

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110539.D
 Acq On : 7 Nov 2018 2:10
 Operator : JU/SJ
 Sample : J5826-11 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-S

Manual Integrations
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Sohil
 11/7/2018 2:54:56 PM

Quant Time: Nov 07 13:23:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	76953	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	280750	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	113035	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	209439	20.00	ng	0.00
76) Chrysene-d12	14.14	240	134127	20.00	ng	0.00
87) Perylene-d12	15.67	264	108669	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	224594	47.53	ng	0.00
7) Phenol-d6	6.57	99	287029	47.49	ng	0.00
23) Nitrobenzene-d5	7.52	82	160818	33.98	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	50885	45.45	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	295162	41.00	ng	0.00
79) Terphenyl-d14	13.07	244	257722	39.96	ng	0.00
Target Compounds						
10) Phenol	6.59	94	18296	2.832	ng	Qvalue # 71
50) Dimethylphthalate	9.70	163	35032	4.198	ng	99
71) Phenanthrene	11.52	178	43835	4.000	ng	99
75) Fluoranthene	12.71	202	101623	9.137	ng	98
78) Pyrene	12.94	202	92454	9.615	ng	98
81) Benzo(a)anthracene	14.13	228	37995	4.777	ng	96
83) Chrysene	14.17	228	33092m	4.380	ng	
84) Bis(2-ethylhexyl)phthalate	14.09	149	16304	2.890	ng	# 95
85) Di-n-octyl phthalate	14.74	149	22131	2.523	ng	# 43
86) Indeno(1,2,3-cd)pyrene	17.25	276	15632	2.494	ng	96
88) Benzo(b)fluoranthene	15.22	252	37784m	6.021	ng	
89) Benzo(k)fluoranthene	15.24	252	13063m	2.117	ng	
90) Benzo(a)pyrene	15.60	252	26867	4.653	ng	# 93
92) Benzo(a,h,i)perylene	17.73	276	16431	3.347	ng	# 90

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

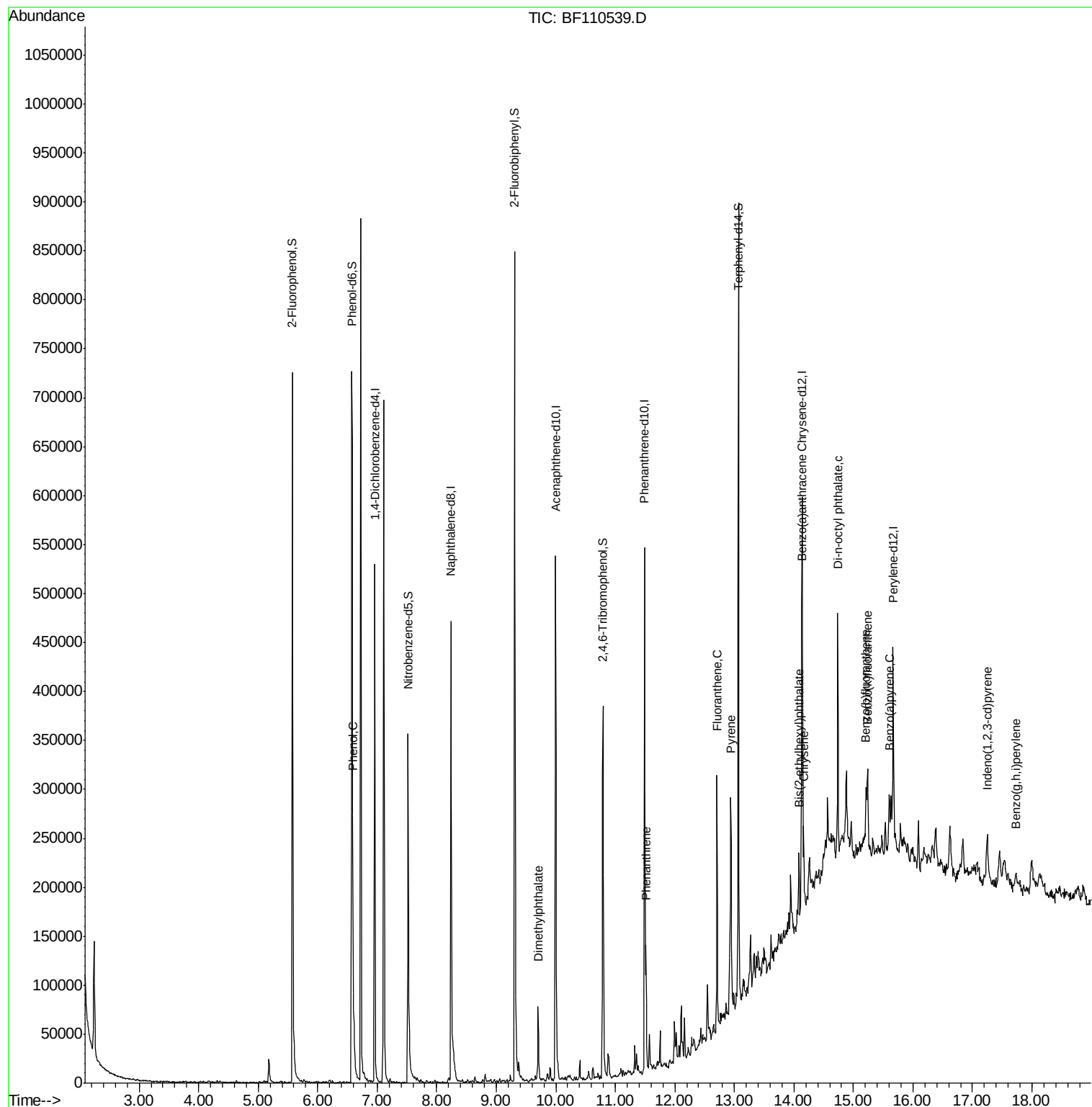
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
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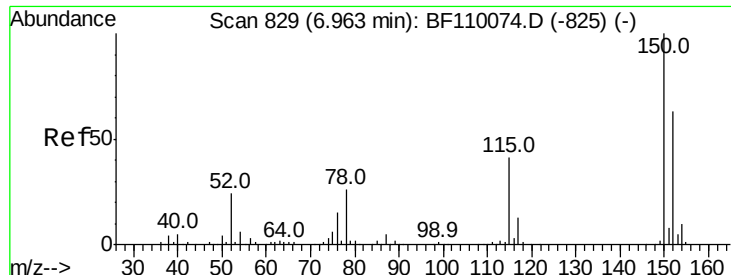
Instrument :
BNA_F
ClientSampled :
SB-S

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

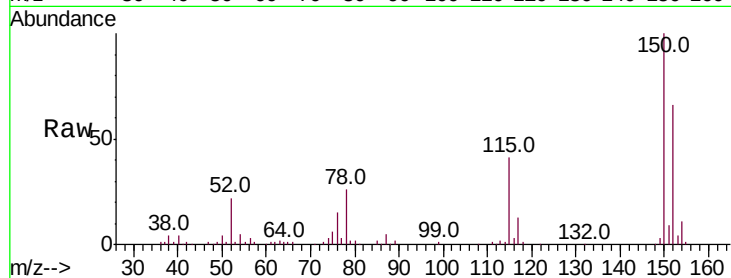
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110539.D
Acq: 7 Nov 2018 2:10

Instrument :
BNA_F
ClientSampled :
SB-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	122.7	184.1
115	62.6	49.1	73.7

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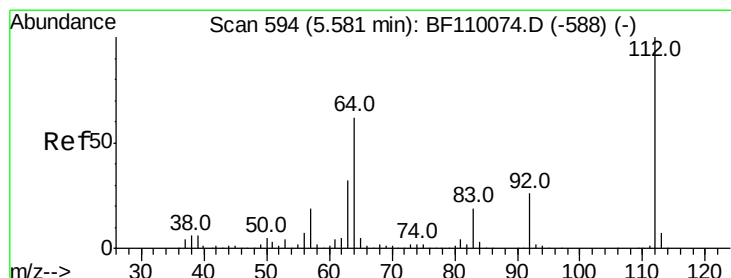
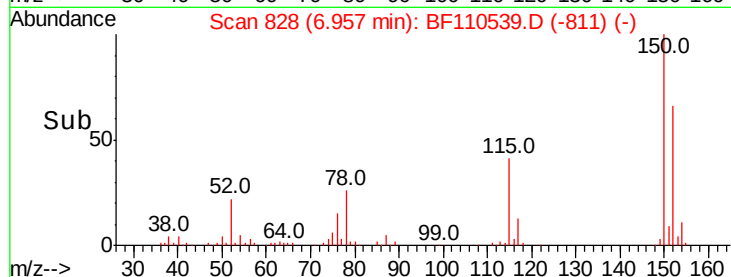
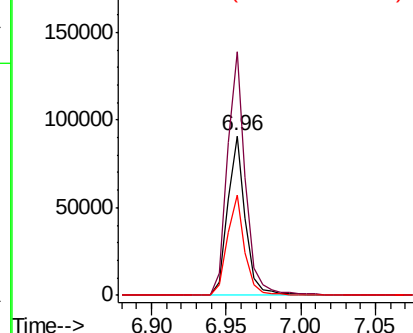


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

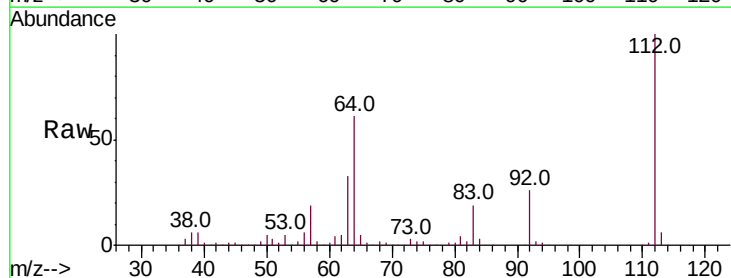
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 47.528 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110539.D
Acq: 7 Nov 2018 2:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	44.1	66.1
63	32.5	23.7	35.5

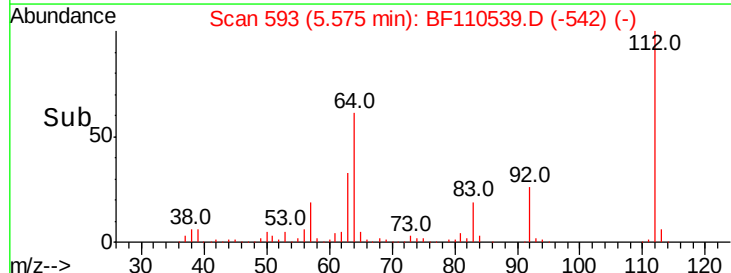
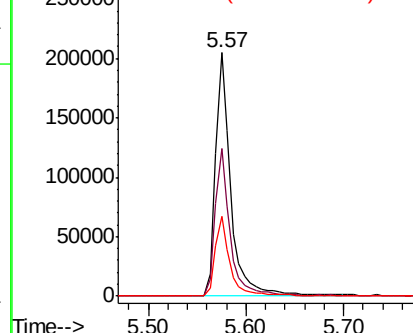


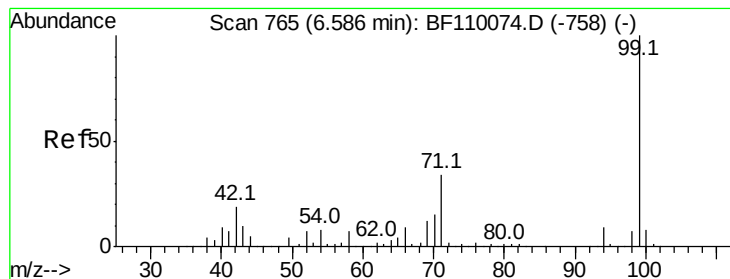
Abundance

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: 47.487 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110539.D

Acq: 7 Nov 2018 2:10

Instrument :

BNA_F

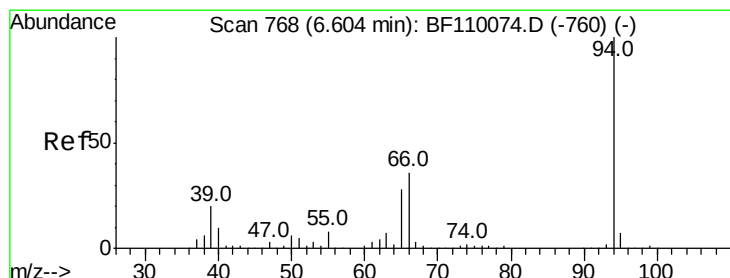
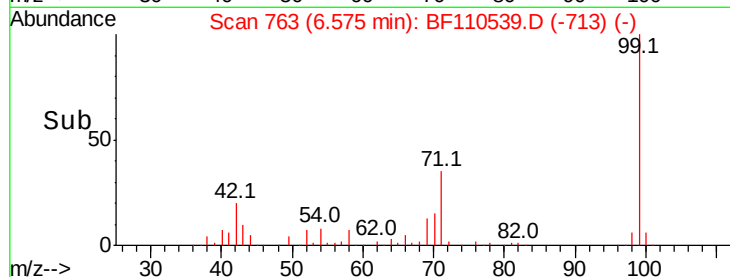
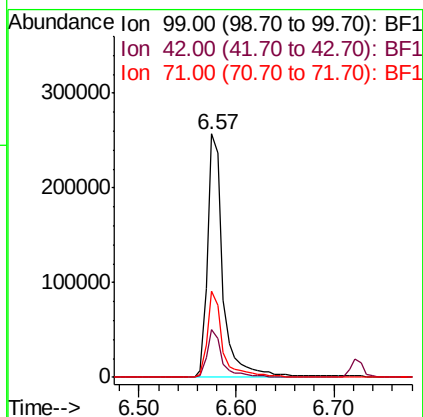
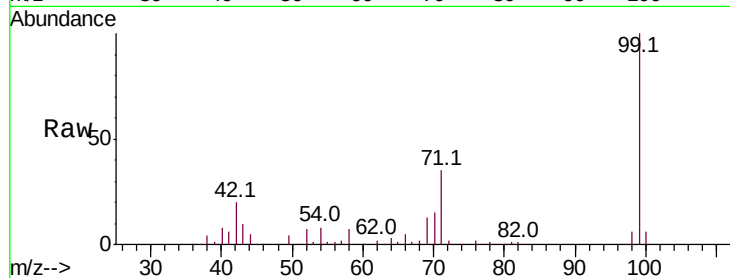
ClientSampled :

SB-S

Tot Ion	99	Resp	287029
Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.8	23.6
71	35.4	28.0	42.0

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#10

Phenol

Concen: 2.832 ng

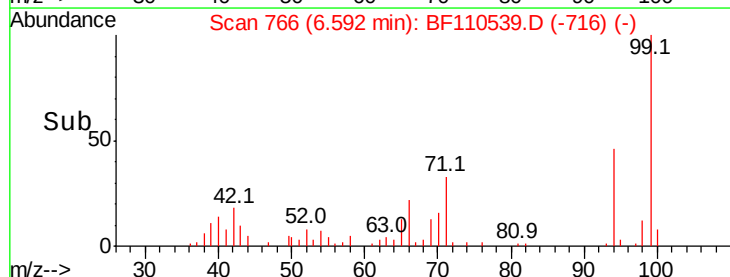
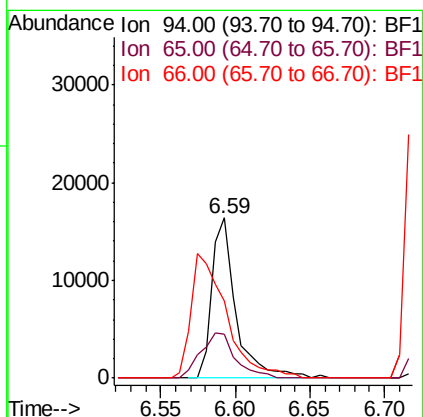
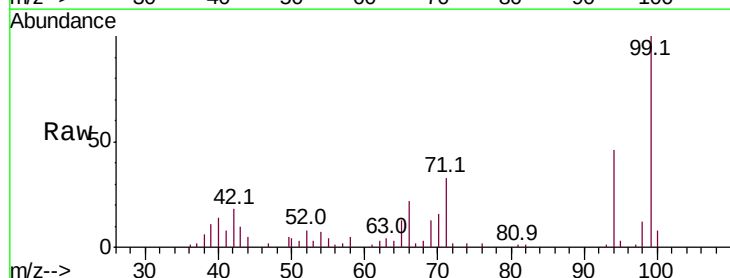
RT: 6.59 min Scan# 766

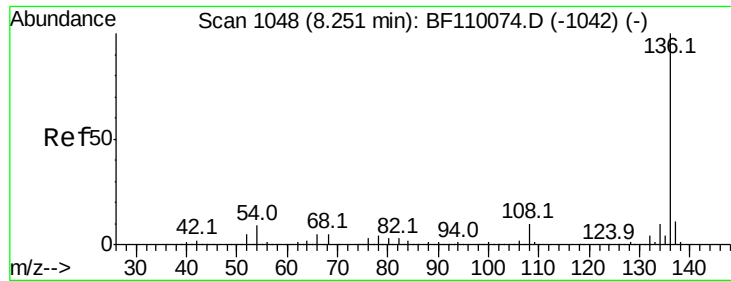
Delta R.T. -0.01 min

Lab File: BF110539.D

Acq: 7 Nov 2018 2:10

Tgt Ion	94	Resp	18296
Ion	Ratio	Lower	Upper
94	100		
65	27.8	25.3	65.3
66	48.2	54.5	94.5#





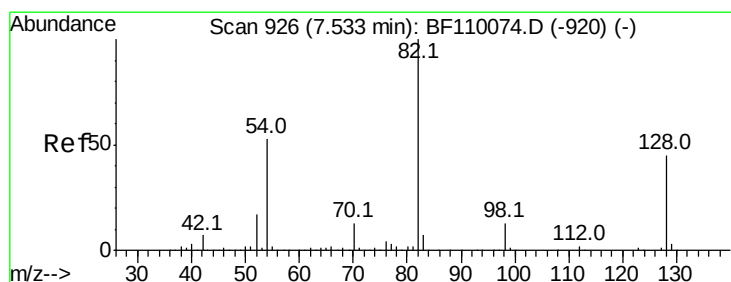
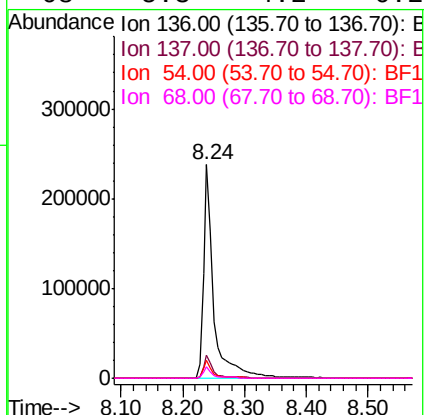
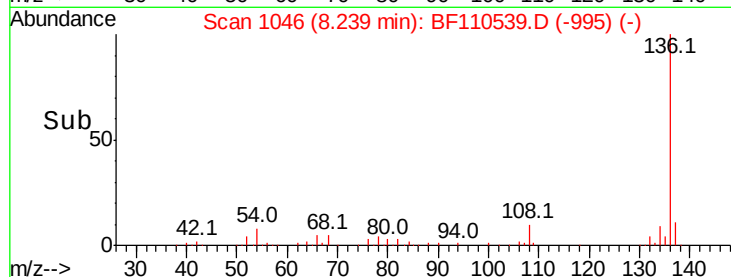
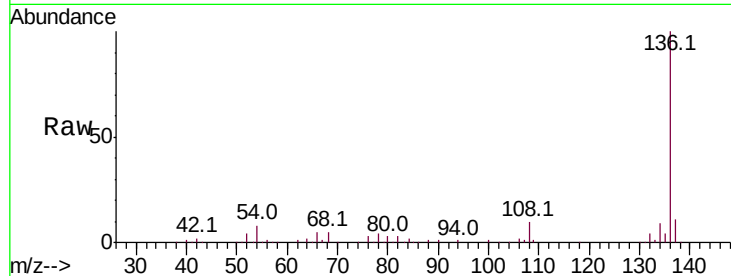
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110539.D
Acq: 7 Nov 2018 2:10

Instrument :
BNA_F
ClientSampleId :
SB-S

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.1	5.4	8.2
68	5.3	4.2	6.2

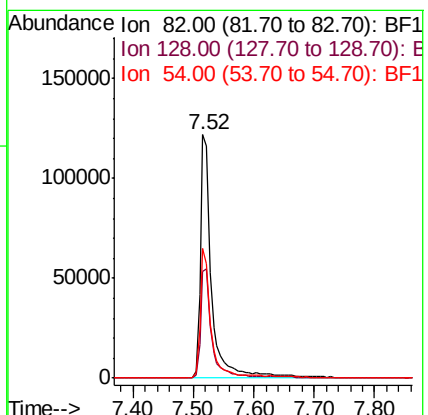
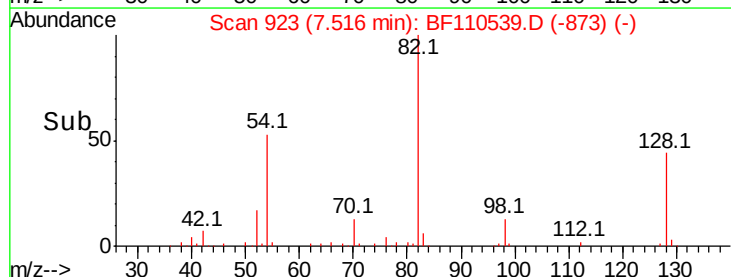
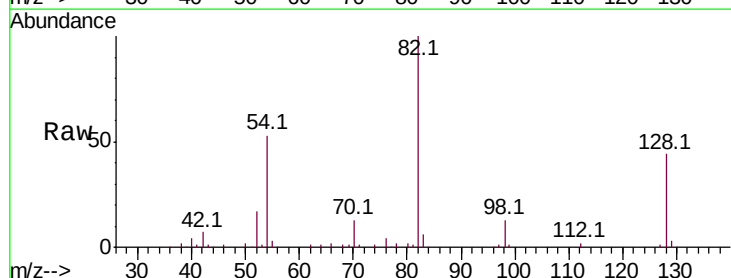
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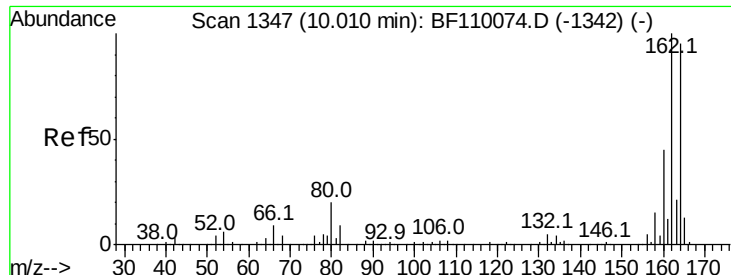
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#23
Nitrobenzene-d5
Concen: 33.976 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110539.D
Acq: 7 Nov 2018 2:10

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	43.6	34.2	51.2
54	53.1	38.6	58.0





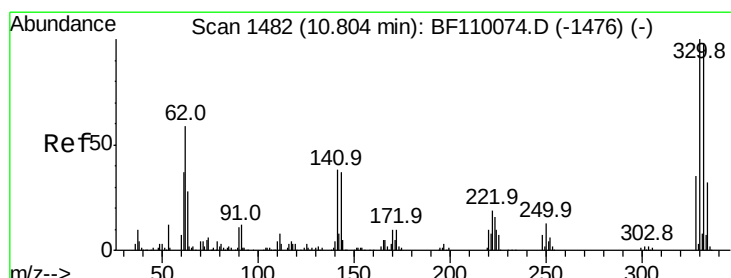
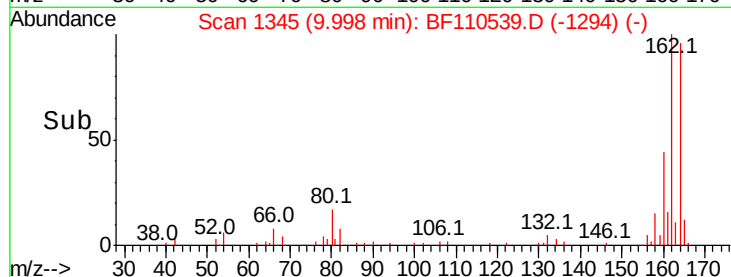
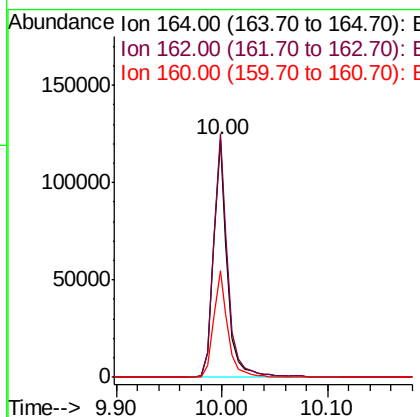
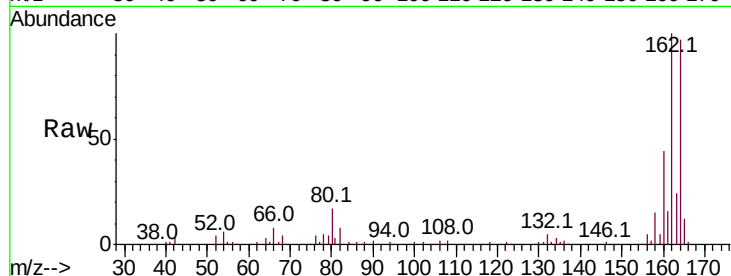
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110539.D
Acq: 7 Nov 2018 2:10

Instrument :
BNA_F
ClientSampled :
SB-S

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.0	124.6
160	45.1	37.0	55.6

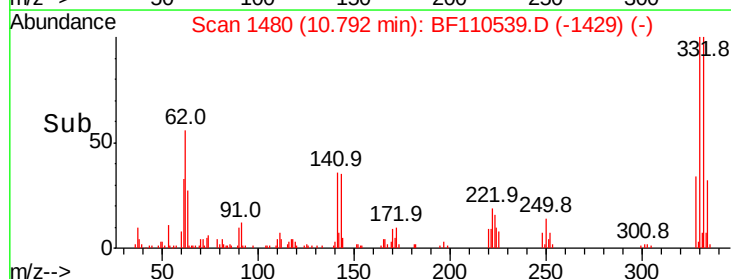
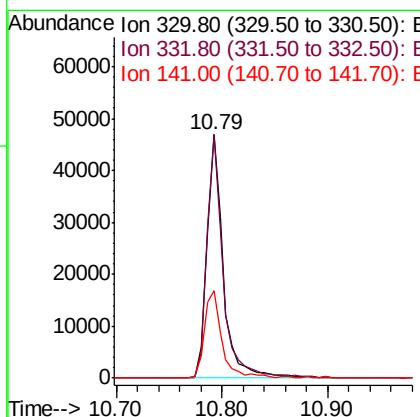
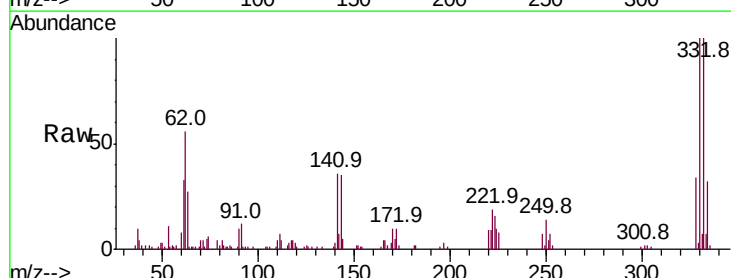
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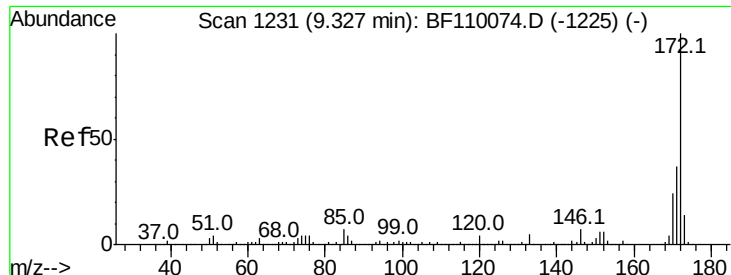
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#42
2,4,6-Tribromophenol
Concen: 45.446 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF110539.D
Acq: 7 Nov 2018 2:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.1	115.7
141	37.8	27.0	40.4





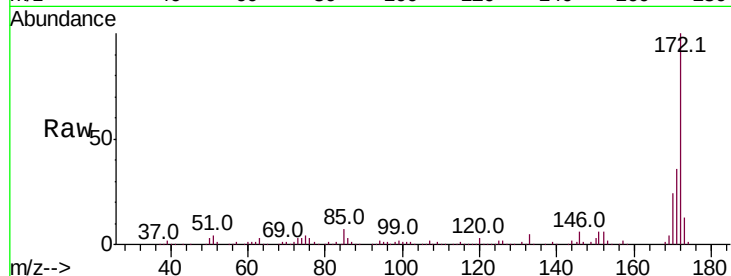
#45
2-Fluorobiphenyl
Concen: 41.003 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110539.D
Acq: 7 Nov 2018 2:10

Instrument :
BNA_F
ClientSampleId :
SB-S

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.9	19.7	29.5

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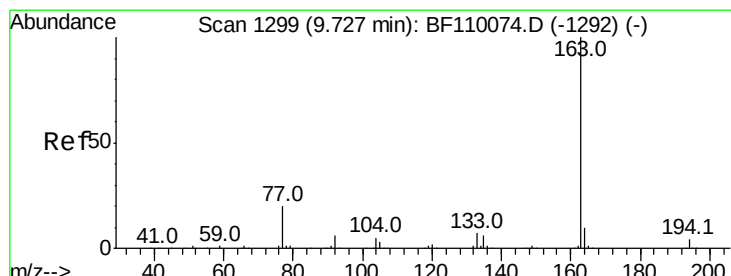
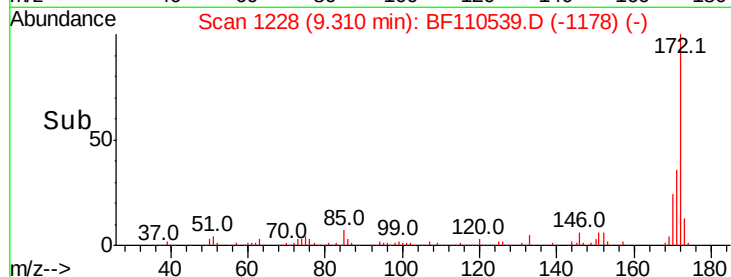
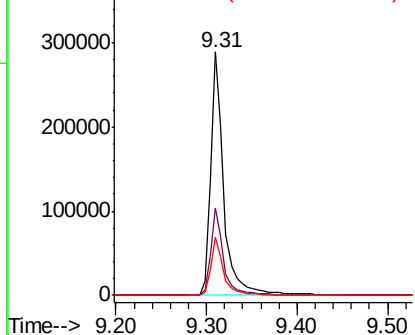


Abundance

Ion 172.00 (171.70 to 172.70): E

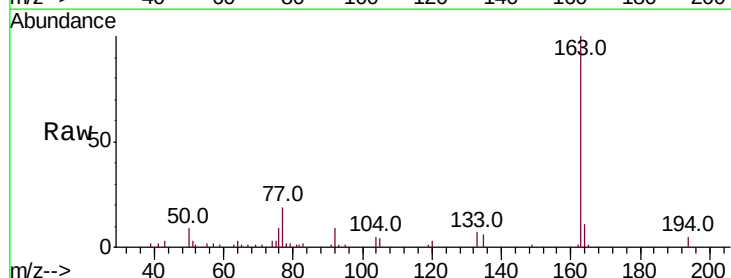
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 4.198 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110539.D
Acq: 7 Nov 2018 2:10

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	4.6	3.2	4.8
164	10.5	8.1	12.1

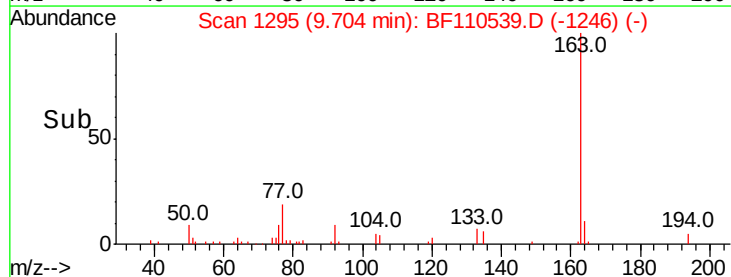
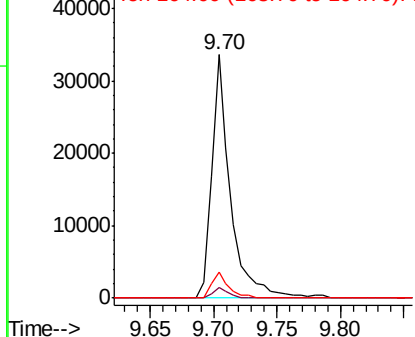


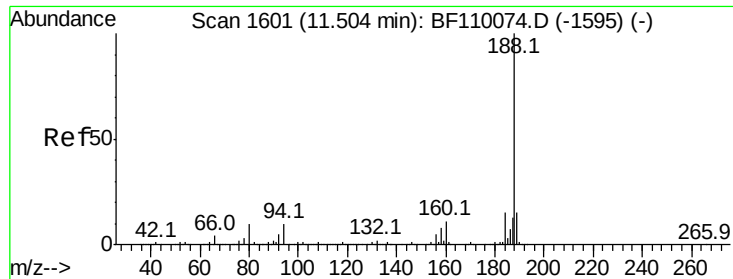
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF110539.D

Acq: 7 Nov 2018 2:10

Instrument :

BNA_F

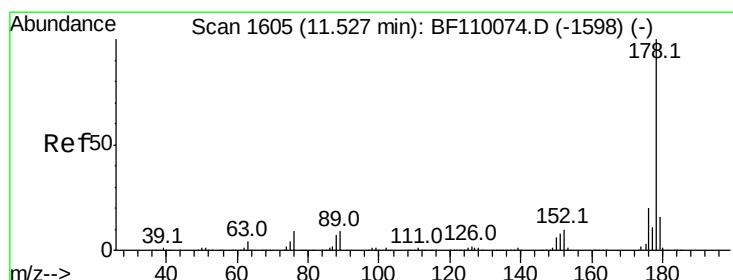
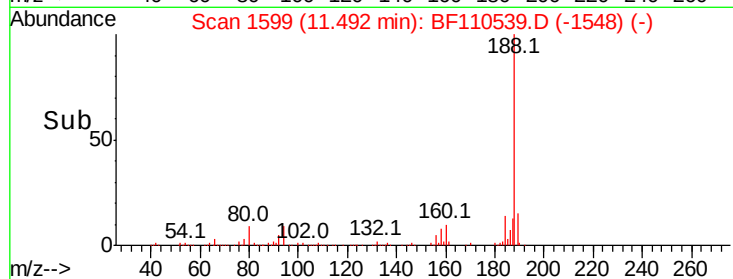
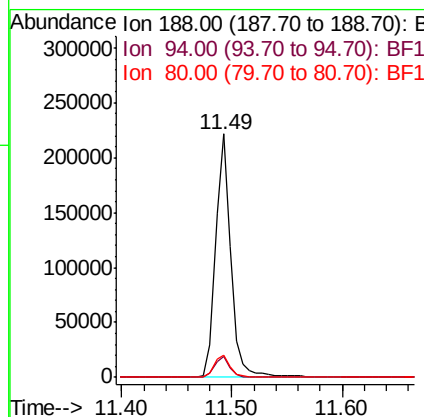
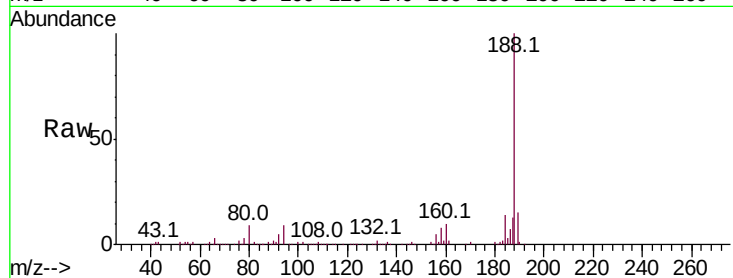
ClientSampleId :

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Tot Ion:	188	Resp:	209439
Ion Ratio	Lower	Upper	
188	100		
94	8.7	7.2	10.8
80	8.9	7.9	11.9

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#71

Phenanthrene

Concen: 4.000 ng

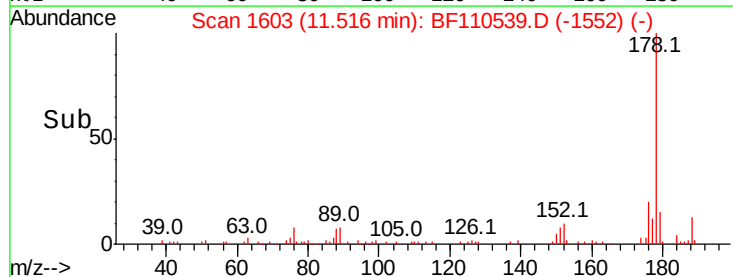
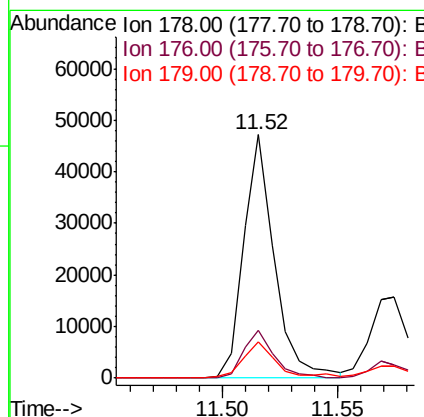
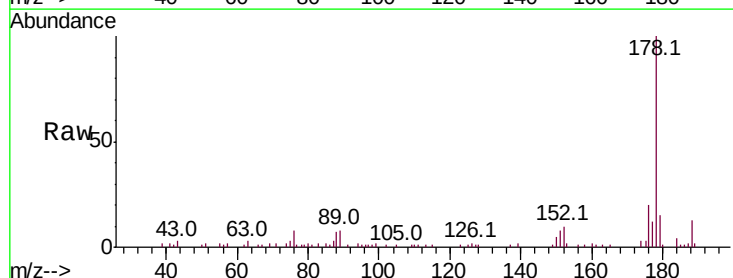
RT: 11.52 min Scan# 1603

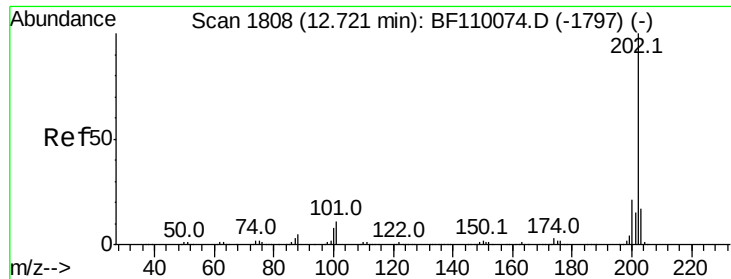
Delta R.T. 0.00 min

Lab File: BF110539.D

Acq: 7 Nov 2018 2:10

Tgt Ion:	178	Resp:	43835
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.5	23.3
179	14.8	12.5	18.7





#75

Fluoranthene

Concen: 9.137 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF110539.D

Acq: 7 Nov 2018 2:10

Instrument :

BNA_F

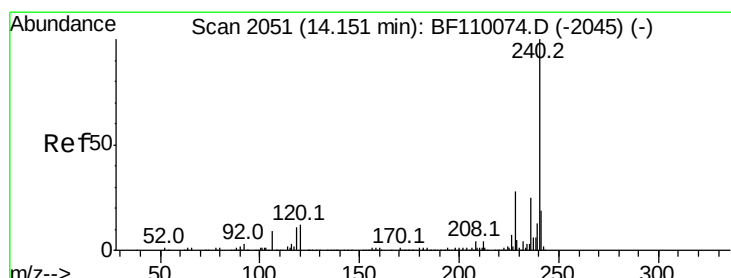
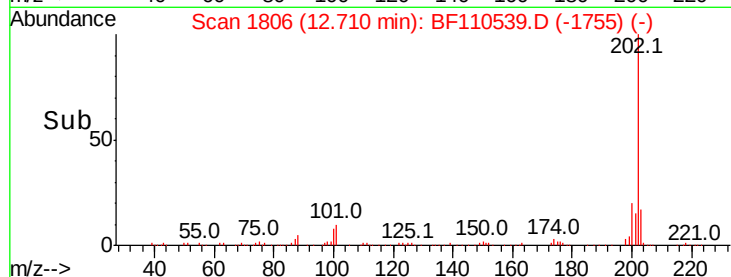
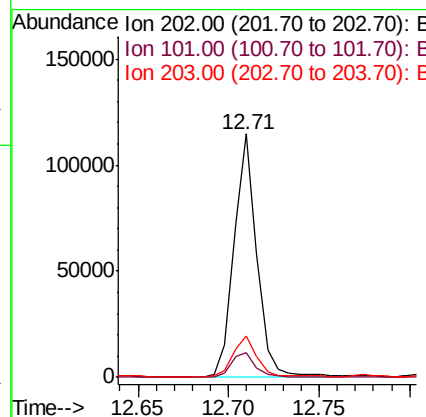
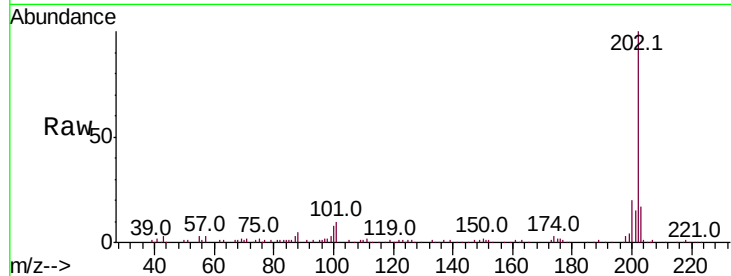
ClientSampleId :

SB-S

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.3	0.0	31.4
203	17.1	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

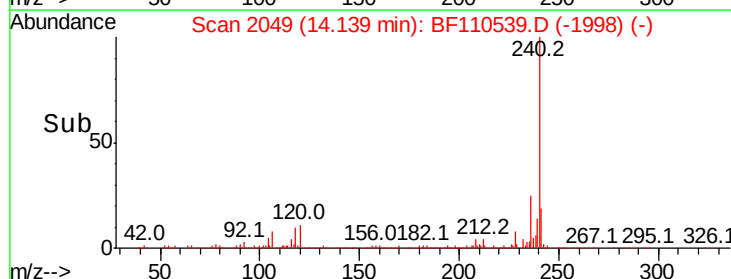
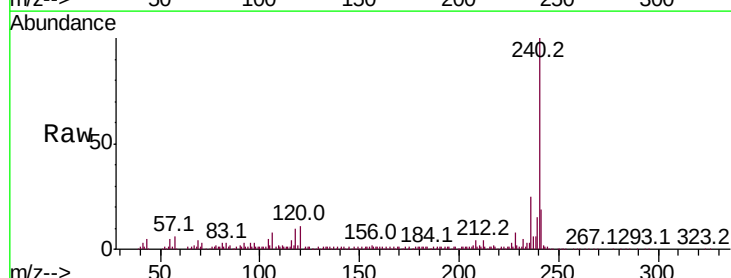
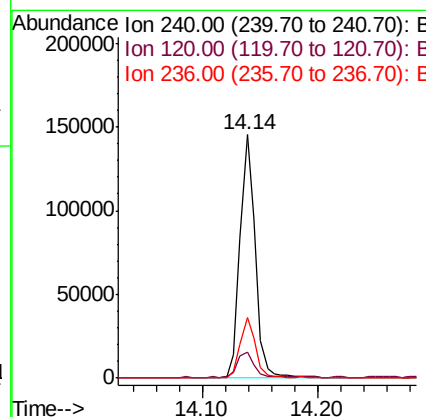
RT: 14.14 min Scan# 2049

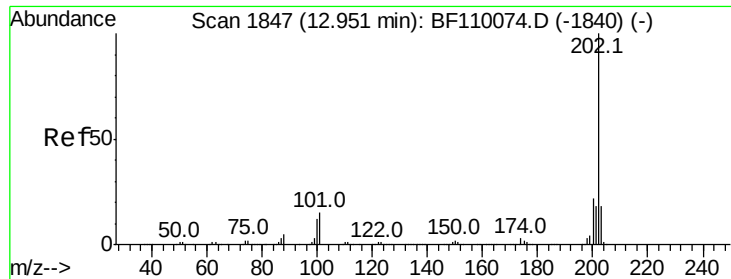
Delta R.T. 0.00 min

Lab File: BF110539.D

Acq: 7 Nov 2018 2:10

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.7	8.3	12.5
236	25.1	21.2	31.8





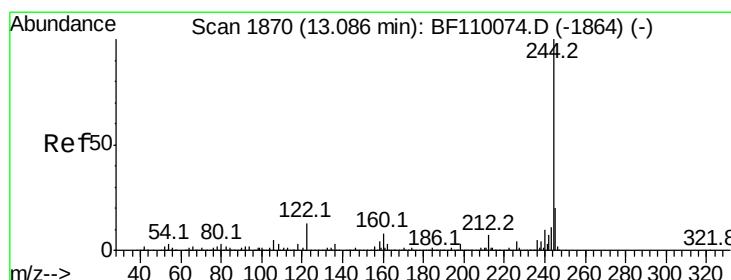
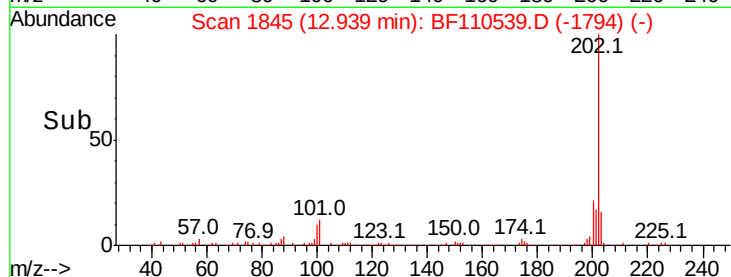
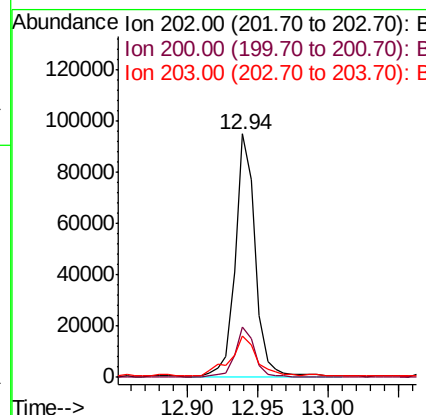
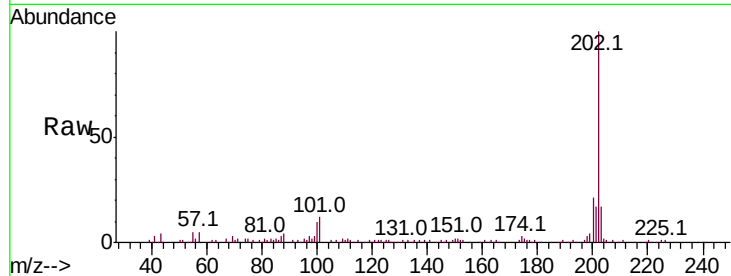
#78
Pvrene
Concen: 9.615 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110539.D
Acq: 7 Nov 2018 2:10

Instrument :
BNA_F
ClientSampleId :
SB-S

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.6
203	16.9	14.2	21.4

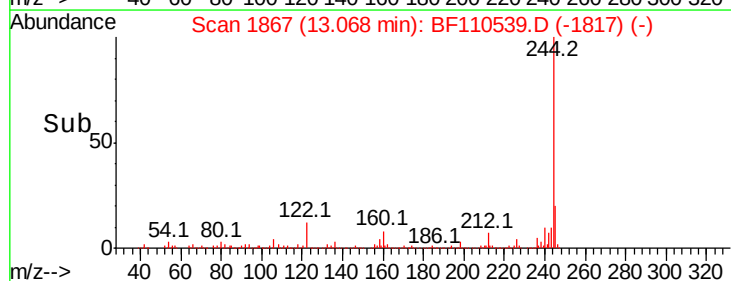
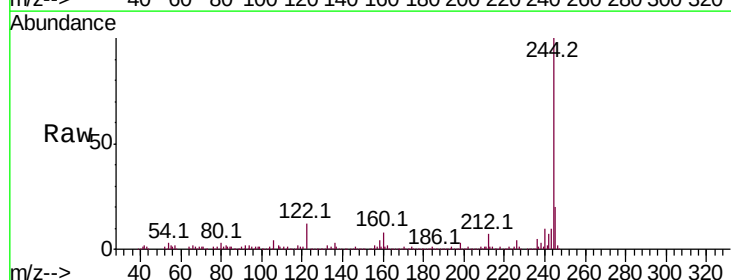
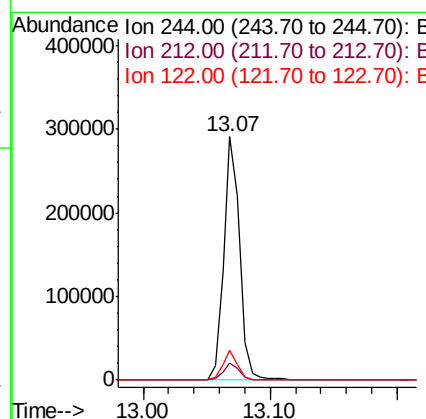
Manual Integrations
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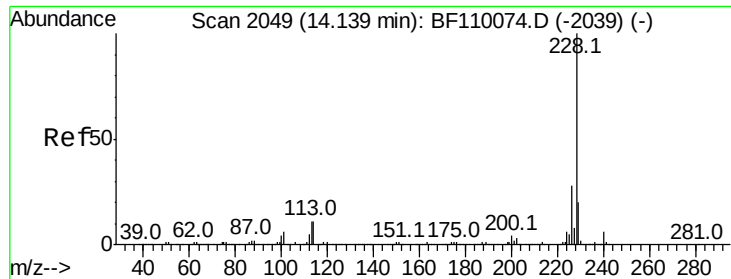
Sohil
11/7/2018 2:54:56 PM



#79
Terphenyl-d14
Concen: 39.961 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110539.D
Acq: 7 Nov 2018 2:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.0	8.7	13.1





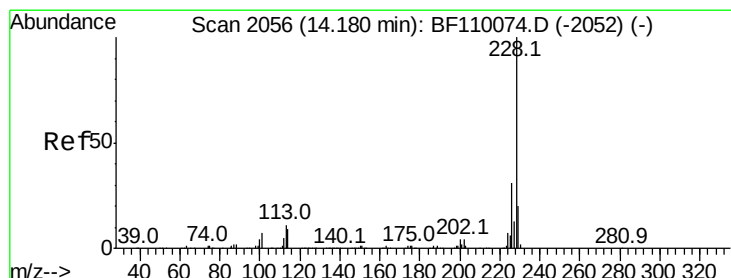
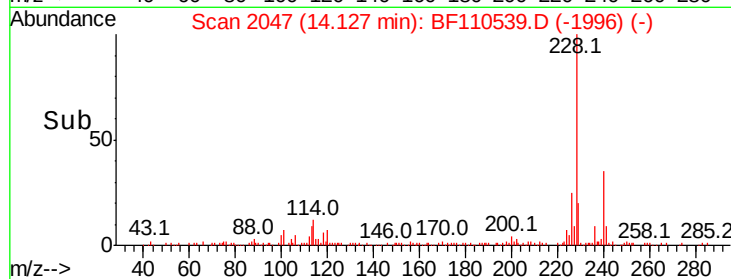
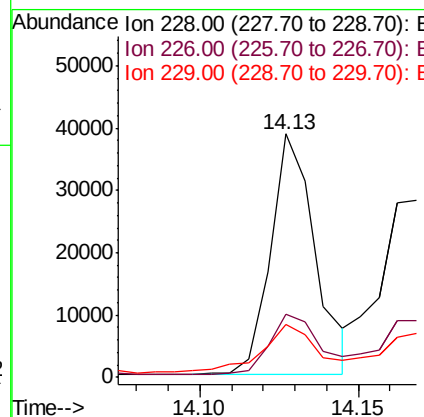
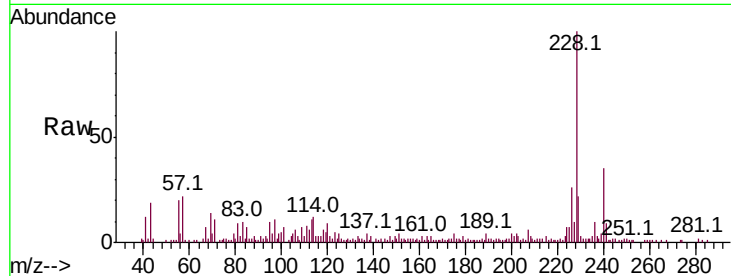
#81
Benzo(a)anthracene
Concen: 4.777 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BF110539.D
Acq: 7 Nov 2018 2:10

Instrument :
BNA_F
ClientSampled :
SB-S

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.1	22.1	33.1
229	21.9	15.6	23.4

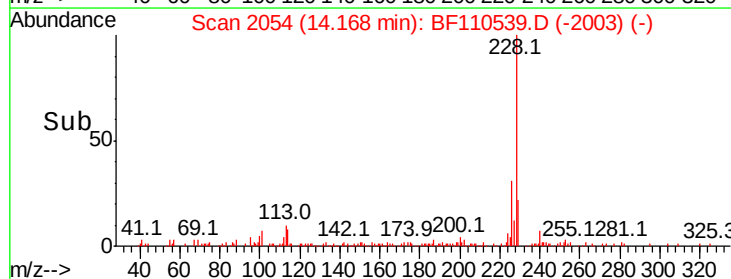
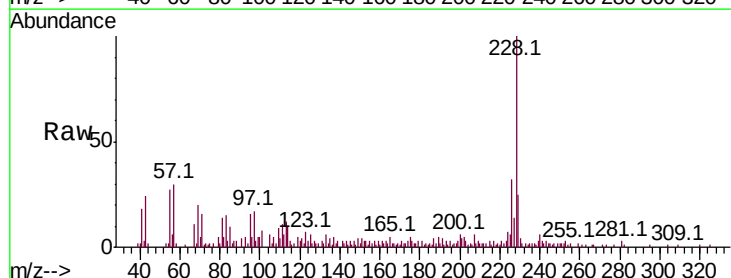
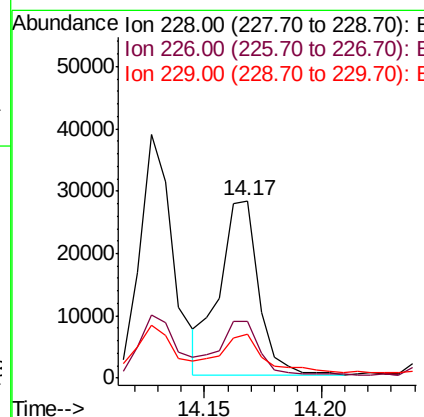
Manual Integrations
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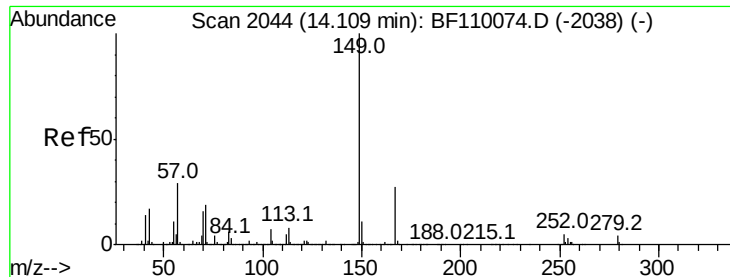
Sohil
11/7/2018 2:54:56 PM



#83
Chrysene
Concen: 4.380 ng m
RT: 14.17 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BF110539.D
Acq: 7 Nov 2018 2:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.7	37.1
229	24.7	15.9	23.9#





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.890 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF110539.D

Acq: 7 Nov 2018 2:10

Instrument :

BNA_F

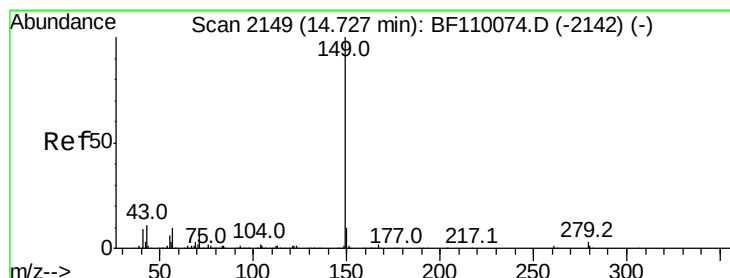
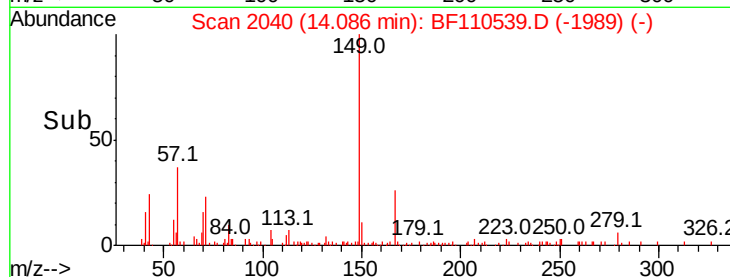
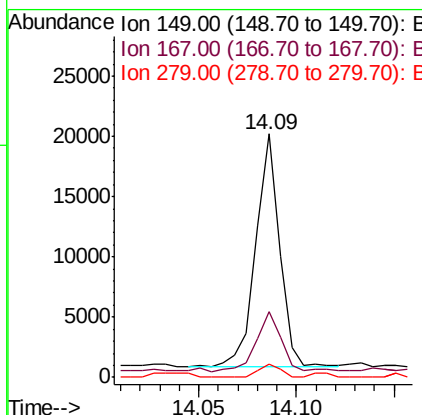
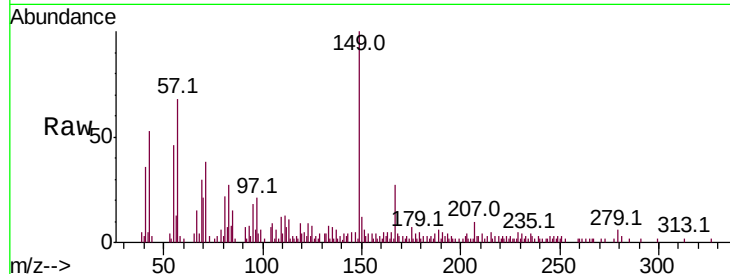
ClientSampled :

SB-S

Tot Ion:	149	Resp:	16304
Ion Ratio	Lower	Upper	
149	100		
167	27.1	19.8	29.8
279	5.6	2.7	4.1#

Manual Integrations
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11/7/2018 2:54:56 PM



#85

Di-n-octyl phthalate

Concen: 2.523 ng

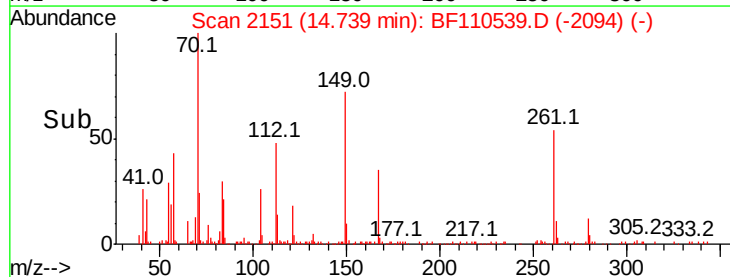
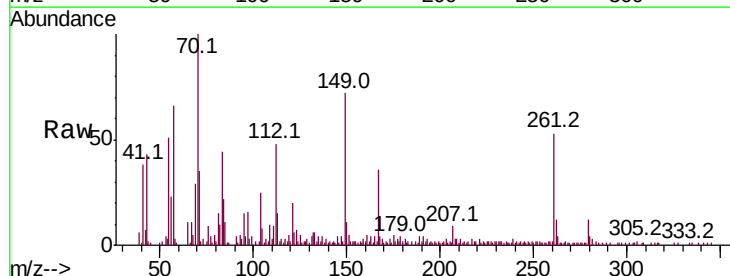
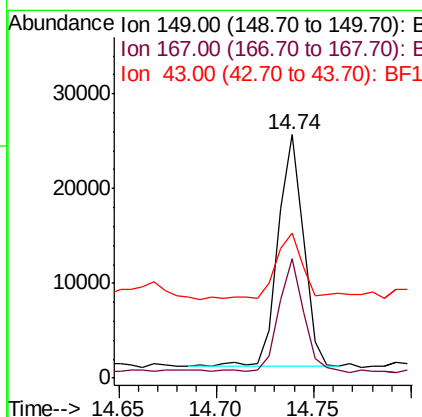
RT: 14.74 min Scan# 2151

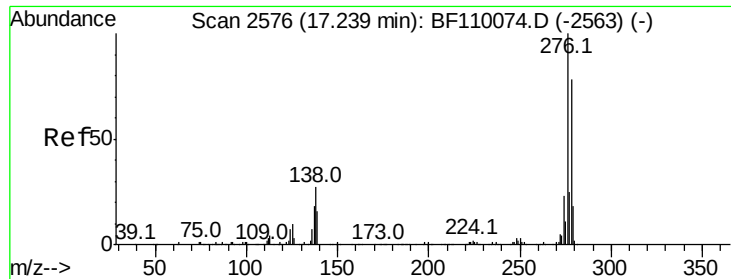
Delta R.T. 0.04 min

Lab File: BF110539.D

Acq: 7 Nov 2018 2:10

Tgt Ion:	149	Resp:	22131
Ion Ratio	Lower	Upper	
149	100		
167	48.5	1.1	1.7#
43	27.3	7.8	11.8#





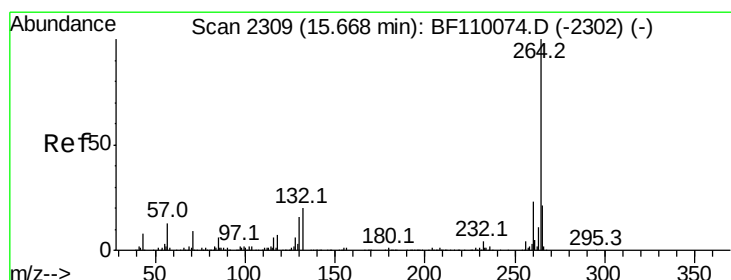
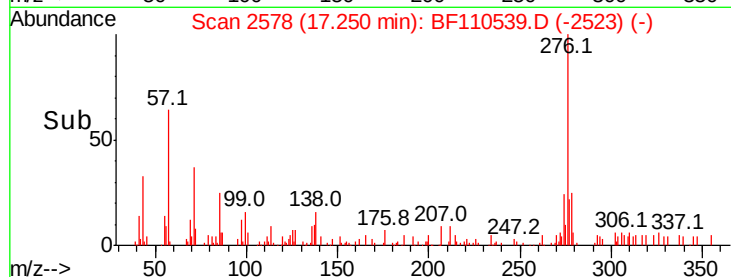
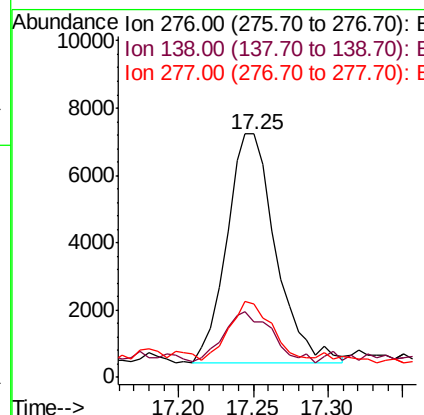
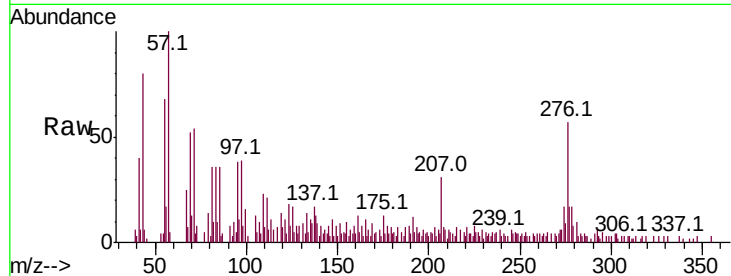
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.494 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.02 min
Lab File: BF110539.D
Acq: 7 Nov 2018 2:10

Instrument :
BNA_F
ClientSampled :
SB-S

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	18.5	27.7
277	21.9	20.0	30.0

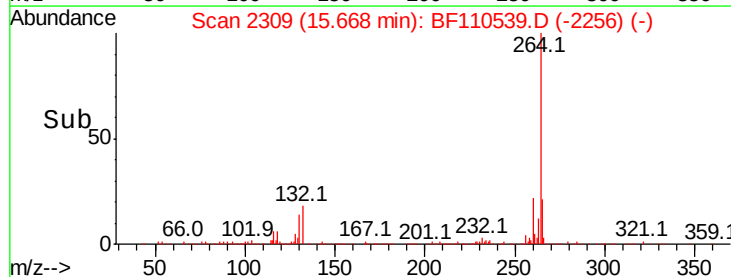
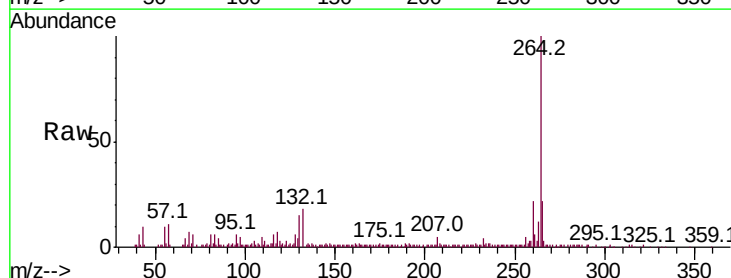
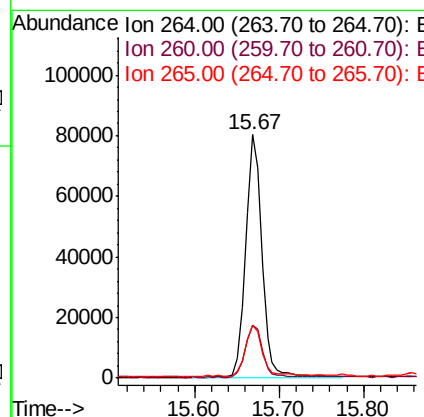
Manual Integrations
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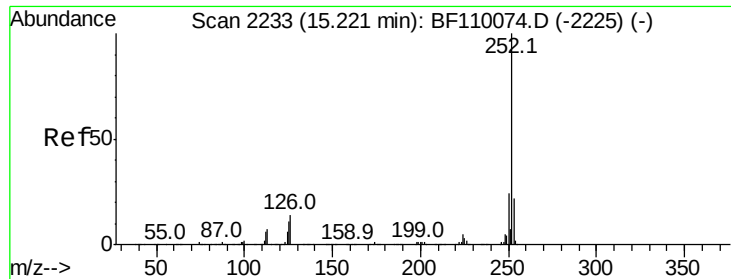
Sohil
11/7/2018 2:54:56 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110539.D
Acq: 7 Nov 2018 2:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.7	28.1
265	21.7	16.7	25.1





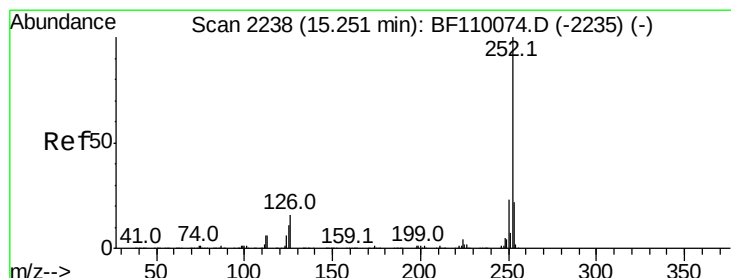
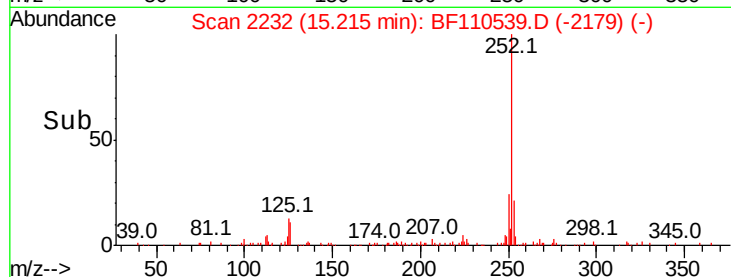
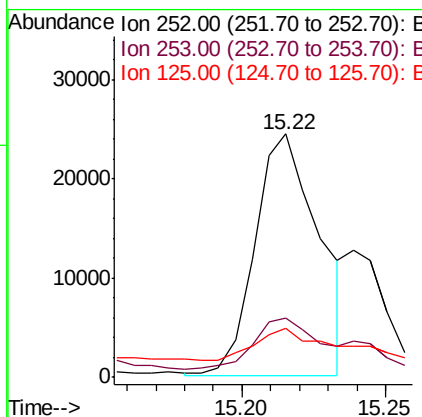
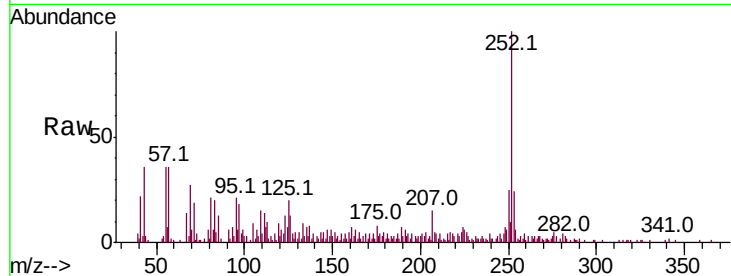
#88
Benzo(b)fluoranthene
Concen: 6.021 ng m
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110539.D
Acq: 7 Nov 2018 2:10

Instrument :
BNA_F
ClientSampleId :
SB-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.2	25.8
125	20.0	8.2	12.4

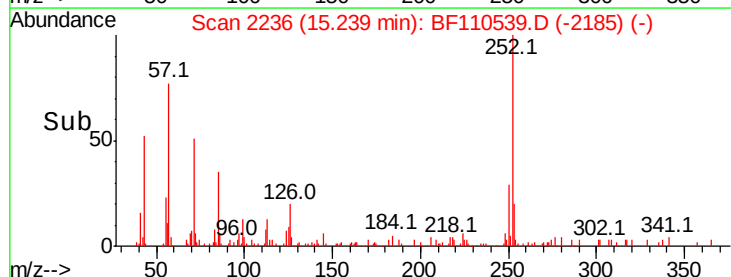
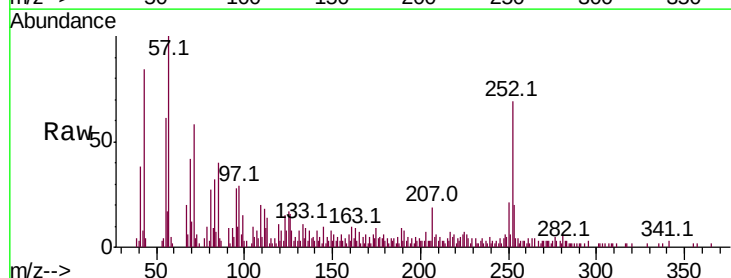
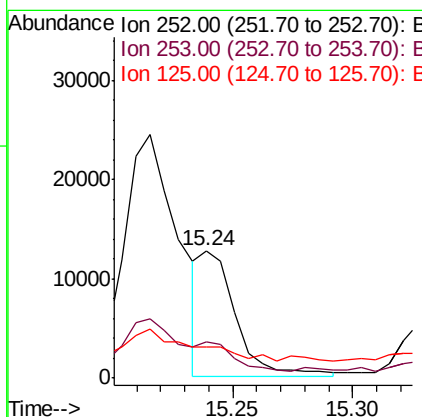
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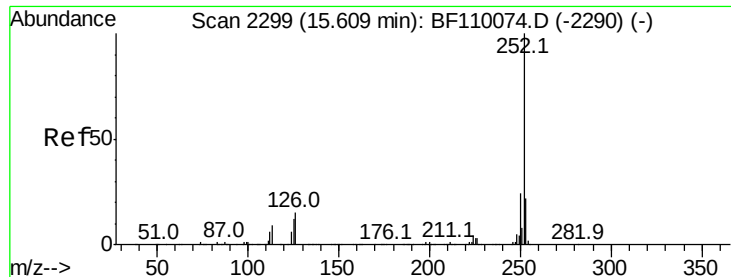
Sohil
11/7/2018 2:54:56 PM



#89
Benzo(k)fluoranthene
Concen: 2.117 ng m
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110539.D
Acq: 7 Nov 2018 2:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.2	25.8
125	24.8	7.4	11.0





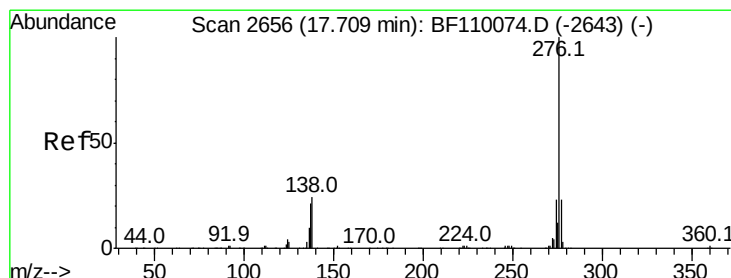
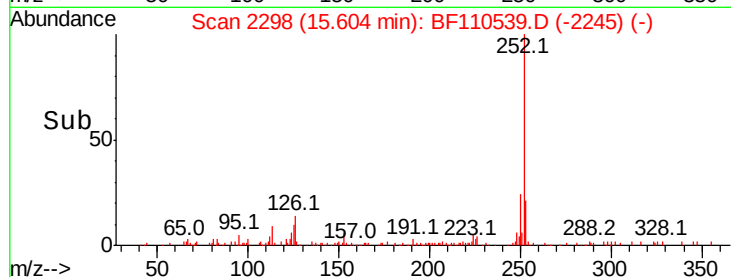
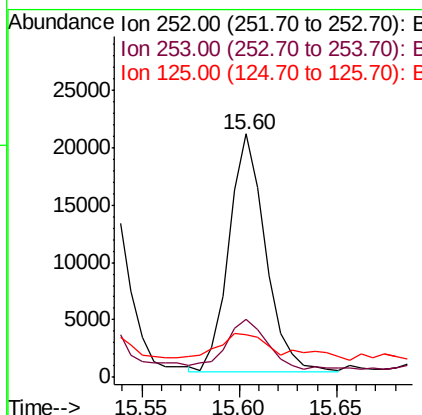
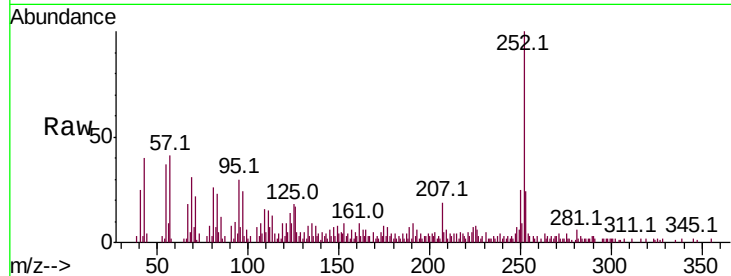
#90
Benzo(a)pyrene
Concen: 4.653 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110539.D
Acq: 7 Nov 2018 2:10

Instrument :
BNA_F
ClientSampled :
SB-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.4
125	17.6	9.0	13.6

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:56 PM



#92
Benzo(g,h,i)perylene
Concen: 3.347 ng
RT: 17.73 min Scan# 2660
Delta R.T. 0.03 min
Lab File: BF110539.D
Acq: 7 Nov 2018 2:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.1	18.8	28.2
138	27.3	16.0	24.0

