

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110535.D
 Acq On : 7 Nov 2018 00:22
 Operator : JU/SJ
 Sample : J5764-13 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-110218-G

Manual Integrations
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Sohil
 11/7/2018 2:54:49 PM

Quant Time: Nov 07 13:06:27 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	85521	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	323476	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	122983	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	209696	20.00	ng	0.00
76) Chrysene-d12	14.14	240	142825	20.00	ng	0.00
87) Perylene-d12	15.67	264	110025	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	83211	15.84	ng	0.00
7) Phenol-d6	6.57	99	107785	16.05	ng	0.00
23) Nitrobenzene-d5	7.52	82	56566	10.37	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	17040	13.99	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	118054	15.07	ng	0.00
79) Terphenyl-d14	13.07	244	97280	14.17	ng	0.00
Target Compounds						
71) Phenanthrene	11.52	178	46946	4.279	ng	97
75) Fluoranthene	12.71	202	75055	6.740	ng	97
78) Pyrene	12.94	202	68980	6.737	ng	97
81) Benzo(a)anthracene	14.13	228	29379	3.469	ng	# 95
83) Chrysene	14.16	228	27321	3.396	ng	# 93
84) Bis(2-ethylhexyl)phthalate	14.09	149	24502	4.078	ng	# 96
88) Benzo(b)fluoranthene	15.22	252	27631m	4.349	ng	
90) Benzo(a)pyrene	15.60	252	18666	3.193	ng	# 74
92) Benzo(g,h,i)perylene	17.73	276	12846	2.584	ng	# 79

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

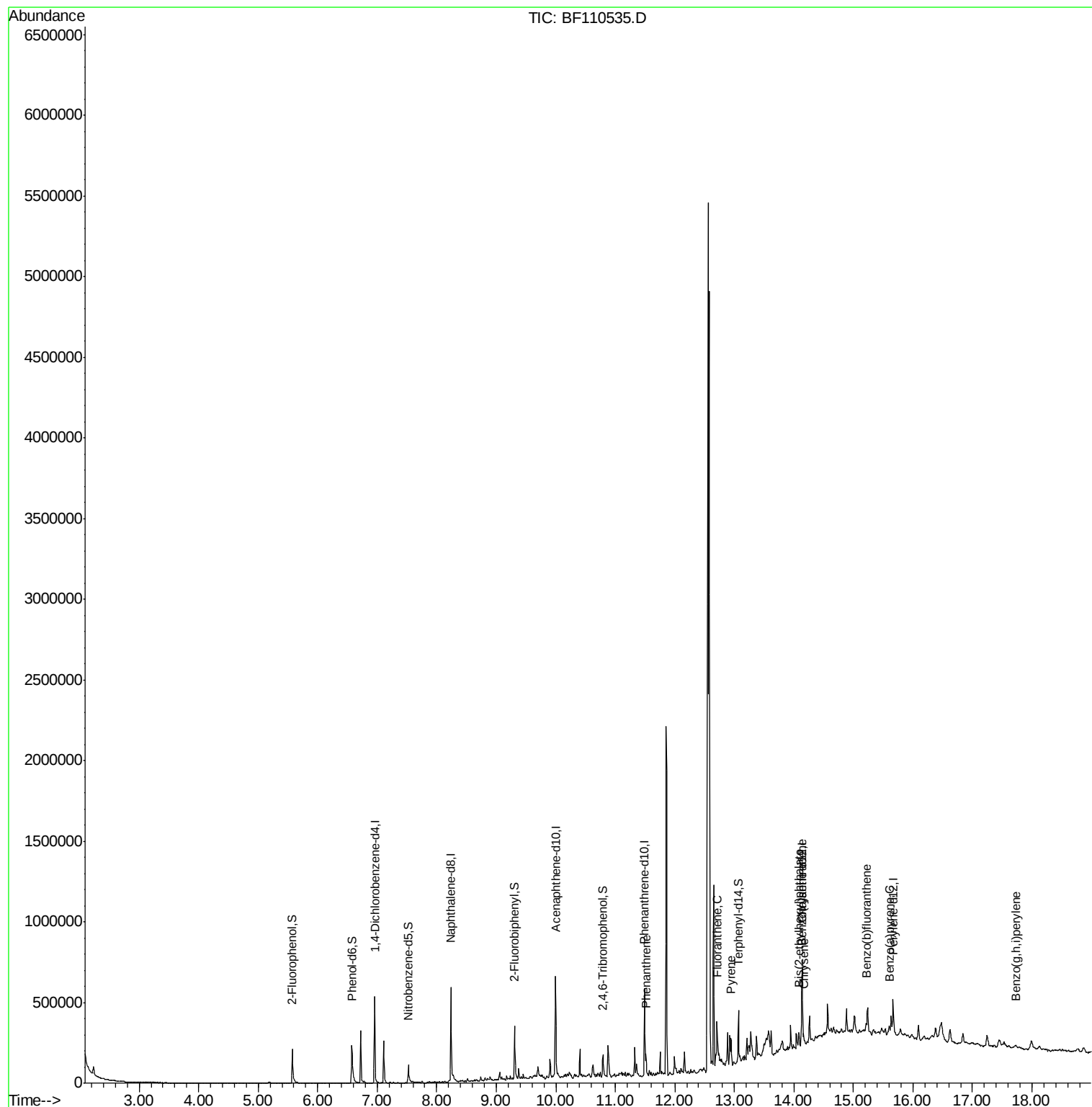
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
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#1

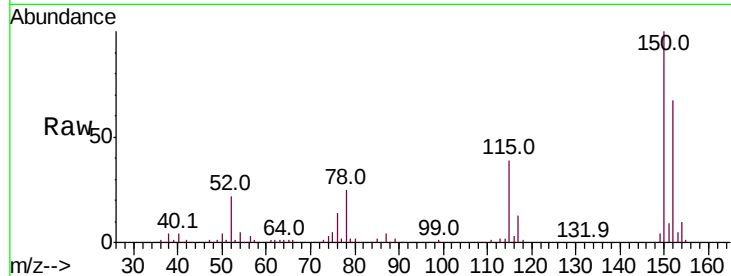
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110535.D
Acq: 7 Nov 2018 00:22

Instrument :
BNA_F
ClientSampleId :
JC-03-110218-G

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.1	122.7	184.1
115	58.1	49.1	73.7

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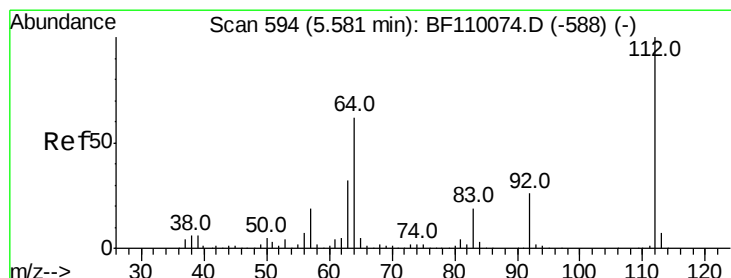
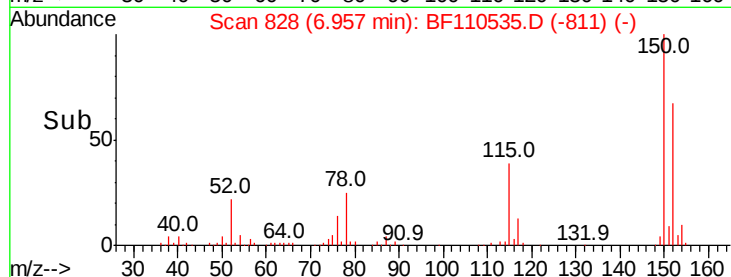
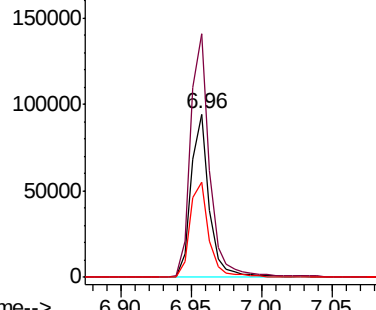


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

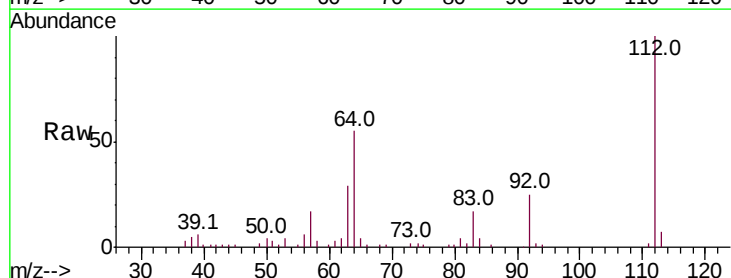
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 15.845 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110535.D
Acq: 7 Nov 2018 00:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	44.1	66.1
63	28.5	23.7	35.5

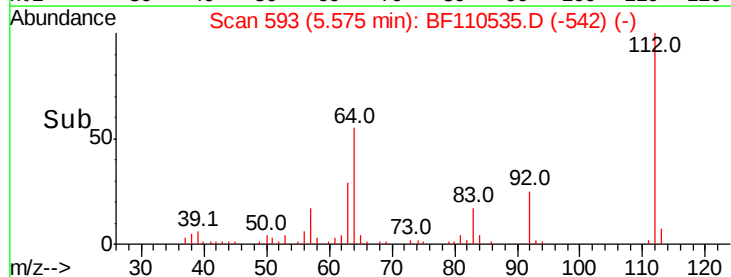
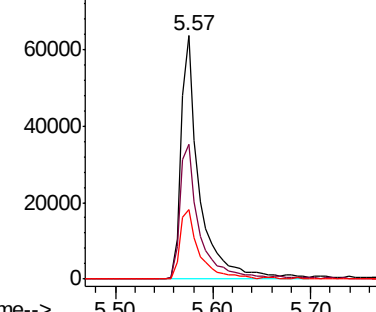


Abundance

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: 16.046 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110535.D

Acq: 7 Nov 2018 00:22

Instrument :

BNA_F

ClientSampleId :

JC-03-110218-G

Tot Ion: 99 Resp: 107785

Ion Ratio Lower Upper

99 100

42 18.3 15.8 23.6

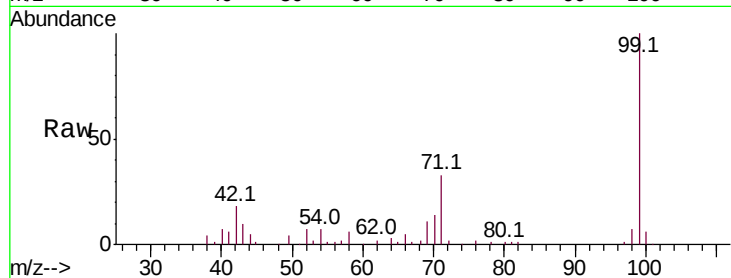
71 32.8 28.0 42.0

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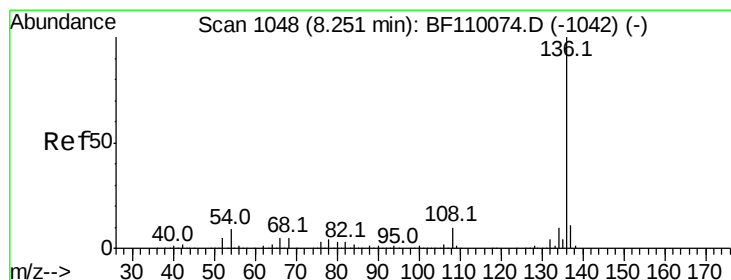
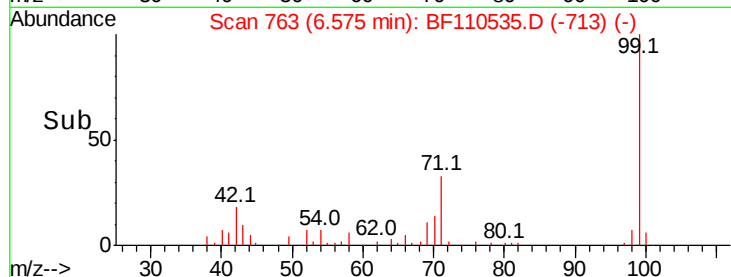
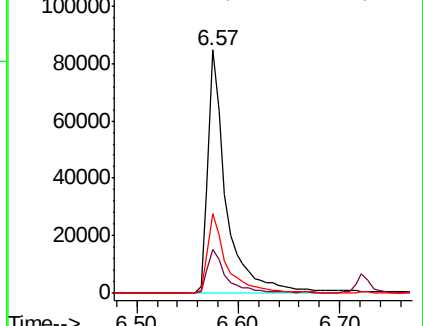
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110535.D

Acq: 7 Nov 2018 00:22

Tgt Ion: 136 Resp: 323476

Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.8 5.4 8.2

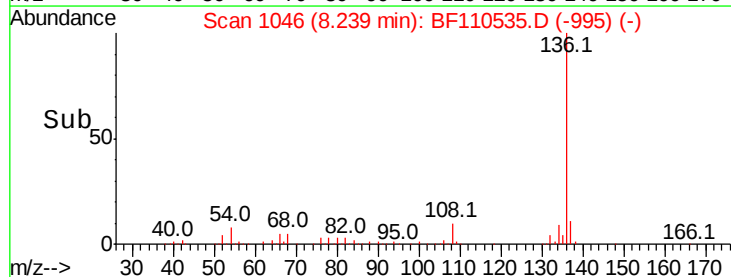
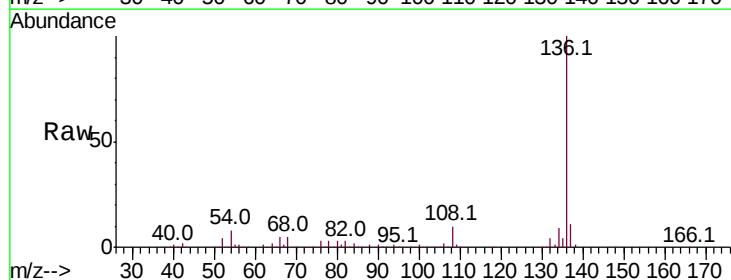
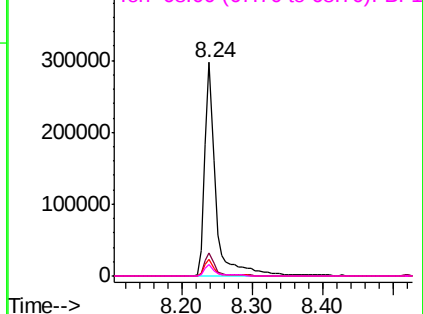
68 5.3 4.2 6.2

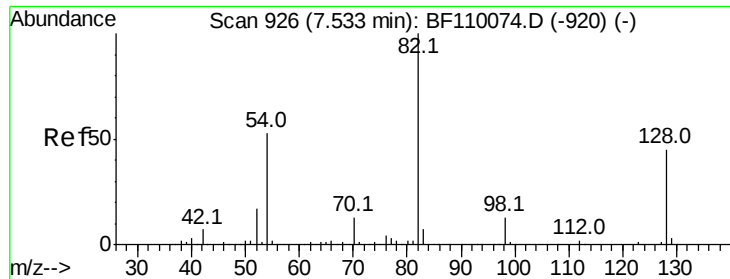
Abundance Ion 136.00 (135.70 to 136.70): E

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





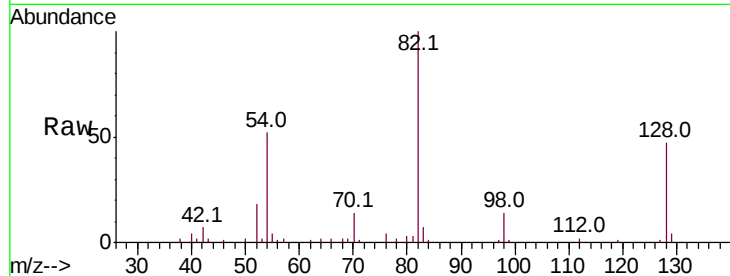
#23
 Nitrobenzene-d5
 Concen: 10.372 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110535.D
 Acq: 7 Nov 2018 00:22

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-110218-G

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.2	51.2
54	51.9	38.6	58.0

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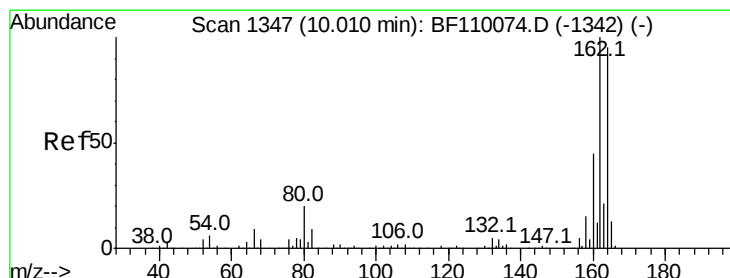
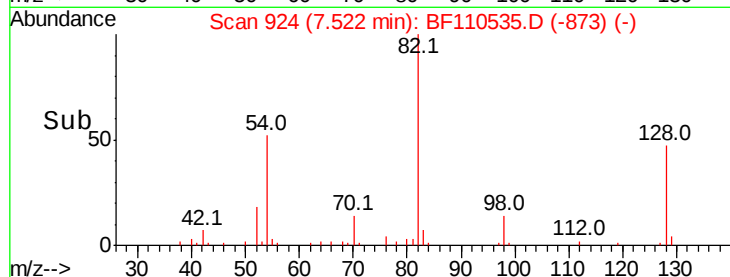
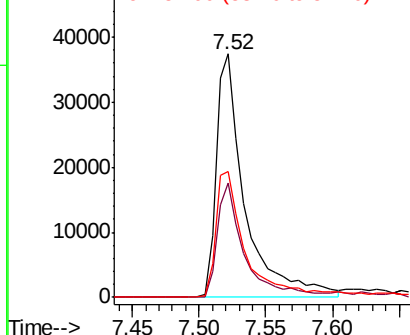


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: BF110535.D
 Acq: 7 Nov 2018 00:22

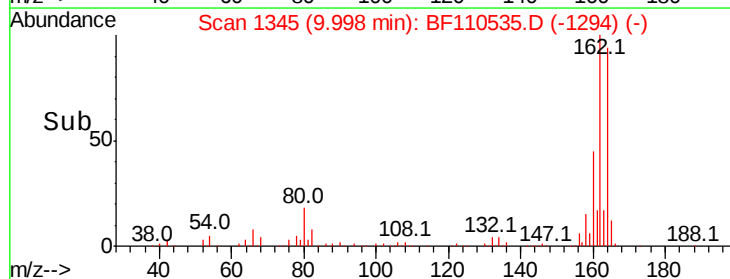
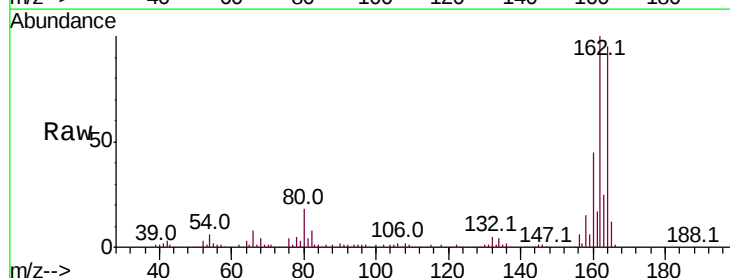
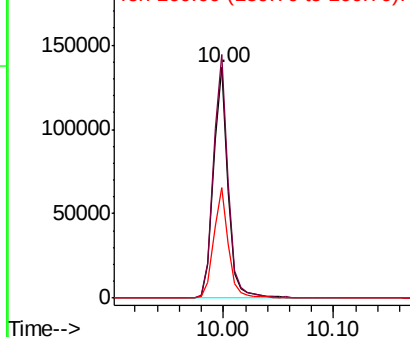
Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.0	124.6
160	48.0	37.0	55.6

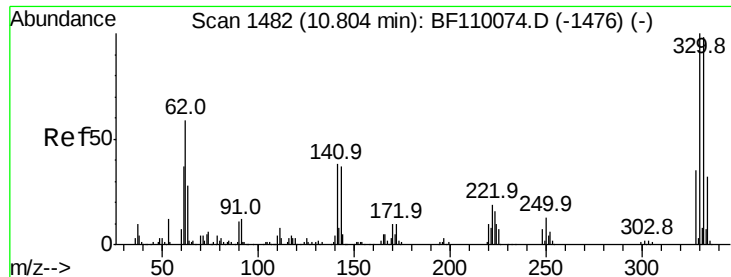
Abundance

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





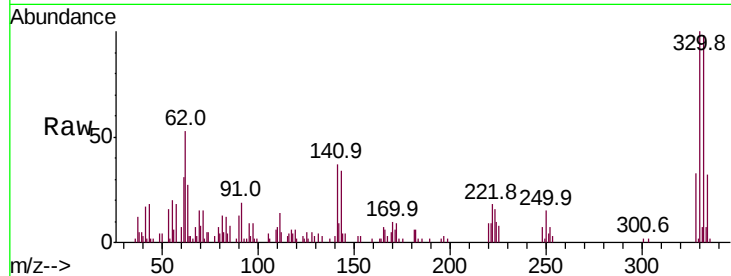
#42
 2,4,6-Tribromophenol
 Concen: 13.988 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF110535.D
 Acq: 7 Nov 2018 00:22

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-110218-G

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.1	115.7
141	44.8	27.0	40.4

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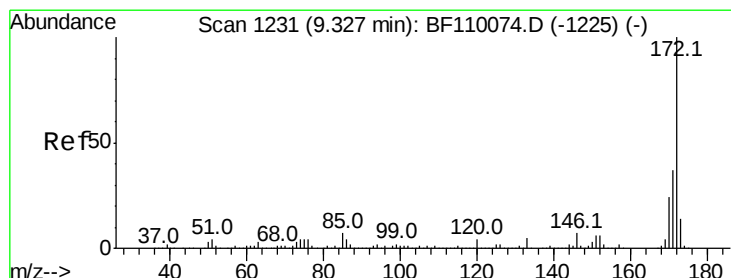
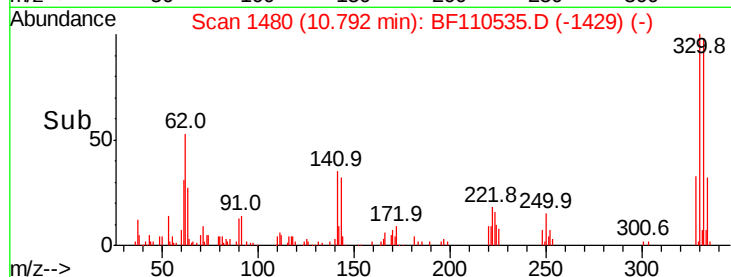
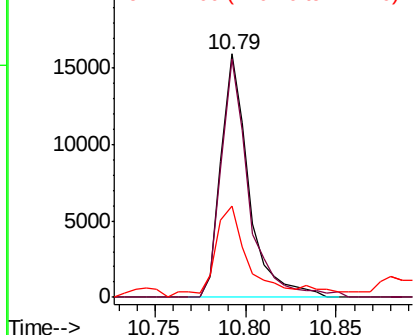


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 15.073 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110535.D
 Acq: 7 Nov 2018 00:22

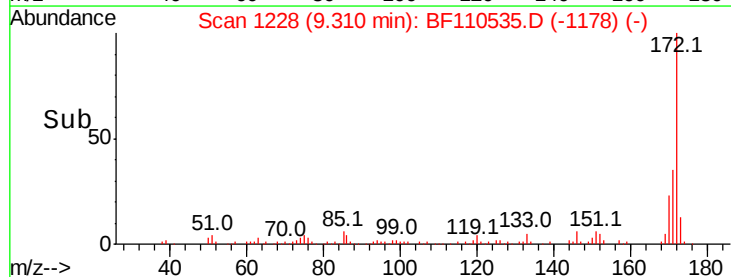
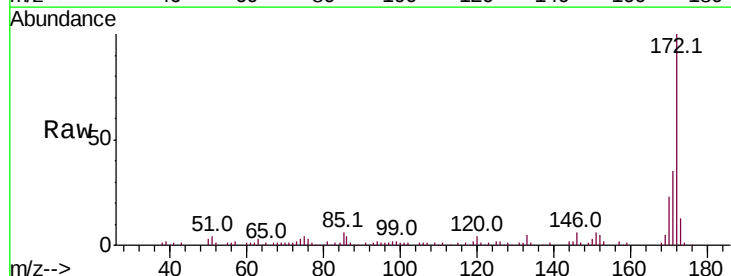
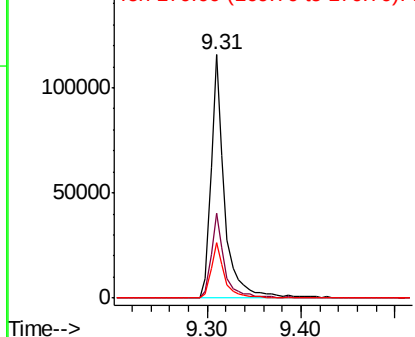
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	43.0
170	22.8	19.7	29.5

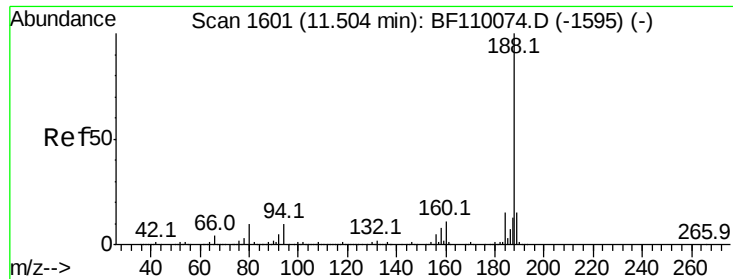
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF110535.D

Acq: 7 Nov 2018 00:22

Instrument :

BNA_F

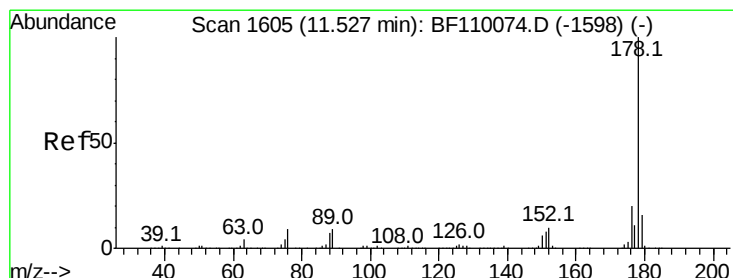
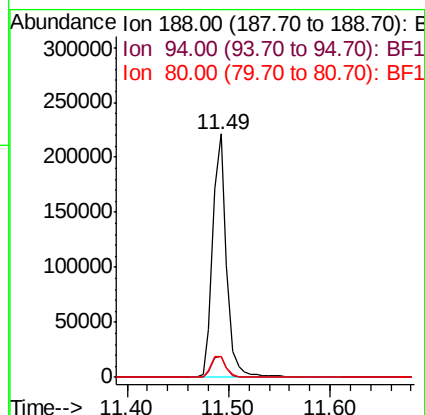
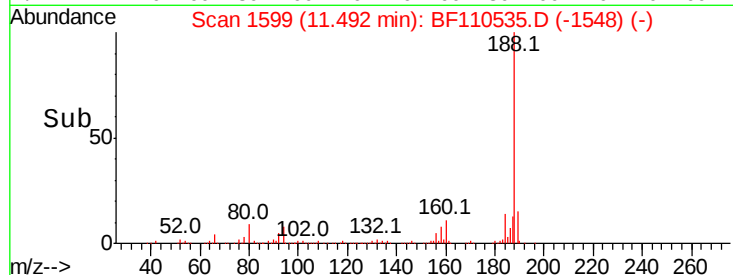
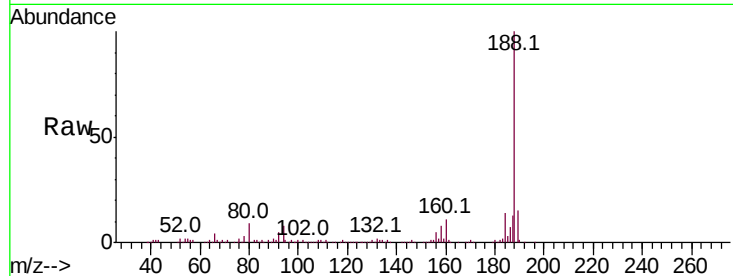
ClientSampleId :

JC-03-110218-G

Tot Ion:	188	Resp:	209696
Ion Ratio	Lower	Upper	
188	100		
94	8.5	7.2	10.8
80	8.6	7.9	11.9

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#71

Phenanthrene

Concen: 4.279 ng

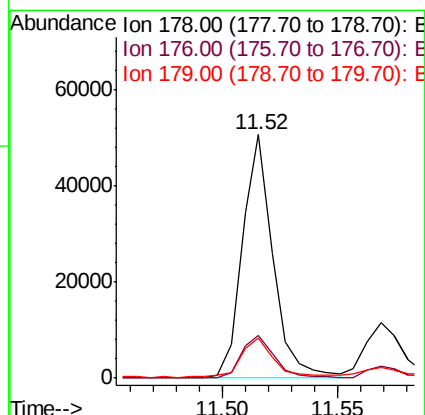
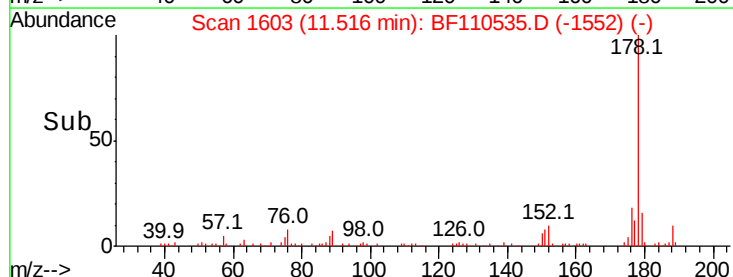
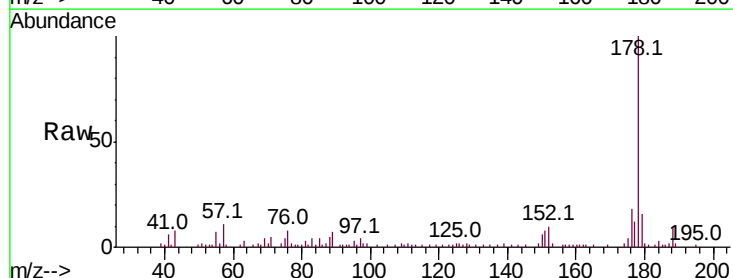
RT: 11.52 min Scan# 1603

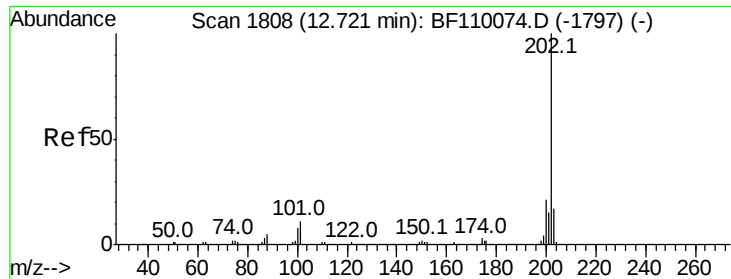
Delta R.T. 0.00 min

Lab File: BF110535.D

Acq: 7 Nov 2018 00:22

Tgt Ion:	178	Resp:	46946
Ion Ratio	Lower	Upper	
178	100		
176	17.7	15.5	23.3
179	16.2	12.5	18.7





#75

Fluoranthene

Concen: 6.740 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF110535.D

Acq: 7 Nov 2018 00:22

Instrument :

BNA_F

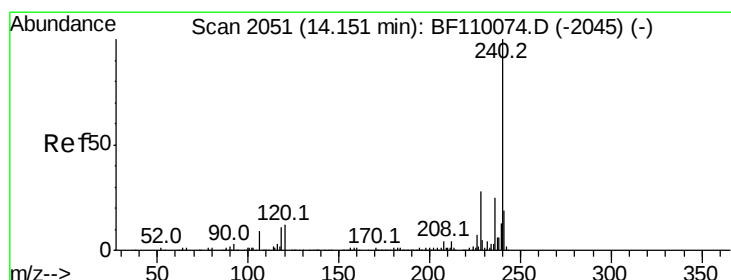
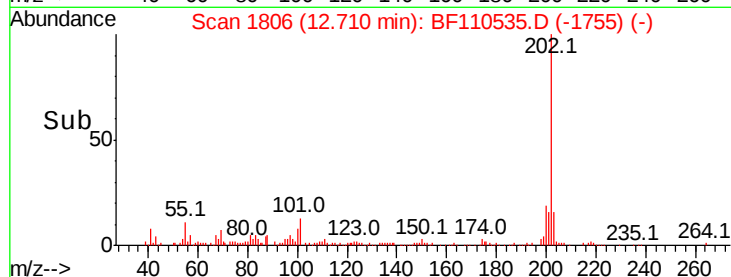
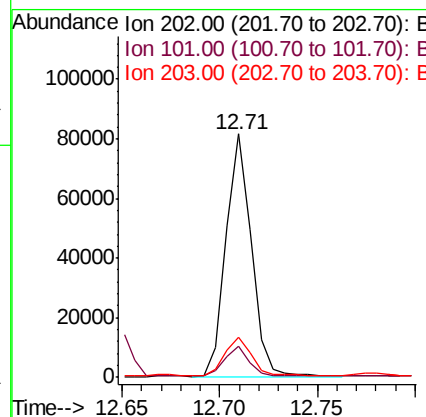
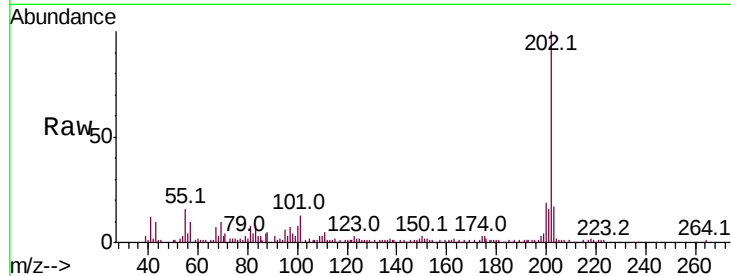
ClientSampleId :

JC-03-110218-G

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	0.0	31.4
203	16.7	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

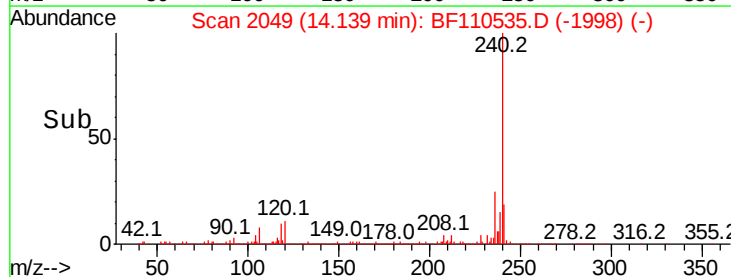
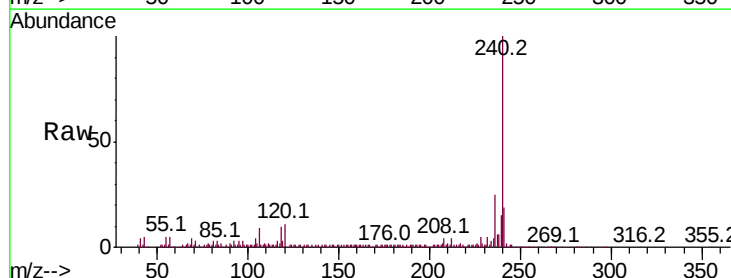
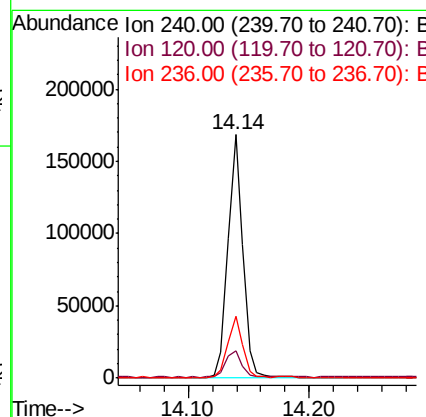
RT: 14.14 min Scan# 2049

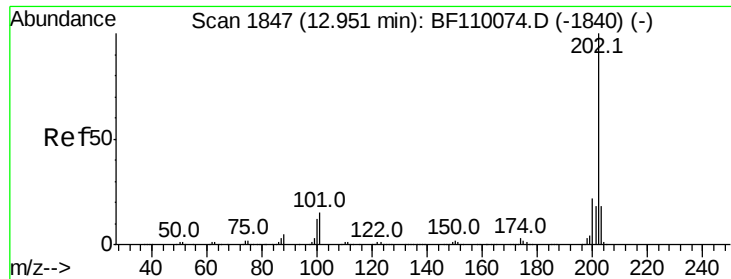
Delta R.T. 0.00 min

Lab File: BF110535.D

Acq: 7 Nov 2018 00:22

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.4	8.3	12.5
236	25.4	21.2	31.8





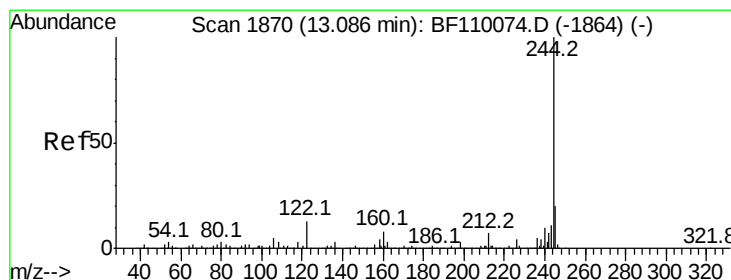
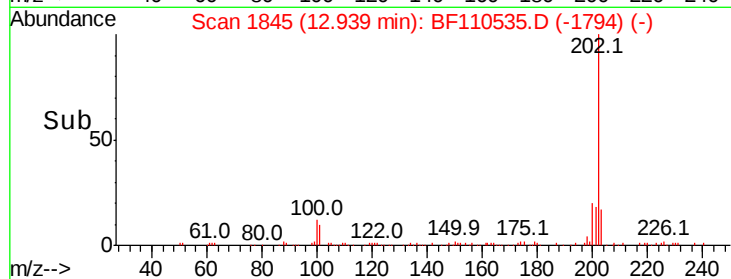
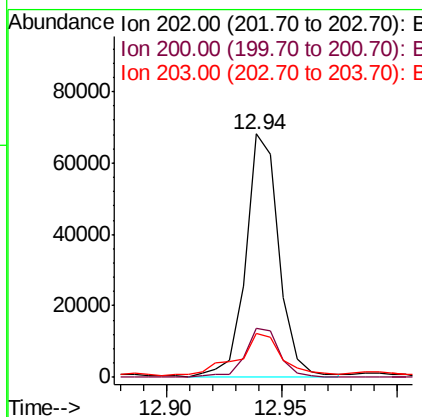
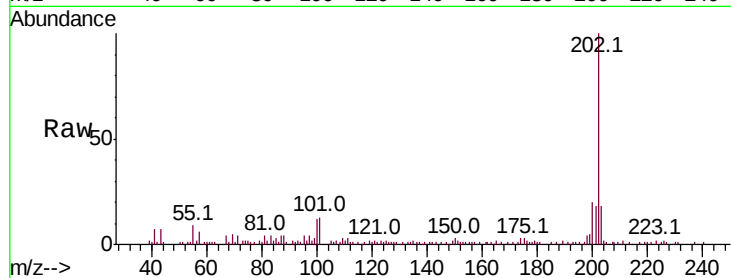
#78
Pvrene
Concen: 6.737 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110535.D
Acq: 7 Nov 2018 00:22

Instrument :
BNA_F
ClientSampleId :
JC-03-110218-G

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.8	26.6
203	18.1	14.2	21.4

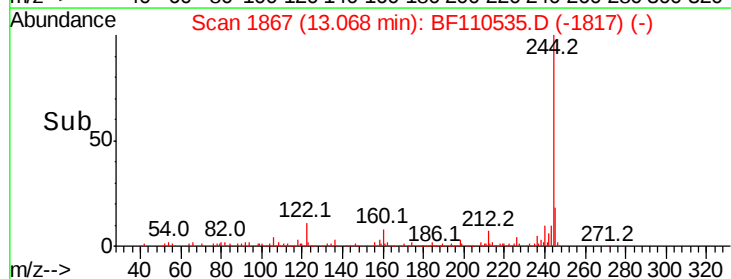
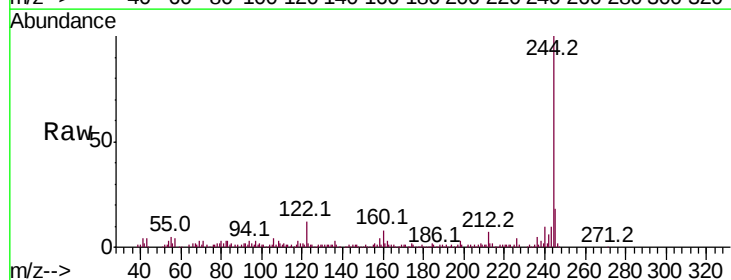
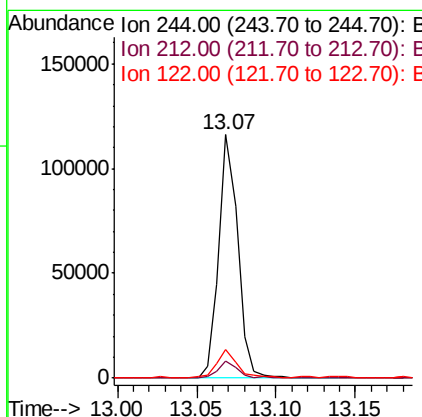
Manual Integrations
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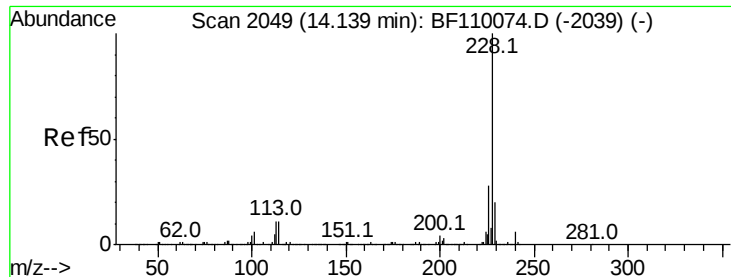
Sohil
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#79
Terphenyl-d14
Concen: 14.165 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110535.D
Acq: 7 Nov 2018 00:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.9	8.7	13.1





#81

Benzo(a)anthracene

Concen: 3.469 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110535.D

Acq: 7 Nov 2018 00:22

Instrument :

BNA_F

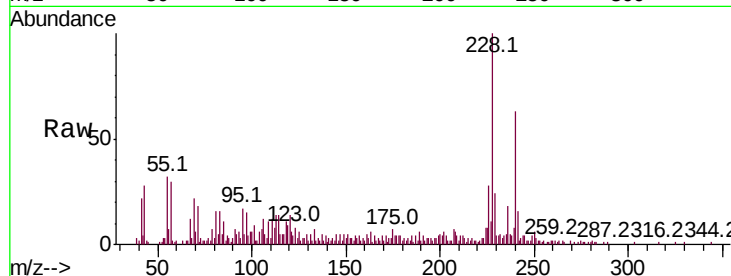
ClientSampleId :

JC-03-110218-G

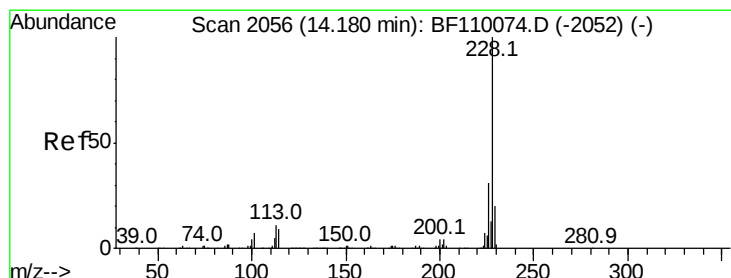
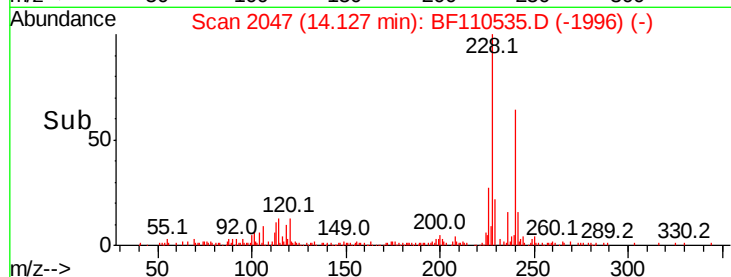
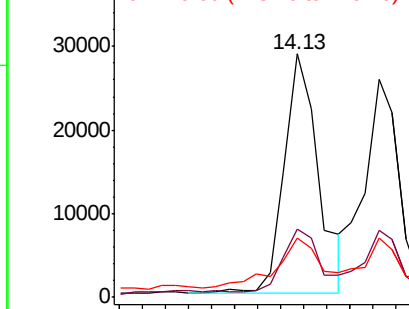
Tot Ion:228	Resp:	29379
Ion Ratio	Lower	Upper
228 100		
226 27.9	22.1	33.1
229 24.1	15.6	23.4#

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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



#83

Chrysene

Concen: 3.396 ng

RT: 14.16 min Scan# 2053

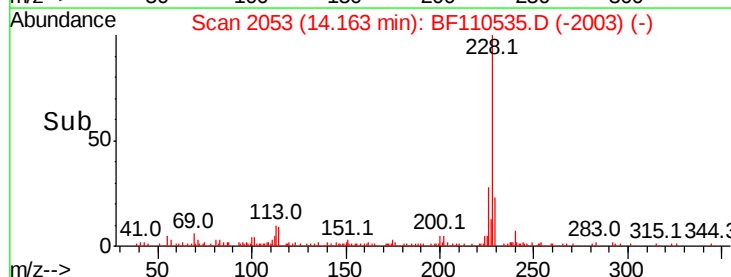
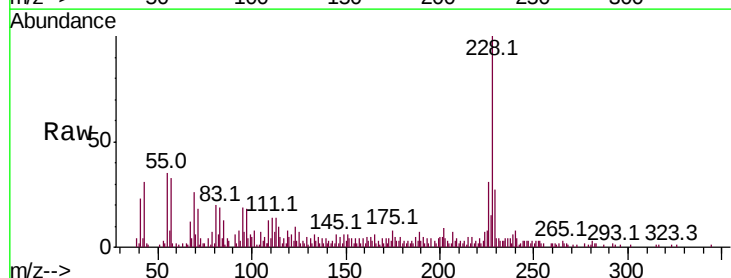
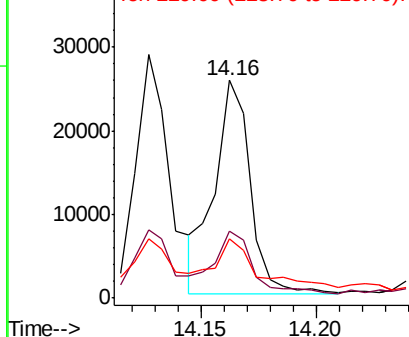
Delta R.T. -0.01 min

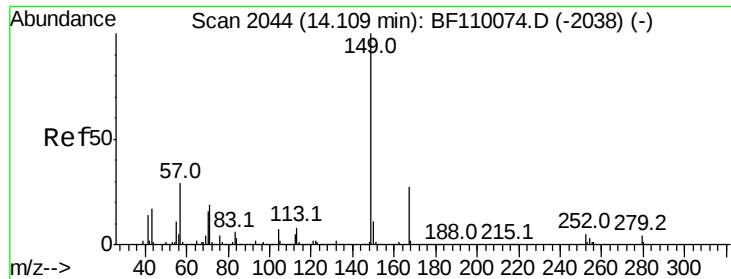
Lab File: BF110535.D

Acq: 7 Nov 2018 00:22

Tgt Ion:228	Resp:	27321
Ion Ratio	Lower	Upper
228 100		
226 30.6	24.7	37.1
229 27.3	15.9	23.9#

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.078 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF110535.D

Acq: 7 Nov 2018 00:22

Instrument :

BNA_F

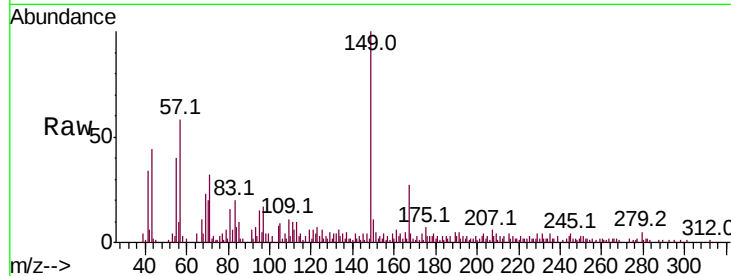
ClientSampleId :

JC-03-110218-G

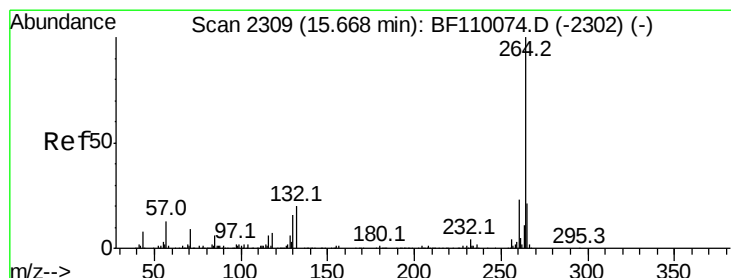
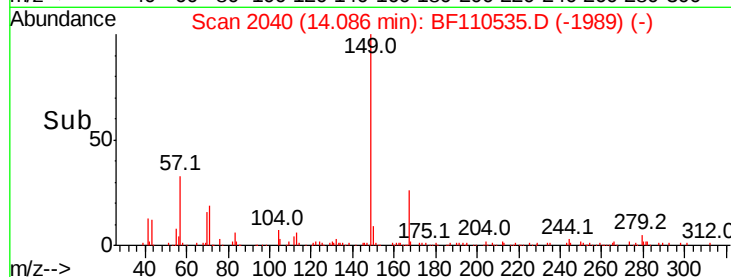
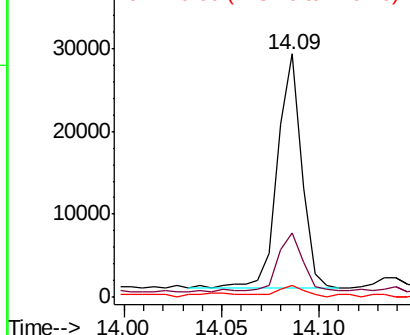
Tot Ion:	149	Resp:	24502
Ion Ratio	Lower	Upper	
149	100		
167	26.7	19.8	29.8
279	5.0	2.7	4.1

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

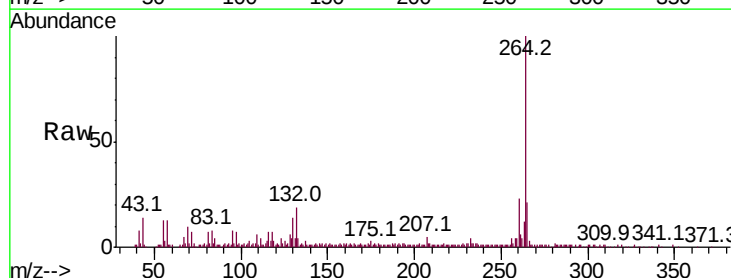
RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

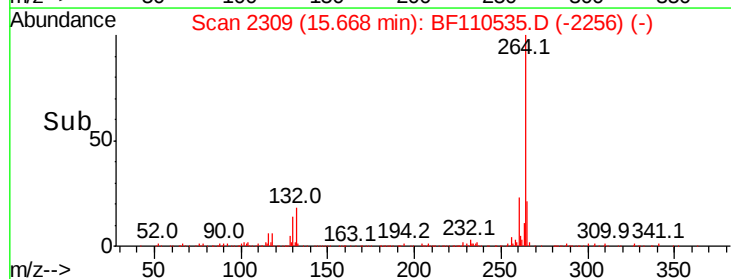
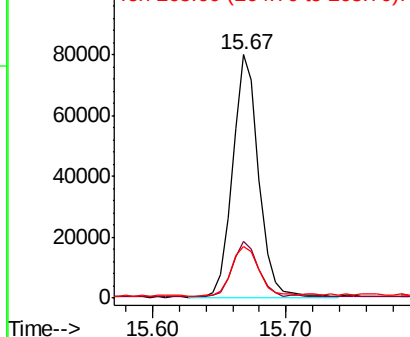
Lab File: BF110535.D

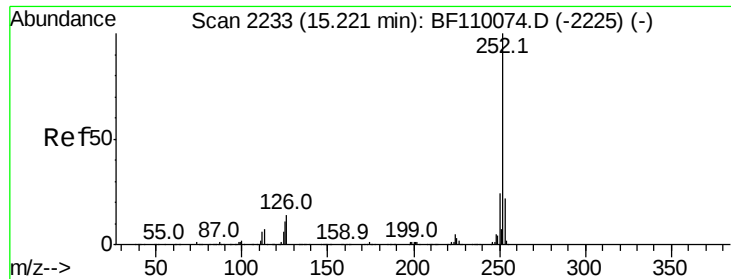
Acq: 7 Nov 2018 00:22

Tgt Ion:	264	Resp:	110025
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.7	28.1
265	21.4	16.7	25.1



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





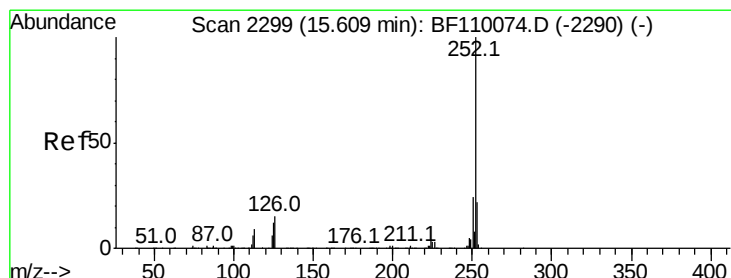
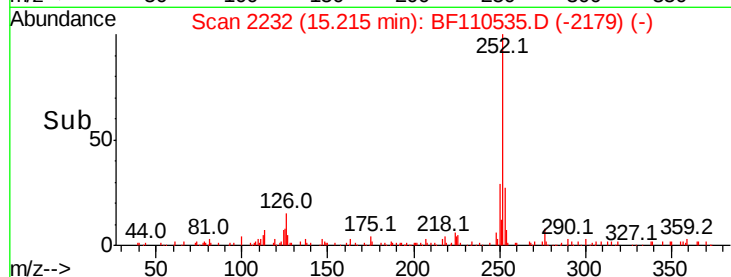
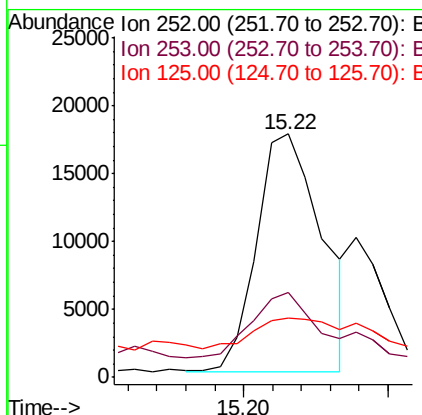
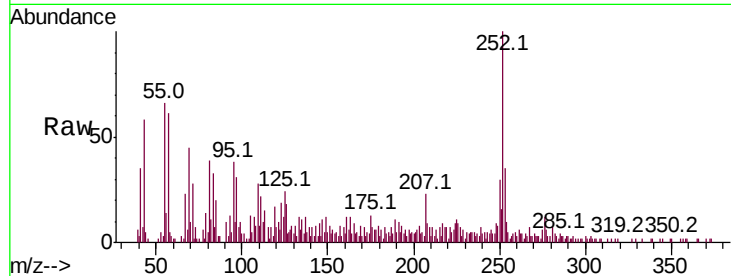
#88
Benzo(b)fluoranthene
Concen: 4.349 ng m
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110535.D
Acq: 7 Nov 2018 00:22

Instrument :
BNA_F
ClientSampleId :
JC-03-110218-G

Tot Ion	Ratio	Lower	Upper
252	100		
253	35.1	17.2	25.8#
125	24.1	8.2	12.4#

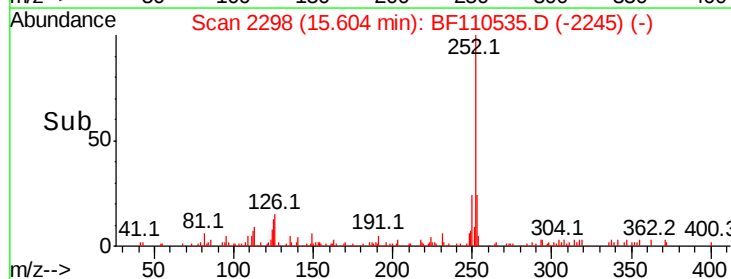
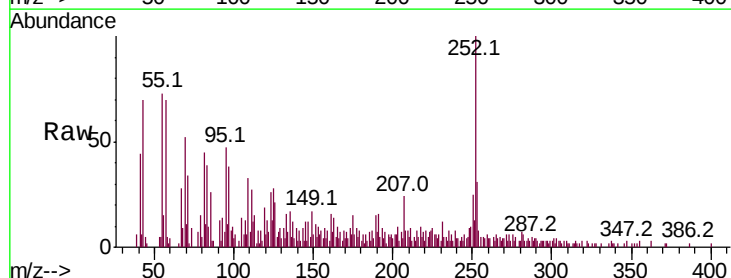
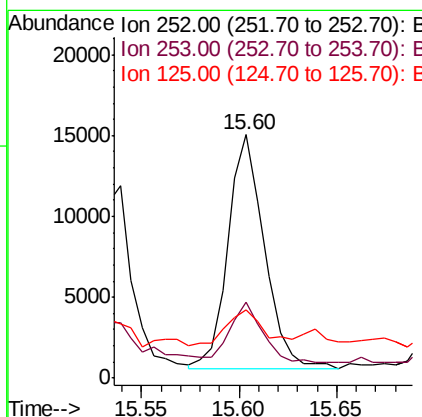
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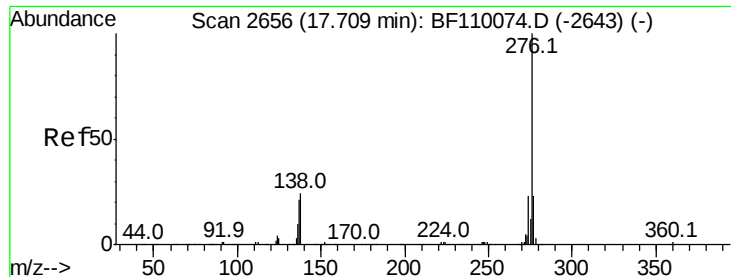
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#90
Benzo(a)pyrene
Concen: 3.193 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110535.D
Acq: 7 Nov 2018 00:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.2	18.2	27.4#
125	28.2	9.0	13.6#





#92
 Benzo(a,h,i)perylene
 Concen: 2.584 ng
 RT: 17.73 min Scan# 2659
 Delta R.T. 0.02 min
 Lab File: BF110535.D
 Acq: 7 Nov 2018 00:22

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-110218-G

Tot Ion	Ratio	Lower	Upper
276	100		
277	31.6	18.8	28.2#
138	32.4	16.0	24.0#

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