

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103214.D
 Acq On : 26 Feb 2018 13:14
 Operator : SJ/JU
 Sample : J1652-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-4651

Manual Integrations
 APPROVED

Sohil
 2/27/2018 12:22:35 PM

Quant Time: Feb 26 14:00:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	169873	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	711568	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	299755	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	441633	20.00	ng	0.00
75) Chrysene-d12	14.04	240	300898	20.00	ng	0.00
86) Perylene-d12	15.54	264	310042	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1061367	94.50	ng	0.01
7) Phenol-d6	6.50	99	1272349	92.58	ng	0.00
23) Nitrobenzene-d5	7.43	82	839004	67.34	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	218282	86.03	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1239584	67.85	ng	0.00
78) Terphenyl-d14	12.98	244	823763	65.81	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	101054	4.202	ng	98
70) Phenanthrene	11.42	178	119300	4.909	ng	98
74) Fluoranthene	12.62	202	329941	13.509	ng	98
77) Pyrene	12.84	202	232795	9.923	ng	99
80) Benzo(a)anthracene	14.03	228	67578	3.461	ng	97
82) Chrysene	14.07	228	45763	2.414	ng	96
83) Bis(2-ethylhexyl)phthalate	14.00	149	59616	3.564	ng	# 96
87) Benzo(b)fluoranthene	15.10	252	50133m	2.459	ng	

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

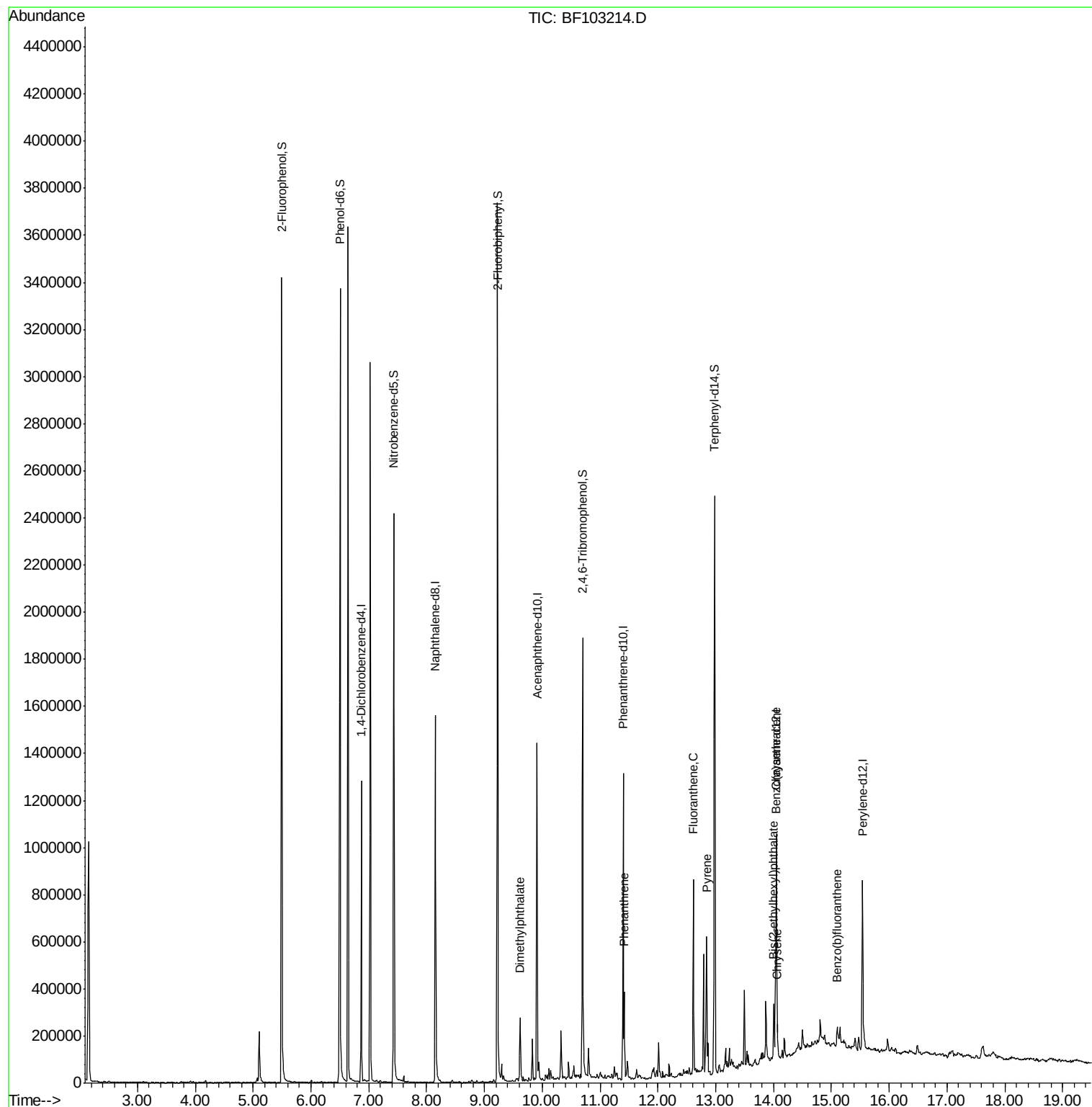
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103214.D
Acq On : 26 Feb 2018 13:14
Operator : SJ/JU
Sample : J1652-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

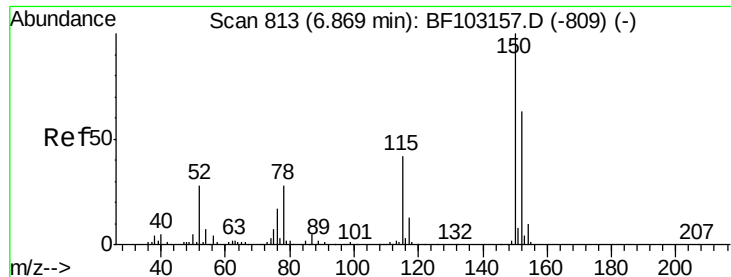
Instrument :
BNA_F
ClientSampleId :
RT-4651

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Quant Time: Feb 26 14:00:13 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

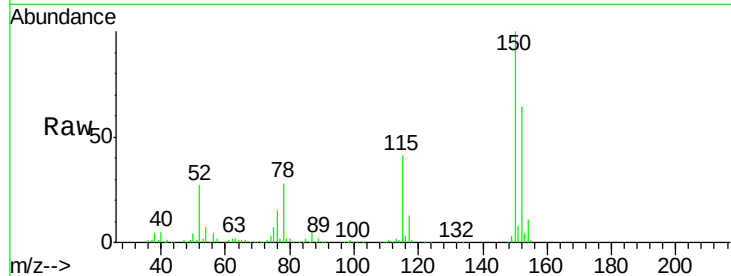
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103214.D
Acq: 26 Feb 2018 13:14

Instrument :
BNA_F
ClientSampled :
RT-4651

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	65.1	50.1	75.1

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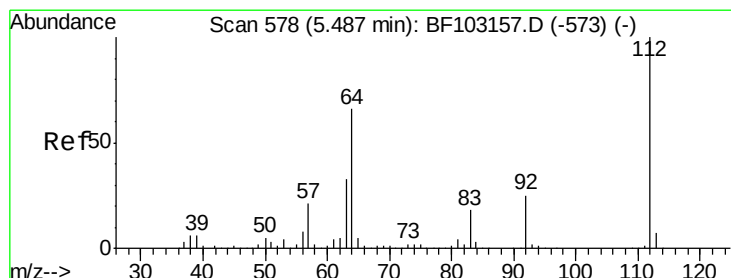
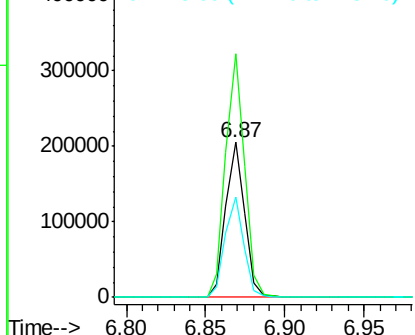
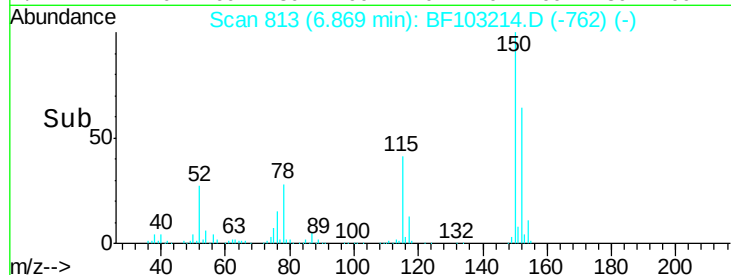


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

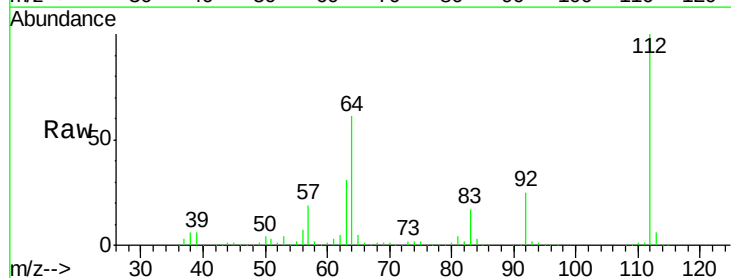
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.497 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103214.D
Acq: 26 Feb 2018 13:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	31.0	23.7	35.5

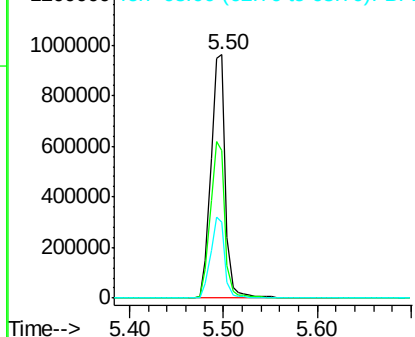
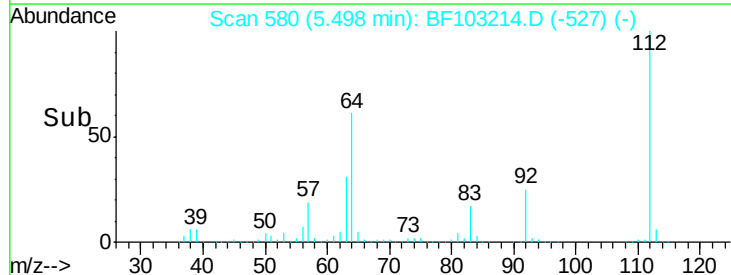


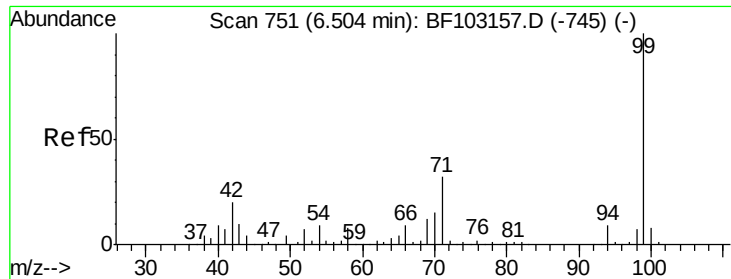
Abundance

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: 92.576 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103214.D

Acq: 26 Feb 2018 13:14

Instrument :

BNA_F

ClientSampleId :

RT-4651

Tot Ion: 99 Resp: 1272349

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

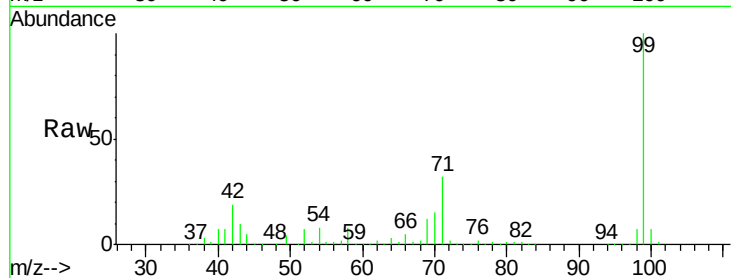
71 32.2 25.4 38.0

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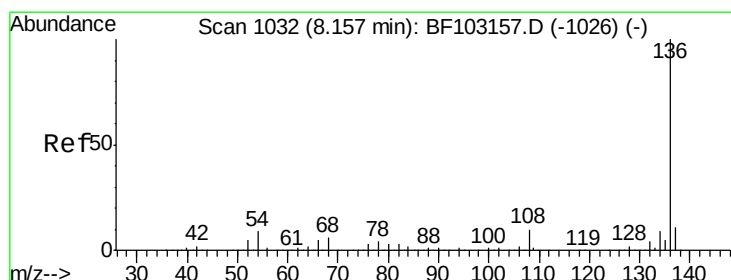
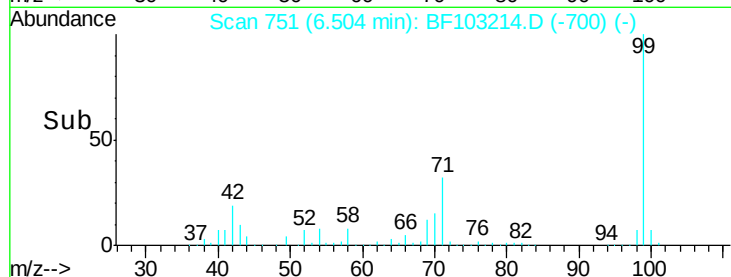
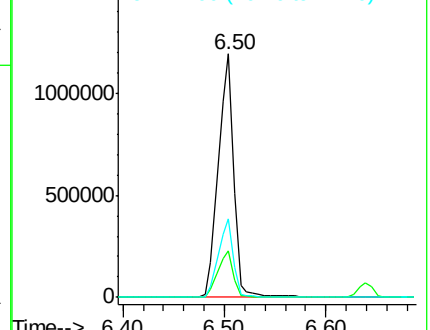
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103214.D

Acq: 26 Feb 2018 13:14

Tgt Ion: 136 Resp: 711568

Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.3 6.6 9.8

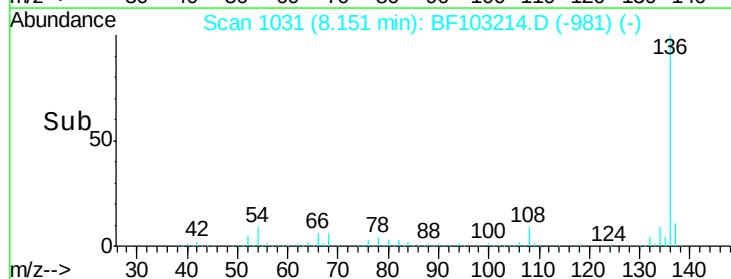
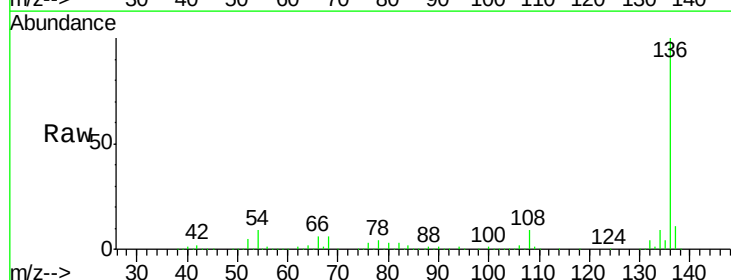
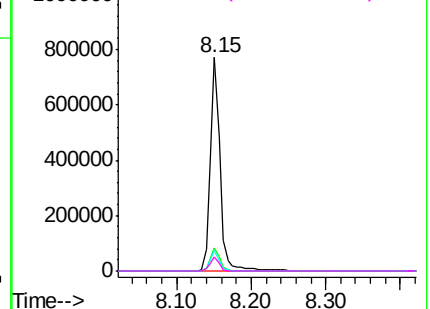
68 6.5 5.0 7.4

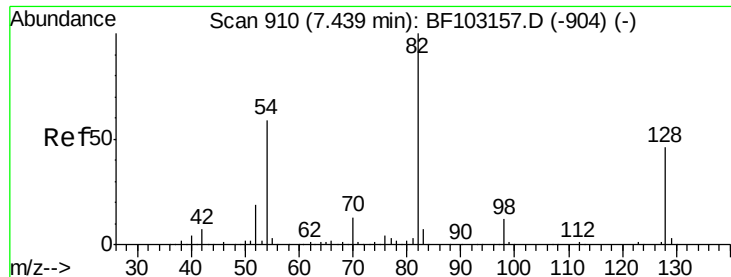
Abundance Ion 136.00 (135.70 to 136.70): E

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





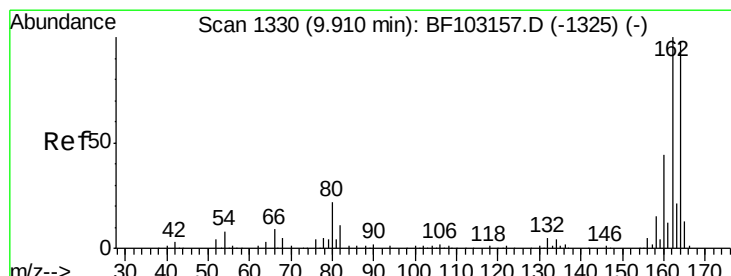
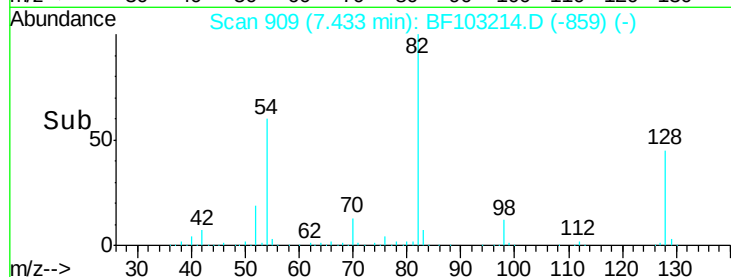
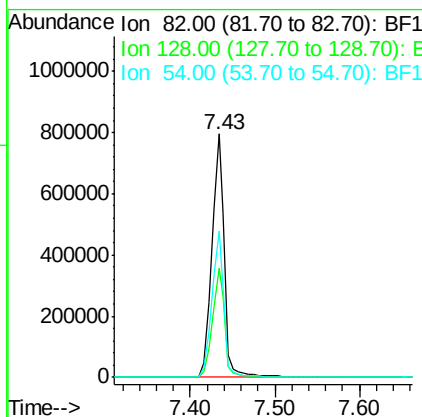
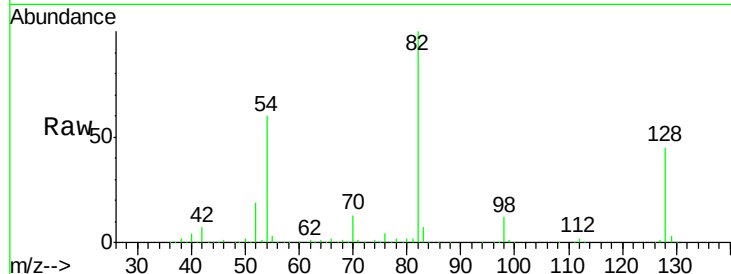
#23
Nitrobenzene-d5
Concen: 67.336 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103214.D
Acq: 26 Feb 2018 13:14

Instrument :
BNA_F
ClientSampled :
RT-4651

Tot Ion	82	Resp	839004
Ion Ratio	100	Lower	Upper
128	45.0	36.1	54.1
54	60.2	41.4	62.2

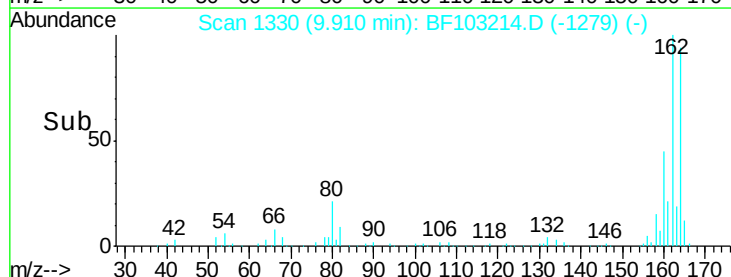
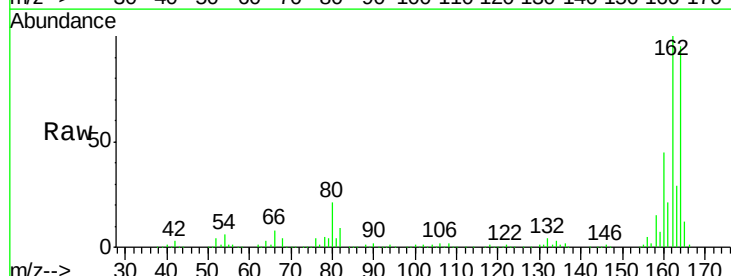
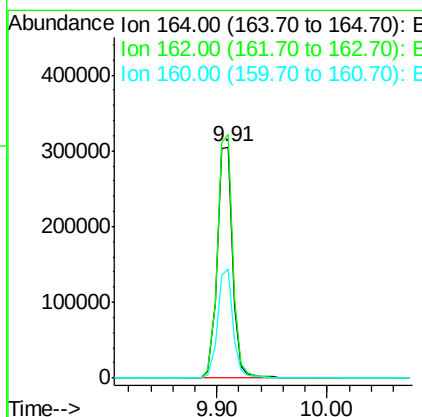
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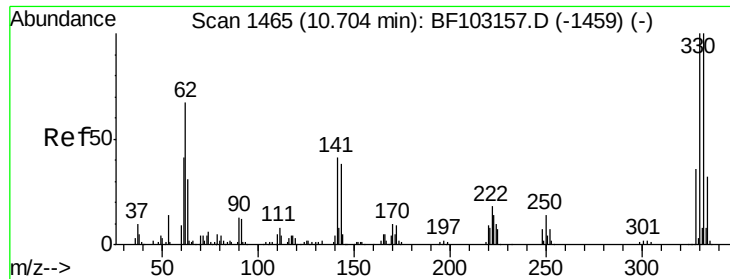
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF103214.D
Acq: 26 Feb 2018 13:14

Tgt Ion	164	Resp	299755
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	105.4	86.1	129.1
160	47.0	38.3	57.5





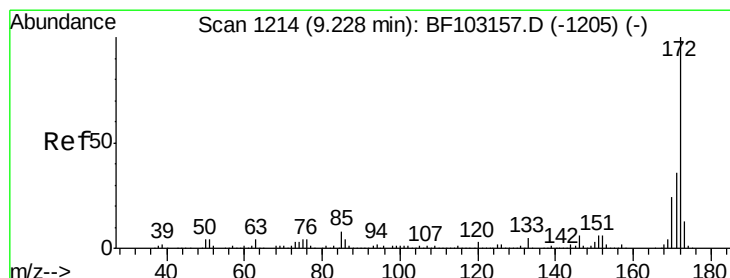
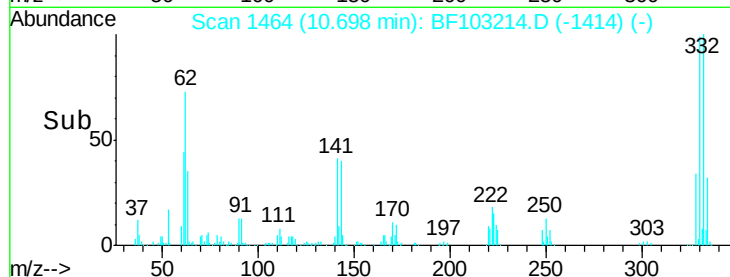
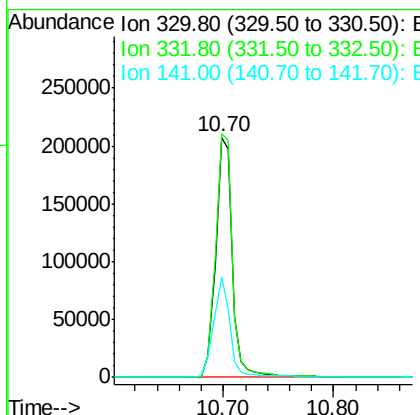
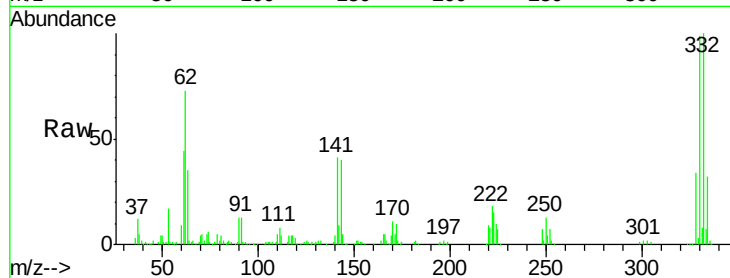
#41
 2,4,6-Tribromophenol
 Concen: 86.031 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103214.D
 Acq: 26 Feb 2018 13:14

Instrument :
 BNA_F
 ClientSampled :
 RT-4651

Tot Ion	Ratio	Resp	Lower	Upper
330	100	218282		
332	103.4	77.0	115.6	
141	40.7	29.9	44.9	

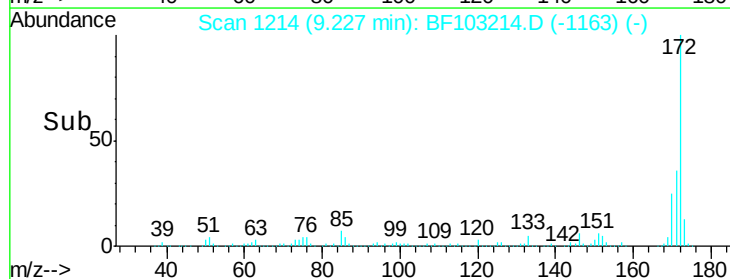
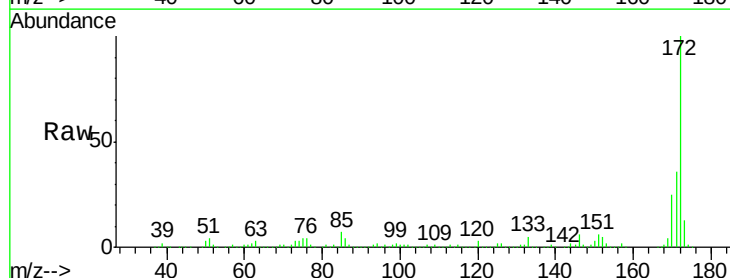
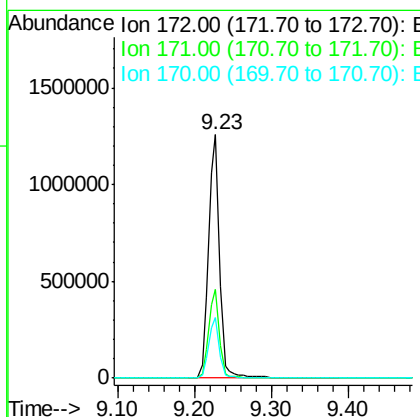
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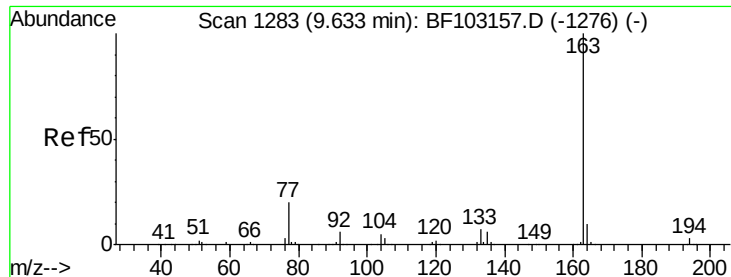
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#44
 2-Fluorobiphenyl
 Concen: 67.852 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103214.D
 Acq: 26 Feb 2018 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1239584		
171	36.2	29.7	44.5	
170	24.8	19.6	29.4	





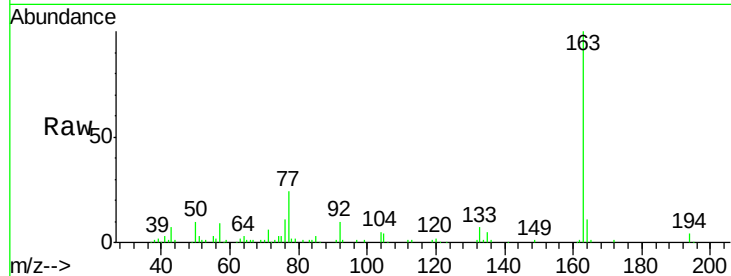
#49
Dimethylphthalate
Concen: 4.202 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF103214.D
Acq: 26 Feb 2018 13:14

Instrument :
BNA_F
ClientSampleId :
RT-4651

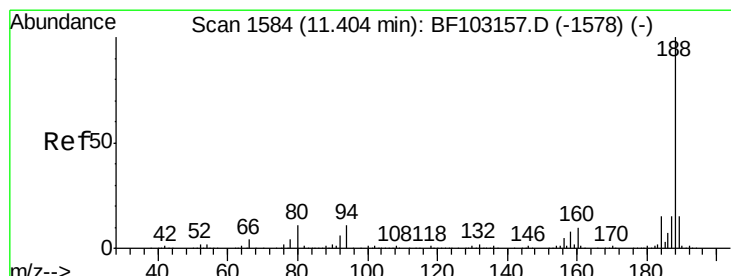
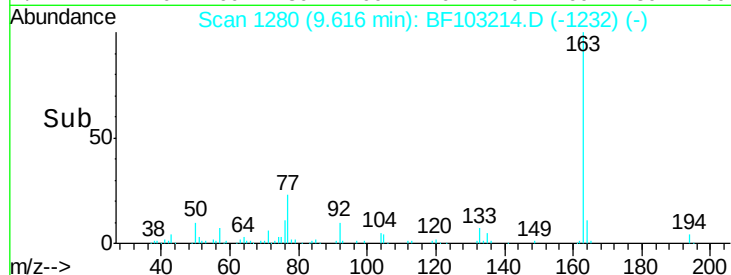
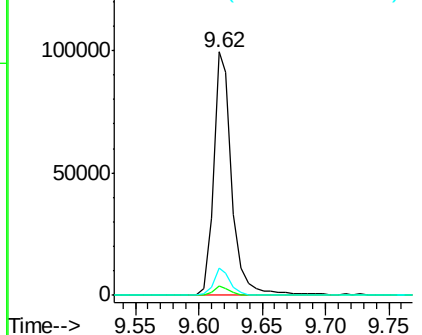
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.7		2.7	4.1
164	11.0		8.2	12.2

Manual Integrations
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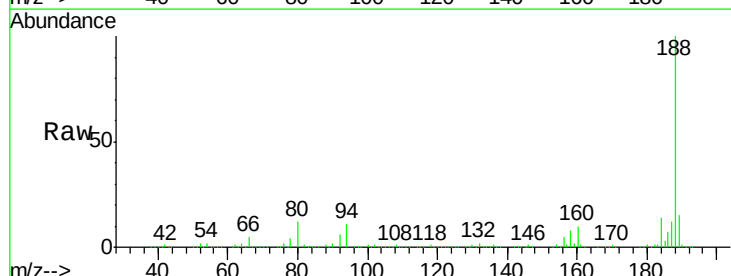


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

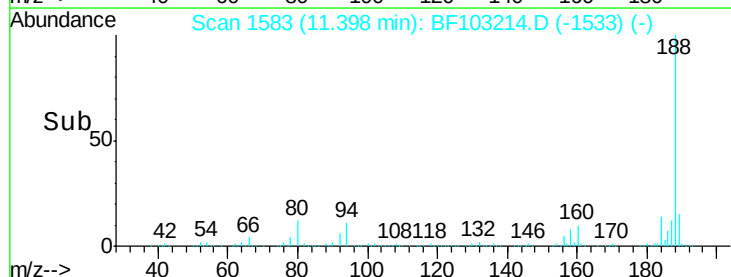
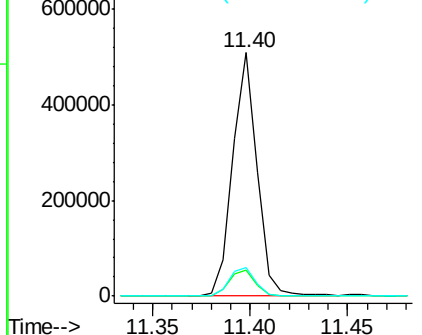


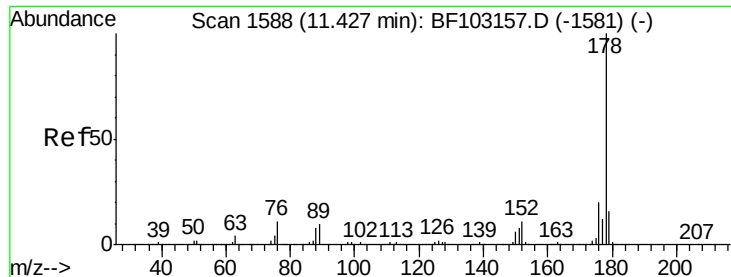
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103214.D
Acq: 26 Feb 2018 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.9		8.5	12.7
80	11.8		9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





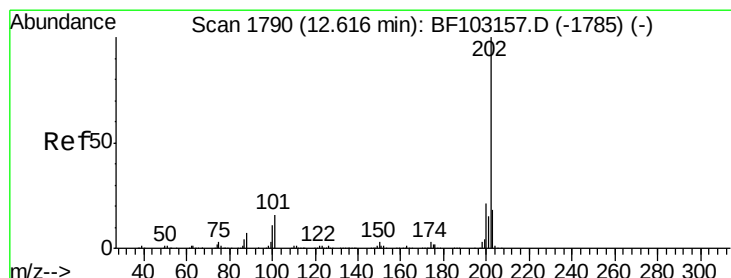
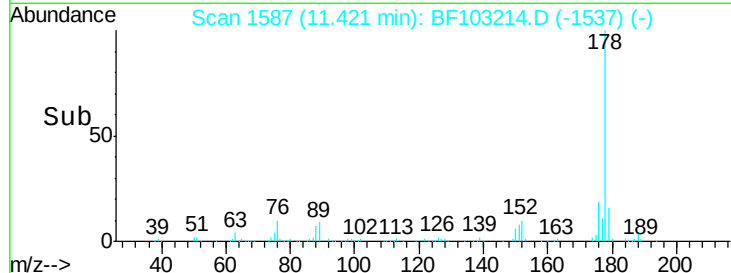
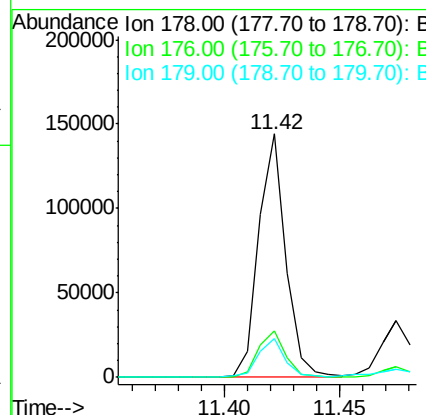
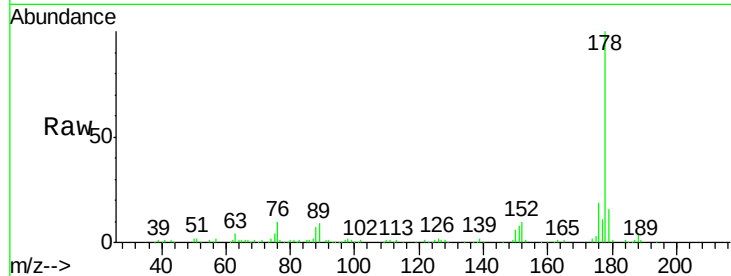
#70
Phenanthrene
Concen: 4.909 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF103214.D
Acq: 26 Feb 2018 13:14

Instrument :
BNA_F
ClientSampleId :
RT-4651

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.8	13.0	19.6

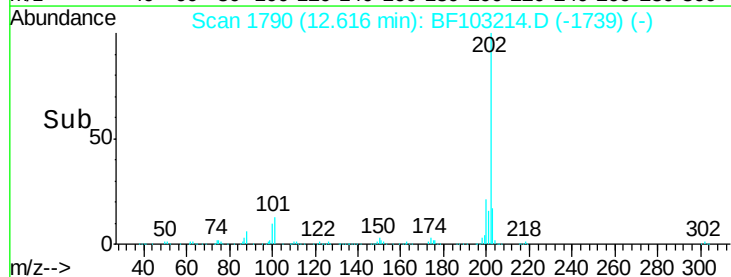
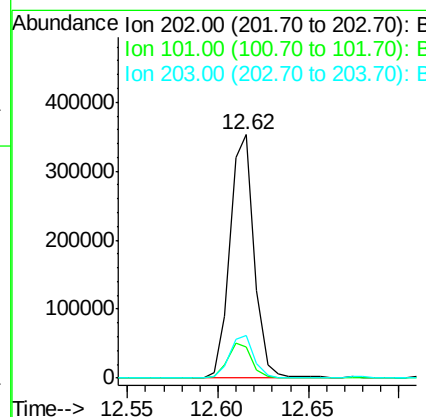
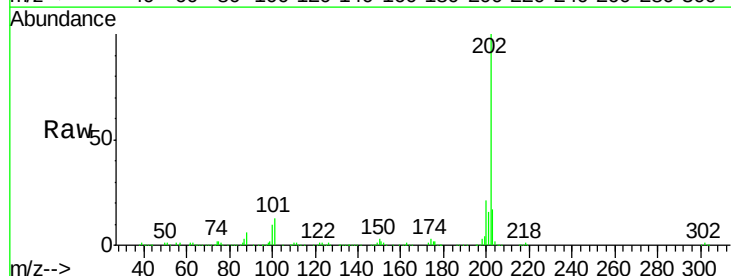
Manual Integrations
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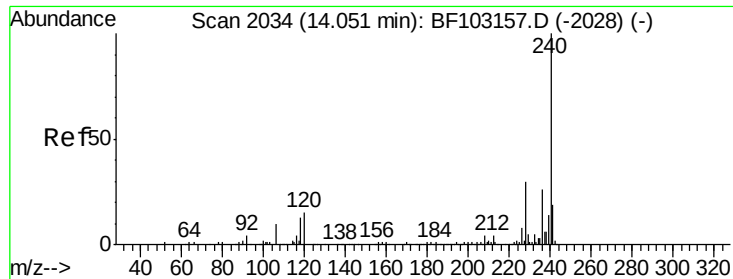
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#74
Fluoranthene
Concen: 13.509 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.00 min
Lab File: BF103214.D
Acq: 26 Feb 2018 13:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.1
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103214.D

Acq: 26 Feb 2018 13:14

Instrument :

BNA_F

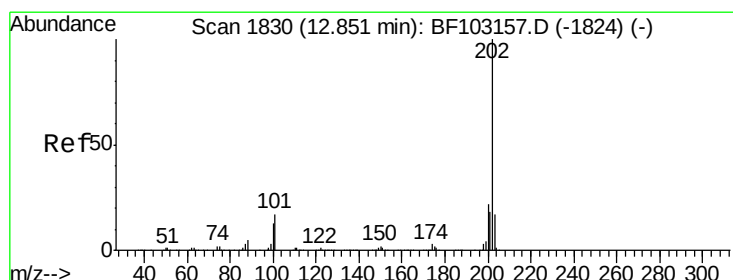
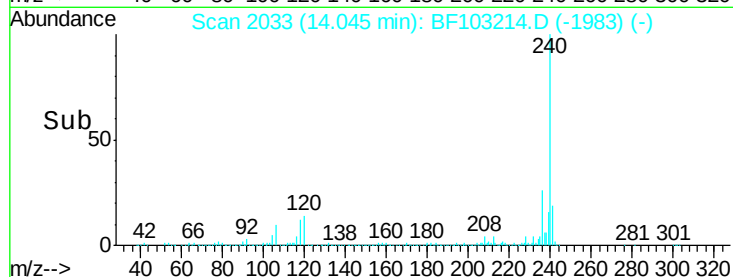
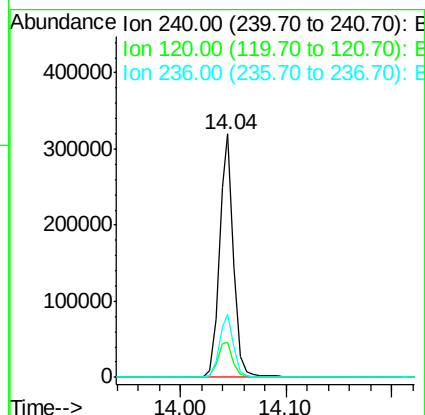
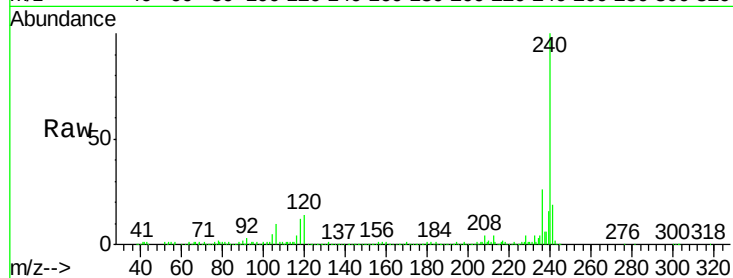
ClientSampleId :

RT-4651

Tot Ion	Ratio	Resp	Lower	Upper
240	100	300898		
120	14.2	9.5	14.3	
236	26.0	20.7	31.1	

Manual Integrations
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#77

Pyrene

Concen: 9.923 ng

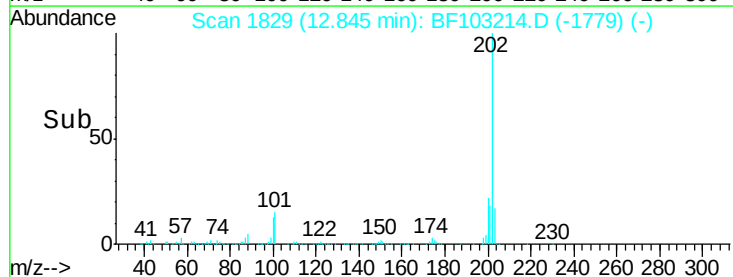
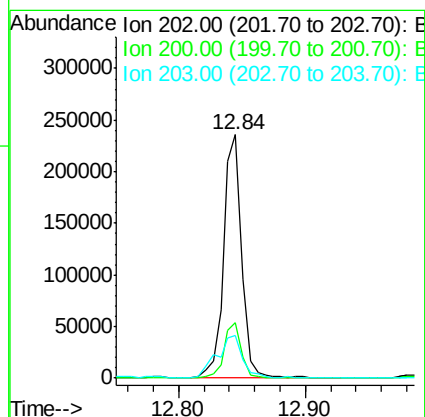
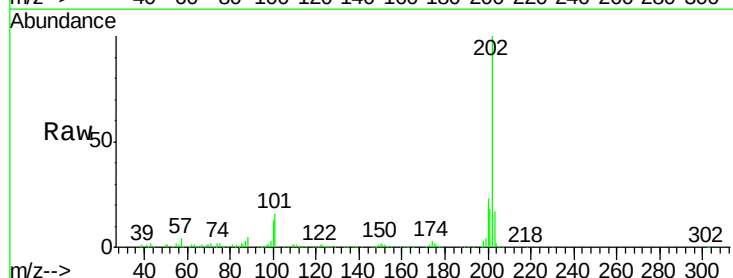
RT: 12.84 min Scan# 1829

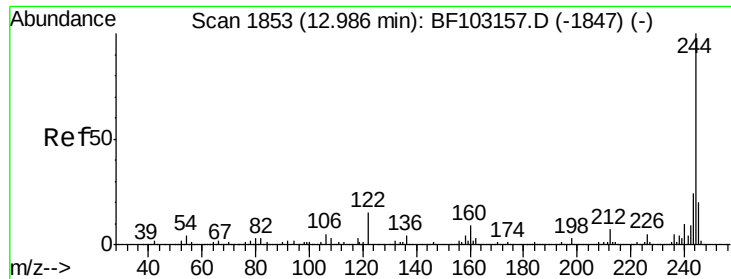
Delta R.T. -0.01 min

Lab File: BF103214.D

Acq: 26 Feb 2018 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	232795		
200	22.5	17.4	26.2	
203	17.4	14.3	21.5	





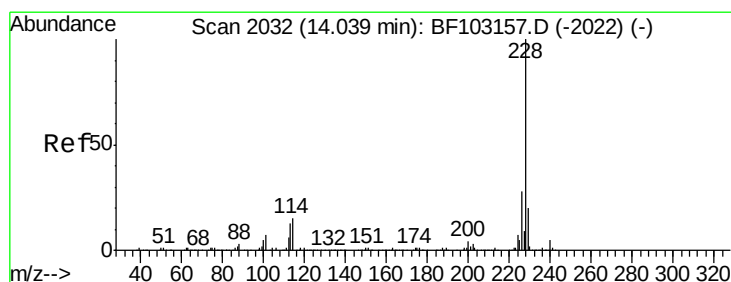
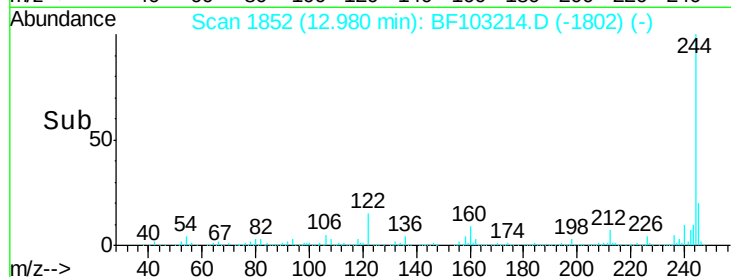
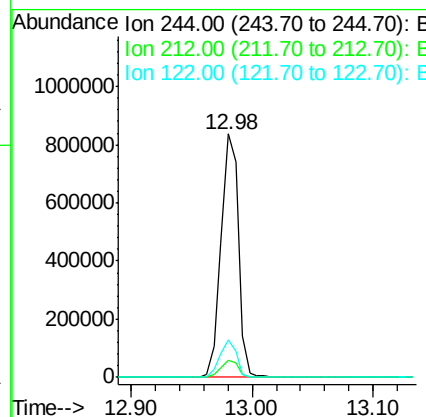
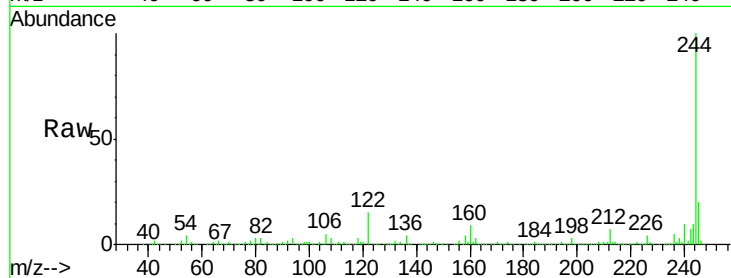
#78
 Terphenyl-d14
 Concen: 65.810 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103214.D
 Acq: 26 Feb 2018 13:14

Instrument :
 BNA_F
 ClientSampled :
 RT-4651

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	15.4	11.0	16.4

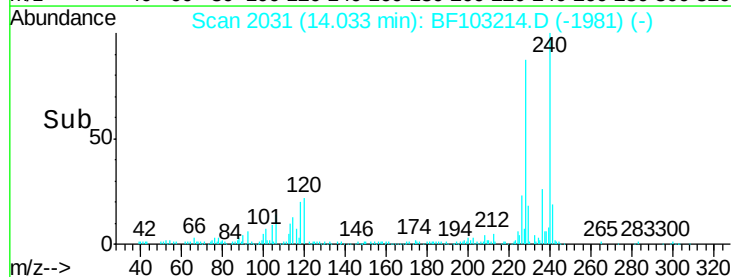
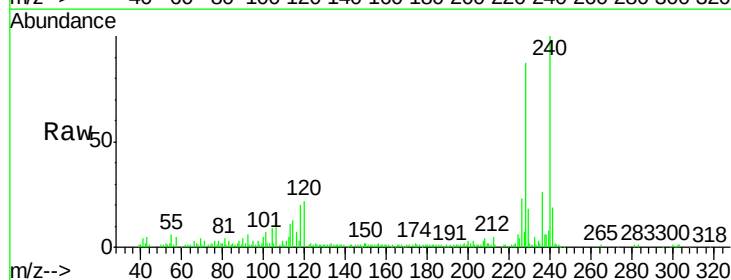
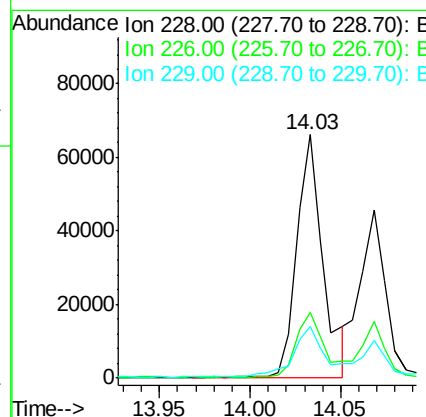
Manual Integrations
 APPROVED

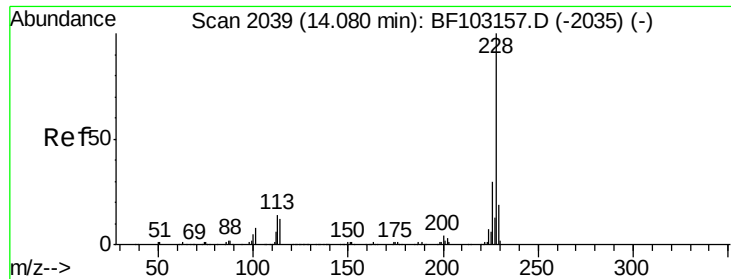
Sohil
 2/27/2018 12:22:35 PM



#80
 Benzo(a)anthracene
 Concen: 3.461 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF103214.D
 Acq: 26 Feb 2018 13:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	21.3	15.8	23.6





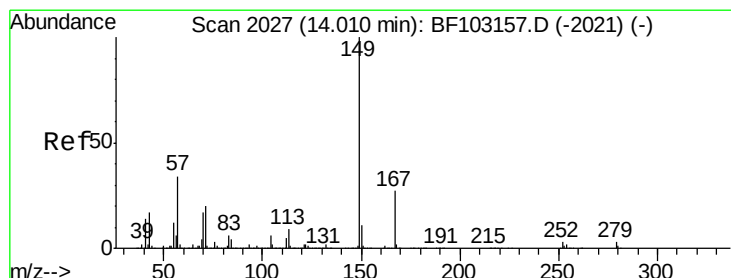
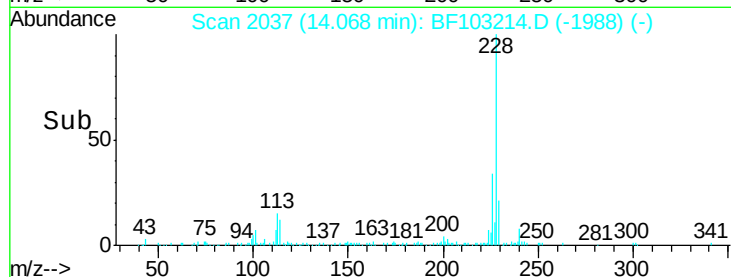
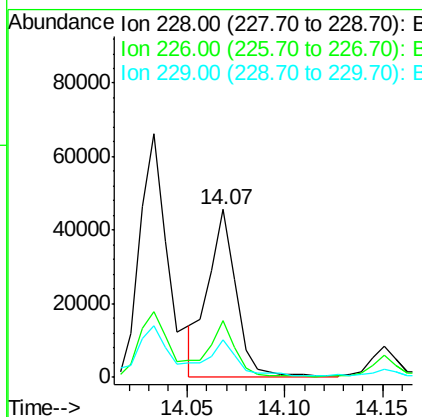
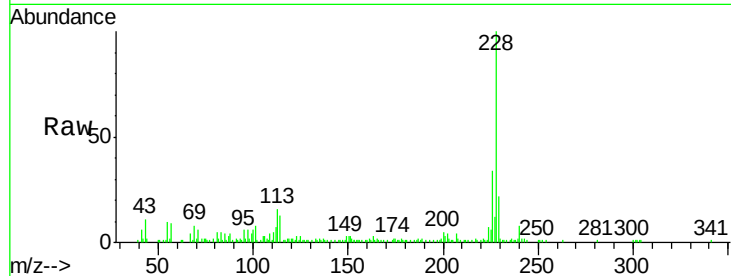
#82
Chrysene
Concen: 2.414 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF103214.D
Acq: 26 Feb 2018 13:14

Instrument :
BNA_F
ClientSampleId :
RT-4651

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.5	25.0	37.6
229	22.3	16.2	24.4

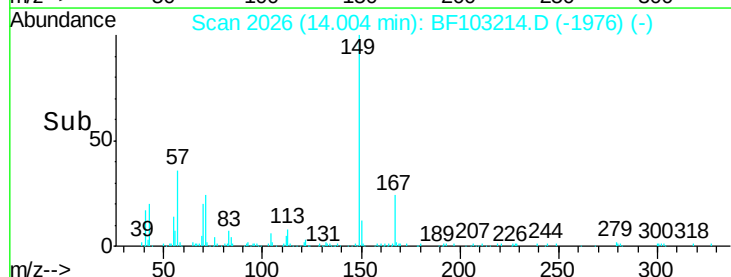
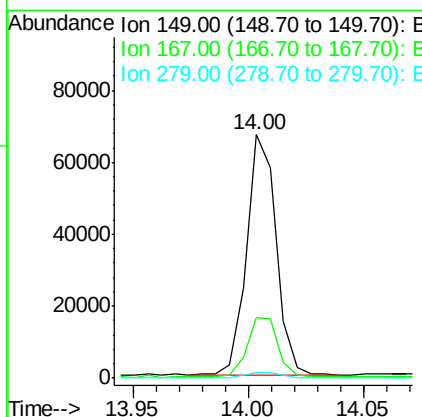
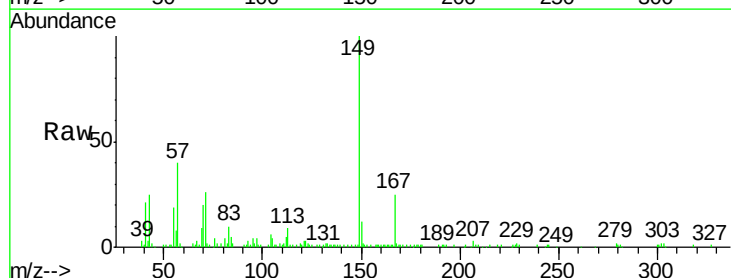
Manual Integrations
APPROVED

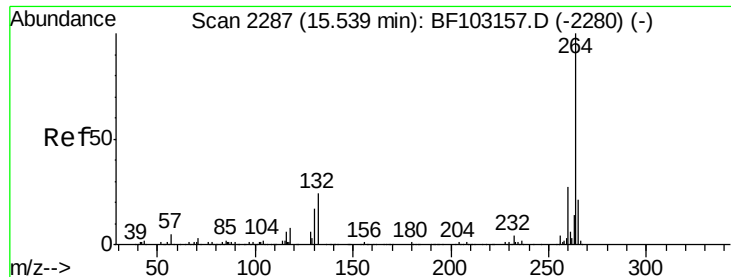
Sohil
2/27/2018 12:22:35 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 3.564 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF103214.D
Acq: 26 Feb 2018 13:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.7	21.3	31.9
279	2.4	3.0	4.4#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BF103214.D

Acq: 26 Feb 2018 13:14

Instrument :

BNA_F

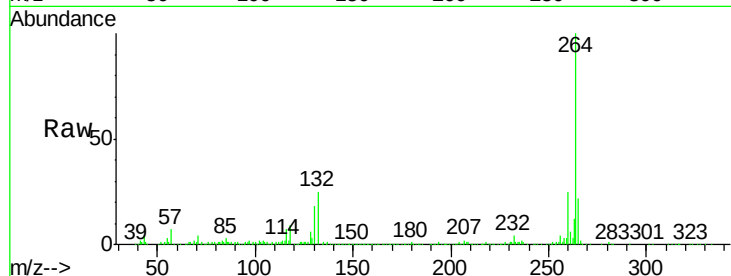
ClientSampleId :

RT-4651

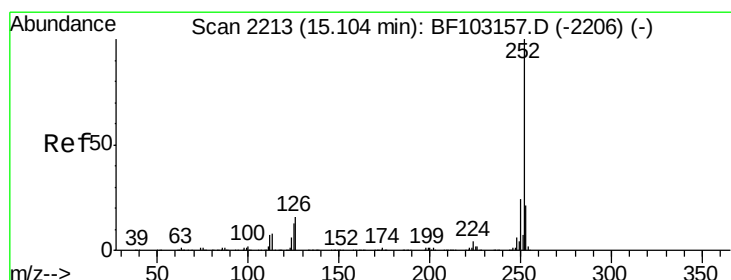
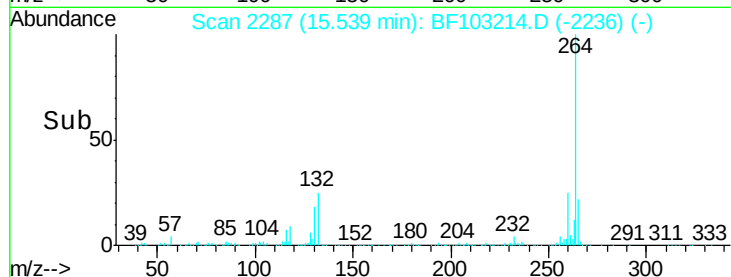
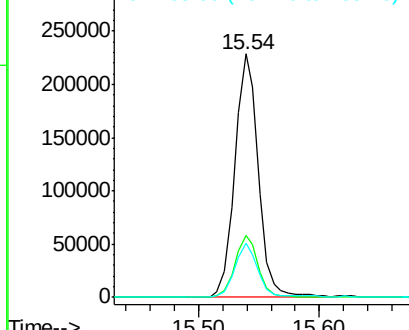
Tot Ion:	264	Resp:	310042
Ion Ratio		Lower	Upper
264	100		
260	25.5	19.2	28.8
265	22.2	17.5	26.3

Manual Integrations
APPROVED

Sohil
2/27/2018 12:22:35 PM



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: 2.459 ng m

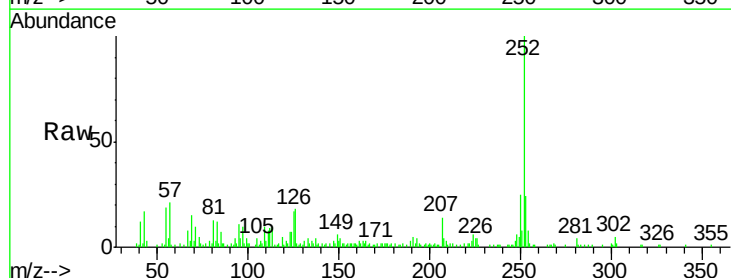
RT: 15.10 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BF103214.D

Acq: 26 Feb 2018 13:14

Tgt Ion:	252	Resp:	50133
Ion Ratio		Lower	Upper
252	100		
253	23.6	17.0	25.6
125	17.3	9.0	13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

