

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021618\
 Data File : BF103065.D
 Acq On : 16 Feb 2018 20:59
 Operator : SJ/JU
 Sample : J1539-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12-ST-LATERAL-LINE-1-NW@5

Manual Integrations
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Sohil
 2/19/2018 11:09:56 AM

Quant Time: Feb 16 23:56:32 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	171424	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	676321	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	264420	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	395779	20.00	ng	0.00
75) Chrysene-d12	14.04	240	299305	20.00	ng	-0.01
86) Perylene-d12	15.53	264	239160	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1217465	107.86	ng	0.01
7) Phenol-d6	6.51	99	1444023	106.25	ng	0.00
23) Nitrobenzene-d5	7.44	82	888318	91.12	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	221513	104.08	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1089867	68.39	ng	0.00
78) Terphenyl-d14	12.99	244	868266	68.69	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.52	94	114423	7.856	ng	95
31) Naphthalene	8.18	128	72067	2.181	ng	99
49) Dimethylphthalate	9.62	163	112621	5.462	ng	97
57) Fluorene	10.46	166	47294	2.832	ng	99
70) Phenanthrene	11.43	178	265907	12.063	ng	99
71) Anthracene	11.48	178	95312	4.251	ng	98
74) Fluoranthene	12.62	202	269069	12.133	ng	98
77) Pyrene	12.85	202	221671	9.445	ng	99
80) Benzo(a)anthracene	14.04	228	105379	5.598	ng	96
82) Chrysene	14.07	228	86607	4.564	ng	95
85) Indeno(1,2,3-cd)pyrene	17.03	276	31794	2.020	ng	# 93
87) Benzo(b)fluoranthene	15.10	252	96273m	6.209	ng	
89) Benzo(a)pyrene	15.47	252	68005	4.872	ng	# 90
91) Benzo(g,h,i)perylene	17.49	276	31253	2.819	ng	98

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

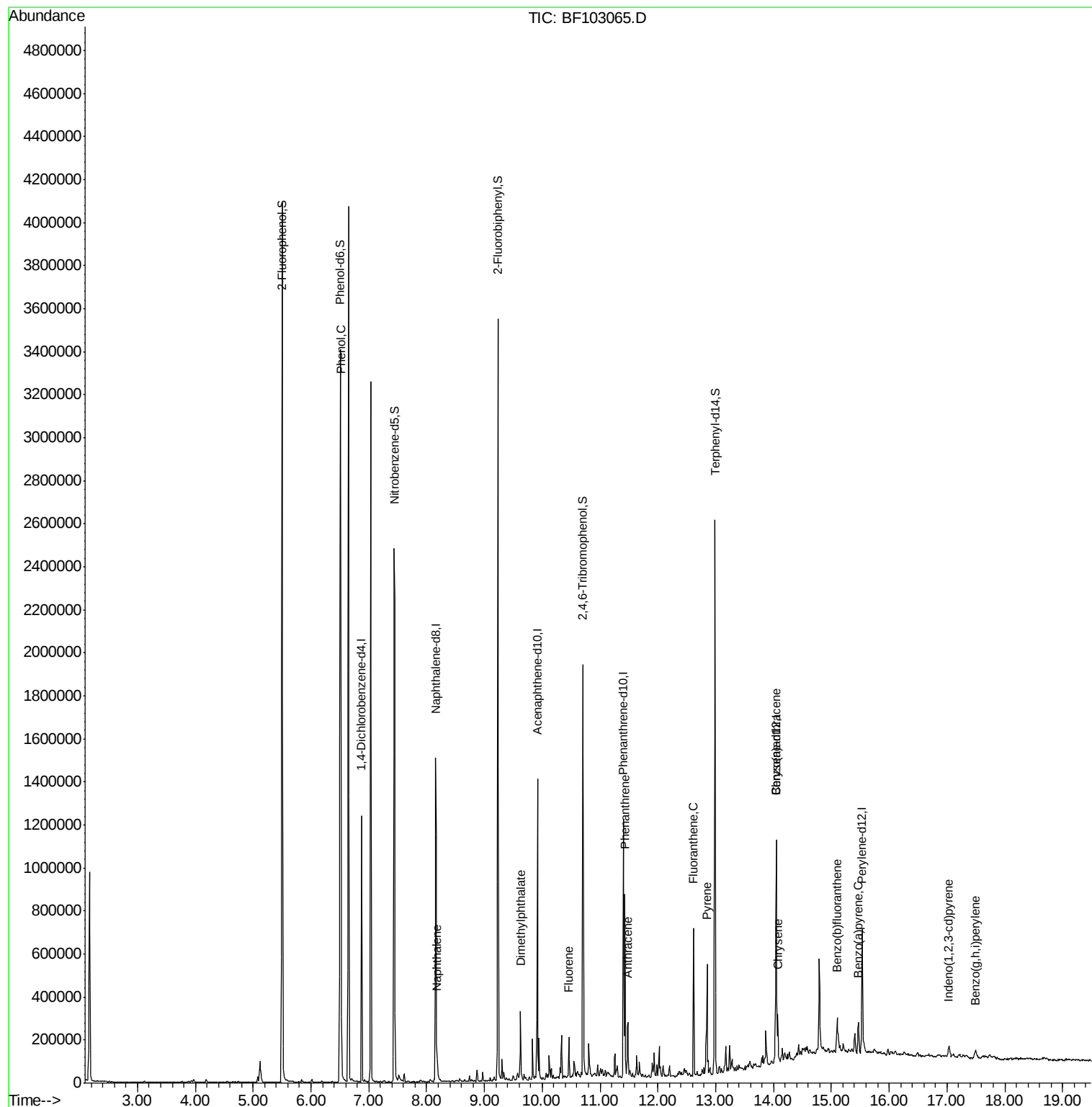
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103065.D
Acq On : 16 Feb 2018 20:59
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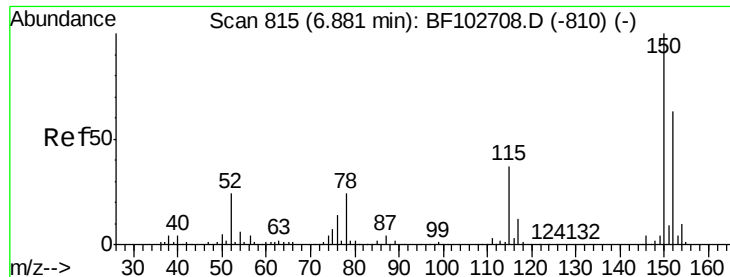
Instrument :
BNA_F
ClientSampleId :
12-ST-LATERAL-LINE-1-NW@5

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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#1

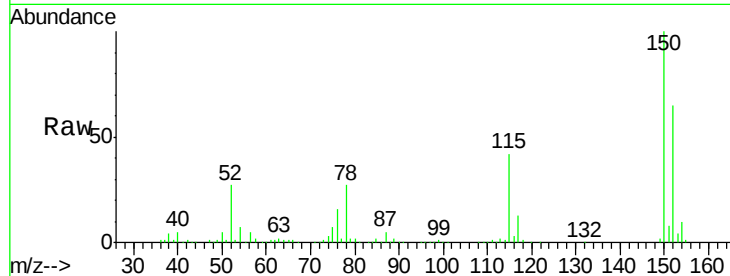
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Instrument :
BNA_F
ClientSampleId :
12-ST-LATERAL-LINE-1-NW@5

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	64.9	50.1	75.1

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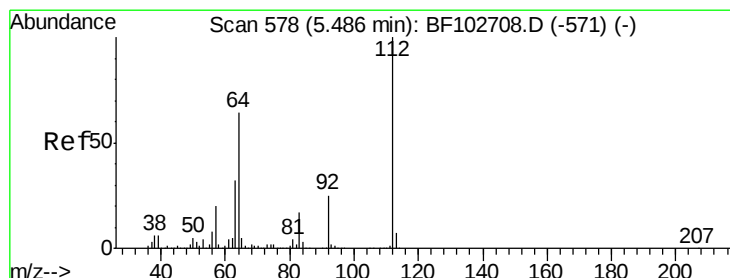
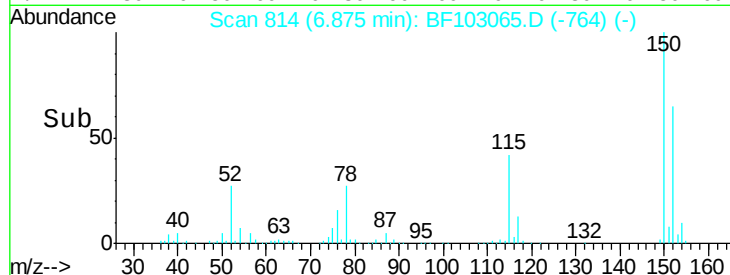
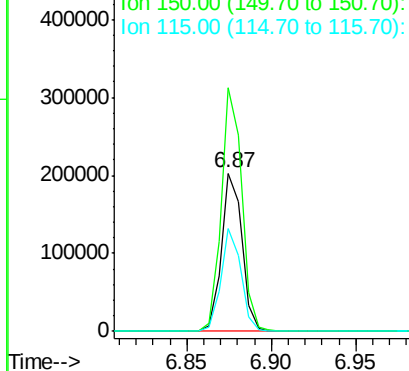


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

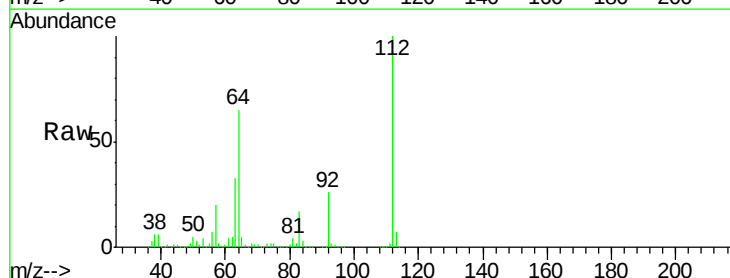
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.857 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	47.9	71.9
63	33.1	23.7	35.5

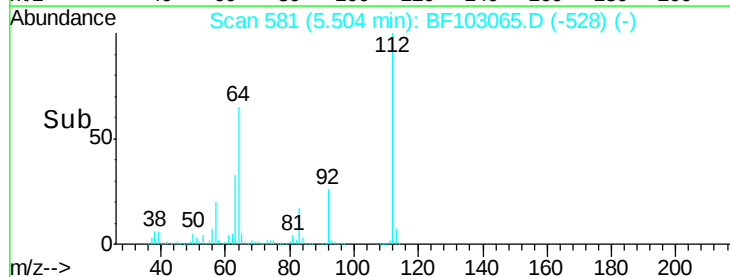
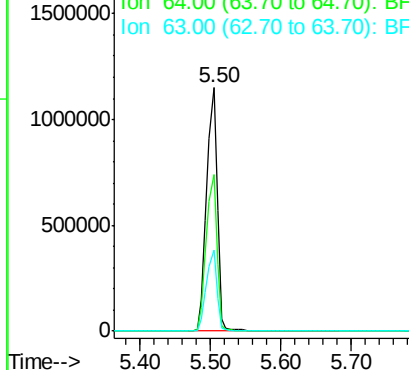


Abundance

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: 106.246 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103065.D

Acq: 16 Feb 2018 20:59

Instrument :

BNA_F

ClientSampleId :

12-ST-LATERAL-LINE-1-NW@5

Tgt Ion: 99 Resp: 1444023

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

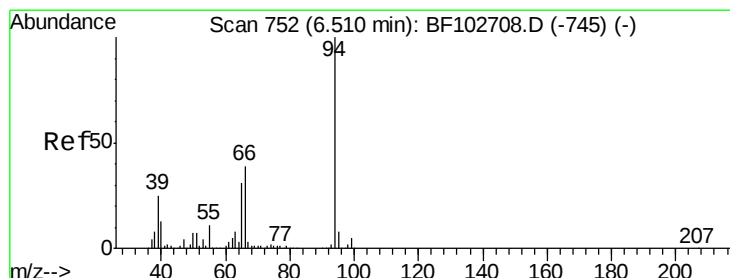
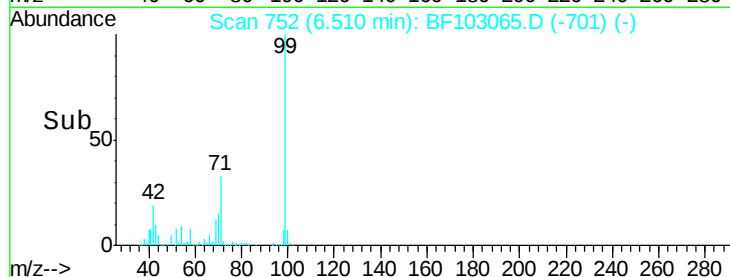
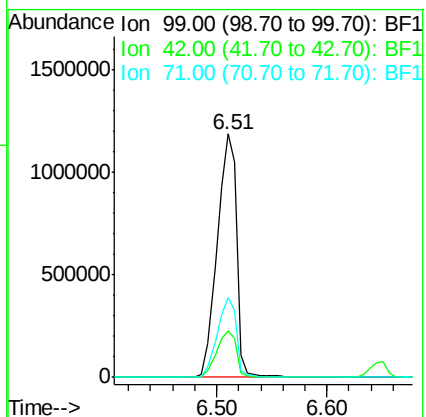
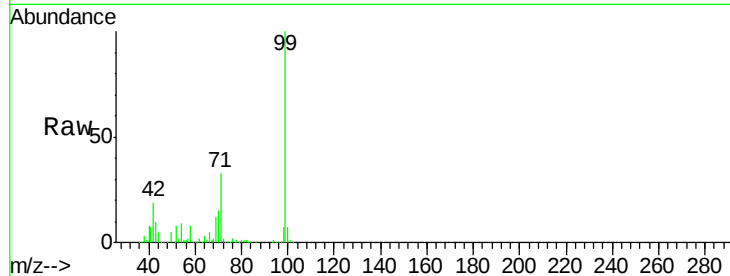
71 33.0 25.4 38.0

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#10

Phenol

Concen: 7.856 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF103065.D

Acq: 16 Feb 2018 20:59

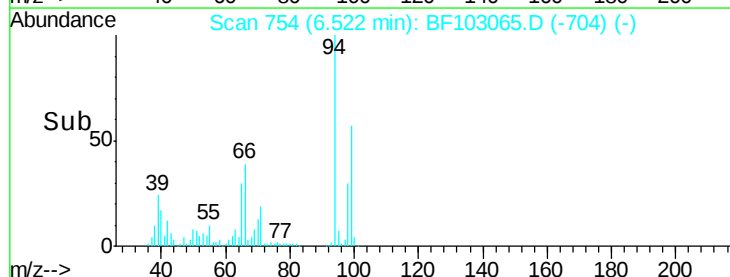
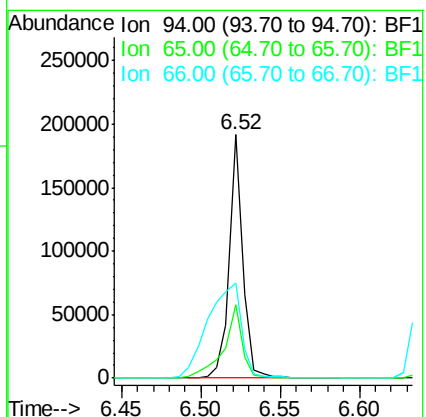
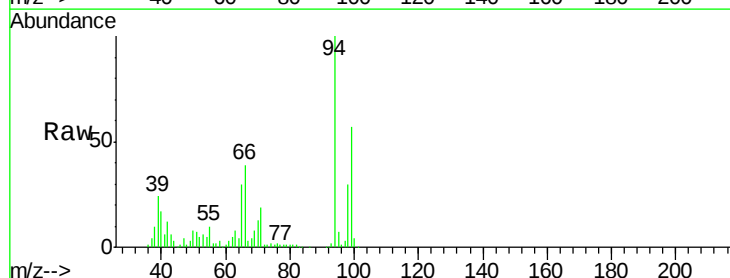
Tgt Ion: 94 Resp: 114423

Ion Ratio Lower Upper

94 100

65 30.1 7.9 47.9

66 39.0 16.2 56.2





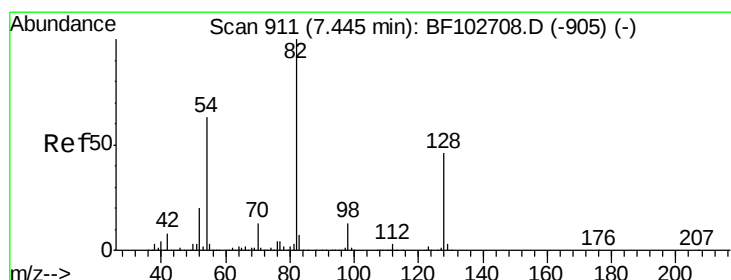
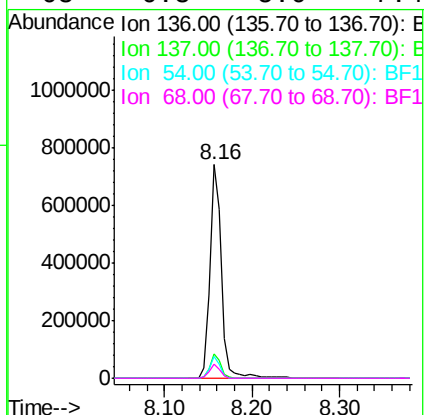
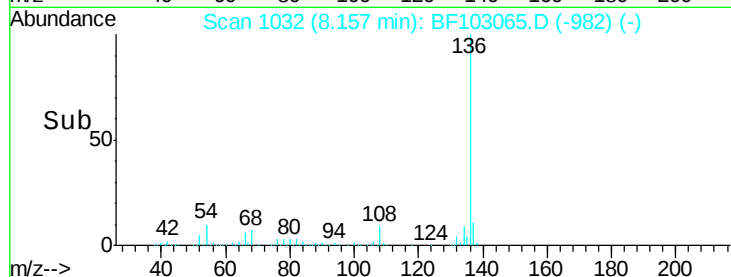
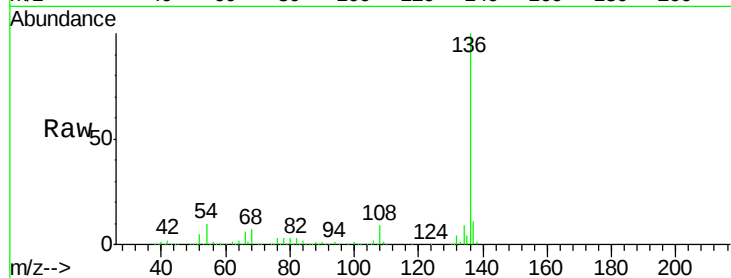
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Instrument :
BNA_F
ClientSampleId :
12-ST-LATERAL-LINE-1-NW@5

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	676321		
137	11.4	8.9	13.3	
54	10.2	6.6	9.8	
68	6.8	5.0	7.4	

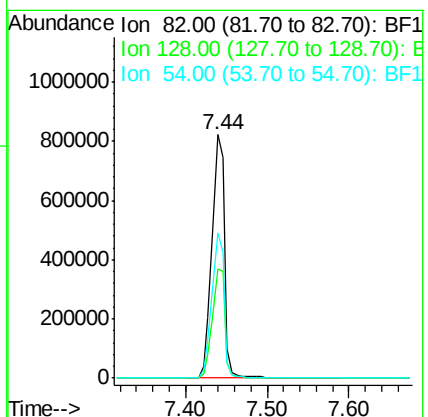
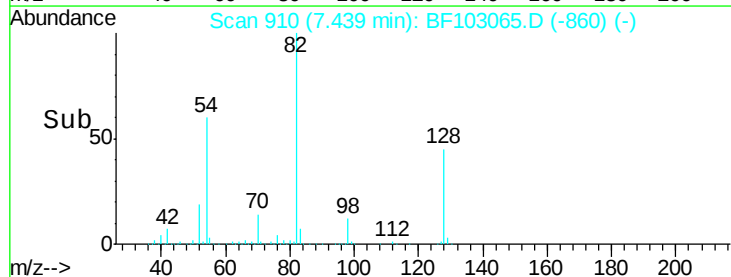
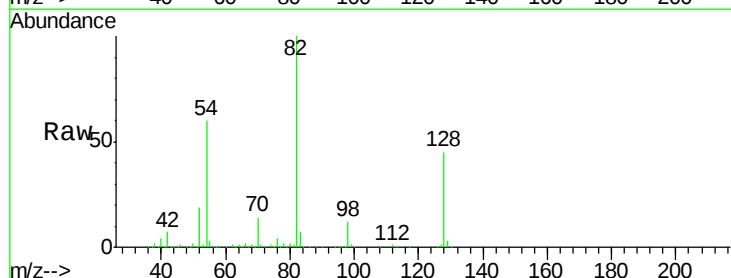
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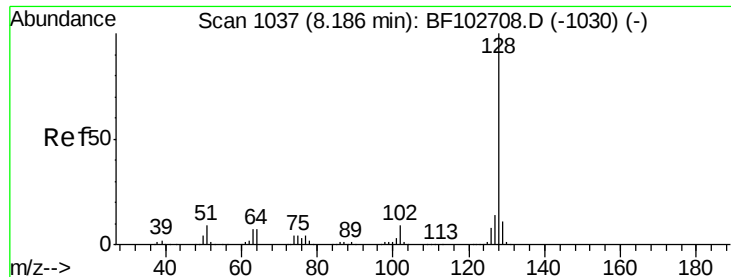
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#23
Nitrobenzene-d5
Concen: 91.115 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	888318		
128	45.0	36.1	54.1	
54	59.8	41.4	62.2	





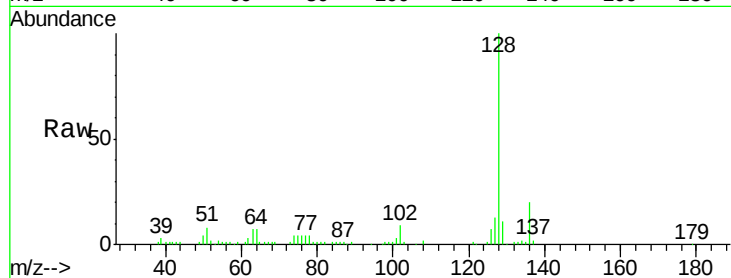
#31
Naphthalene
Concen: 2.181 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Instrument :
BNA_F
ClientSampleId :
12-ST-LATERAL-LINE-1-NW@5

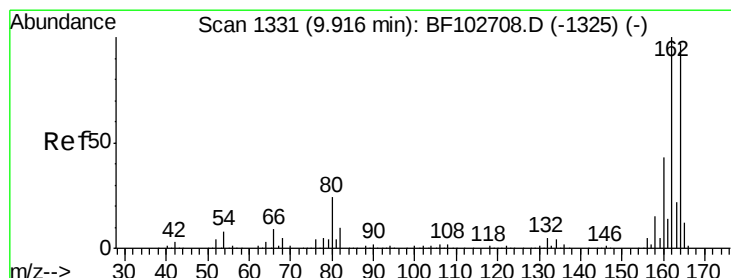
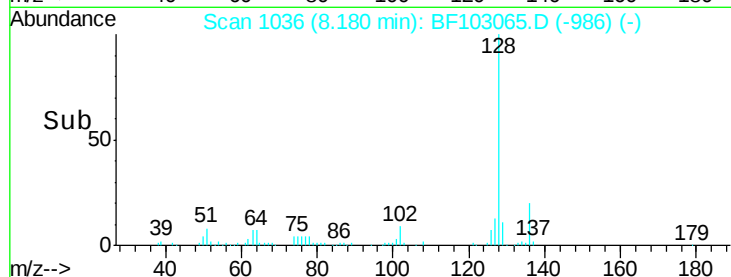
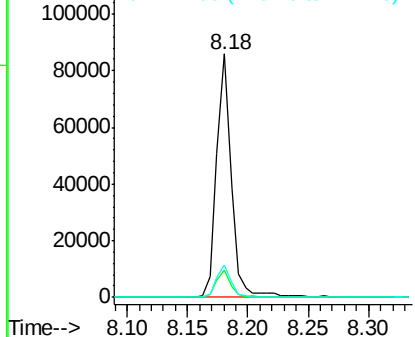
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	72067		
129	11.1		8.8	13.2
127	13.2		10.9	16.3

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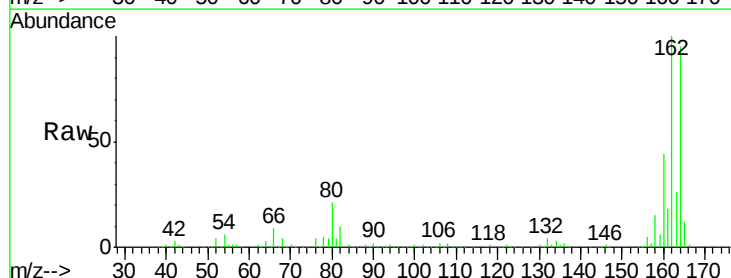


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

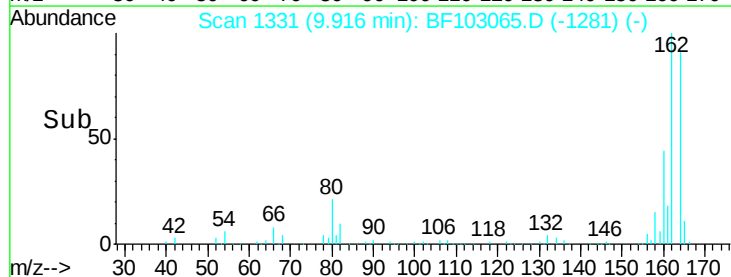
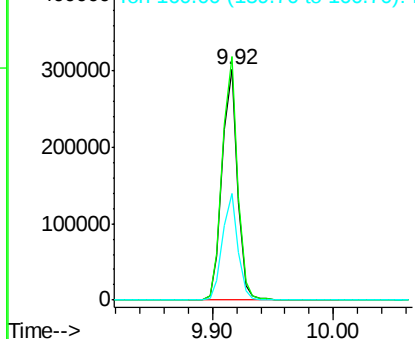


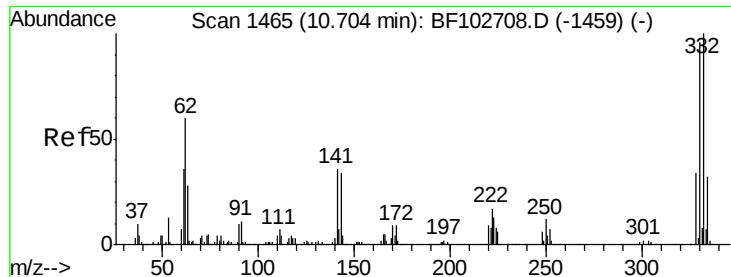
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	264420		
162	105.6		86.1	129.1
160	46.3		38.3	57.5



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





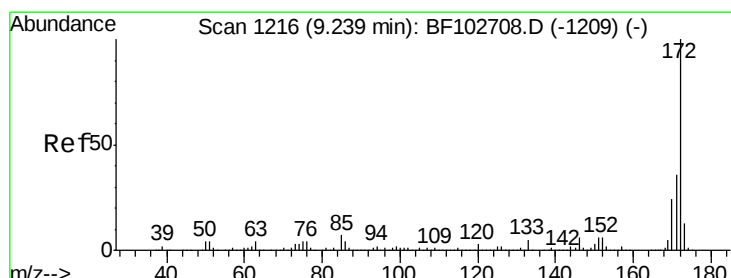
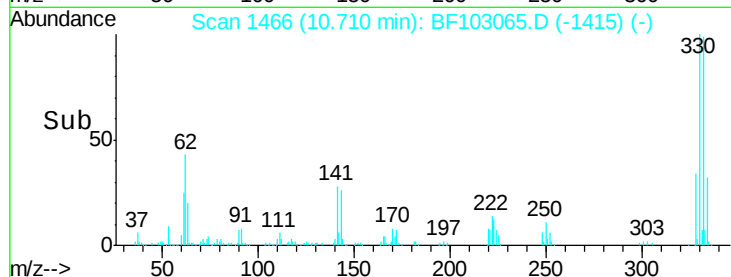
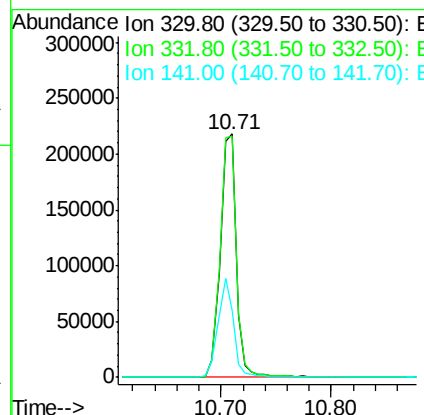
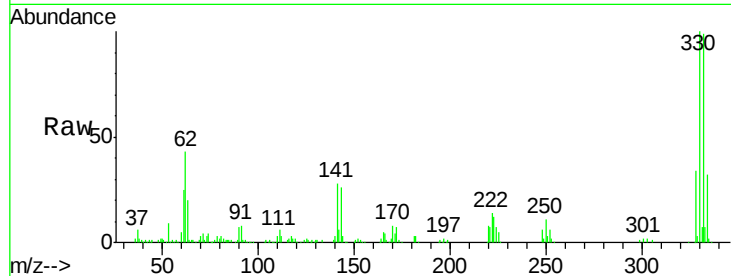
#41
 2,4,6-Tribromophenol
 Concen: 104.081 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103065.D
 Acq: 16 Feb 2018 20:59

Instrument :
 BNA_F
 ClientSampleId :
 12-ST-LATERAL-LINE-1-NW@5

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	221513		
332	100.7	77.0	115.6	
141	39.0	29.9	44.9	

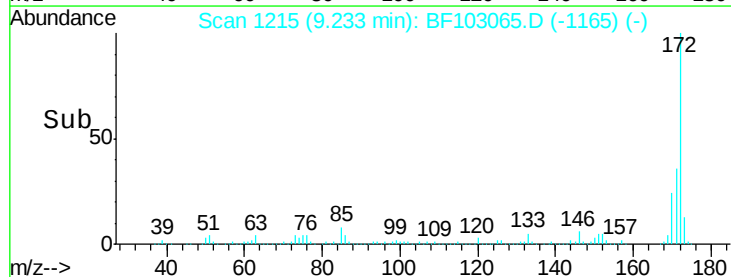
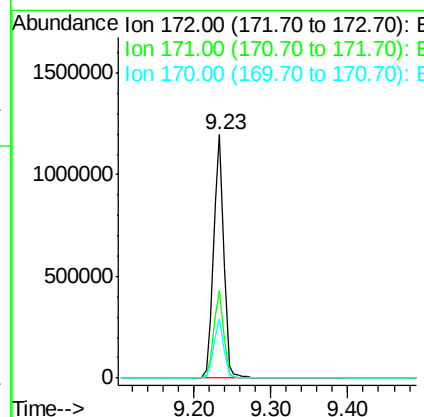
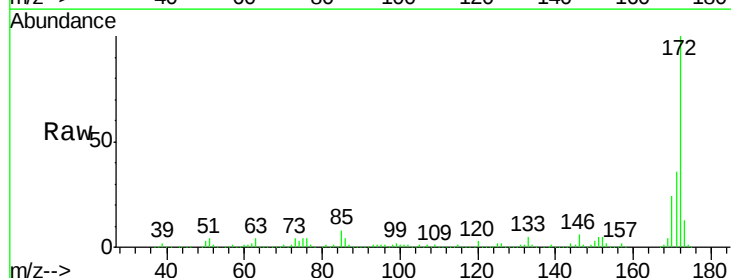
Manual Integrations
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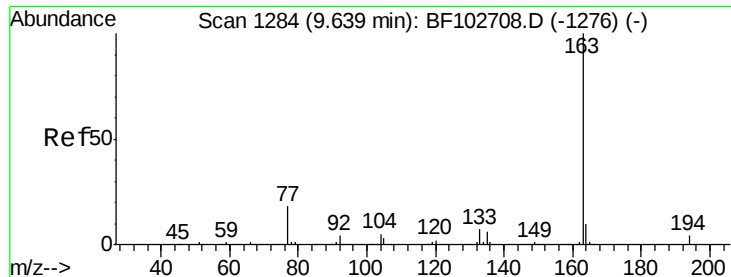
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#44
 2-Fluorobiphenyl
 Concen: 68.394 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103065.D
 Acq: 16 Feb 2018 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1089867		
171	36.0	29.7	44.5	
170	24.4	19.6	29.4	





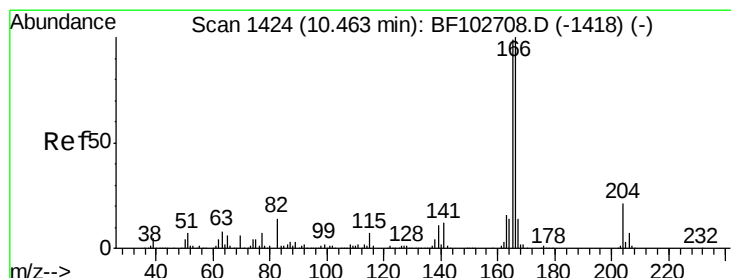
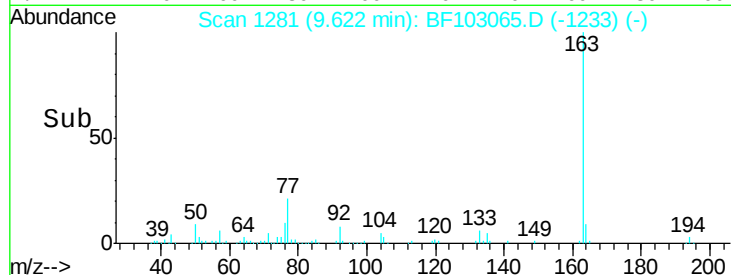
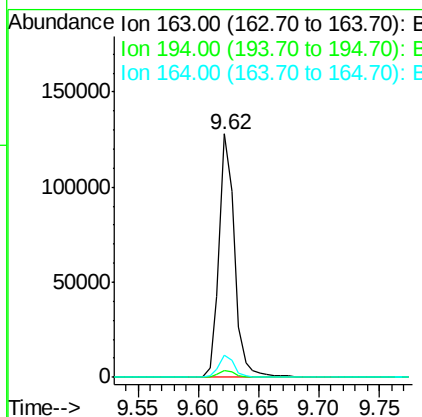
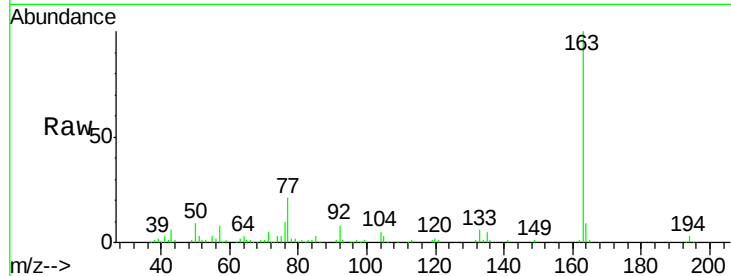
#49
Dimethylphthalate
Concen: 5.462 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Instrument :
BNA_F
ClientSampleId :
12-ST-LATERAL-LINE-1-NW@5

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.8	2.7	4.1
164	9.1	8.2	12.2

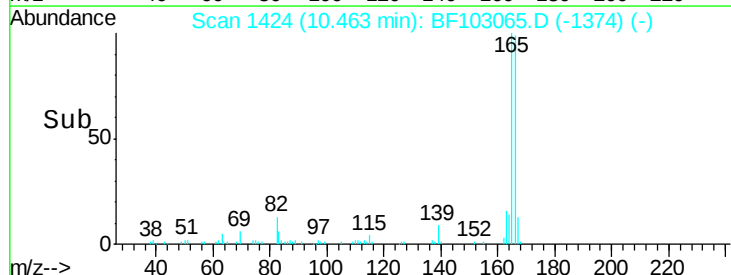
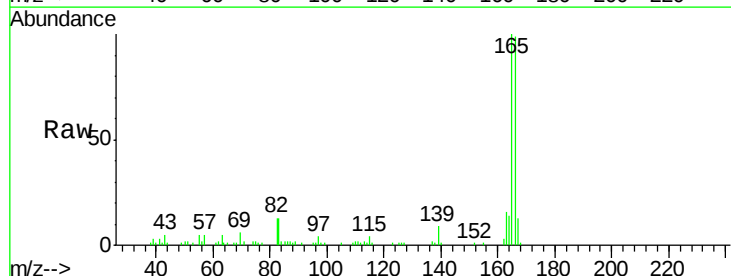
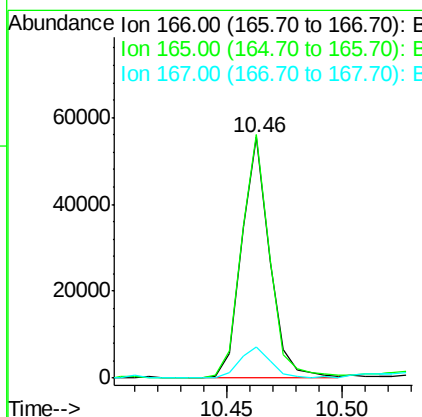
Manual Integrations
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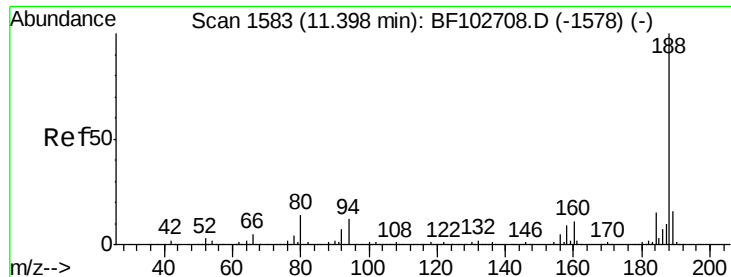
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#57
Fluorene
Concen: 2.832 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	101.0	79.8	119.8
167	12.8	10.6	16.0





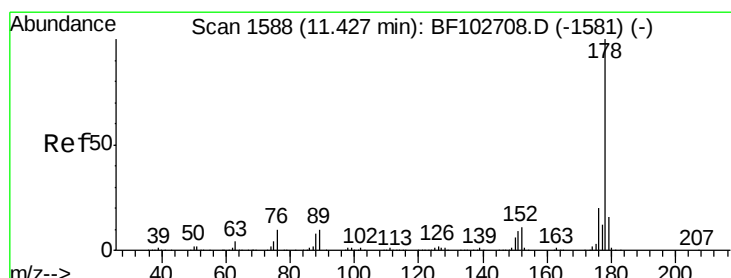
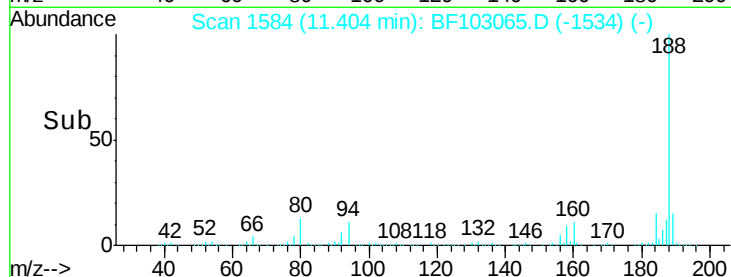
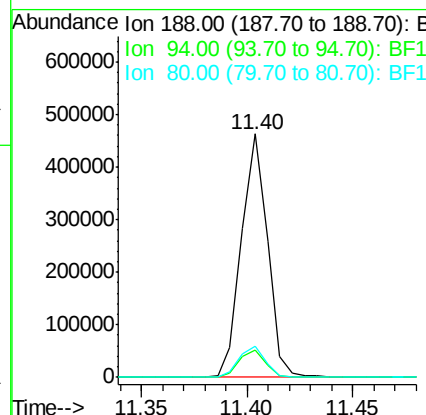
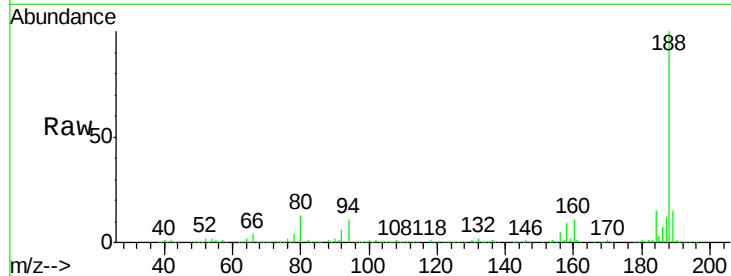
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Instrument :
BNA_F
ClientSampleId :
12-ST-LATERAL-LINE-1-NW@5

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	395779		
94	11.4	8.5	12.7	
80	12.9	9.2	13.8	

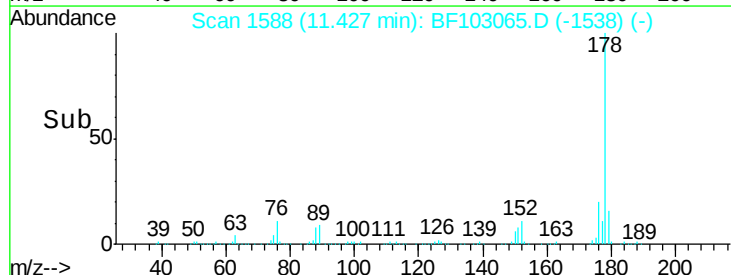
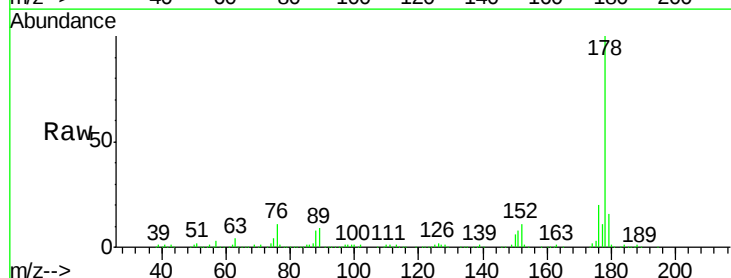
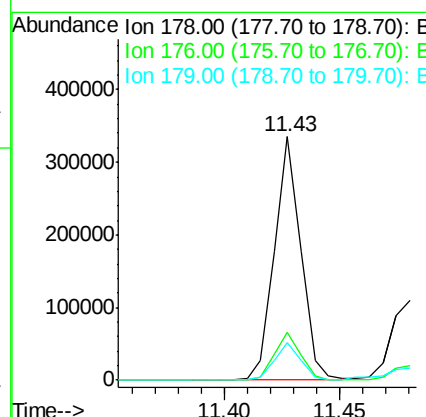
Manual Integrations
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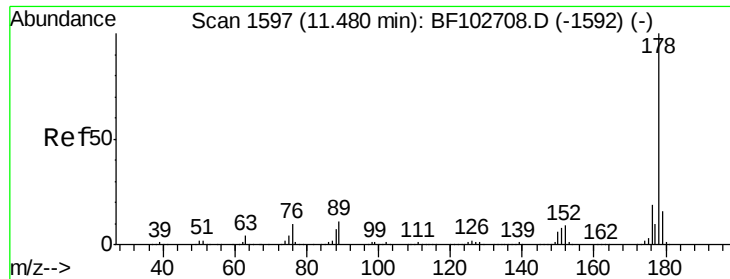
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#70
Phenanthrene
Concen: 12.063 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	265907		
176	19.8	15.8	23.8	
179	15.5	13.0	19.6	





#71

Anthracene

Concen: 4.251 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF103065.D

Acq: 16 Feb 2018 20:59

Instrument :

BNA_F

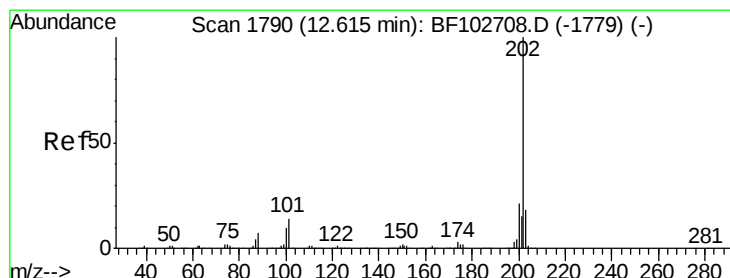
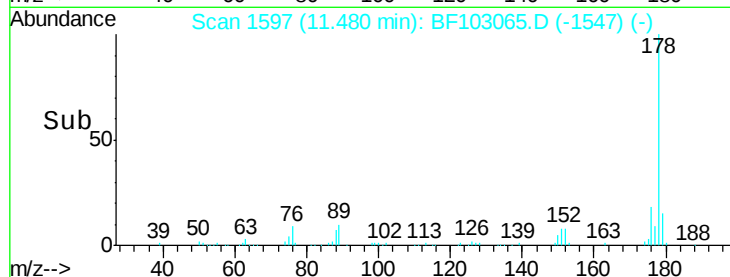
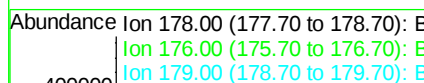
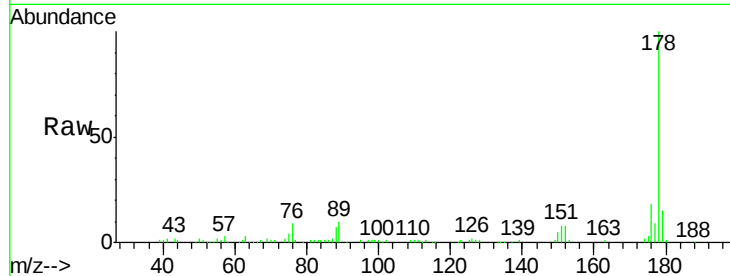
ClientSampleId :

12-ST-LATERAL-LINE-1-NW@5

Tgt Ion:	178	Resp:	95312
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.4	23.2
179	15.3	12.6	19.0

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#74

Fluoranthene

Concen: 12.133 ng

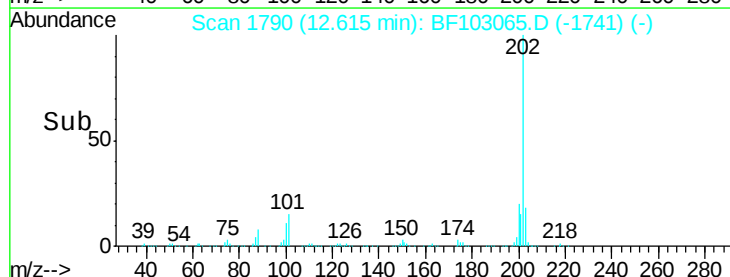
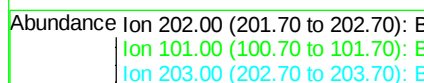
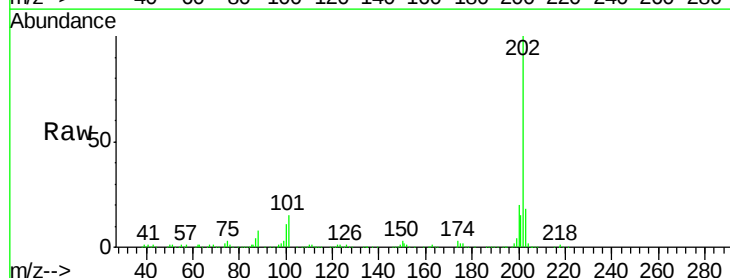
RT: 12.62 min Scan# 1790

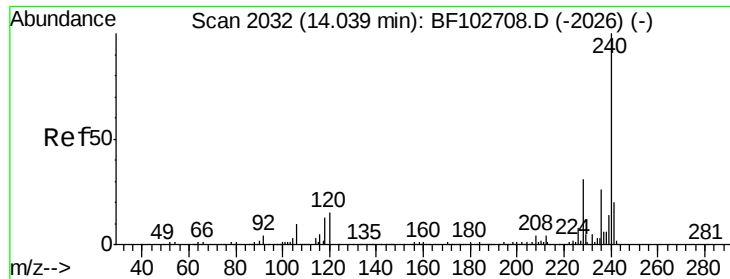
Delta R.T. -0.01 min

Lab File: BF103065.D

Acq: 16 Feb 2018 20:59

Tgt Ion:	202	Resp:	269069
Ion Ratio	Lower	Upper	
202	100		
101	15.2	0.0	34.1
203	17.5	0.0	38.1





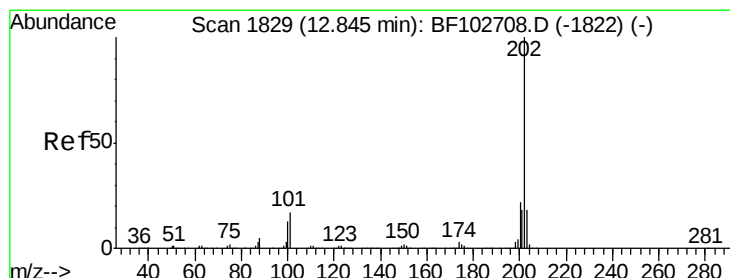
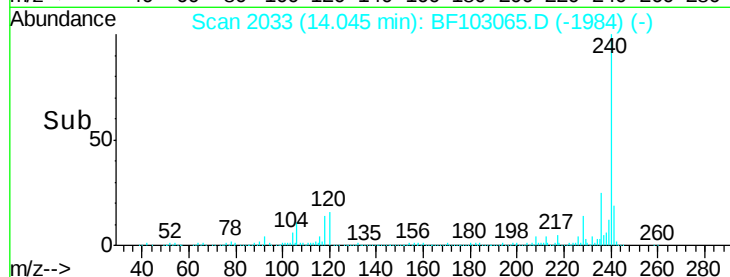
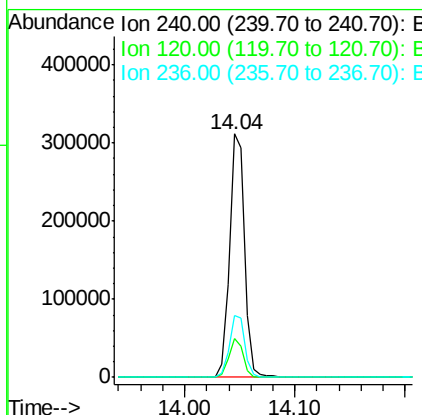
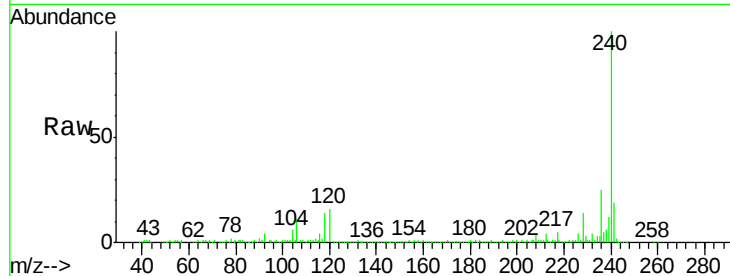
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Instrument :
BNA_F
ClientSampleId :
12-ST-LATERAL-LINE-1-NW@5

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	299305		
120	16.2	9.5	14.3#	
236	25.3	20.7	31.1	

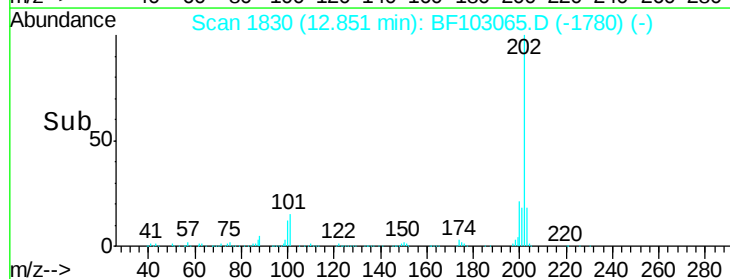
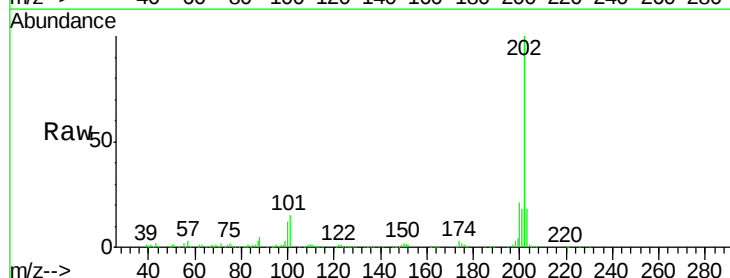
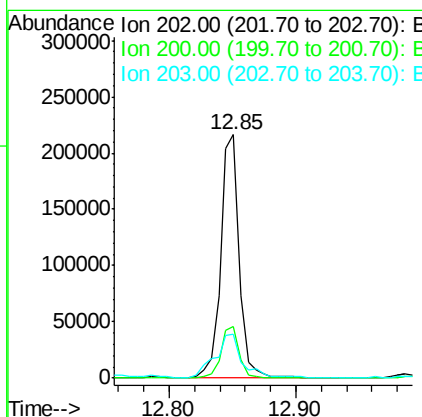
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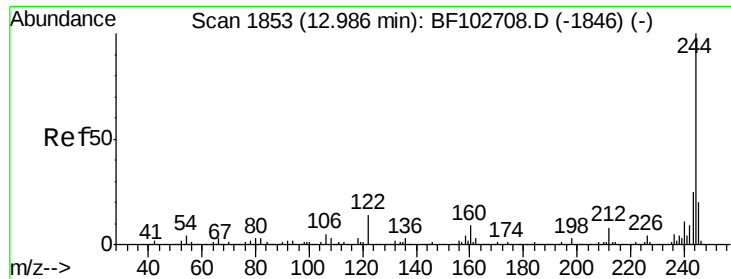
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#77
Pyrene
Concen: 9.445 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	221671		
200	21.1	17.4	26.2	
203	18.0	14.3	21.5	





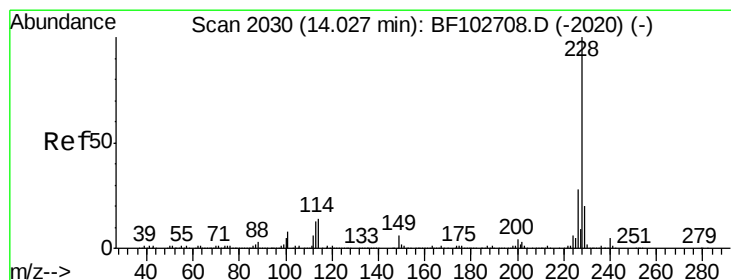
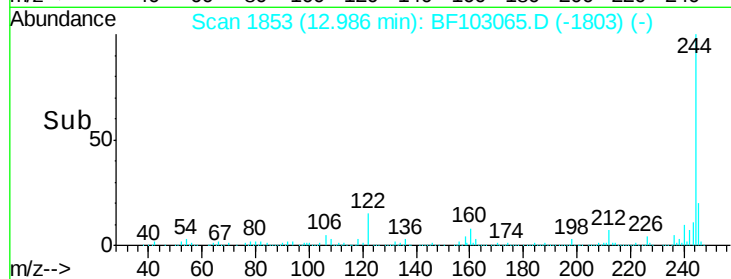
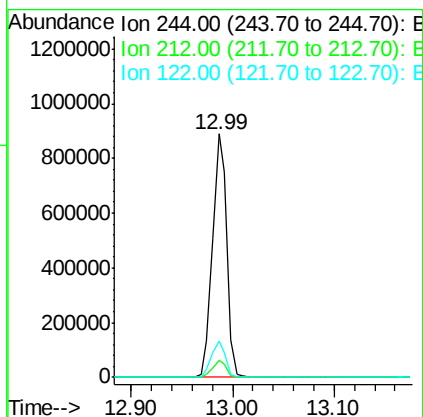
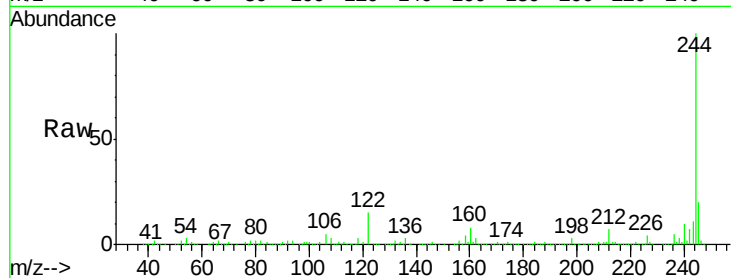
#78
 Terphenyl-d14
 Concen: 68.688 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF103065.D
 Acq: 16 Feb 2018 20:59

Instrument :
 BNA_F
 ClientSampleId :
 12-ST-LATERAL-LINE-1-NW@5

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.9	11.0	16.4

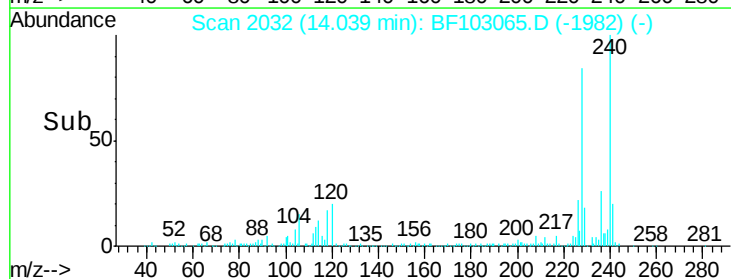
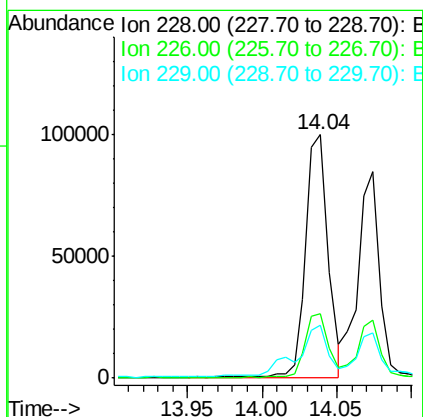
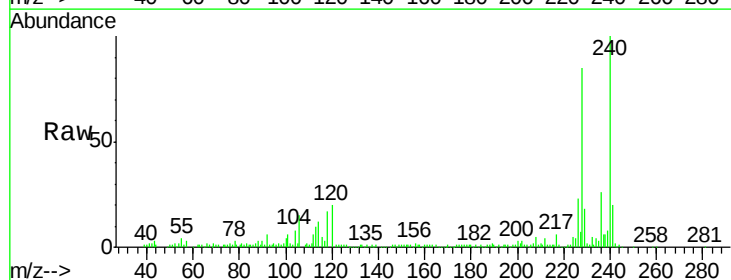
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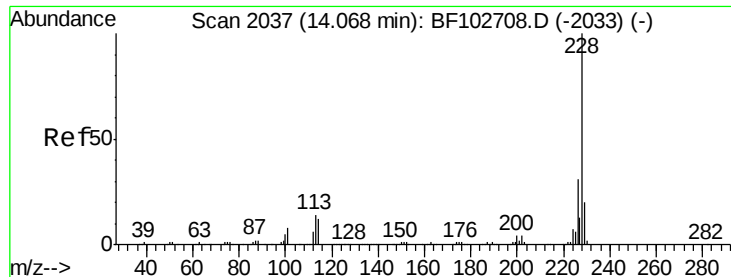
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#80
 Benzo(a)anthracene
 Concen: 5.598 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF103065.D
 Acq: 16 Feb 2018 20:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.6	33.8
229	21.8	15.8	23.6





#82

Chrysene

Concen: 4.564 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF103065.D

Acq: 16 Feb 2018 20:59

Instrument :

BNA_F

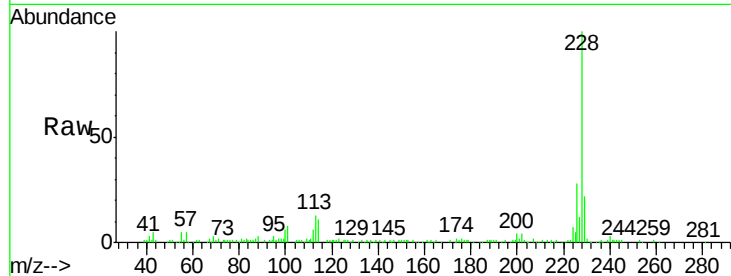
ClientSampleId :

12-ST-LATERAL-LINE-1-NW@5

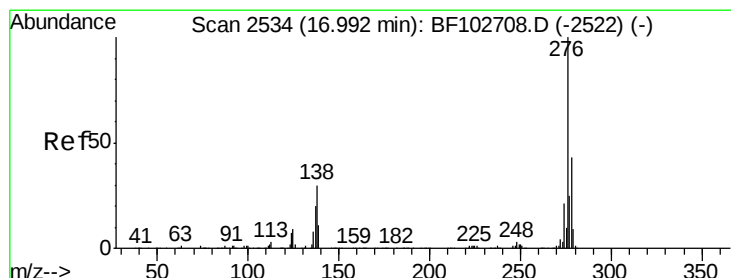
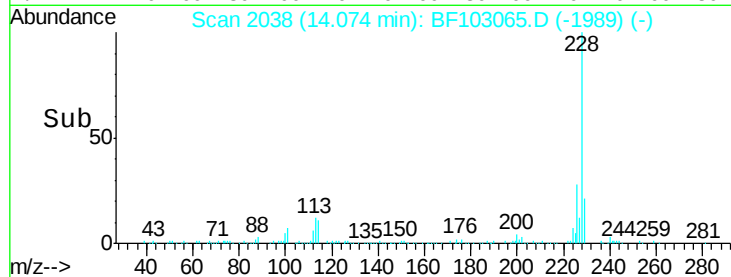
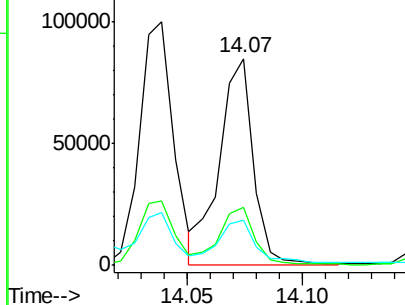
Tgt Ion:	228	Resp:	86607
Ion Ratio	Lower	Upper	
228	100		
226	28.1	25.0	37.6
229	21.7	16.2	24.4

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.020 ng

RT: 17.03 min Scan# 2541

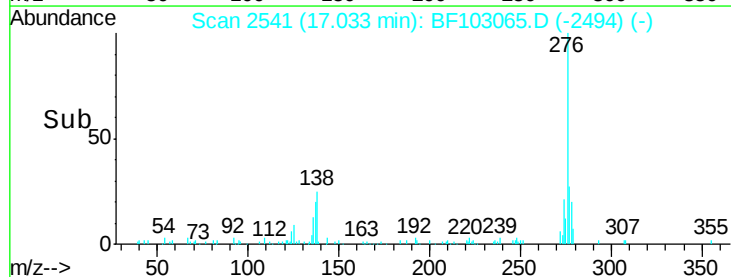
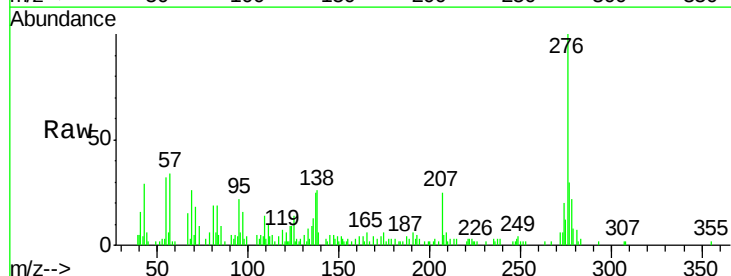
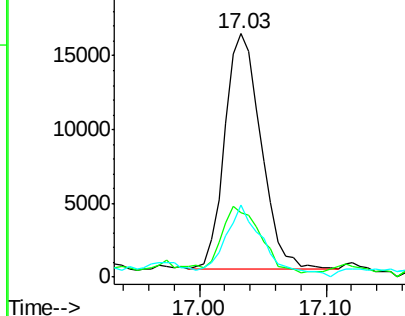
Delta R.T. -0.02 min

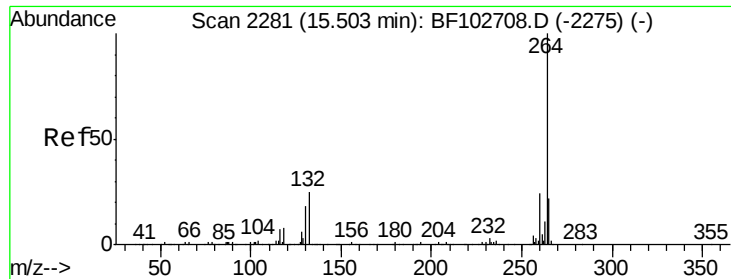
Lab File: BF103065.D

Acq: 16 Feb 2018 20:59

Tgt Ion:	276	Resp:	31794
Ion Ratio	Lower	Upper	
276	100		
138	31.4	25.0	37.6
277	32.6	20.1	30.1#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





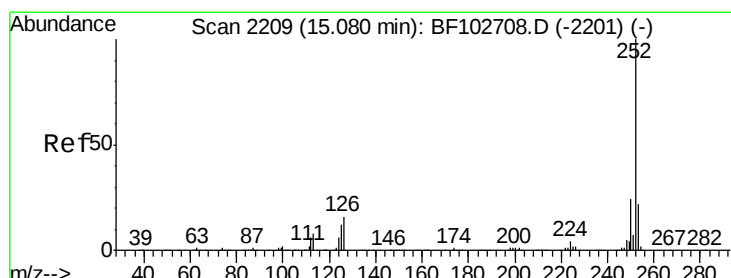
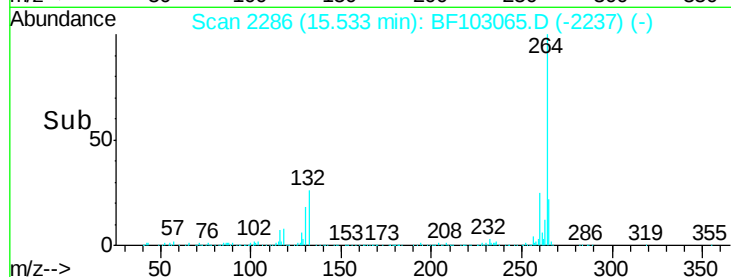
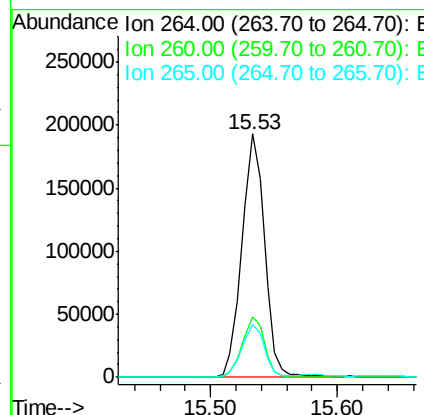
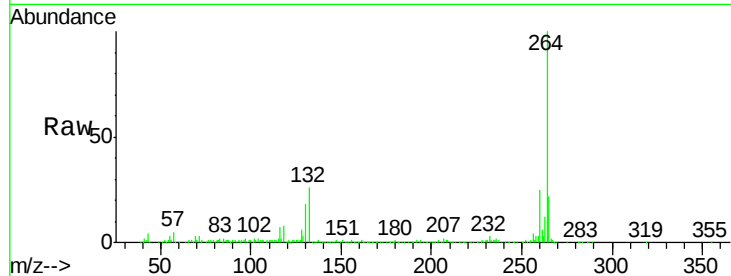
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Instrument :
BNA_F
ClientSampleId :
12-ST-LATERAL-LINE-1-NW@5

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	239160		
260	24.9	19.2	28.8	
265	21.5	17.5	26.3	

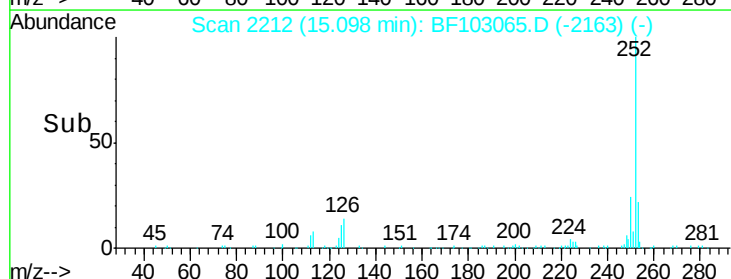
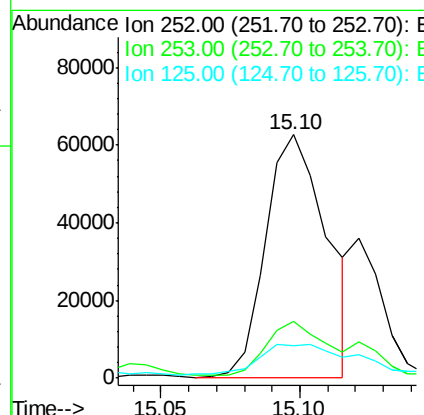
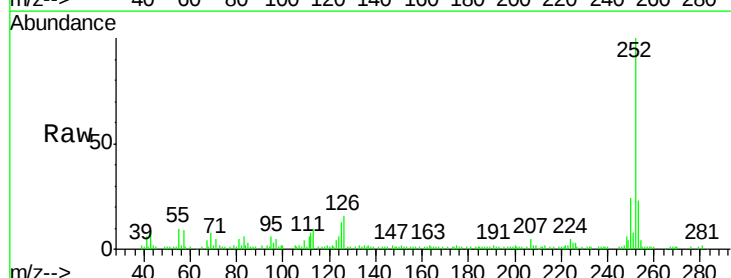
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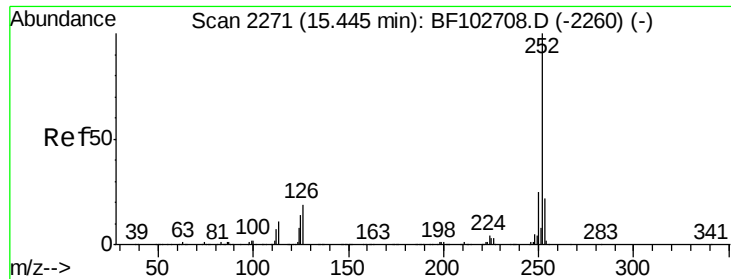
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#87
Benzo(b)fluoranthene
Concen: 6.209 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	96273		
253	23.5	17.0	25.6	
125	13.3	9.0	13.6	





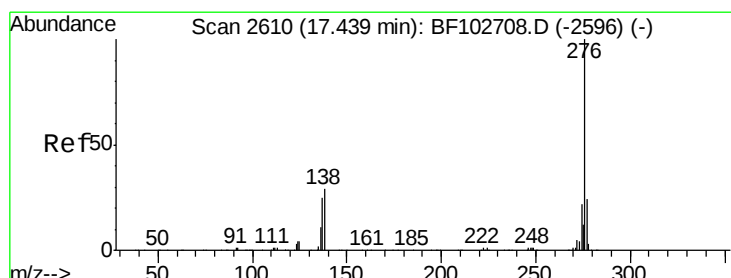
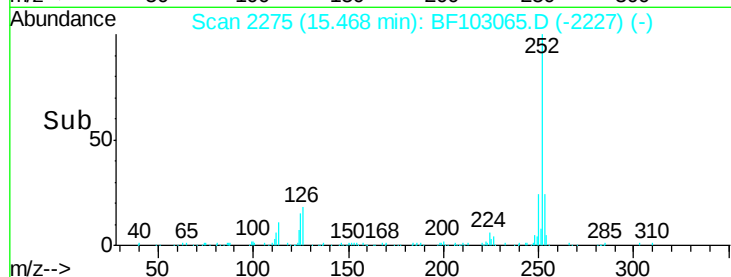
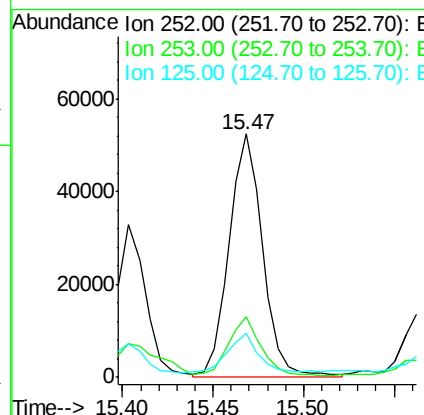
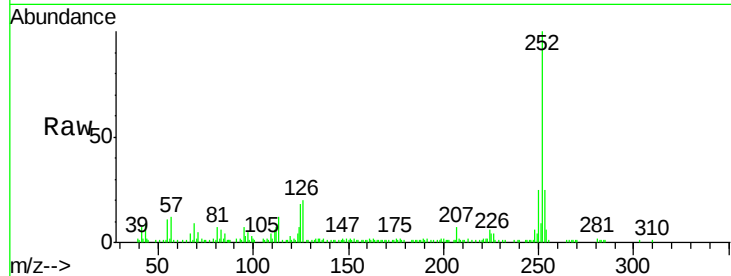
#89
Benzo(a)pyrene
Concen: 4.872 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.02 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Instrument :
BNA_F
ClientSampleId :
12-ST-LATERAL-LINE-1-NW@5

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.8	17.1	25.7
125	18.0	9.8	14.6

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#91
Benzo(g,h,i)perylene
Concen: 2.819 ng
RT: 17.49 min Scan# 2619
Delta R.T. -0.03 min
Lab File: BF103065.D
Acq: 16 Feb 2018 20:59

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	23.3	17.9	26.9
138	26.6	21.8	32.8

