

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103276.D
 Acq On : 27 Feb 2018 21:07
 Operator : SJ/JU
 Sample : J1698-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B3

Manual Integrations
 APPROVED

Sohil
 2/28/2018 11:17:59 AM

Quant Time: Feb 28 01:19:38 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	160043	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	647686	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	246043	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	350102	20.00	ng	0.00
75) Chrysene-d12	14.06	240	258572	20.00	ng	0.00
86) Perylene-d12	15.56	264	179493	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1044662	98.72	ng	0.01
7) Phenol-d6	6.52	99	1235830	95.44	ng	0.00
23) Nitrobenzene-d5	7.44	82	756547	66.71	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	168661	80.99	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1121185	76.68	ng	0.00
78) Terphenyl-d14	12.99	244	750343	69.76	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	153248	7.764	ng	99
70) Phenanthrene	11.43	178	49993	2.595	ng	97
74) Fluoranthene	12.62	202	85474	4.415	ng	97
77) Pyrene	12.85	202	125018	6.201	ng	98
80) Benzo(a)anthracene	14.04	228	49118m	2.928	ng	
82) Chrysene	14.08	228	59529m	3.654	ng	
87) Benzo(b)fluoranthene	15.12	252	39468m	3.344	ng	
89) Benzo(a)pyrene	15.49	252	32400	3.074	ng	# 84
91) Benzo(g,h,i)perylene	17.54	276	17835	2.241	ng	# 80

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

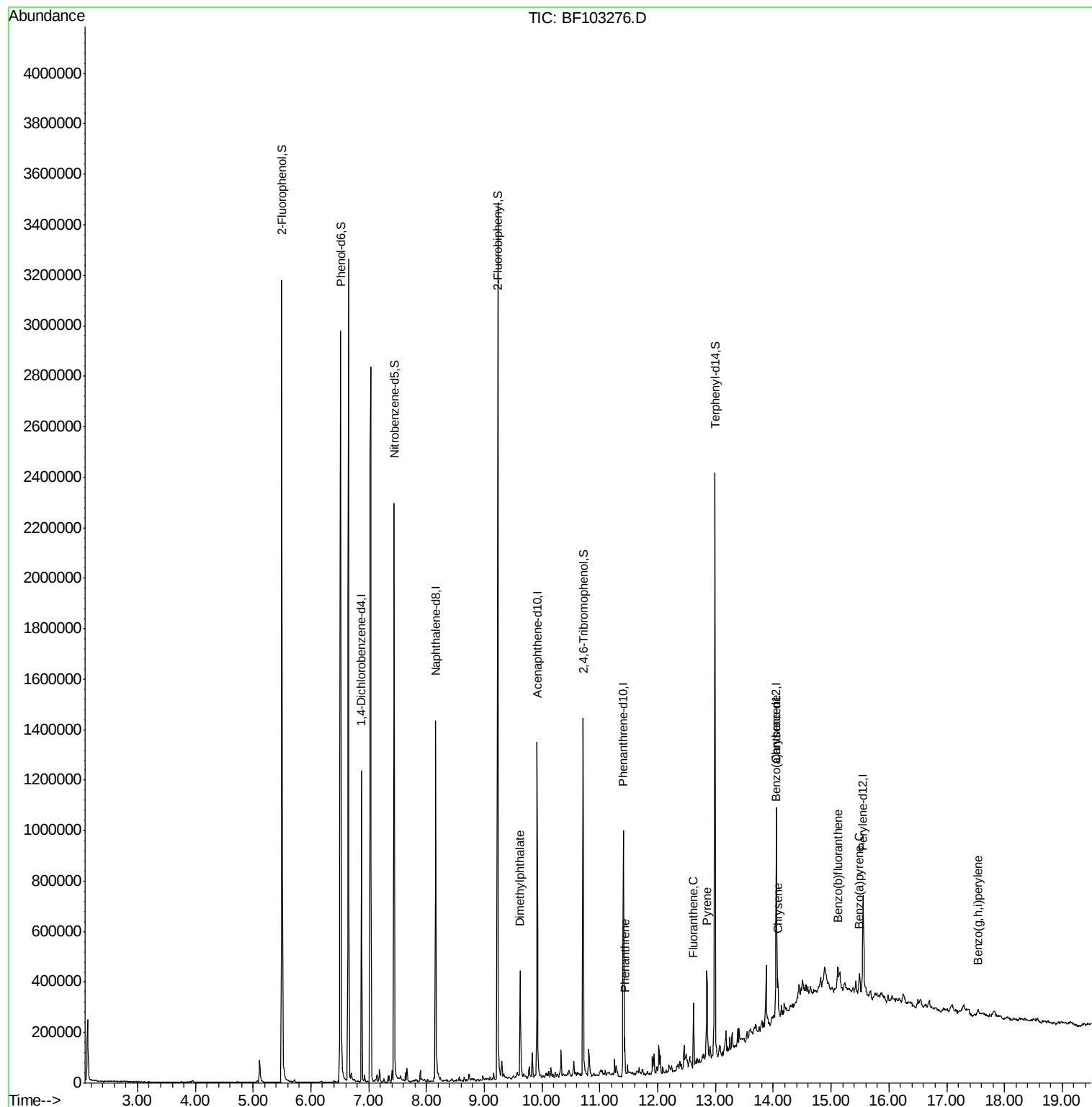
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103276.D
Acq On : 27 Feb 2018 21:07
Operator : SJ/JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

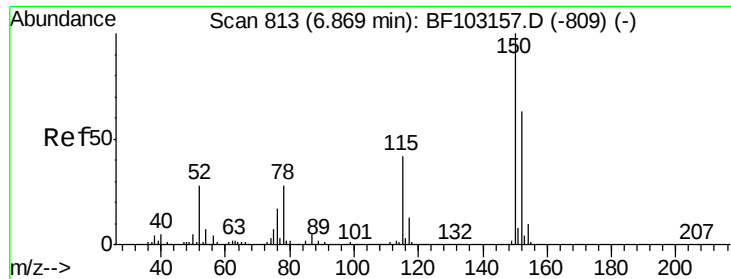
Instrument :
BNA_F
ClientSampled :
B3

Manual Integrations
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Quant Time: Feb 28 01:19:38 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration





#1

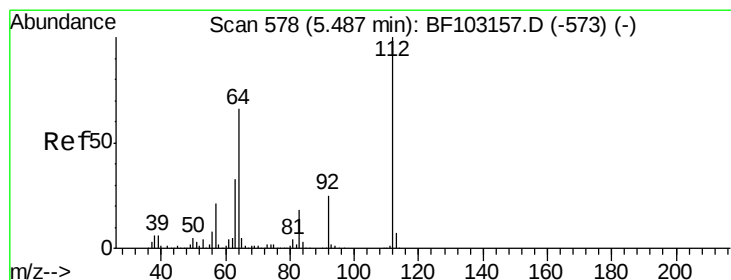
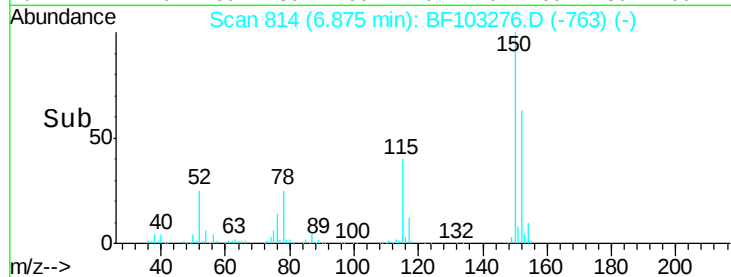
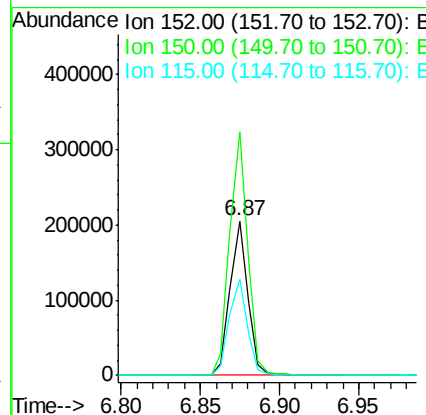
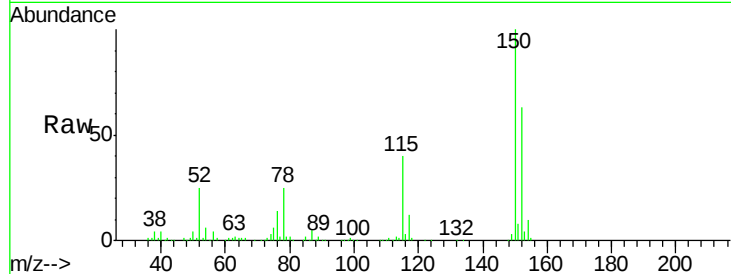
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103276.D
Acq: 27 Feb 2018 21:07

Instrument :
BNA_F
ClientSampled :
B3

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	62.6	50.1	75.1

Manual Integrations
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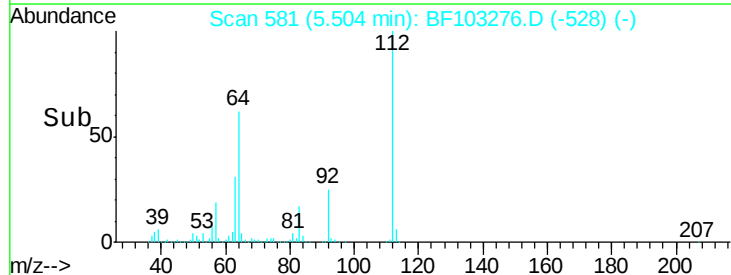
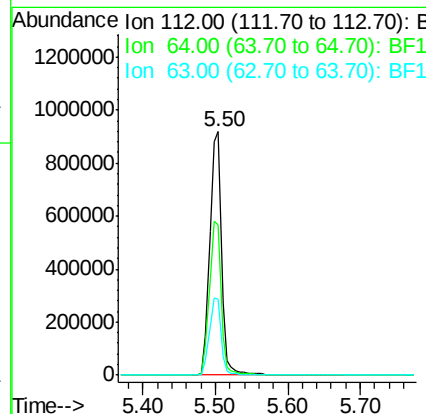
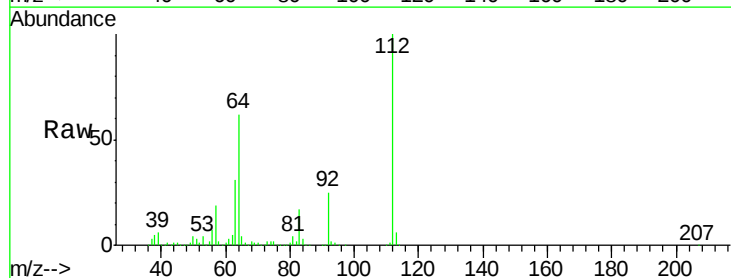
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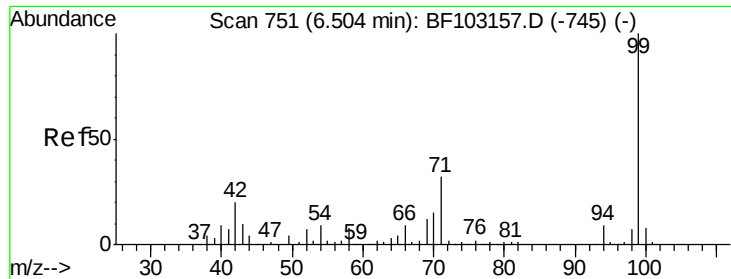


#5

2-Fluorophenol
Concen: 98.722 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103276.D
Acq: 27 Feb 2018 21:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	47.9	71.9
63	31.0	23.7	35.5





#7

Phenol-d6

Concen: 95.442 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103276.D

Acq: 27 Feb 2018 21:07

Instrument :

BNA_F

ClientSampled :

B3

Tot Ion: 99 Resp: 1235830

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

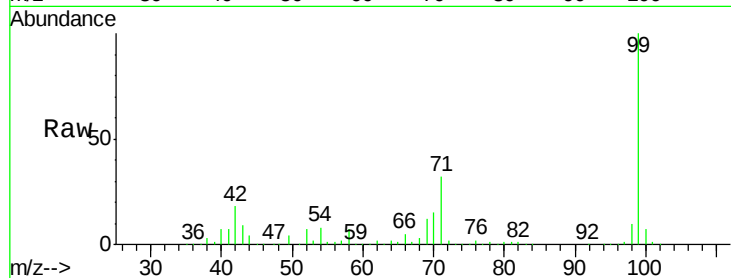
71 31.7 25.4 38.0

Manual Integrations

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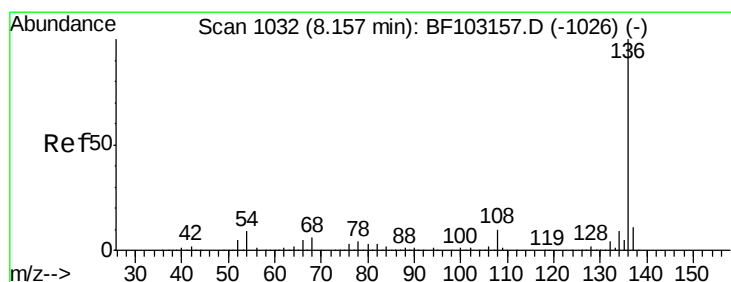
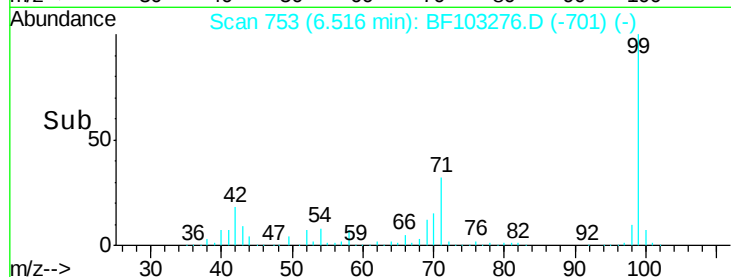
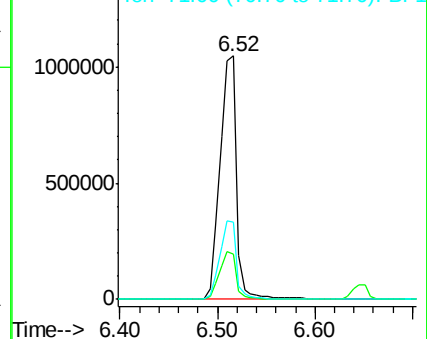
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: BF103276.D

Acq: 27 Feb 2018 21:07

Tgt Ion: 136 Resp: 647686

Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.9 6.6 9.8#

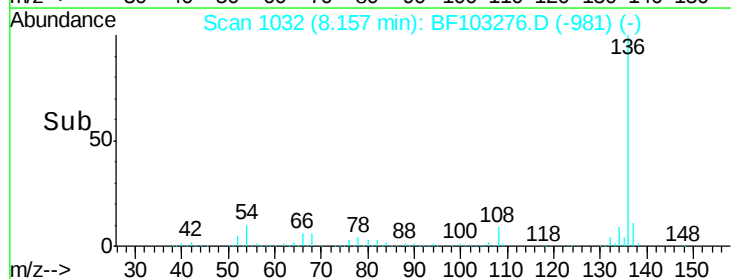
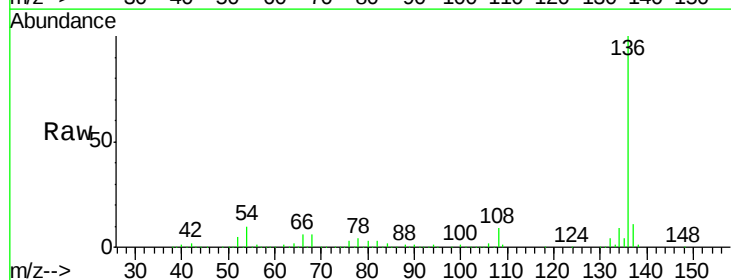
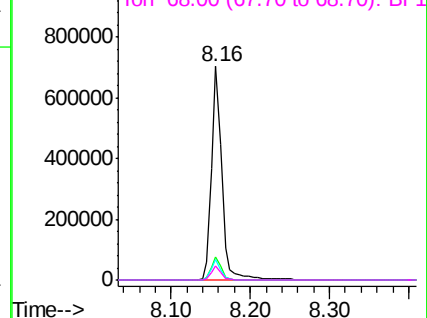
68 6.5 5.0 7.4

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





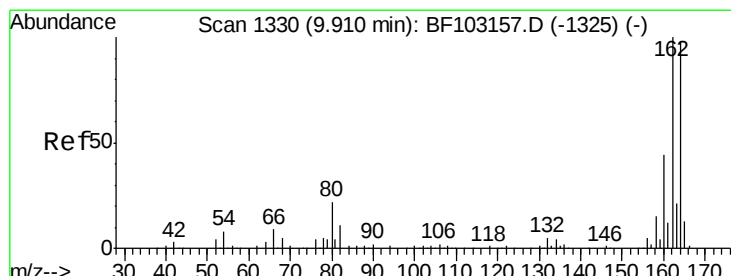
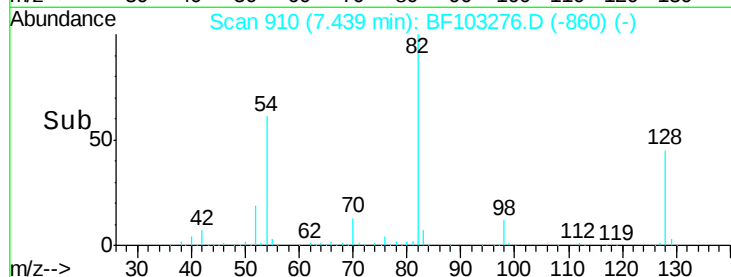
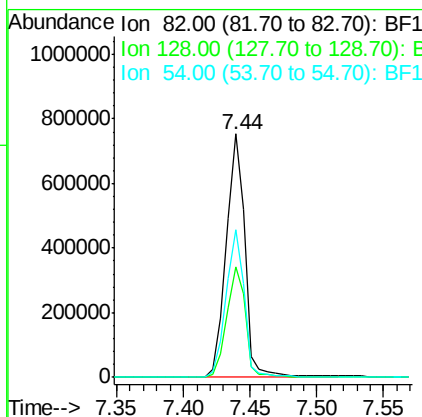
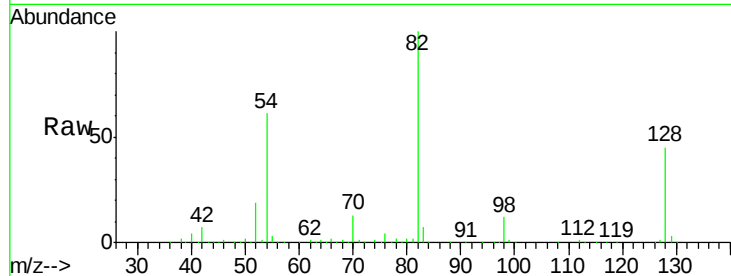
#23
 Nitrobenzene-d5
 Concen: 66.707 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103276.D
 Acq: 27 Feb 2018 21:07

Instrument :
 BNA_F
 ClientSampled :
 B3

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.2	36.1	54.1	
54	60.8	41.4	62.2	

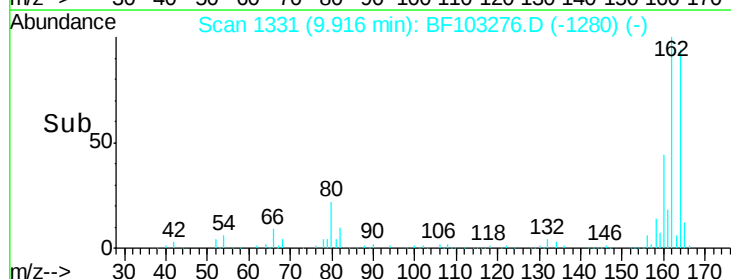
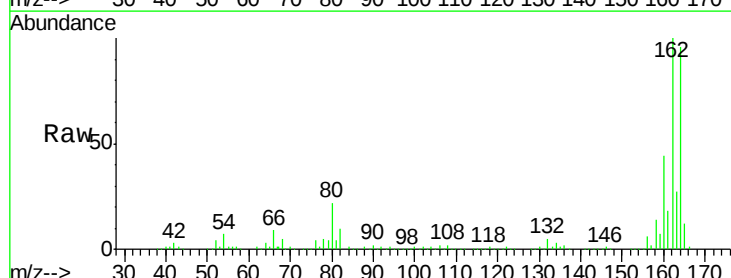
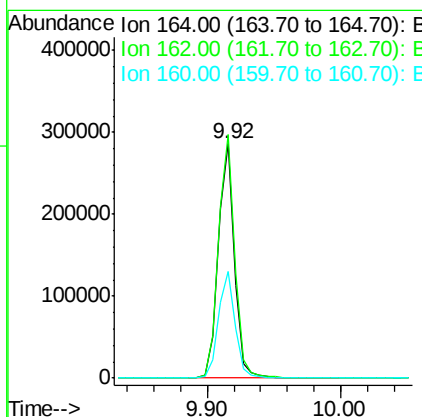
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF103276.D
 Acq: 27 Feb 2018 21:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.8	86.1	129.1	
160	45.5	38.3	57.5	





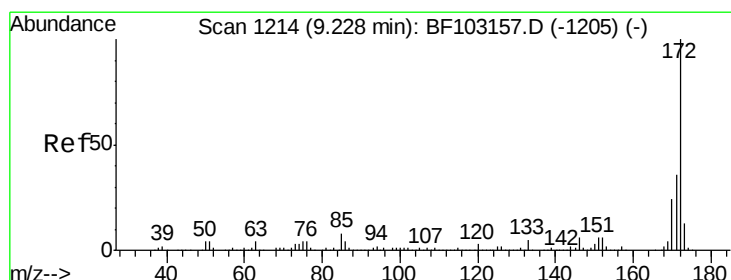
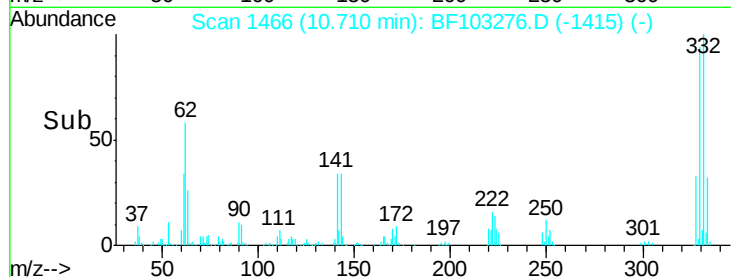
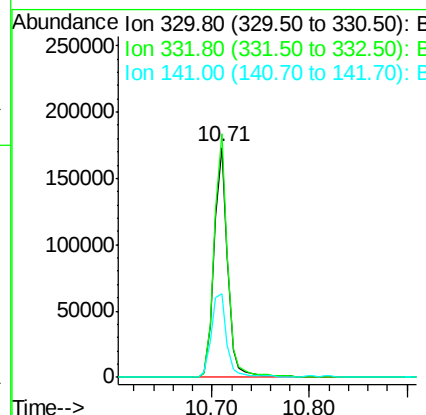
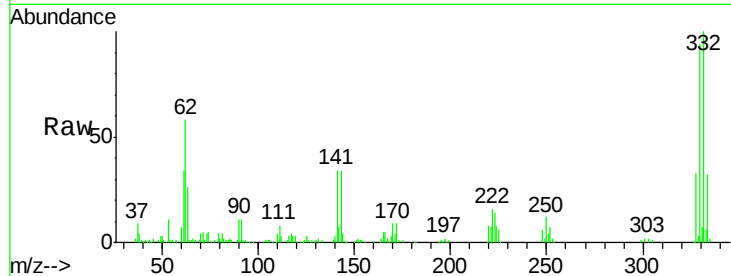
#41
 2,4,6-Tribromophenol
 Concen: 80.985 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103276.D
 Acq: 27 Feb 2018 21:07

Instrument :
 BNA_F
 ClientSampled :
 B3

Tot Ion	Ratio	Lower	Upper
330	100		
332	104.4	77.0	115.6
141	41.4	29.9	44.9

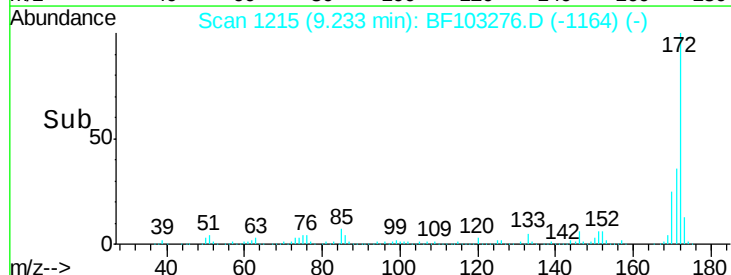
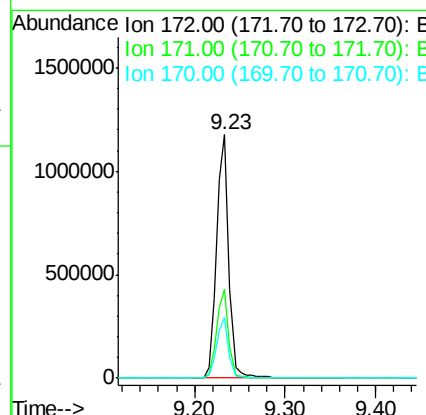
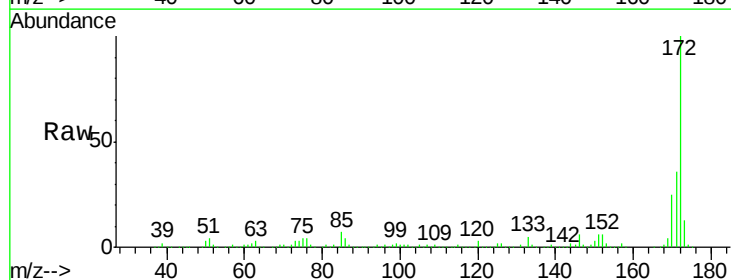
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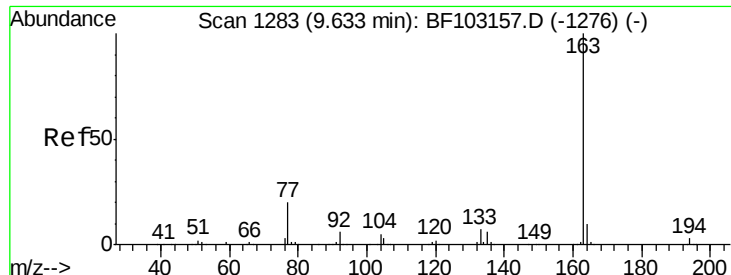
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#44
 2-Fluorobiphenyl
 Concen: 76.676 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103276.D
 Acq: 27 Feb 2018 21:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.7	19.6	29.4





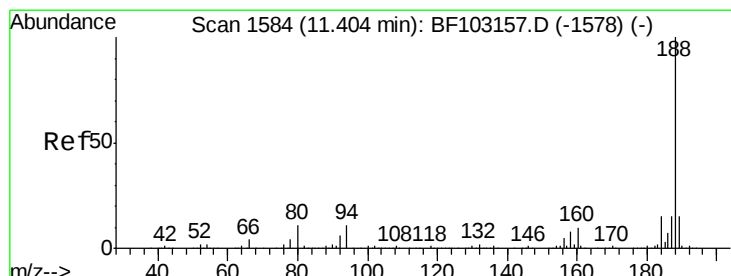
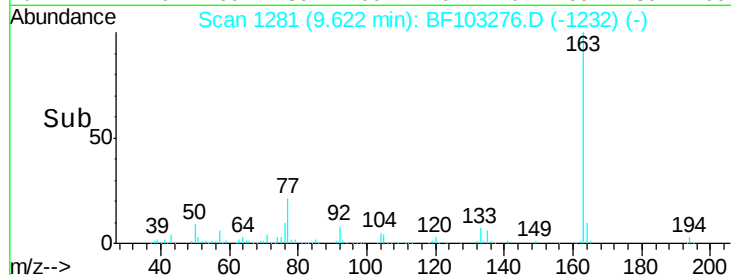
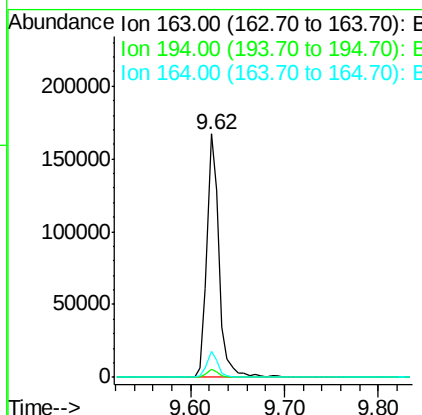
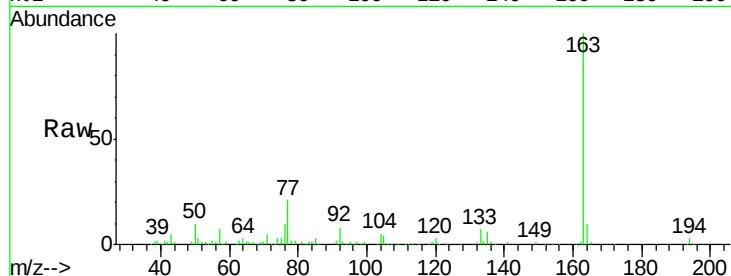
#49
Dimethylphthalate
Concen: 7.764 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103276.D
Acq: 27 Feb 2018 21:07

Instrument :
BNA_F
ClientSampled :
B3

Tot Ion	Ratio	Resp	Lower	Upper
163	100	153248		
194	3.2		2.7	4.1
164	10.5		8.2	12.2

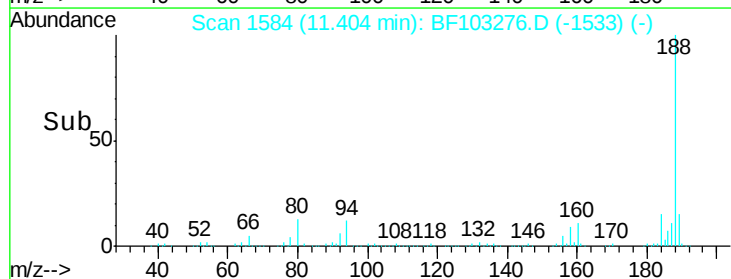
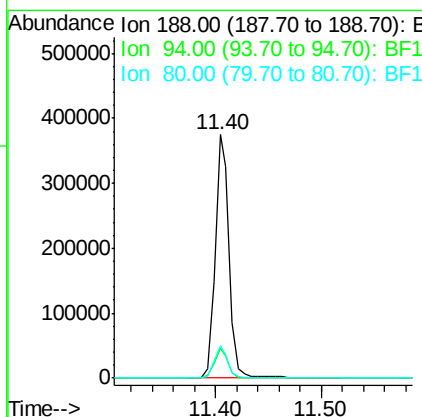
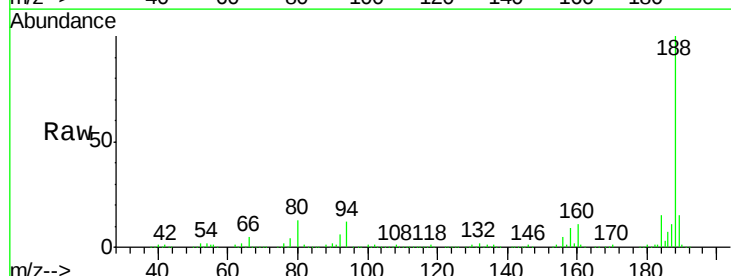
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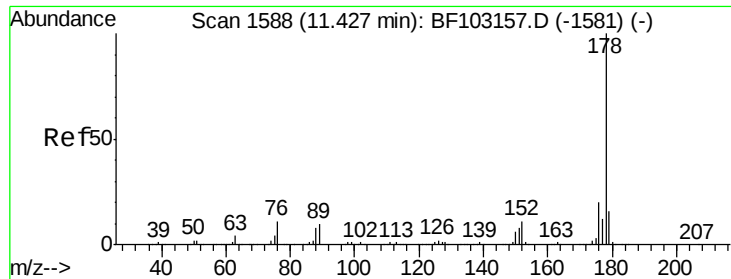
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103276.D
Acq: 27 Feb 2018 21:07

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	350102		
94	12.2		8.5	12.7
80	13.3		9.2	13.8





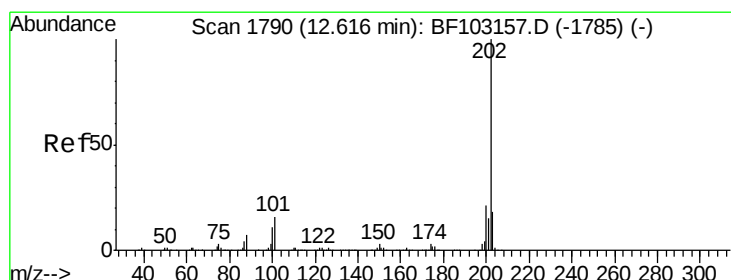
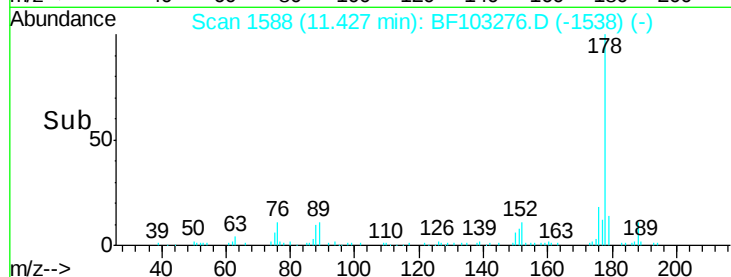
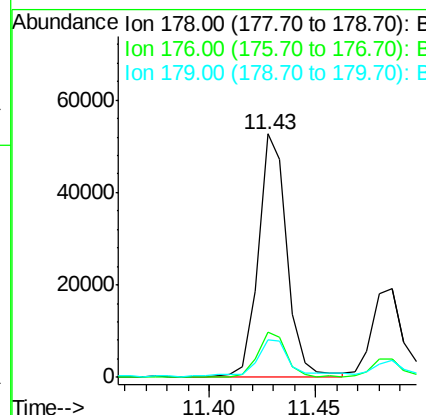
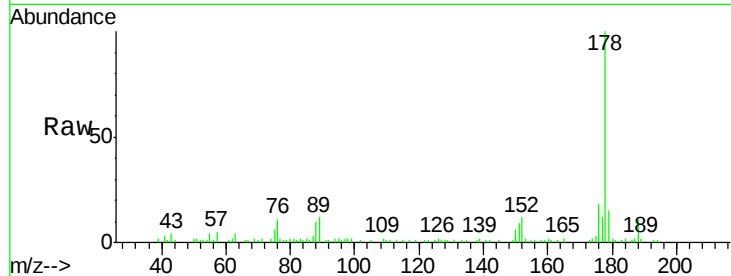
#70
Phenanthrene
Concen: 2.595 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103276.D
Acq: 27 Feb 2018 21:07

Instrument :
BNA_F
ClientSampleId :
B3

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.5	13.0	19.6

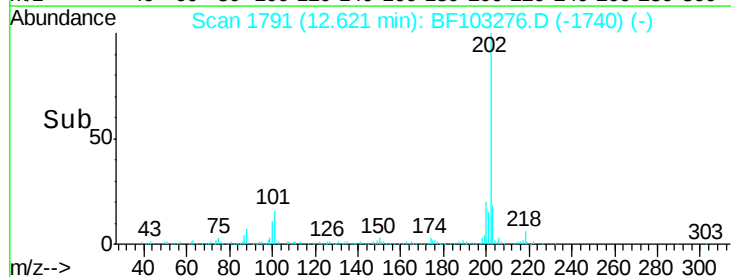
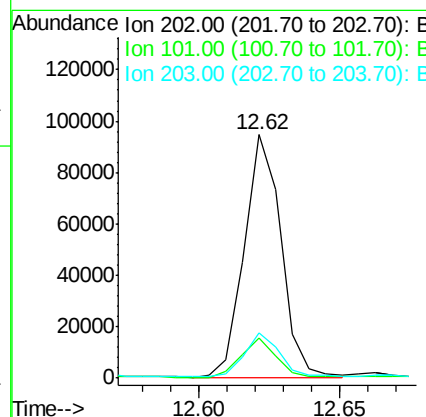
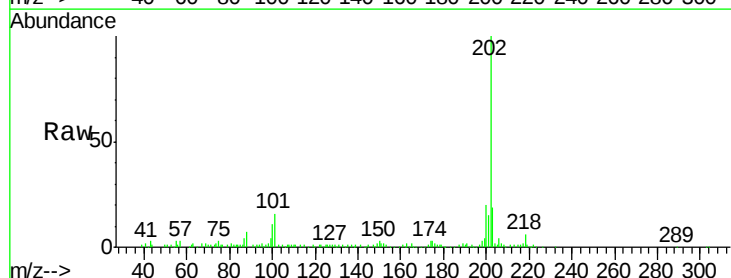
Manual Integrations
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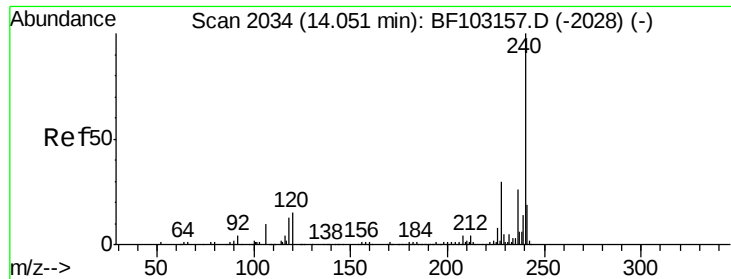
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#74
Fluoranthene
Concen: 4.415 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BF103276.D
Acq: 27 Feb 2018 21:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.2	0.0	34.1
203	18.6	0.0	38.1





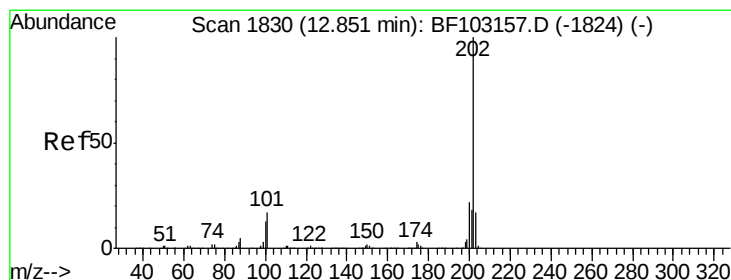
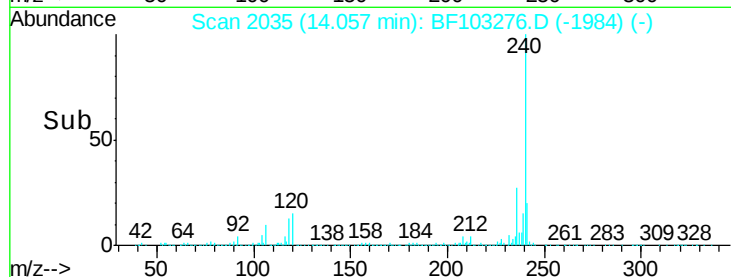
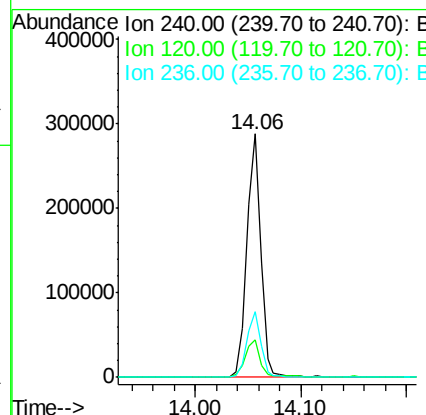
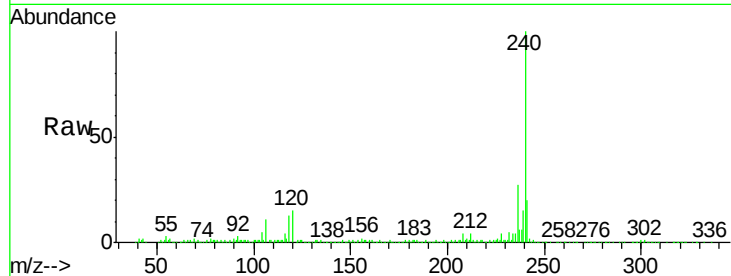
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF103276.D
Acq: 27 Feb 2018 21:07

Instrument :
BNA_F
ClientSampled :
B3

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	15.3	9.5	14.3#
236	27.2	20.7	31.1

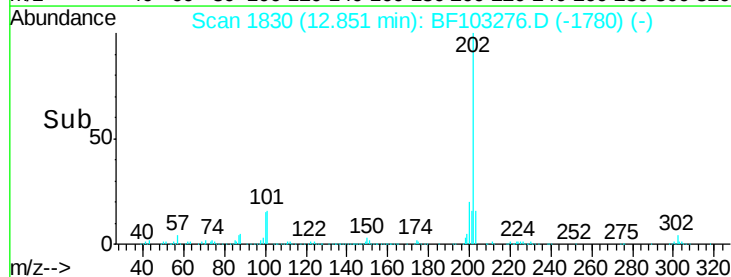
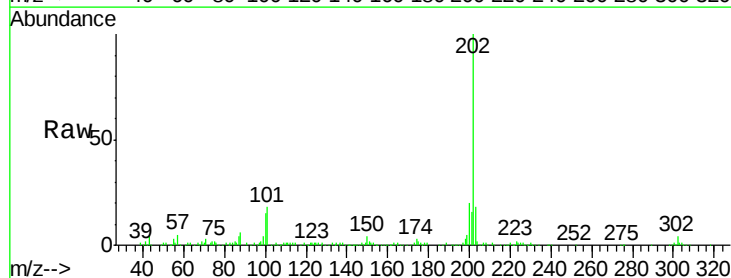
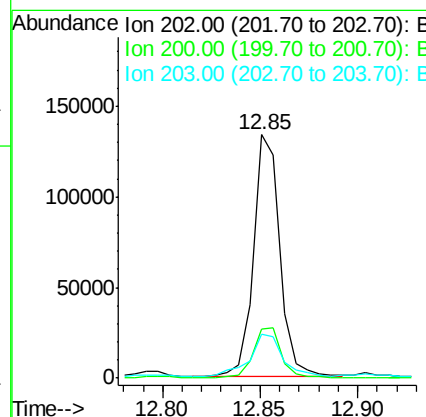
Manual Integrations
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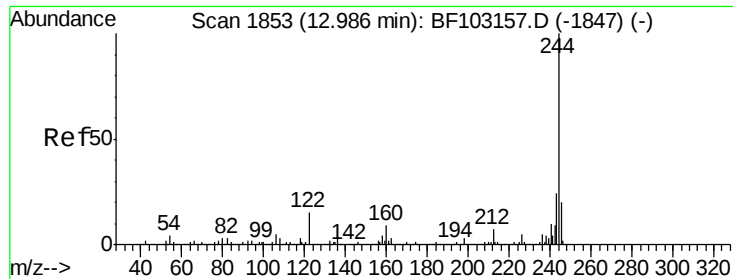
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#77
Pyrene
Concen: 6.201 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103276.D
Acq: 27 Feb 2018 21:07

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	20.2	17.4	26.2
203	17.9	14.3	21.5





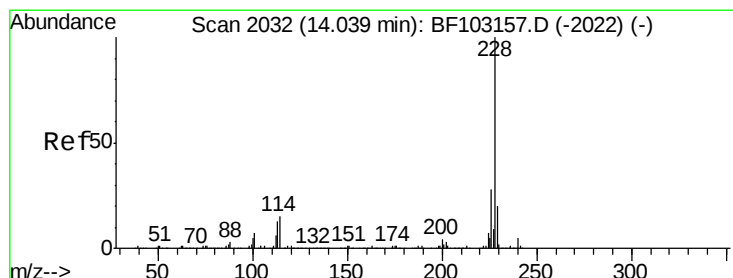
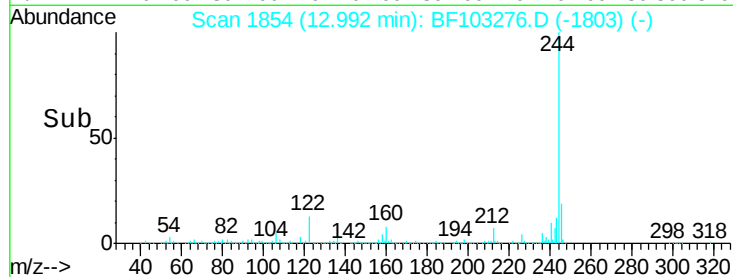
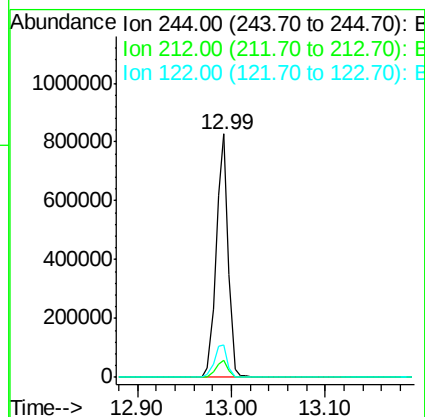
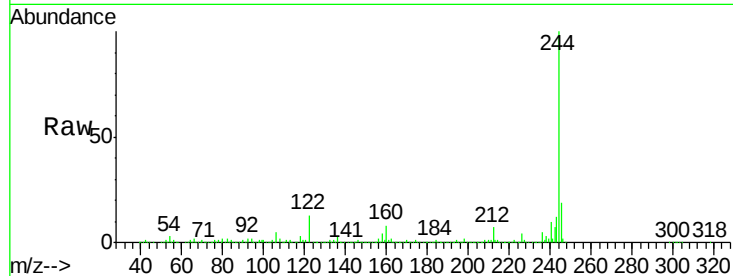
#78
 Terphenyl-d14
 Concen: 69.757 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: BF103276.D
 Acq: 27 Feb 2018 21:07

Instrument :
 BNA_F
 ClientSampled :
 B3

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.4	11.0	16.4

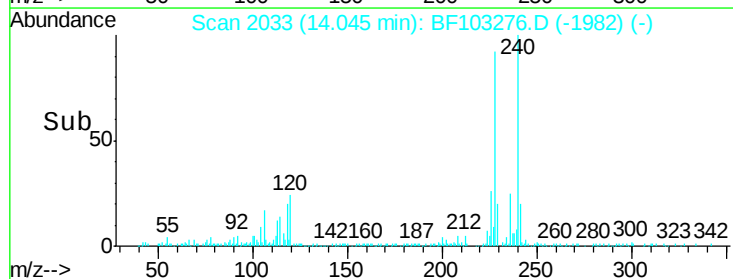
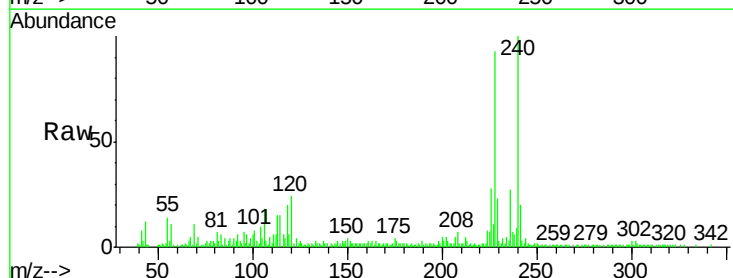
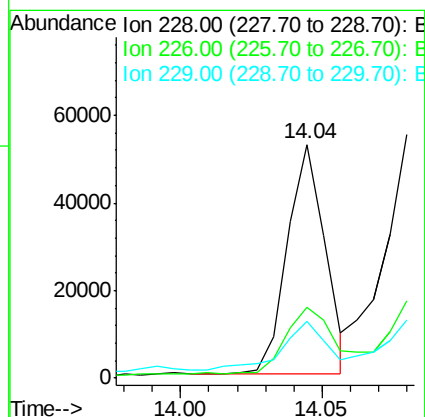
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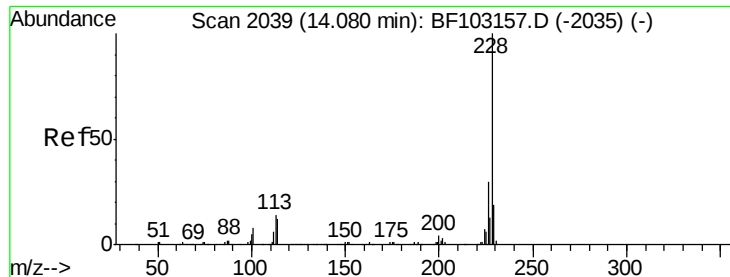
Sohil
 2/28/2018 11:17:59 AM



#80
 Benzo(a)anthracene
 Concen: 2.928 ng m
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BF103276.D
 Acq: 27 Feb 2018 21:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	24.4	15.8	23.6





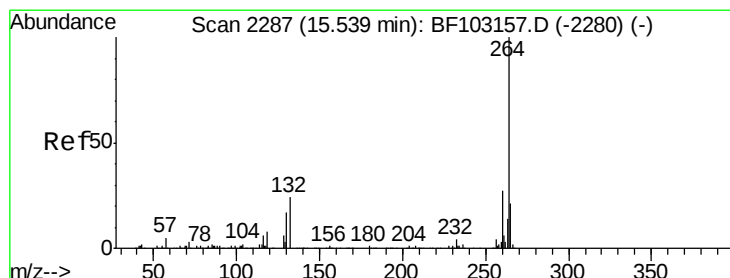
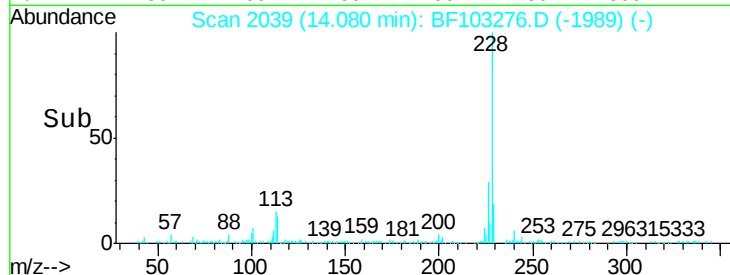
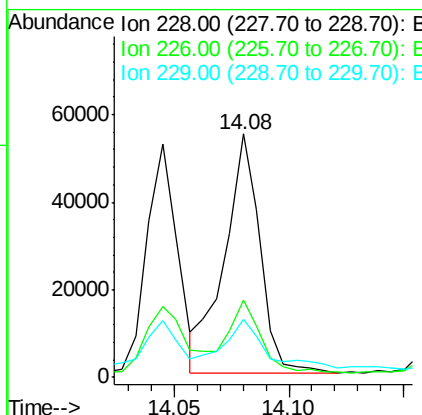
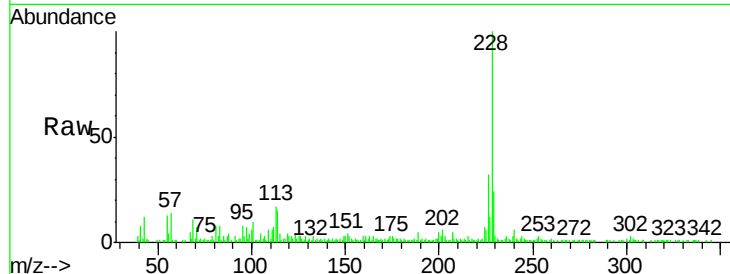
#82
Chrysene
Concen: 3.654 ng/mL
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103276.D
Acq: 27 Feb 2018 21:07

Instrument :
BNA_F
ClientSampled :
B3

Tot Ion:	228	Resp:	59529
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.0	37.6
229	23.9	16.2	24.4

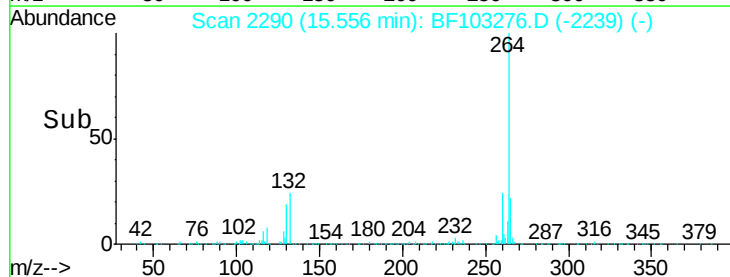
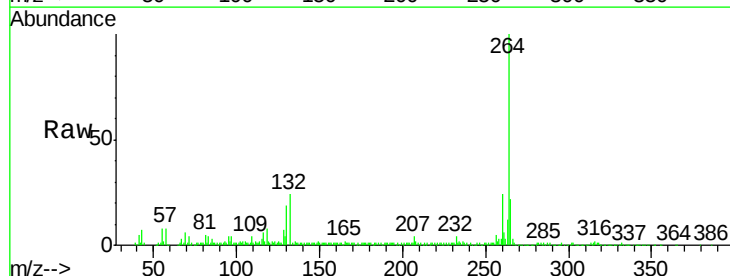
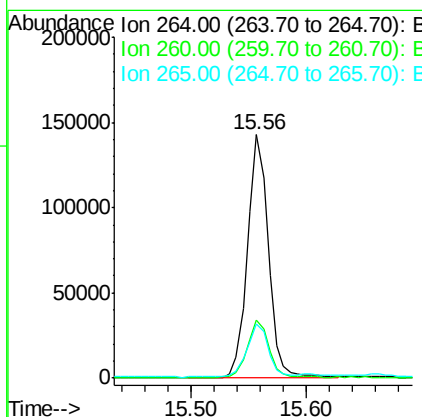
Manual Integrations
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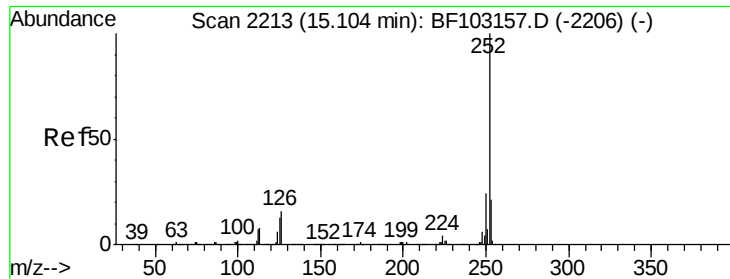
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BF103276.D
Acq: 27 Feb 2018 21:07

Tgt Ion:	264	Resp:	179493
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	22.2	17.5	26.3





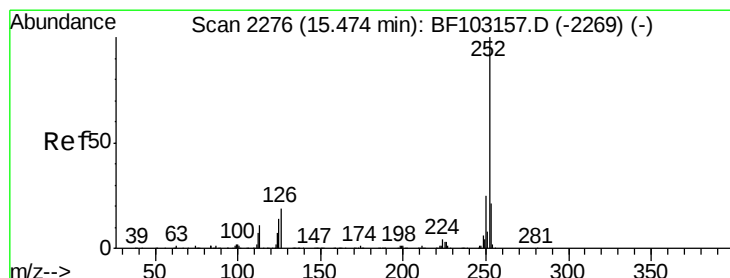
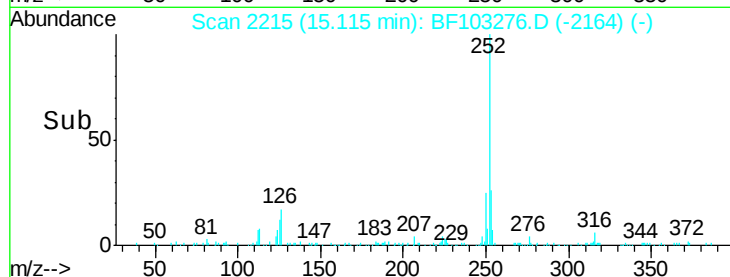
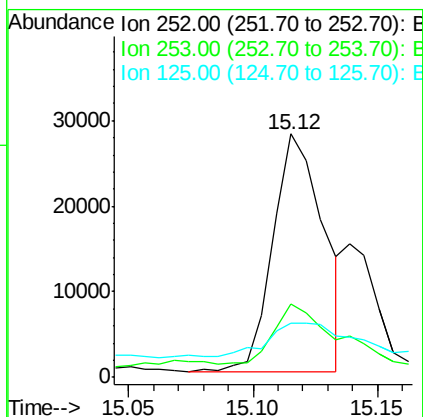
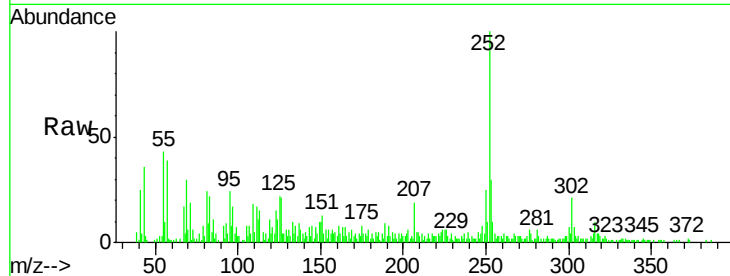
#87
Benzo(b)fluoranthene
Concen: 3.344 ng m
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF103276.D
Acq: 27 Feb 2018 21:07

Instrument :
BNA_F
ClientSampled :
B3

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.1	17.0	25.6#
125	22.1	9.0	13.6#

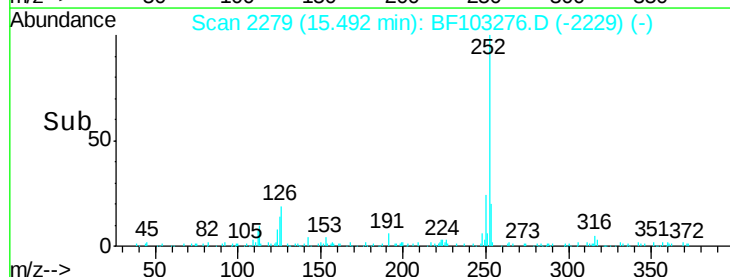
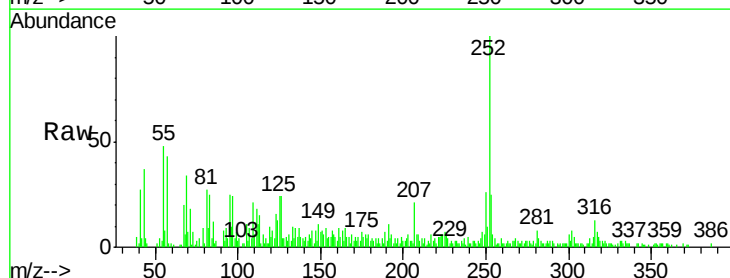
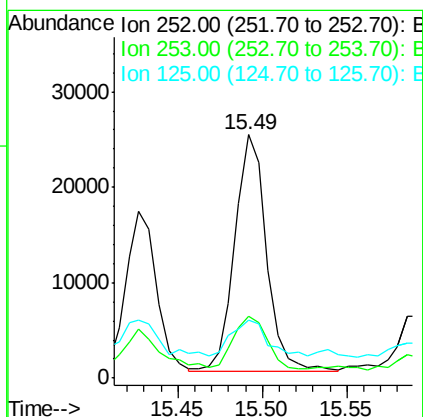
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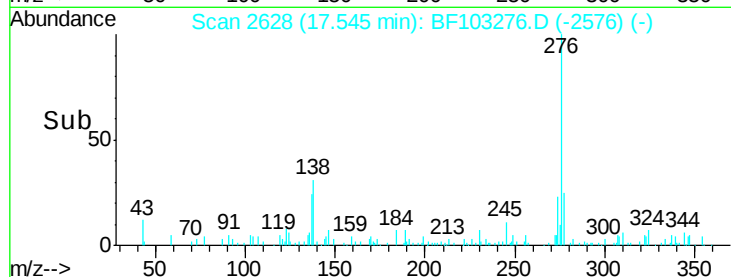
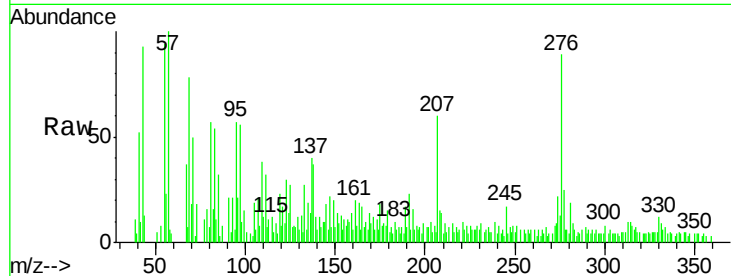
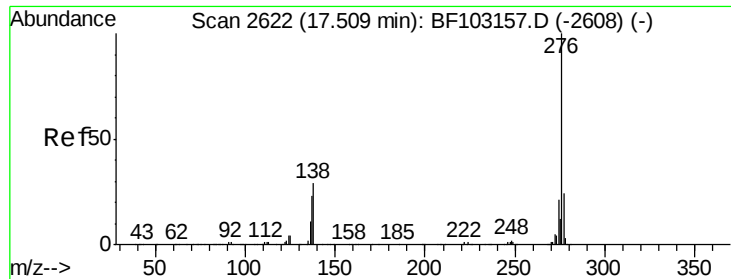
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#89
Benzo(a)pyrene
Concen: 3.074 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF103276.D
Acq: 27 Feb 2018 21:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.1	25.7
125	23.6	9.8	14.6#





#91

Benzo(a,h,i)perylene

Concen: 2.241 ng

RT: 17.54 min Scan# 2628

Delta R.T. 0.01 min

Lab File: BF103276.D

Acq: 27 Feb 2018 21:07

Instrument :

BNA_F

ClientSampleId :

B3

Tot Ion: 276 Resp: 17835

Ion Ratio Lower Upper

276 100

277 27.7 17.9 26.9#

138 41.9 21.8 32.8#

Manual Integrations
APPROVED

Sohil
2/28/2018 11:17:59 AM

