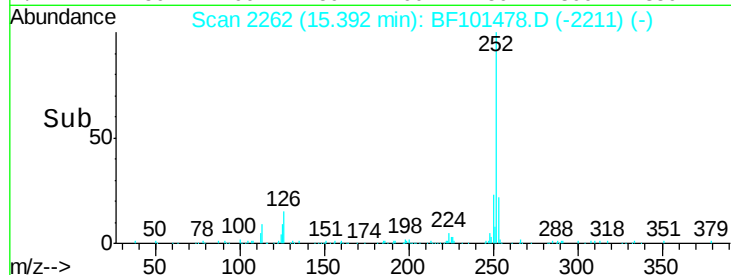
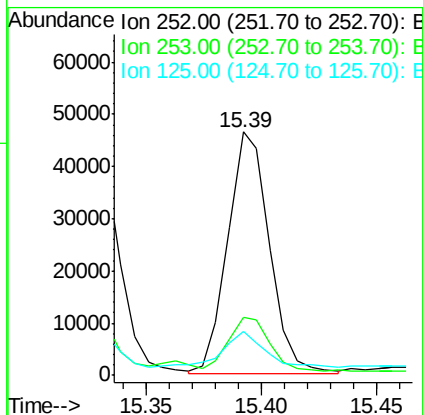
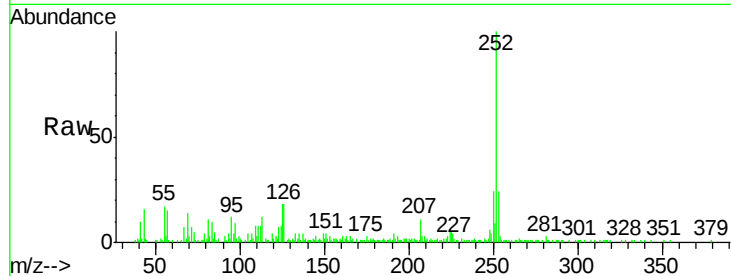
ClientSampleId :

WC-003

Tgt Ion:	252	Resp:	58073
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.1	25.7
125	18.1	9.8	14.6#

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 2.237 ng

RT: 17.39 min Scan# 2602

Delta R.T. 0.01 min

Lab File: BF101478.D

Acq: 18 Dec 2017 14:09

Tgt Ion:	276	Resp:	38610
Ion Ratio	Lower	Upper	
276	100		
277	24.1	17.9	26.9
138	21.7	21.8	32.8#

