

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
 Data File : BF110020.D
 Acq On : 19 Oct 2018 23:11
 Operator : JU/SJ
 Sample : J5195-05 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-101818-B

Manual Integrations
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 10/22/2018 2:55:46 PM

Quant Time: Oct 20 03:16:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	203094	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	782975	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	326489	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	516393	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	385032	20.00	ng	-0.01
87) Perylene-d12	15.67	264	299663	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	623633	48.67	ng	-0.02
7) Phenol-d6	6.59	99	787581	49.50	ng	-0.02
23) Nitrobenzene-d5	7.53	82	474342	40.81	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	144553	51.14	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	834314	40.78	ng	-0.01
79) Terphenyl-d14	13.09	244	589604	32.16	ng	-0.02
Target Compounds						
10) Phenol	6.60	94	76385	4.447	ng	Qvalue # 60
31) Naphthalene	8.27	128	91656	2.553	ng	98
49) Acenaphthylene	9.87	152	77753	2.498	ng	97
50) Dimethylphthalate	9.72	163	122598	5.303	ng	98
71) Phenanthrene	11.53	178	287368	10.749	ng	98
72) Anthracene	11.57	178	76325	2.840	ng	97
75) Fluoranthene	12.72	202	549607	20.579	ng	98
78) Pyrene	12.95	202	578954	20.473	ng	99
81) Benzo(a)anthracene	14.14	228	287436m	12.674	ng	
83) Chrysene	14.17	228	277323	12.847	ng	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	156552	9.007	ng	99
88) Benzo(b)fluoranthene	15.22	252	334294m	19.350	ng	
89) Benzo(k)fluoranthene	15.24	252	96816m	5.686	ng	
90) Benzo(a)pyrene	15.61	252	245694	15.463	ng	98
91) Dibenzo(a,h)anthracene	17.24	278	37487	2.662	ng	# 84
92) Benzo(g,h,i)perylene	17.71	276	174480	12.264	ng	96

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

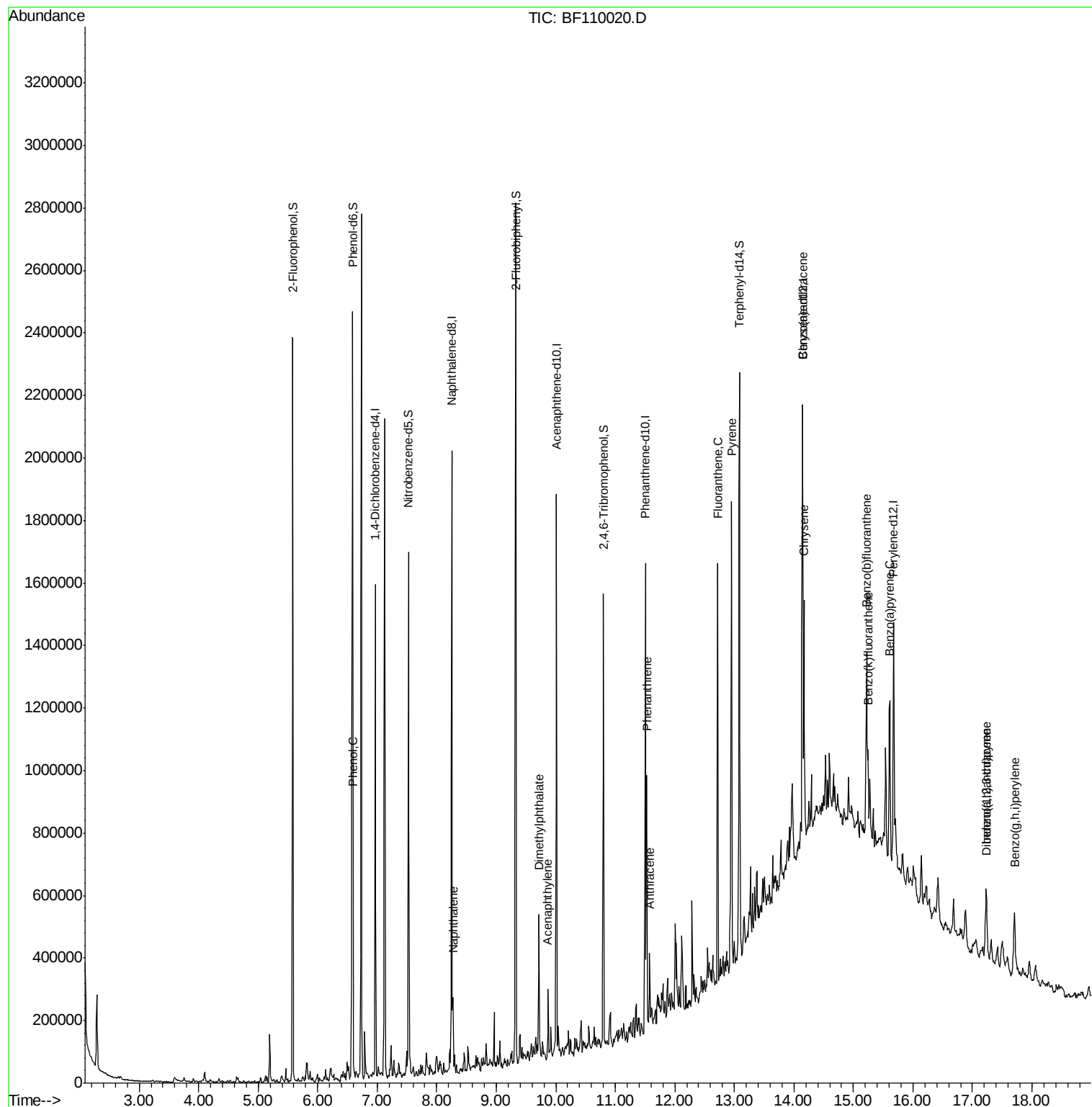
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
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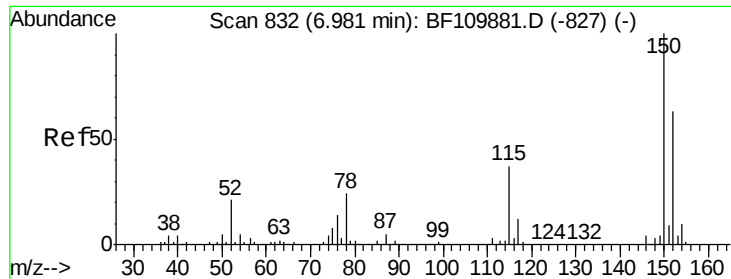
Instrument :
BNA_F
ClientSampleId :
JC-02-101818-B

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Quant Time: Oct 20 03:16:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration





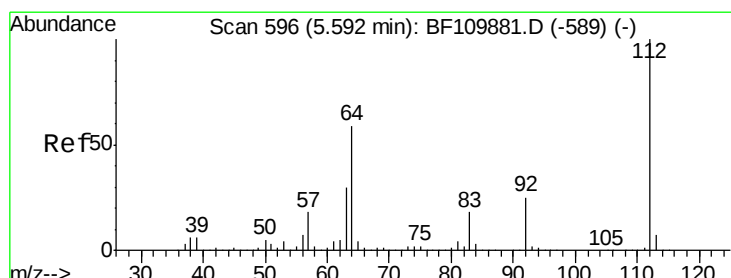
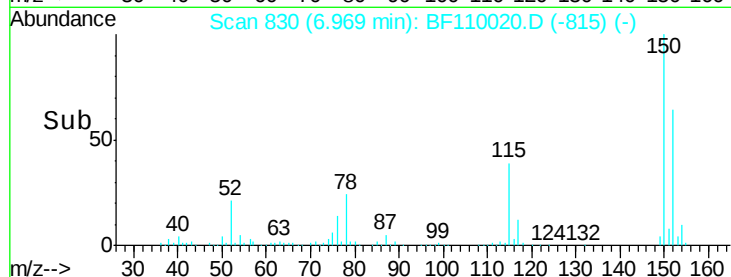
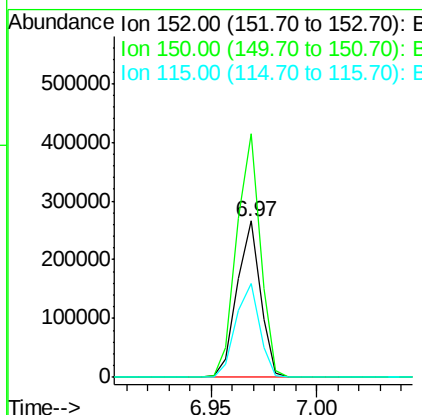
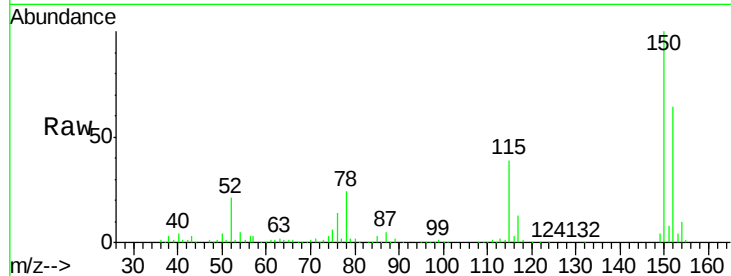
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110020.D
 Acq: 19 Oct 2018 23:11

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-101818-B

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	203094		
150	155.9	122.7	184.1	
115	60.2	49.1	73.7	

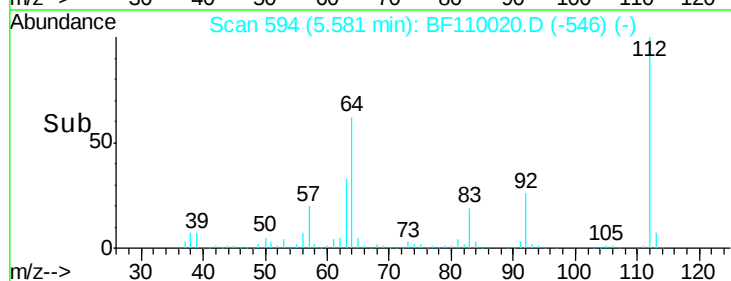
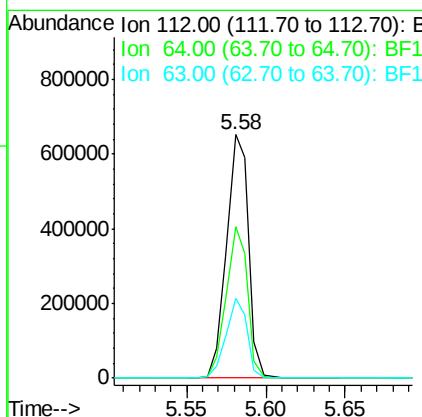
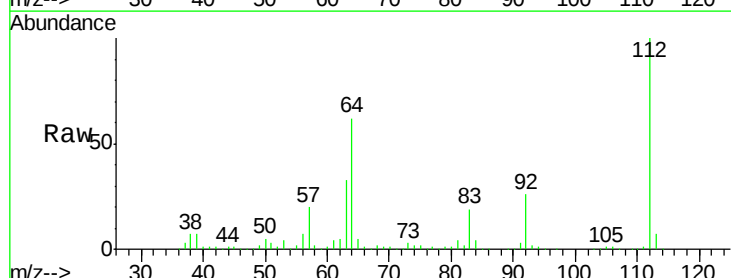
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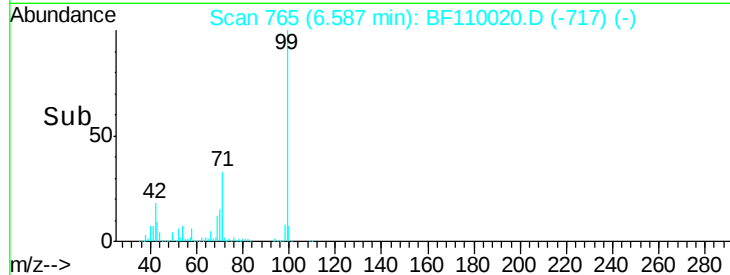
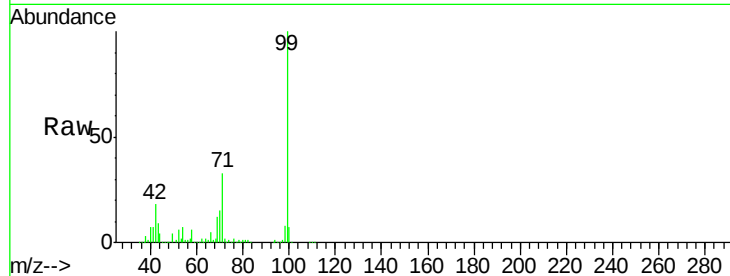
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#5
 2-Fluorophenol
 Concen: 48.674 ng
 RT: 5.58 min Scan# 594
 Delta R.T. -0.02 min
 Lab File: BF110020.D
 Acq: 19 Oct 2018 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	623633		
64	62.4	44.1	66.1	
63	32.6	23.7	35.5	





#7

Phenol-d6

Concen: 49.503 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110020.D

Acq: 19 Oct 2018 23:11

Instrument :

BNA_F

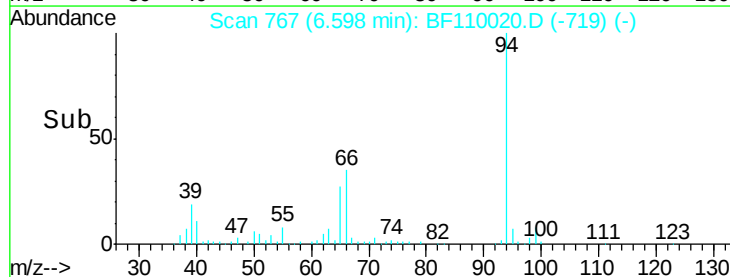
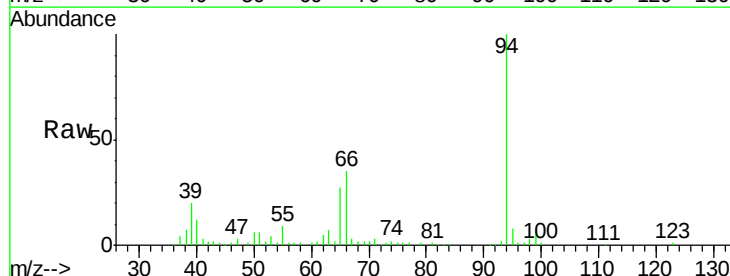
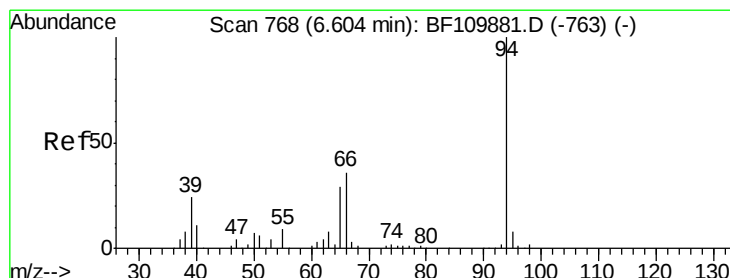
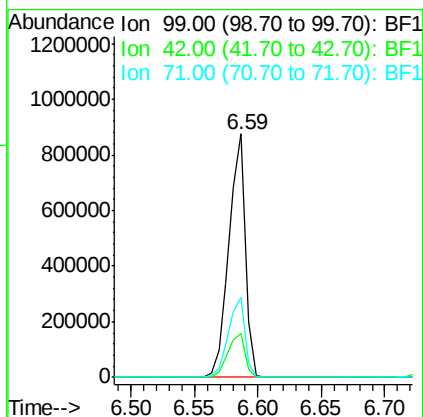
ClientSampleId :

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Tgt Ion:	99	Resp:	787581
Ion Ratio	Lower	Upper	
99	100		
42	18.2	15.8	23.6
71	33.0	28.0	42.0

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#10

Phenol

Concen: 4.447 ng

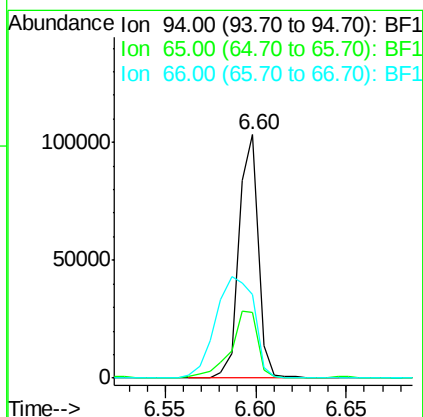
RT: 6.60 min Scan# 767

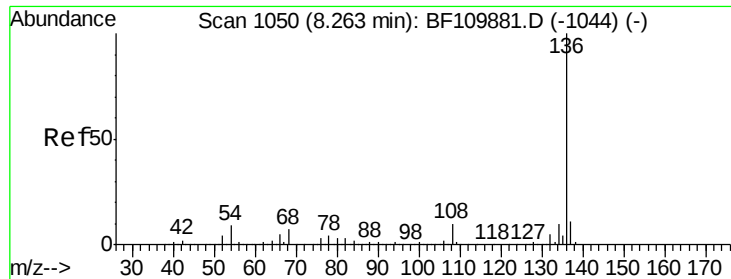
Delta R.T. -0.02 min

Lab File: BF110020.D

Acq: 19 Oct 2018 23:11

Tgt Ion:	94	Resp:	76385
Ion Ratio	Lower	Upper	
94	100		
65	27.1	25.3	65.3
66	34.6	54.5	94.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110020.D

Acq: 19 Oct 2018 23:11

Instrument :

BNA_F

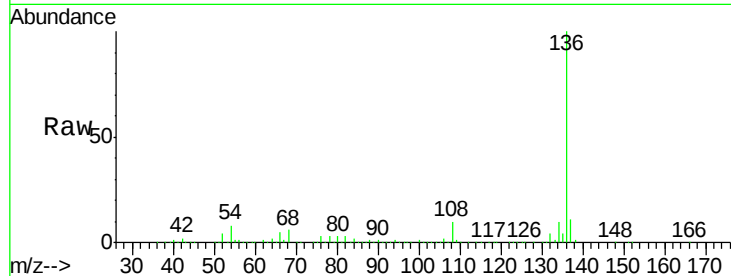
ClientSampleId :

JC-02-101818-B

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.1	8.8	13.2
54	8.4	5.4	8.2
68	5.8	4.2	6.2

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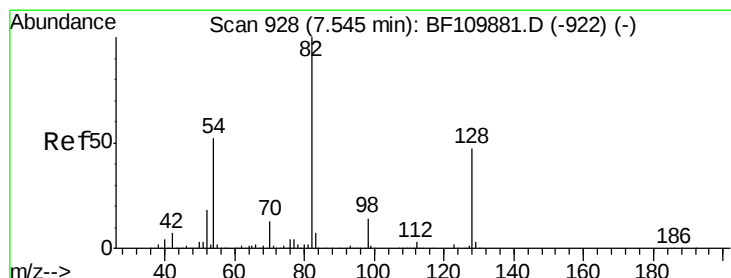
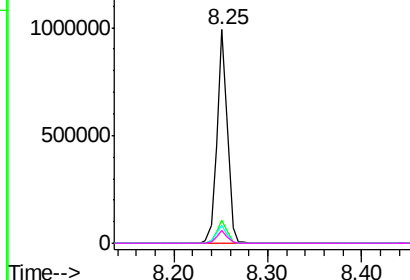
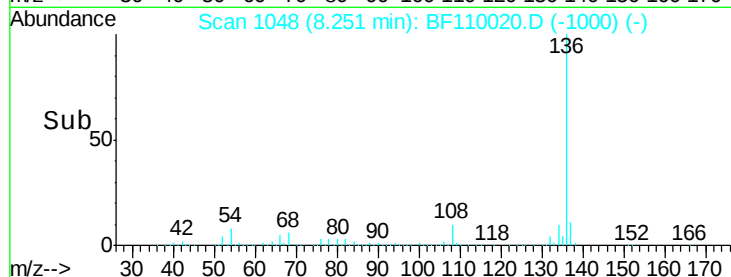


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.810 ng

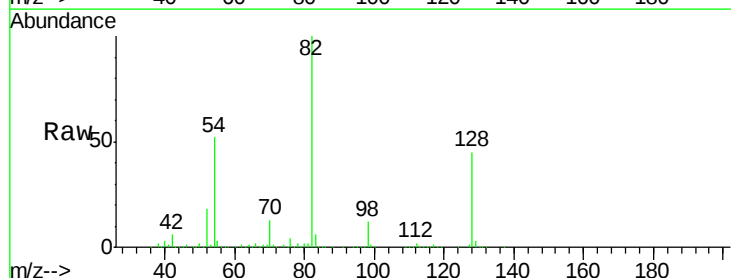
RT: 7.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF110020.D

Acq: 19 Oct 2018 23:11

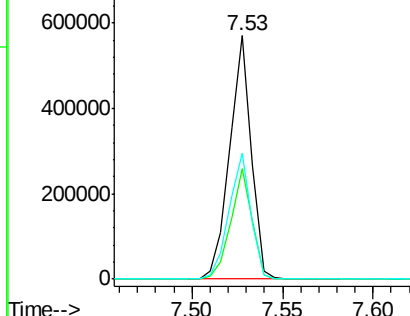
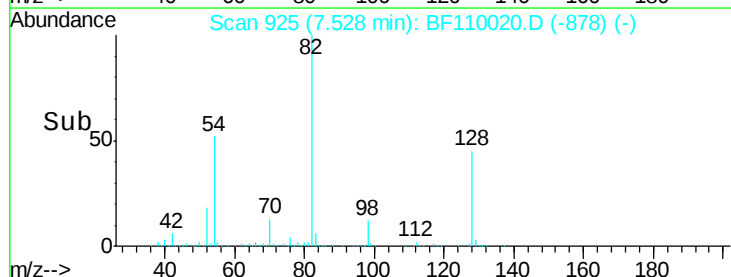
Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	45.3	34.2	51.2
54	51.7	38.6	58.0

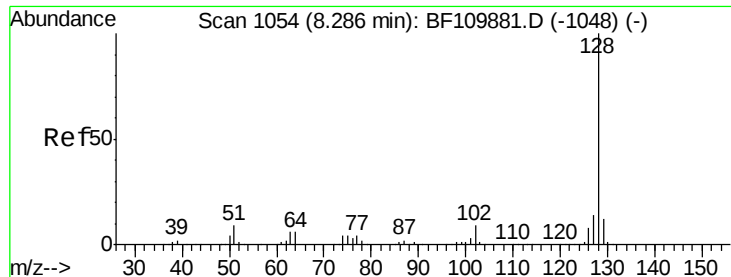


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





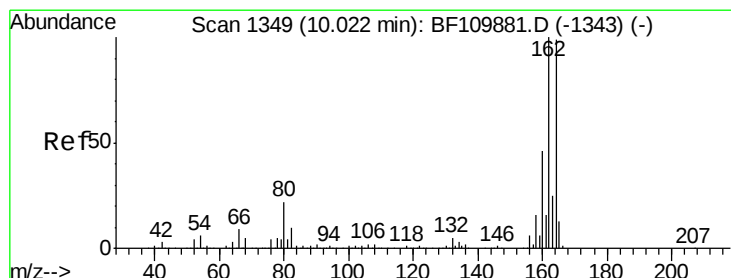
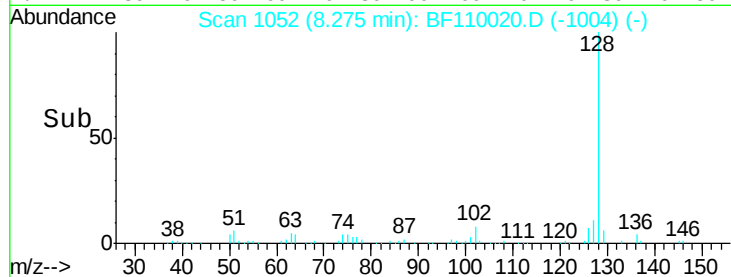
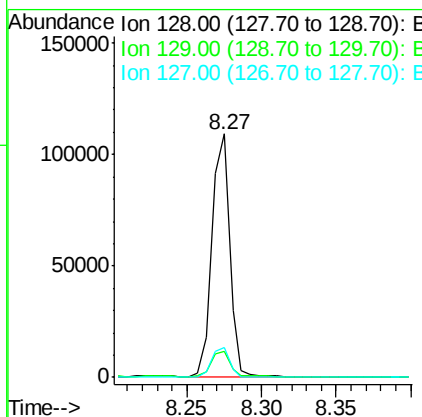
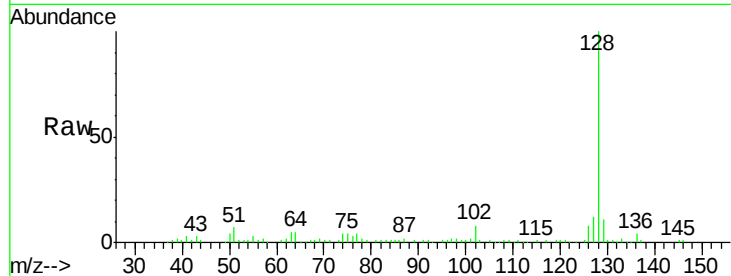
#31
Naphthalene
Concen: 2.553 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BF110020.D
Acq: 19 Oct 2018 23:11

Instrument :
BNA_F
ClientSampleId :
JC-02-101818-B

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	91656		
129	10.9		8.8	13.2
127	12.1		10.8	16.2

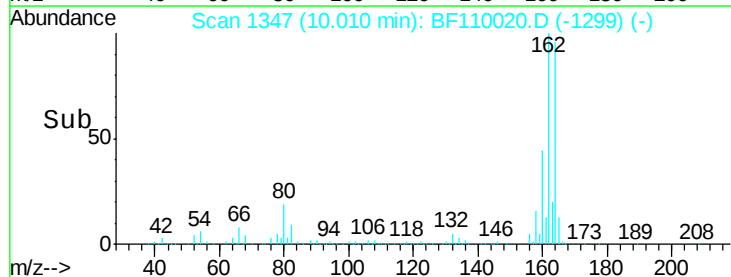
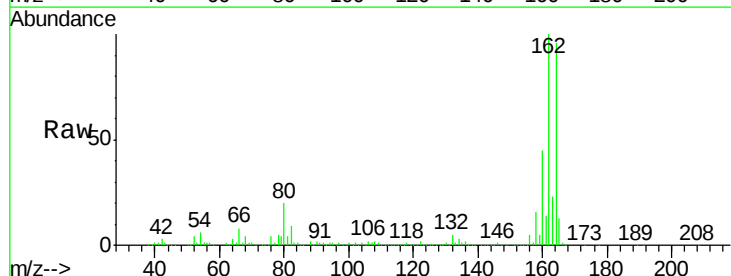
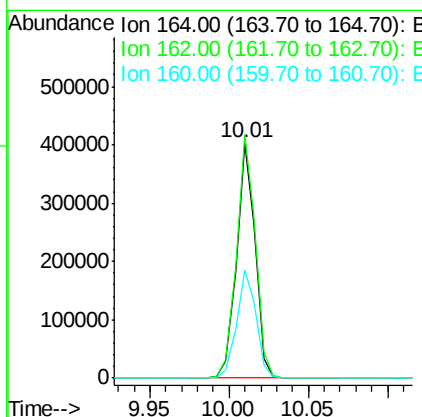
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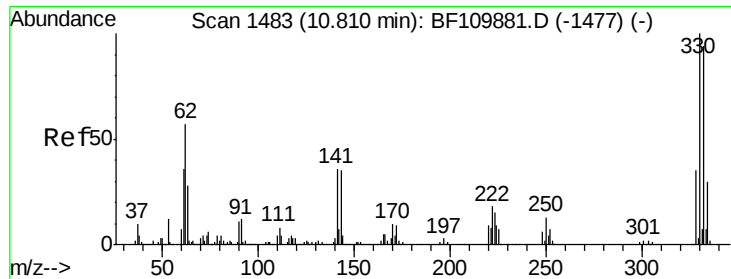
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110020.D
Acq: 19 Oct 2018 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	326489		
162	103.7		83.0	124.6
160	46.2		37.0	55.6





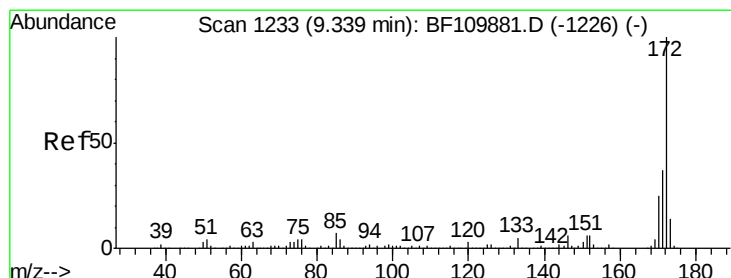
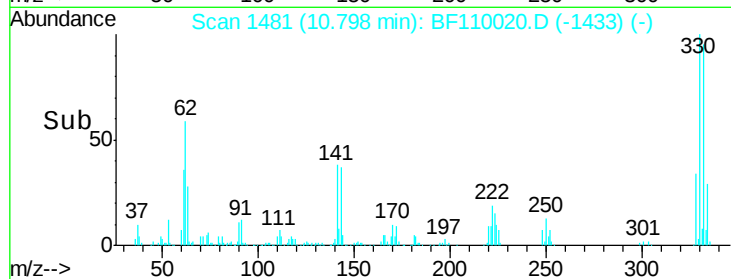
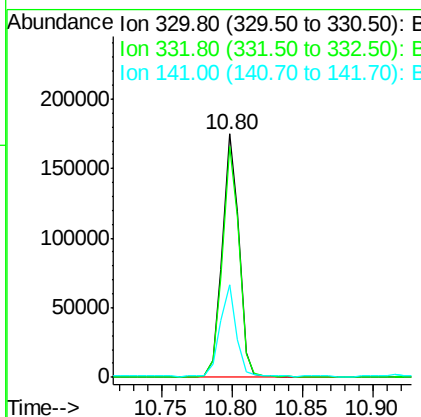
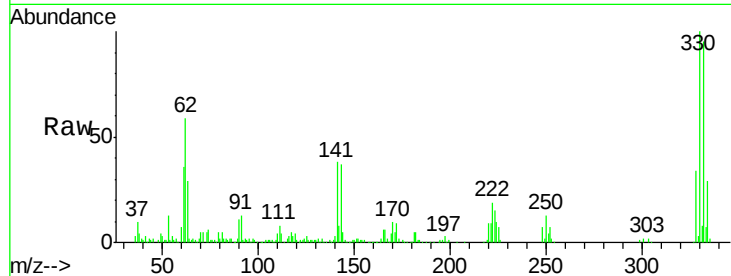
#42
 2,4,6-Tribromophenol
 Concen: 51.139 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.02 min
 Lab File: BF110020.D
 Acq: 19 Oct 2018 23:11

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-101818-B

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	144553		
332	95.2	77.1	115.7	
141	36.7	27.0	40.4	

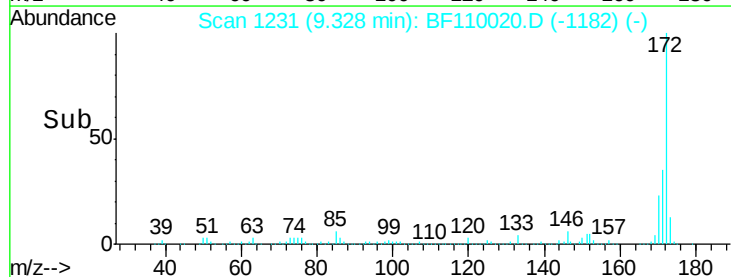
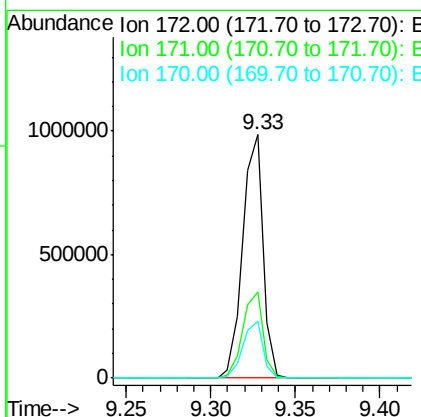
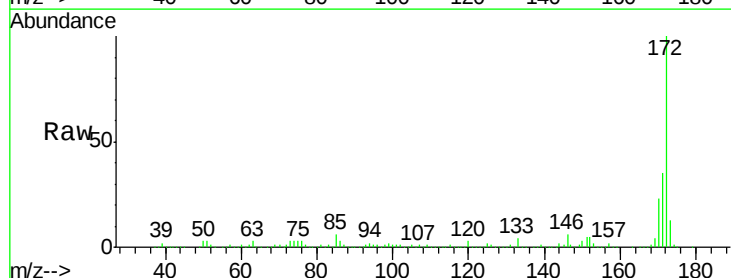
Manual Integrations
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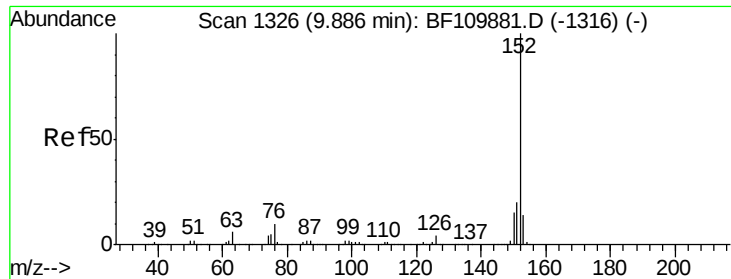
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#45
 2-Fluorobiphenyl
 Concen: 40.776 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110020.D
 Acq: 19 Oct 2018 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	834314		
171	35.4	28.6	43.0	
170	23.3	19.7	29.5	





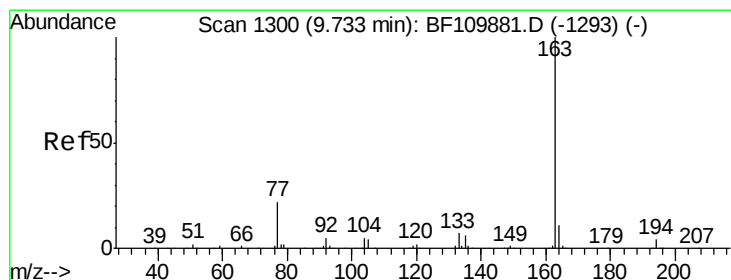
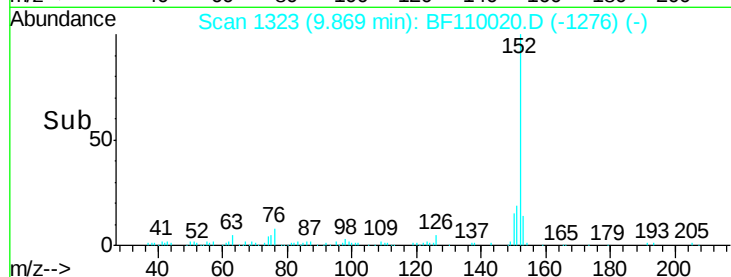
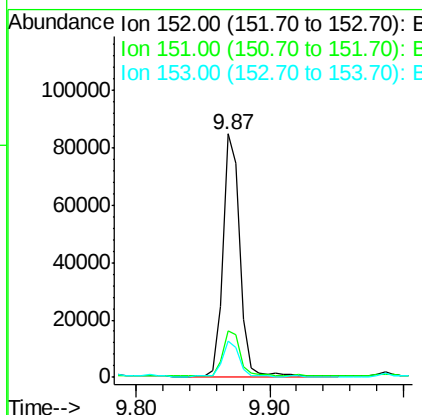
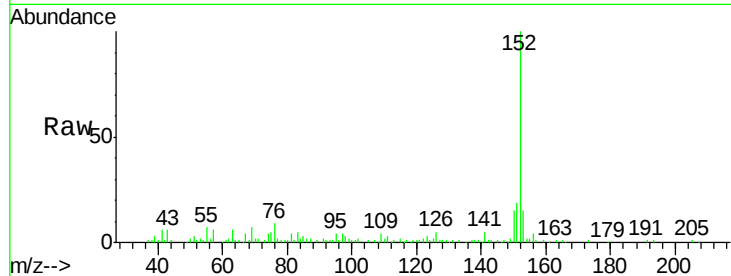
#49
Acenaphthylene
Concen: 2.498 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF110020.D
Acq: 19 Oct 2018 23:11

Instrument :
BNA_F
ClientSampleId :
JC-02-101818-B

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.8	23.8
153	15.1	10.4	15.6

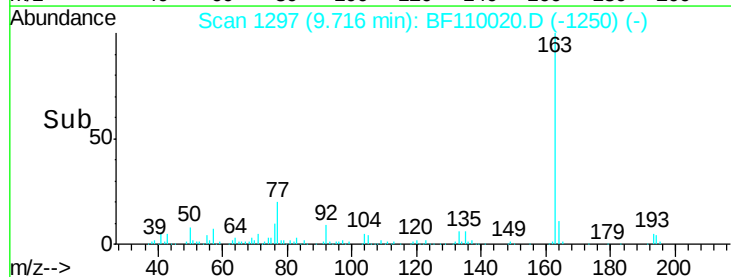
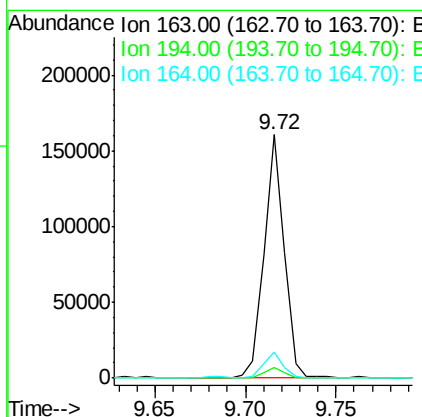
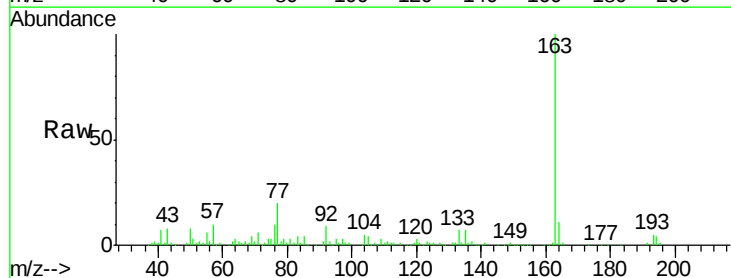
Manual Integrations
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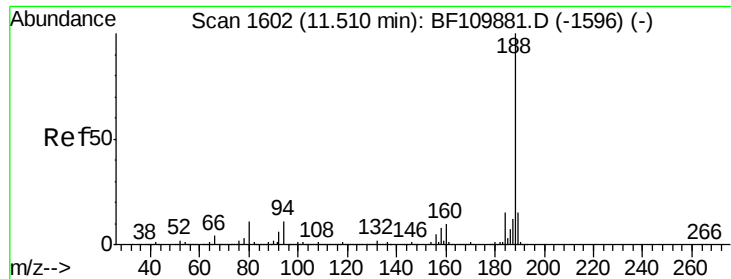
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#50
Dimethylphthalate
Concen: 5.303 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110020.D
Acq: 19 Oct 2018 23:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.9	8.1	12.1





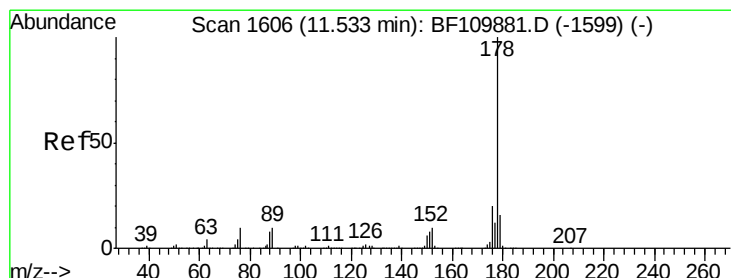
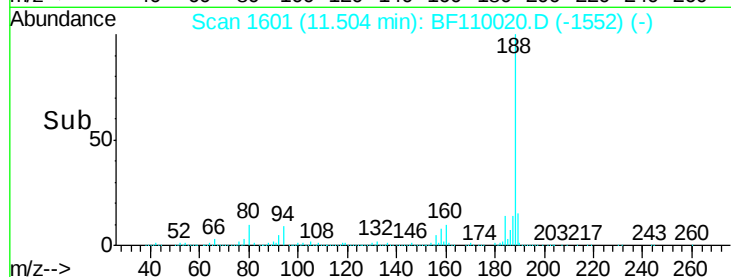
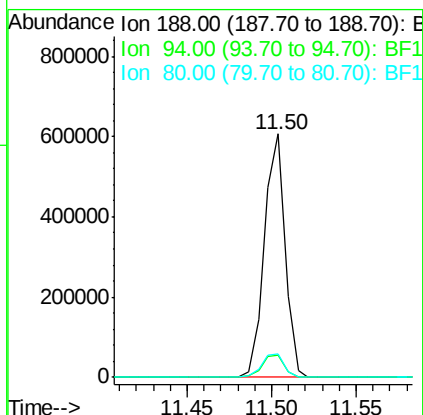
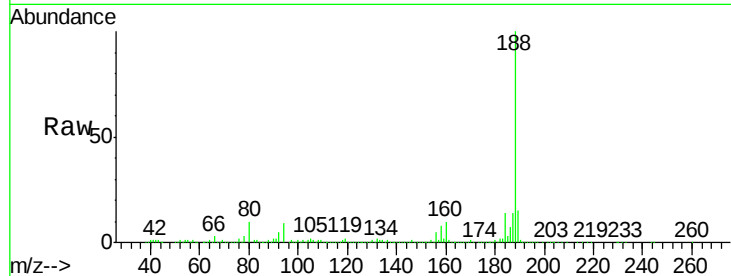
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110020.D
Acq: 19 Oct 2018 23:11

Instrument :
BNA_F
ClientSampleId :
JC-02-101818-B

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.0	7.2	10.8
80	9.9	7.9	11.9

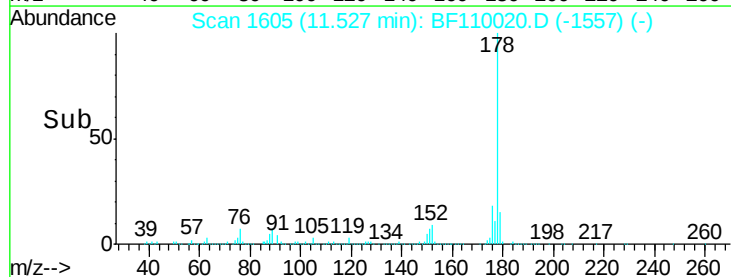
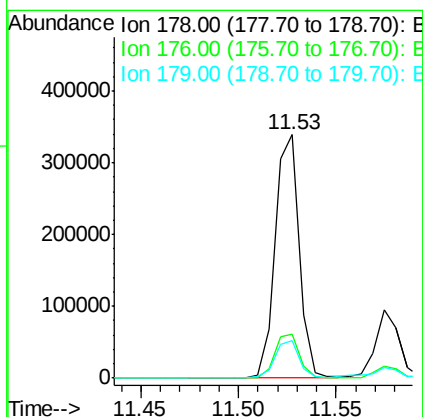
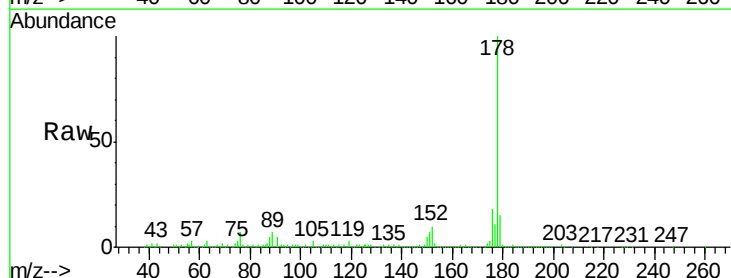
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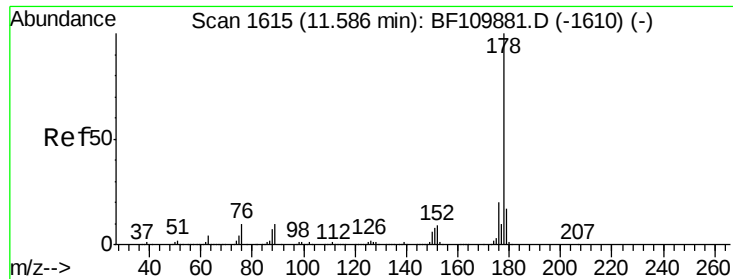
Sohil
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#71
Phenanthrene
Concen: 10.749 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110020.D
Acq: 19 Oct 2018 23:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.1	15.5	23.3
179	15.3	12.5	18.7





#72

Anthracene

Concen: 2.840 ng

RT: 11.57 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BF110020.D

Acq: 19 Oct 2018 23:11

Instrument :

BNA_F

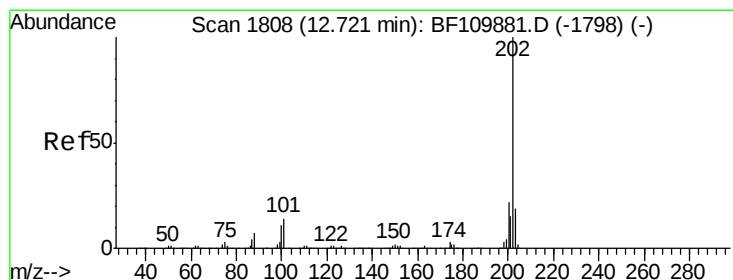
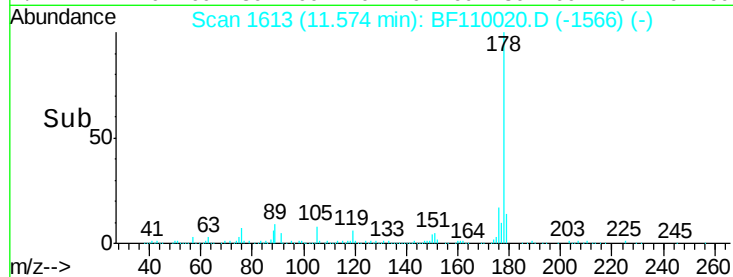
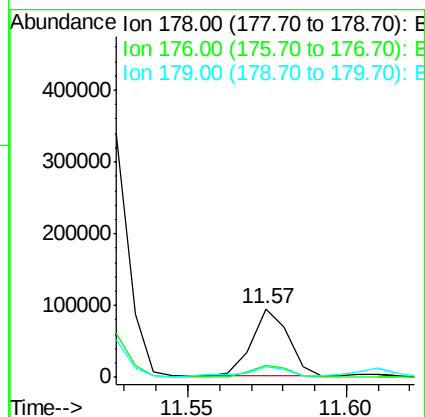
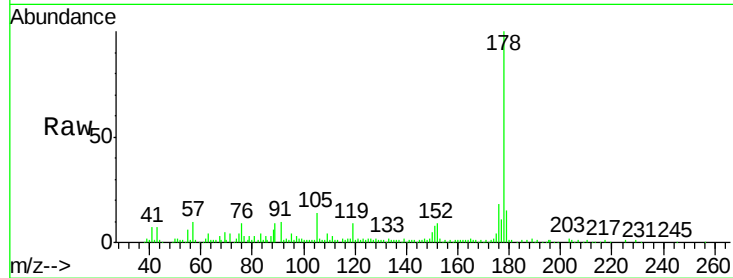
ClientSampleId :

JC-02-101818-B

Tgt Ion:	178	Resp:	76325
Ion Ratio	Lower	Upper	
178	100		
176	17.7	15.4	23.2
179	15.2	12.6	18.8

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#75

Fluoranthene

Concen: 20.579 ng

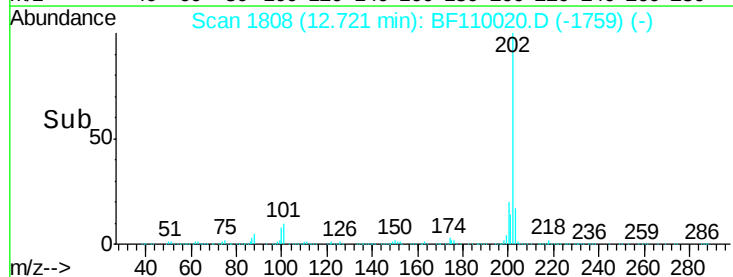
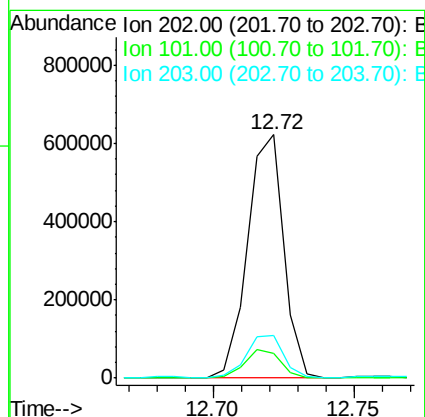
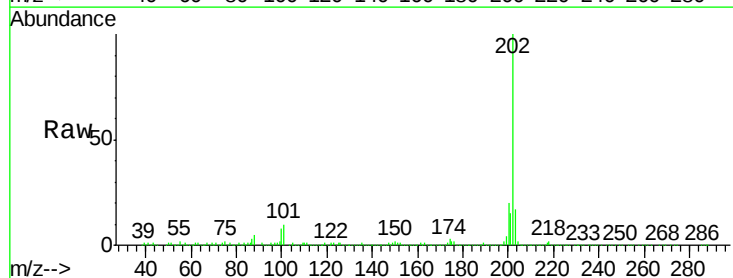
RT: 12.72 min Scan# 1808

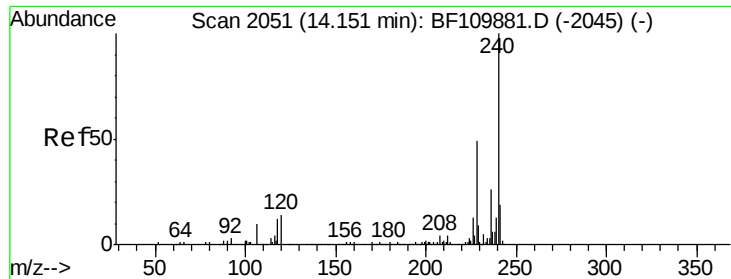
Delta R.T. -0.01 min

Lab File: BF110020.D

Acq: 19 Oct 2018 23:11

Tgt Ion:	202	Resp:	549607
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	31.4
203	17.4	0.0	37.7





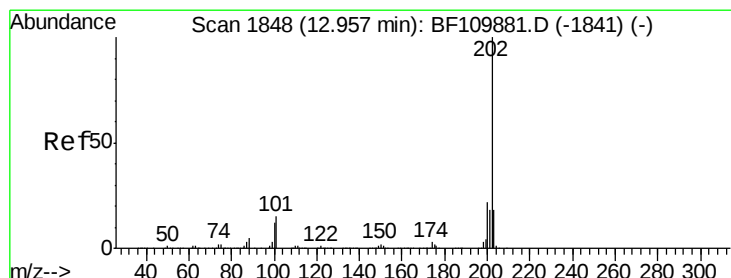
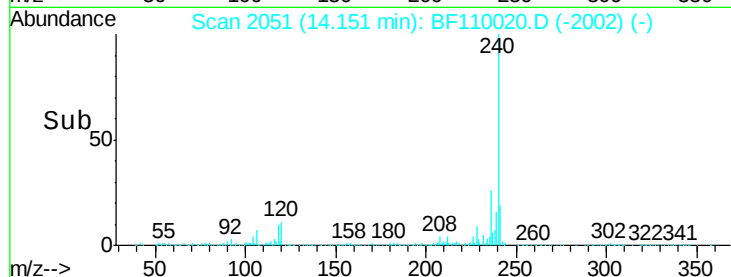
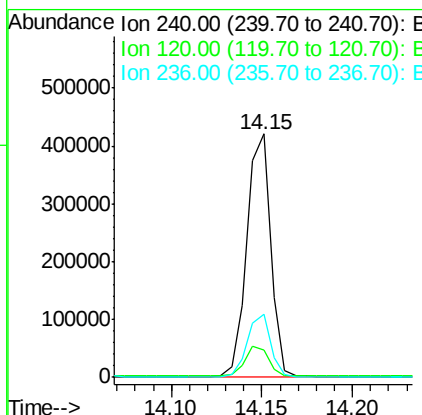
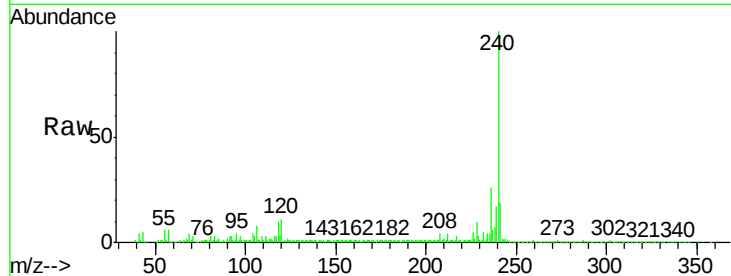
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110020.D
Acq: 19 Oct 2018 23:11

Instrument :
BNA_F
ClientSampleId :
JC-02-101818-B

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	385032		
120	11.3	8.3	12.5	
236	26.1	21.2	31.8	

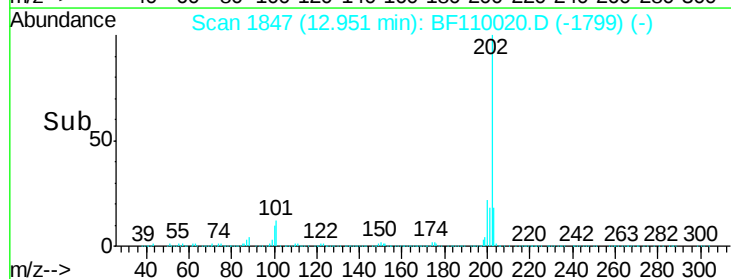
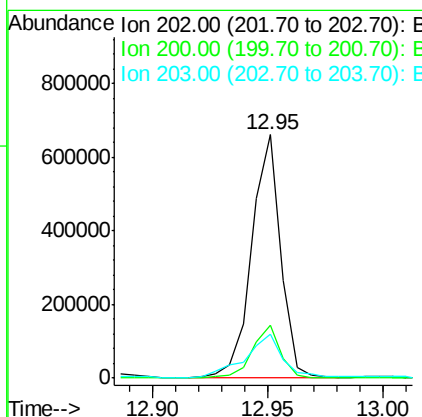
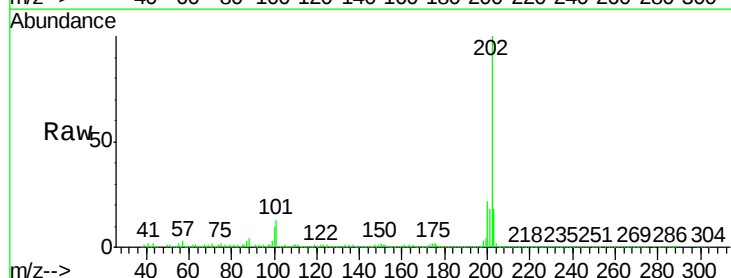
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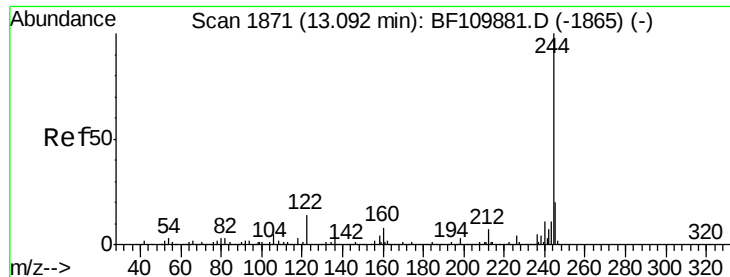
Sohil
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#78
Pyrene
Concen: 20.473 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110020.D
Acq: 19 Oct 2018 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	578954		
200	21.8	17.8	26.6	
203	18.0	14.2	21.4	





#79

Terphenyl-d14

Concen: 32.156 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110020.D

Acq: 19 Oct 2018 23:11

Instrument :

BNA_F

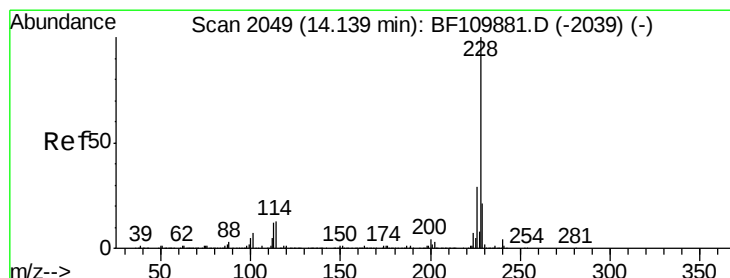
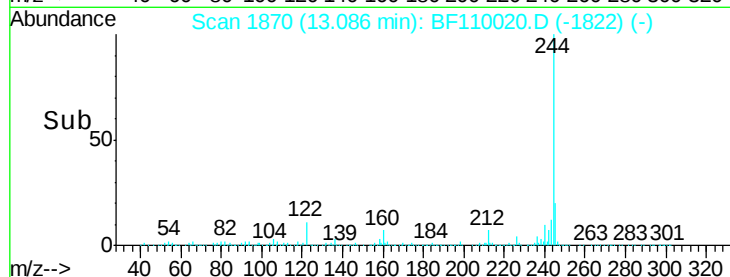
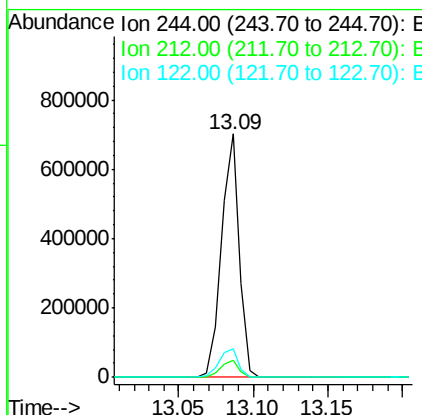
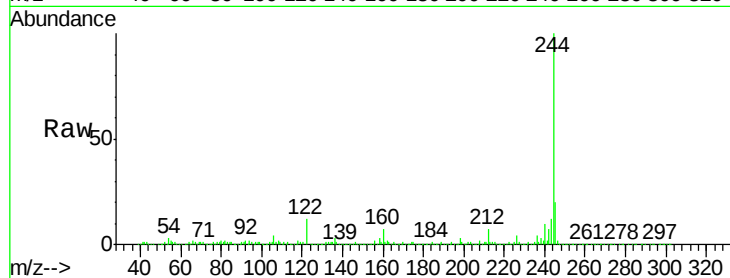
ClientSampleId :

JC-02-101818-B

Tgt Ion:	244	Resp:	589604
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.8	8.8
122	11.6	8.7	13.1

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#81

Benzo(a)anthracene

Concen: 12.674 ng m

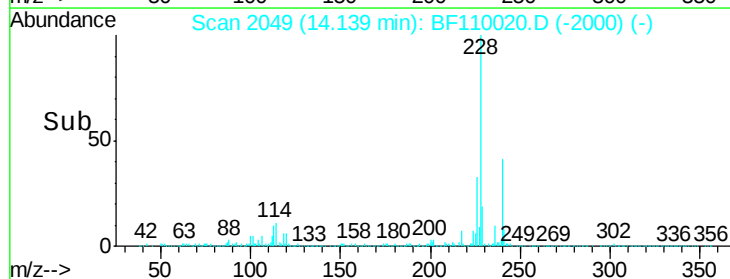
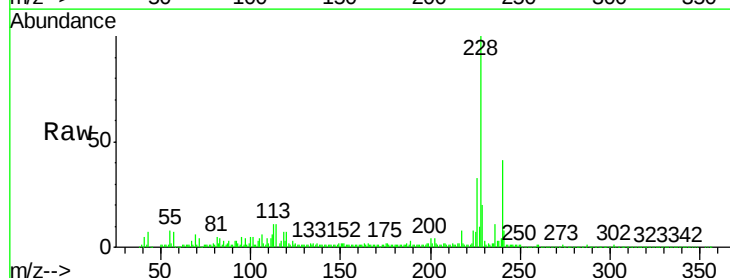
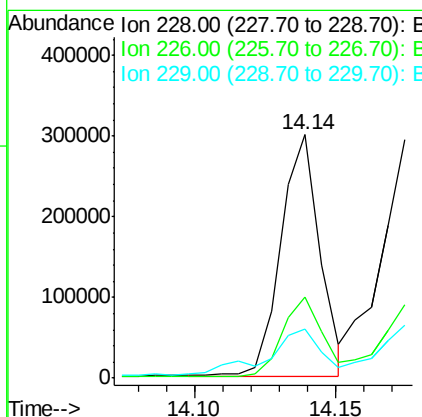
RT: 14.14 min Scan# 2049

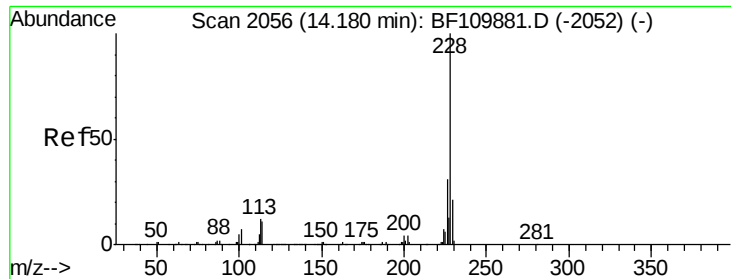
Delta R.T. -0.01 min

Lab File: BF110020.D

Acq: 19 Oct 2018 23:11

Tgt Ion:	228	Resp:	287436
Ion Ratio	Lower	Upper	
228	100		
226	33.3	22.1	33.1#
229	20.0	15.6	23.4





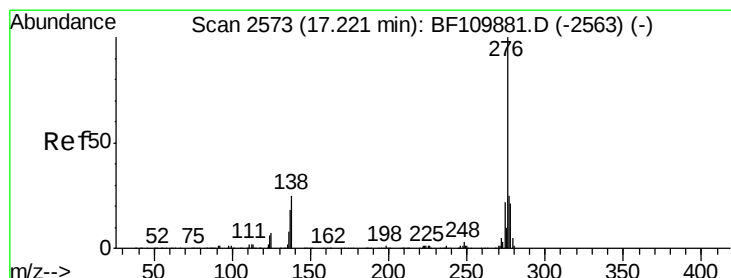
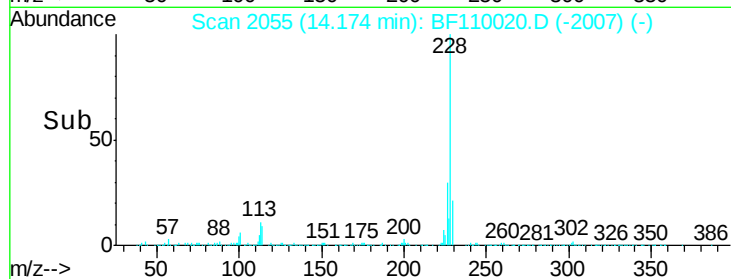
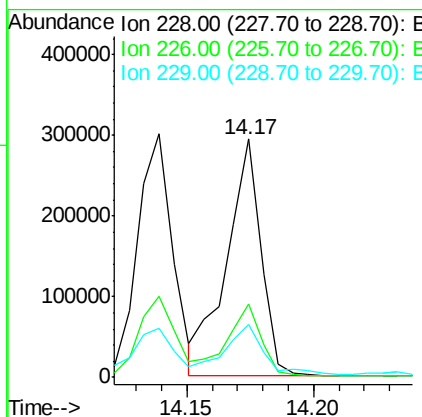
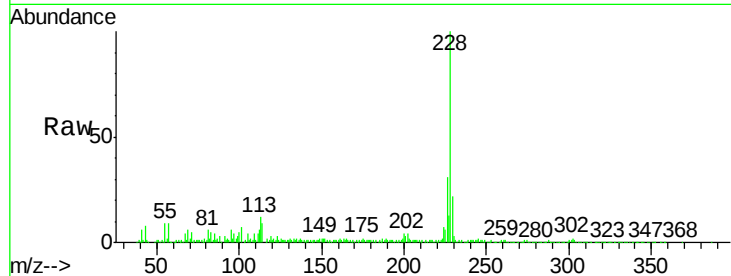
#83
Chrysene
Concen: 12.847 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BF110020.D
Acq: 19 Oct 2018 23:11

Instrument :
BNA_F
ClientSampleId :
JC-02-101818-B

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.7	37.1
229	22.4	15.9	23.9

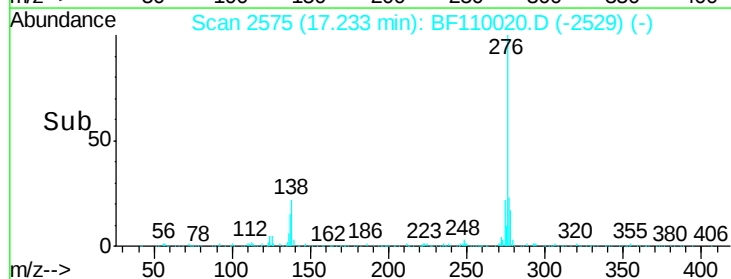
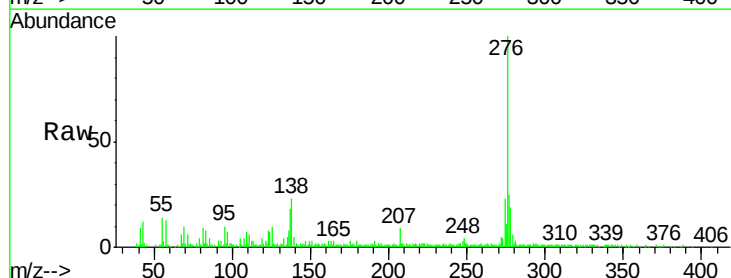
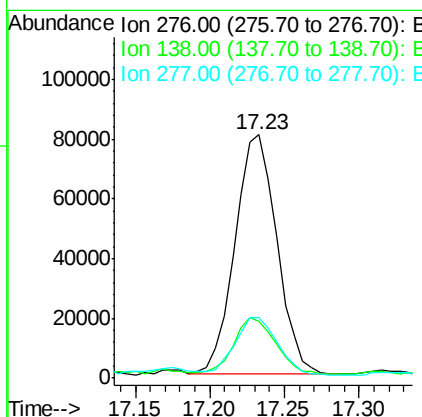
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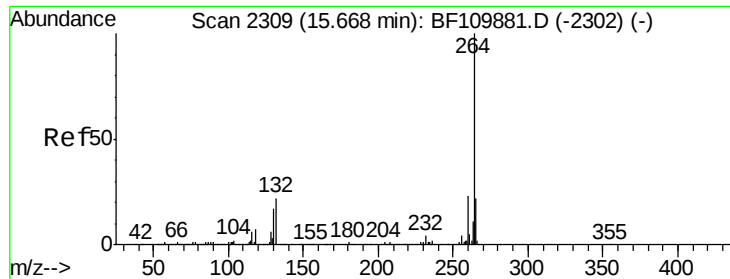
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 9.007 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BF110020.D
Acq: 19 Oct 2018 23:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	18.5	27.7
277	25.1	20.0	30.0





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110020.D

Acq: 19 Oct 2018 23:11

Instrument :

BNA_F

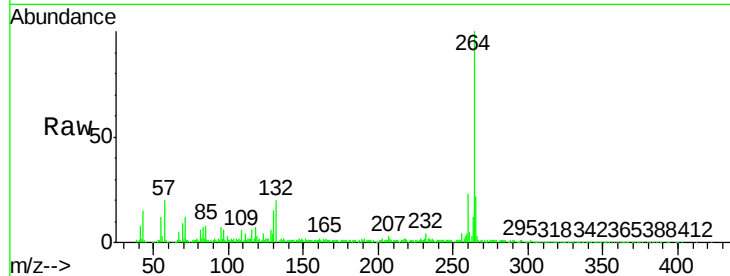
ClientSampleId :

JC-02-101818-B

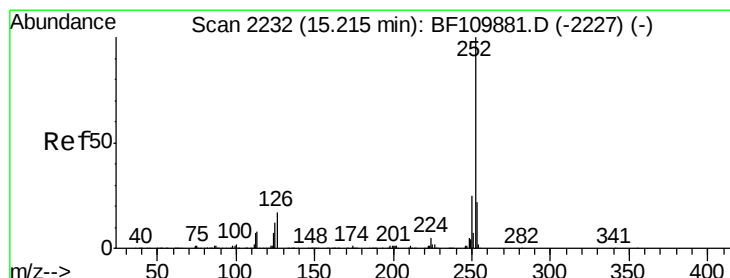
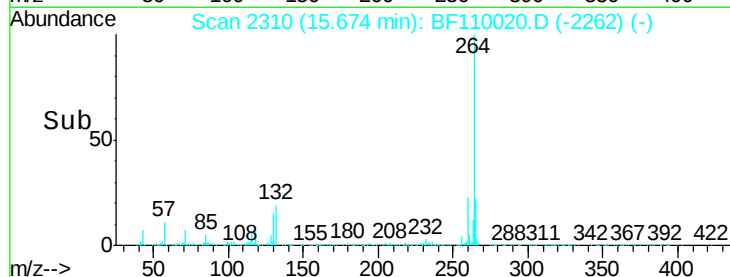
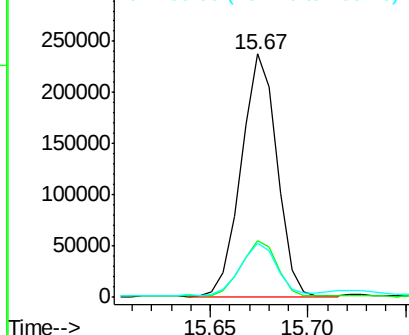
Tgt Ion:	264	Resp:	299663
Ion Ratio		Lower	Upper
264	100		
260	23.3	18.7	28.1
265	22.4	16.7	25.1

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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: 19.350 ng m

RT: 15.22 min Scan# 2233

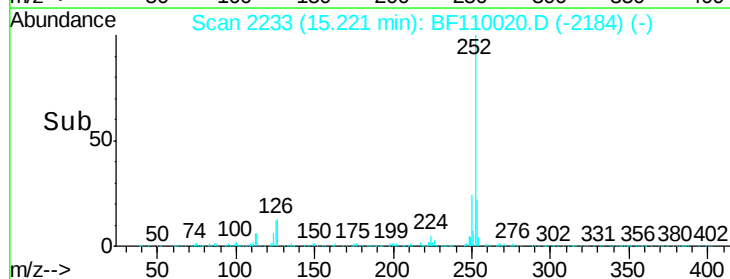
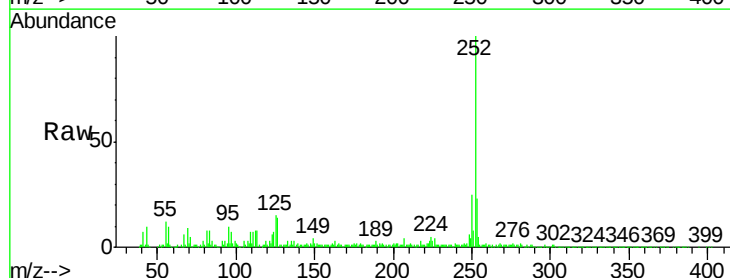
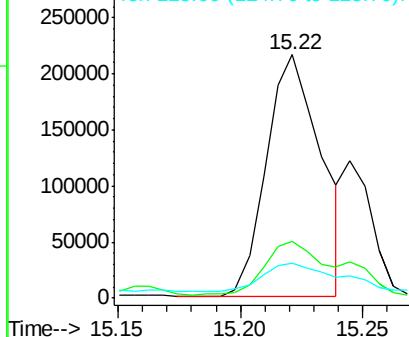
Delta R.T. -0.01 min

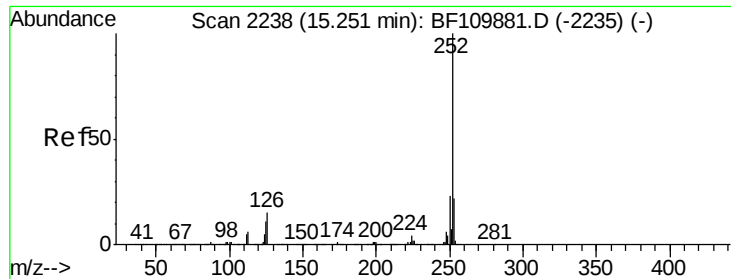
Lab File: BF110020.D

Acq: 19 Oct 2018 23:11

Tgt Ion:	252	Resp:	334294
Ion Ratio		Lower	Upper
252	100		
253	23.1	17.2	25.8
125	14.6	8.2	12.4#

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





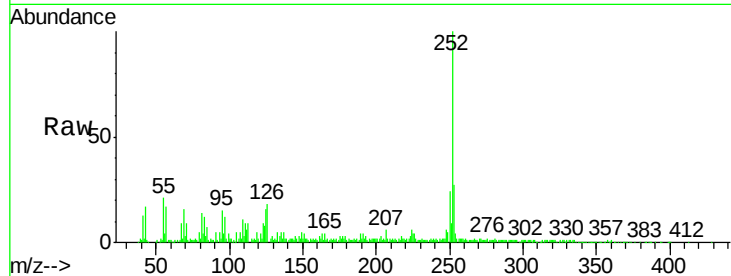
#89
Benzo(k)fluoranthene
Concen: 5.686 ng m
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF110020.D
Acq: 19 Oct 2018 23:11

Instrument :
BNA_F
ClientSampleId :
JC-02-101818-B

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.2	25.8#
125	16.0	7.4	11.0#

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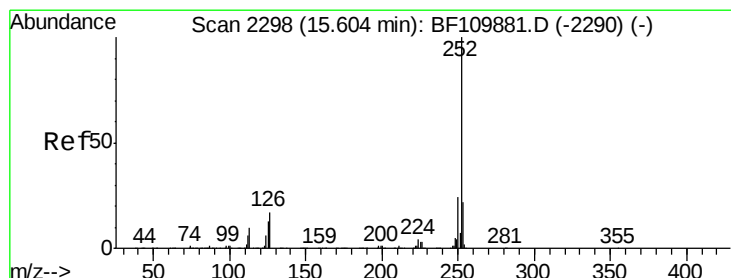
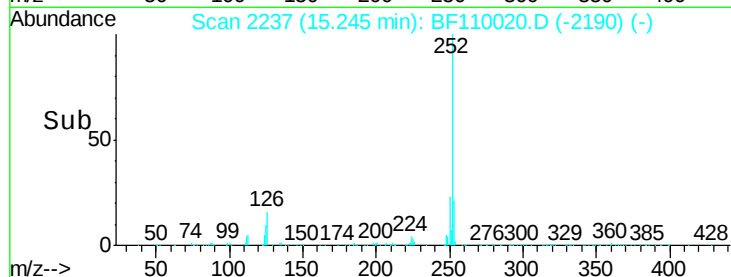
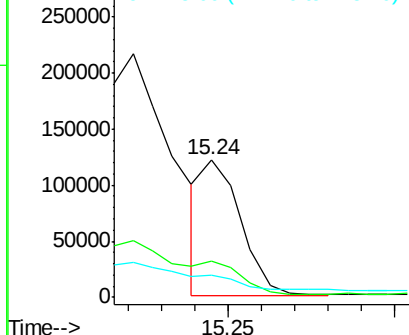


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 15.463 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BF110020.D
Acq: 19 Oct 2018 23:11

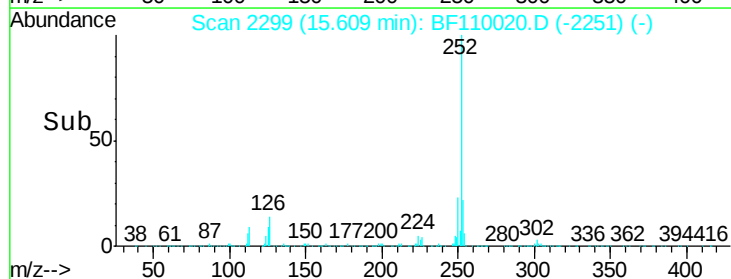
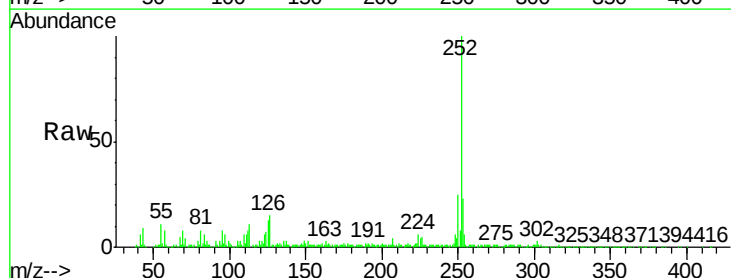
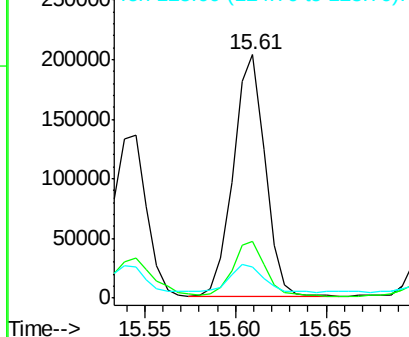
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.4
125	13.0	9.0	13.6

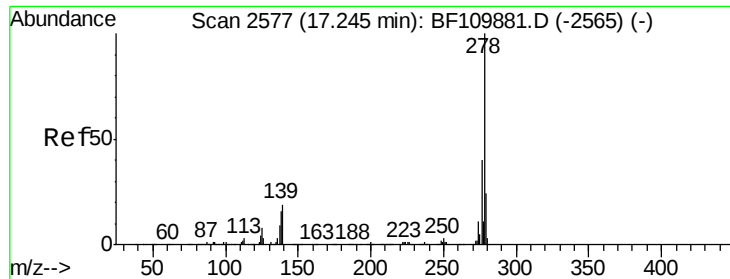
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





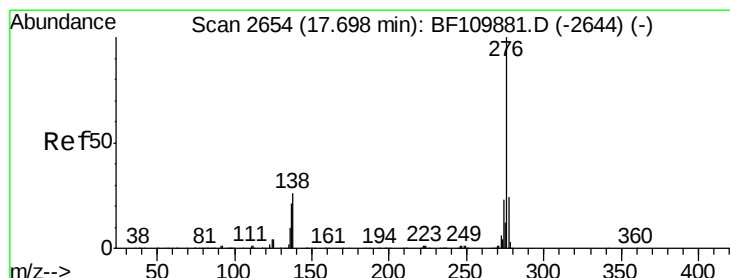
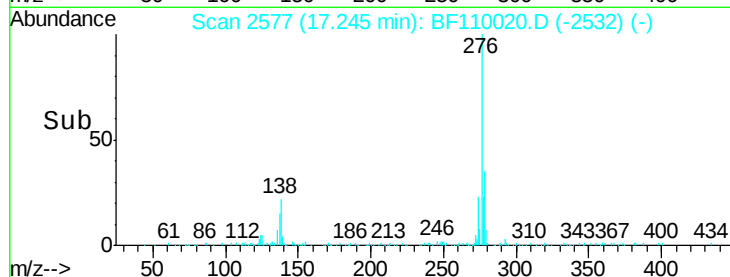
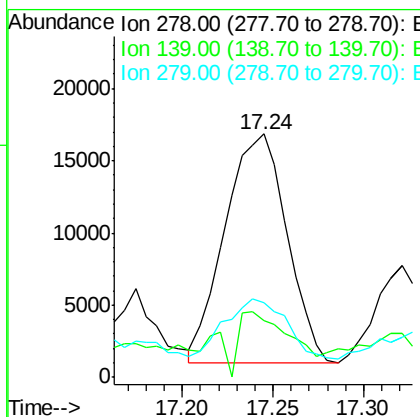
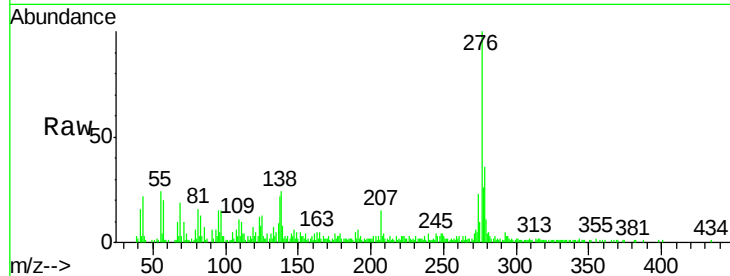
#91
Dibenzo(a,h)anthracene
Concen: 2.662 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.04 min
Lab File: BF110020.D
Acq: 19 Oct 2018 23:11

Instrument :
BNA_F
ClientSampleId :
JC-02-101818-B

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.5	12.7	19.1#
279	30.7	19.0	28.4#

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#92
Benzo(g,h,i)perylene
Concen: 12.264 ng
RT: 17.71 min Scan# 2656
Delta R.T. -0.03 min
Lab File: BF110020.D
Acq: 19 Oct 2018 23:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.8	28.2
138	23.2	16.0	24.0

