

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110182.D
 Acq On : 26 Oct 2018 1:13
 Operator : JU/SJ
 Sample : J5200-15 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-102318-B

Manual Integrations
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Quant Time: Oct 26 07:14:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	138454	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	517193	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	203007	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	347575	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	245636	20.00	ng	-0.01
87) Perylene-d12	15.68	264	186486	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	387125	45.53	ng	-0.01
7) Phenol-d6	6.59	99	476202	43.79	ng	-0.02
23) Nitrobenzene-d5	7.53	82	273858	31.41	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	79364	39.47	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	484103	37.45	ng	-0.02
79) Terphenyl-d14	13.09	244	392317	33.22	ng	-0.02
Target Compounds						
10) Phenol	6.60	94	27721	2.385	ng	Qvalue # 62
50) Dimethylphthalate	9.72	163	61254	4.088	ng	99
71) Phenanthrene	11.53	178	186617	10.261	ng	98
72) Anthracene	11.58	178	52106	2.858	ng	99
75) Fluoranthene	12.72	202	280348	15.189	ng	97
78) Pyrene	12.95	202	255615	14.515	ng	99
81) Benzo(a)anthracene	14.14	228	109618	7.525	ng	95
83) Chrysene	14.17	228	96416	6.969	ng	96
86) Indeno(1,2,3-cd)pyrene	17.24	276	42594	3.711	ng	99
88) Benzo(b)fluoranthene	15.22	252	113266m	10.518	ng	
89) Benzo(k)fluoranthene	15.25	252	28769m	2.717	ng	
90) Benzo(a)pyrene	15.61	252	73015	7.368	ng	# 96
92) Benzo(a,h,i)perylene	17.72	276	44497	5.281	ng	# 86

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

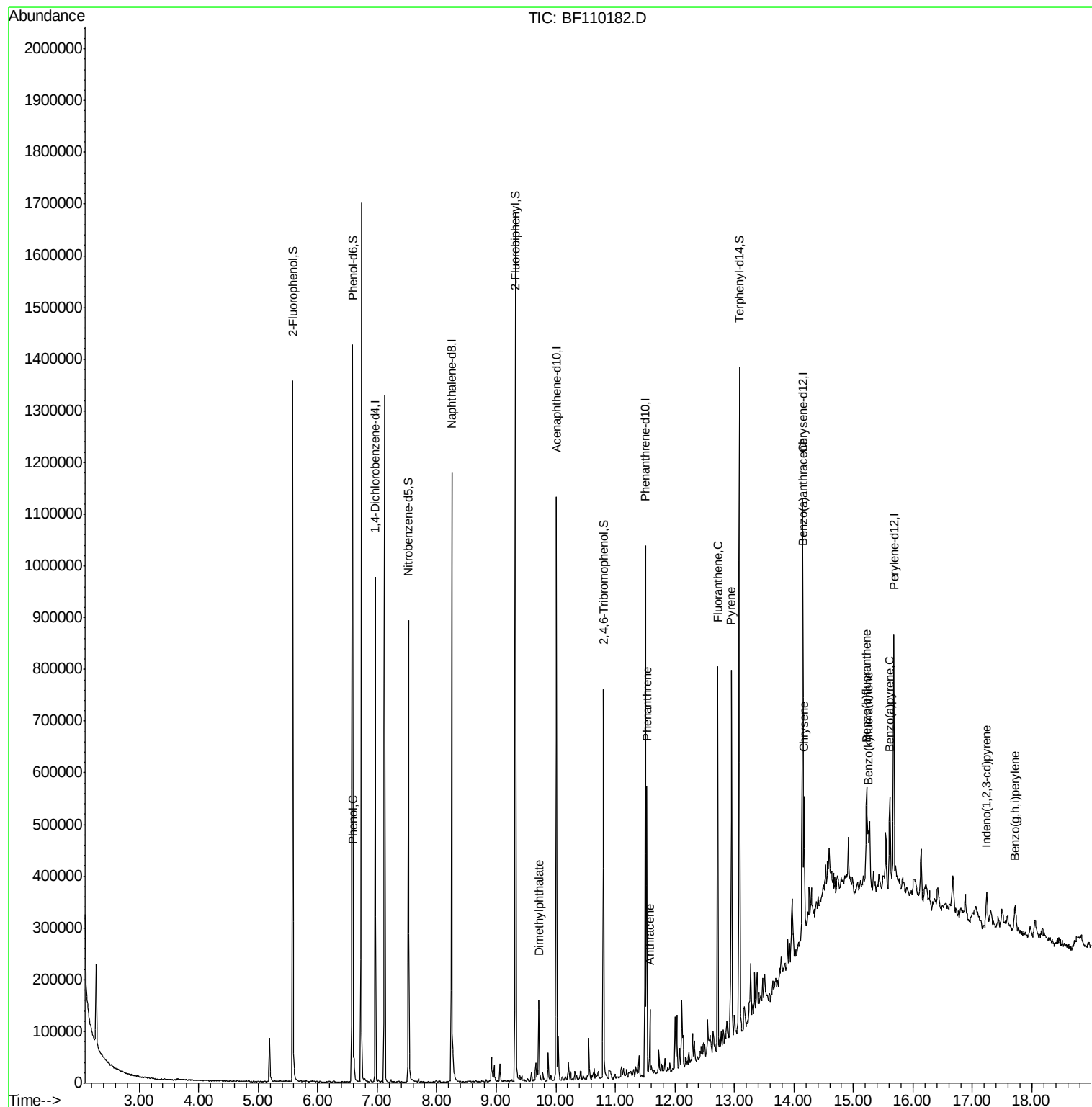
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110182.D
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Sample : J5200-15 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

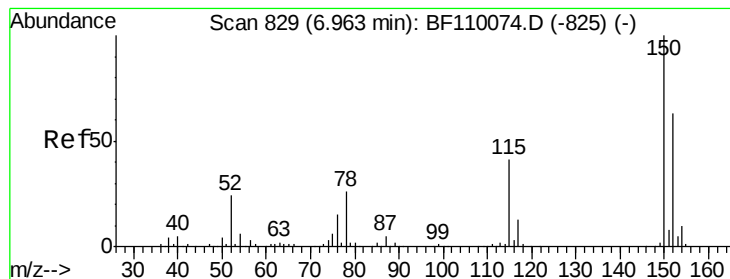
Instrument :
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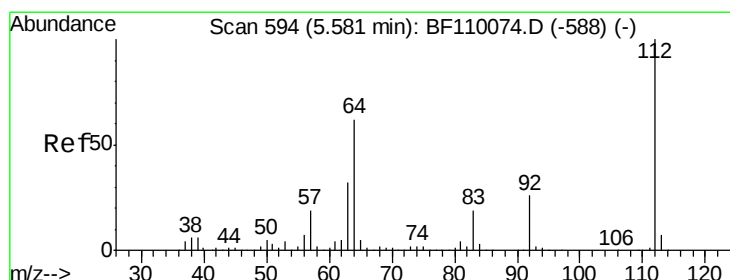
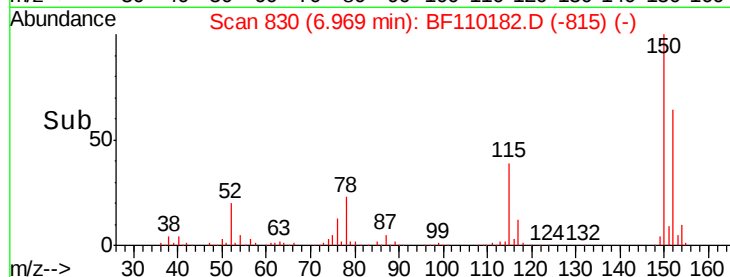
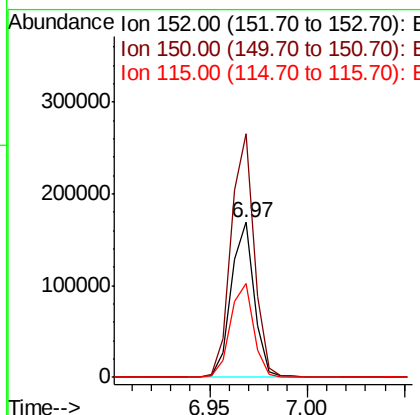
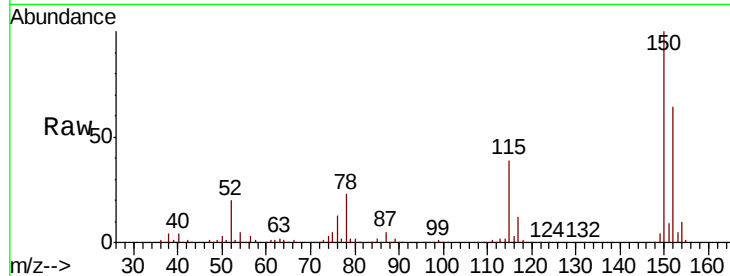
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110182.D
 Acq: 26 Oct 2018 1:13

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-102318-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	122.7	184.1
115	61.0	49.1	73.7

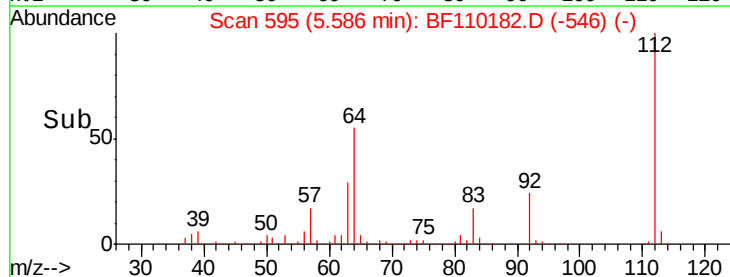
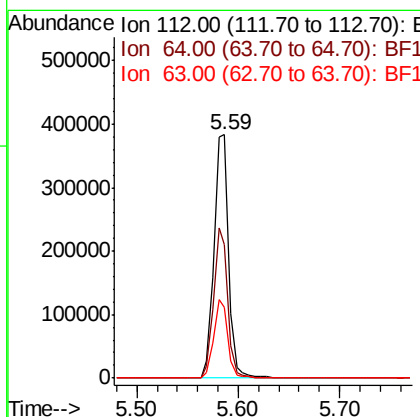
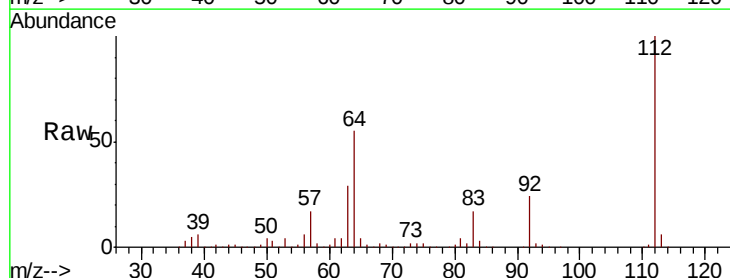
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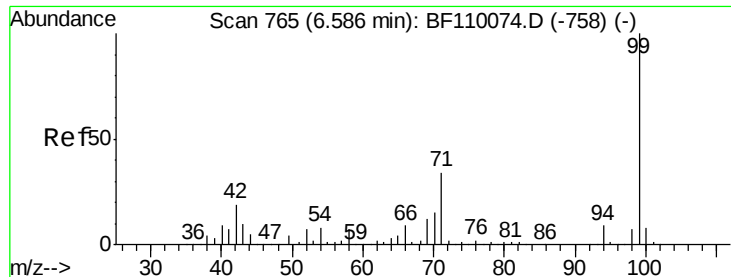
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#5
 2-Fluorophenol
 Concen: 45.532 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF110182.D
 Acq: 26 Oct 2018 1:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	44.1	66.1
63	28.9	23.7	35.5





#7

Phenol-d6

Concen: 43.789 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110182.D

Acq: 26 Oct 2018 1:13

Instrument :

BNA_F

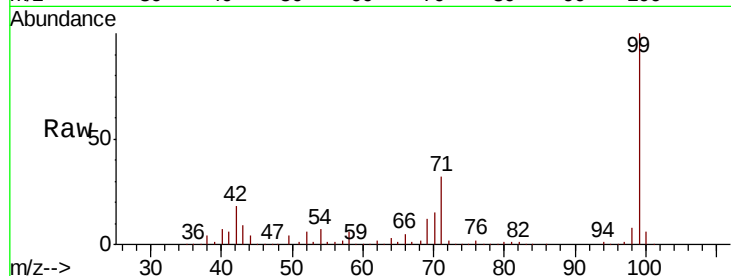
ClientSampleId :

OR-02-102318-B

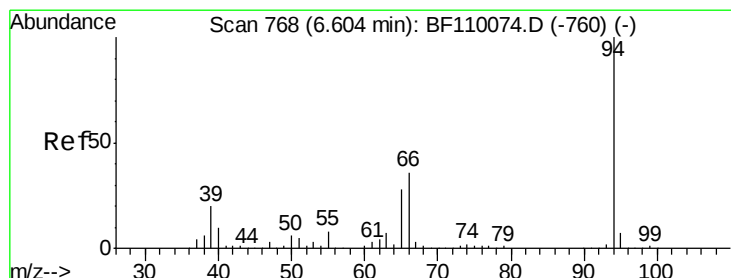
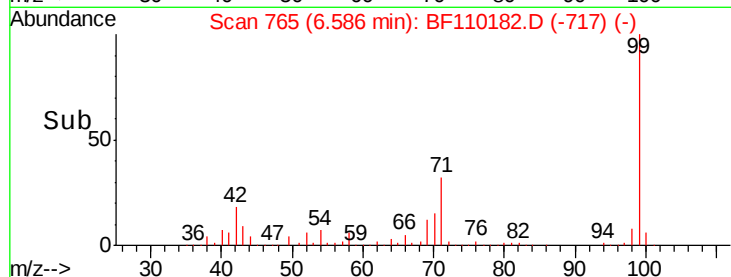
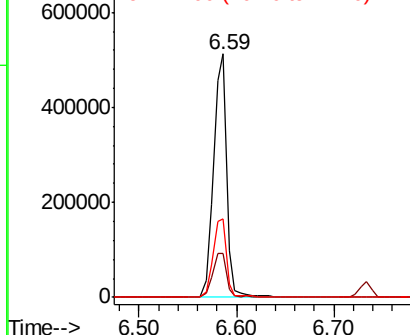
Tot Ion:	99	Resp:	476202
Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.8	23.6
71	32.4	28.0	42.0

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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



#10

Phenol

Concen: 2.385 ng

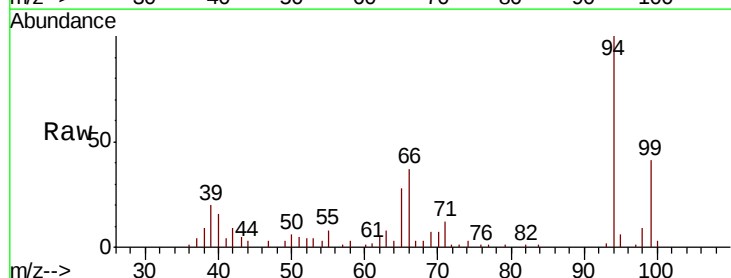
RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

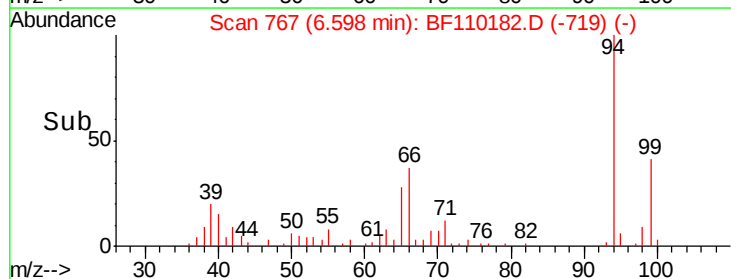
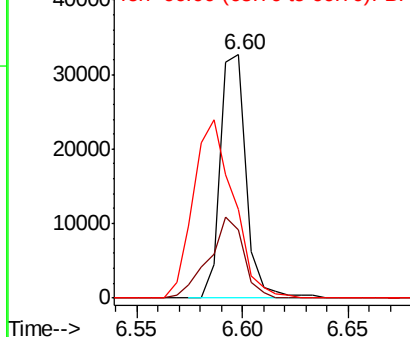
Lab File: BF110182.D

Acq: 26 Oct 2018 1:13

Tgt Ion:	94	Resp:	27721
Ion	Ratio	Lower	Upper
94	100		
65	27.8	25.3	65.3
66	36.7	54.5	94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





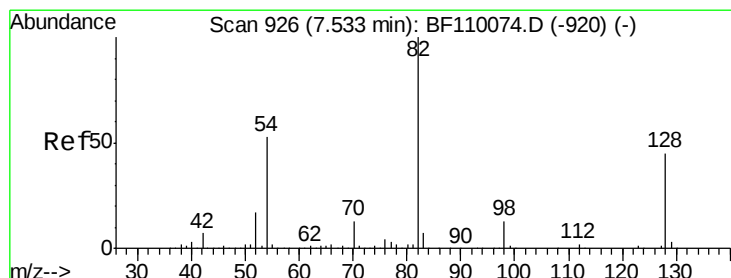
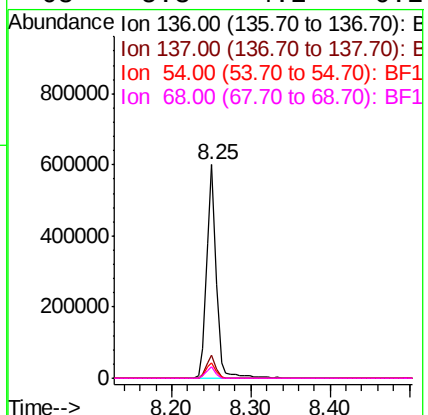
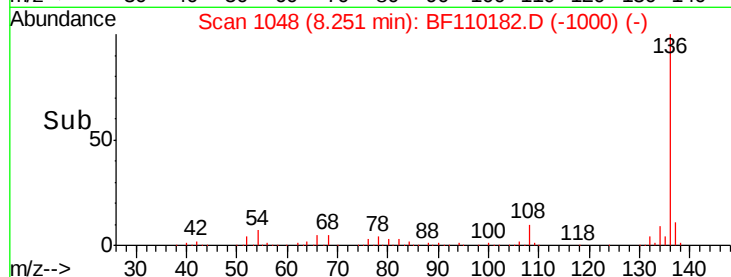
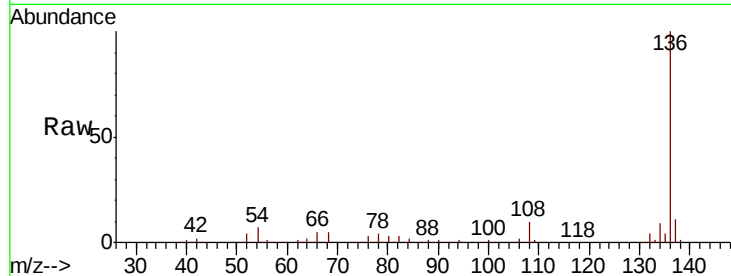
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110182.D
Acq: 26 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
OR-02-102318-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		517193		
137	10.9	8.8	13.2		
54	7.4	5.4	8.2		
68	5.3	4.2	6.2		

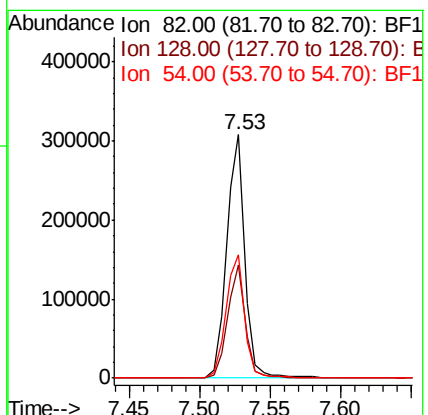
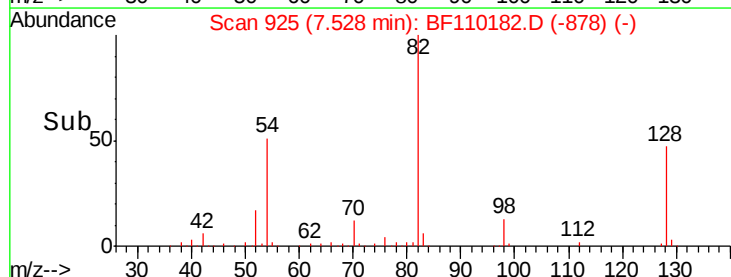
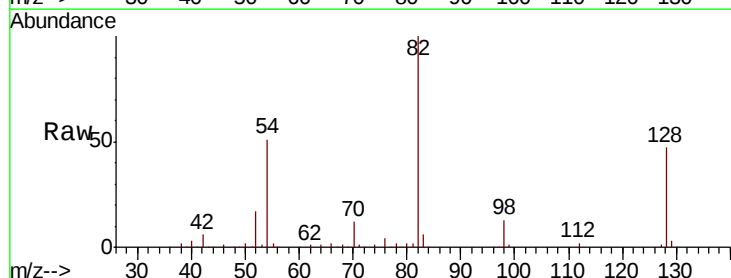
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#23
Nitrobenzene-d5
Concen: 31.407 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110182.D
Acq: 26 Oct 2018 1:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		273858		
128	46.5	34.2	51.2		
54	50.6	38.6	58.0		





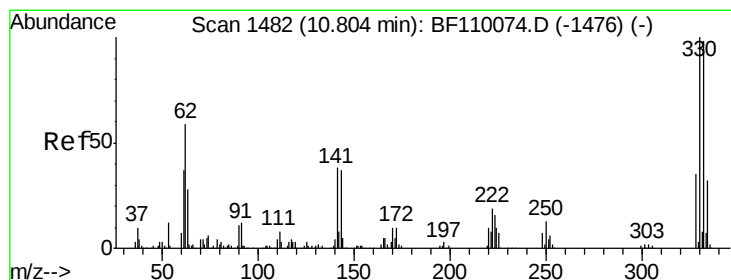
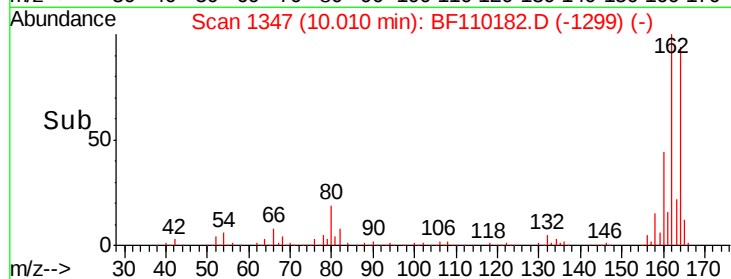
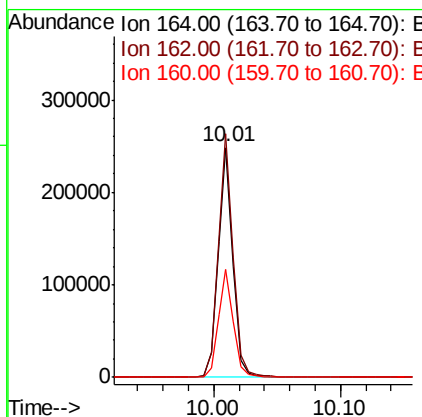
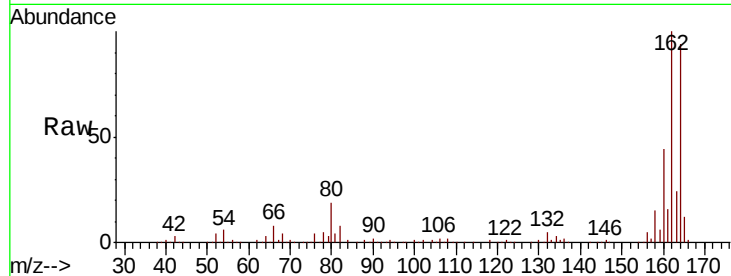
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110182.D
Acq: 26 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
OR-02-102318-B

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.0	83.0	124.6
160	47.1	37.0	55.6

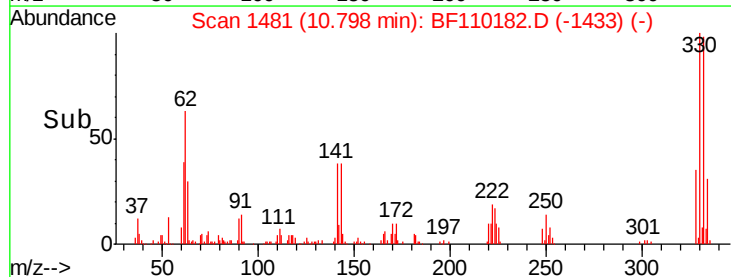
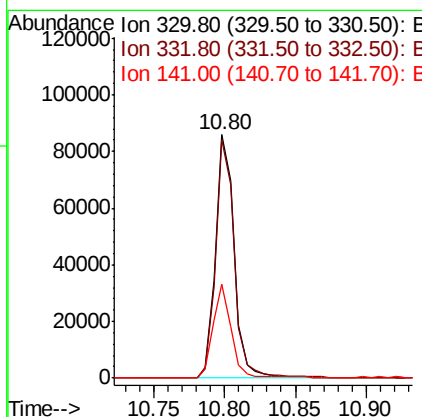
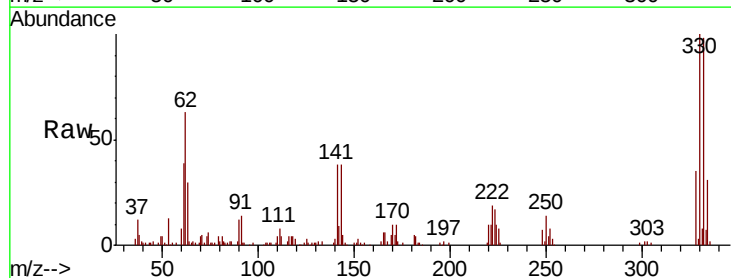
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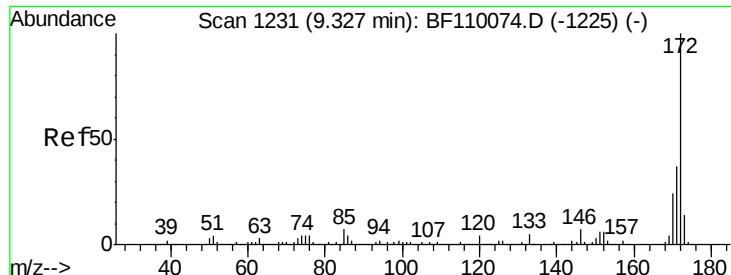
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#42
2,4,6-Tribromophenol
Concen: 39.467 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110182.D
Acq: 26 Oct 2018 1:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.1	115.7
141	38.0	27.0	40.4





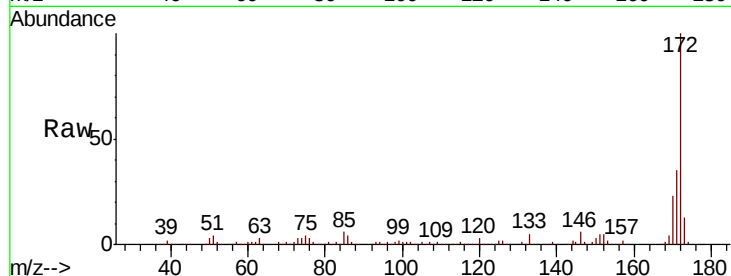
#45
2-Fluorobiphenyl
Concen: 37.445 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110182.D
Acq: 26 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
OR-02-102318-B

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.2	19.7	29.5

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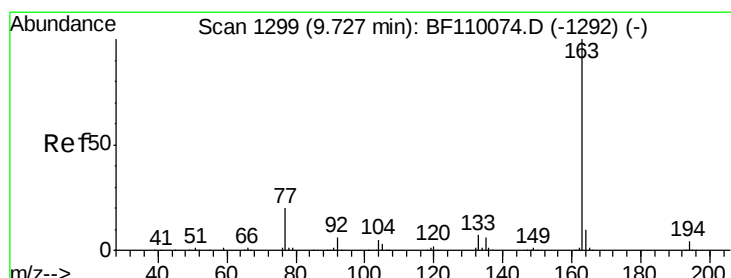
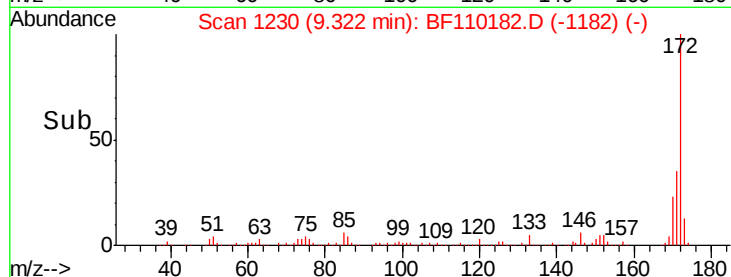
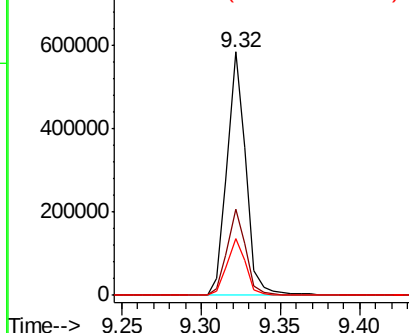


Abundance

Ion 172.00 (171.70 to 172.70): E

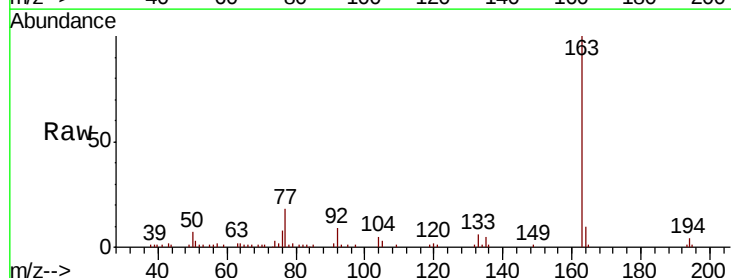
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 4.088 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110182.D
Acq: 26 Oct 2018 1:13

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.8	8.1	12.1

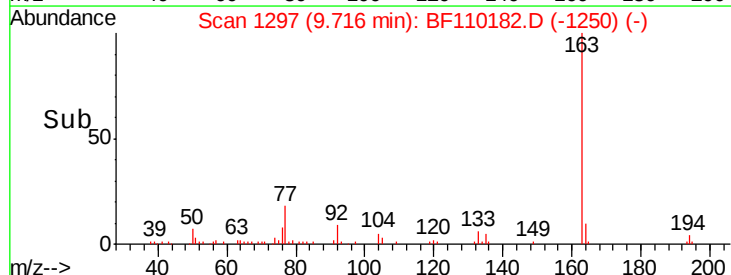
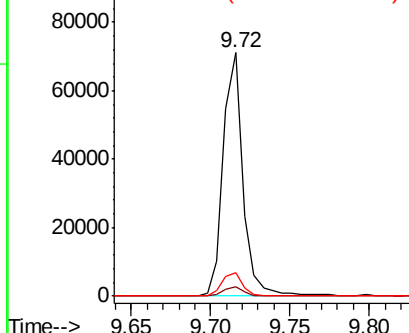


Abundance

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





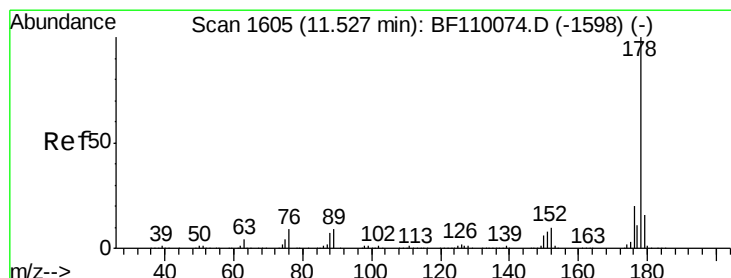
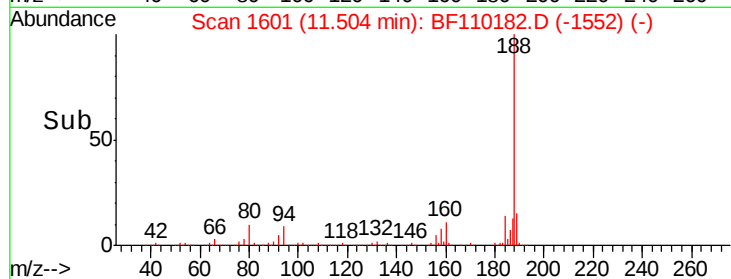
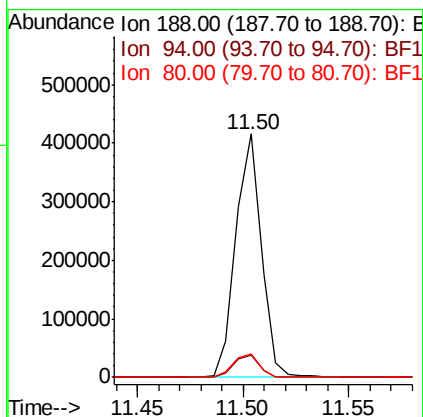
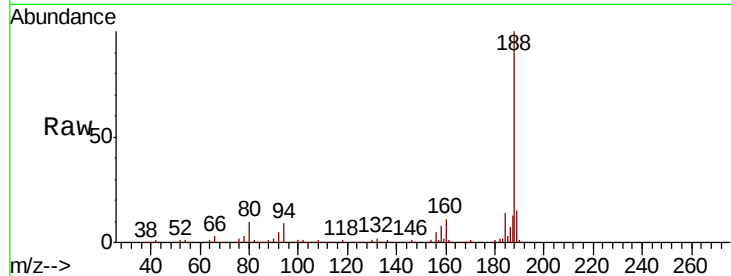
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110182.D
Acq: 26 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
OR-02-102318-B

Tot Ion	Ratio	Resp	Lower	Upper
188	100	347575		
94	9.2		7.2	10.8
80	9.7		7.9	11.9

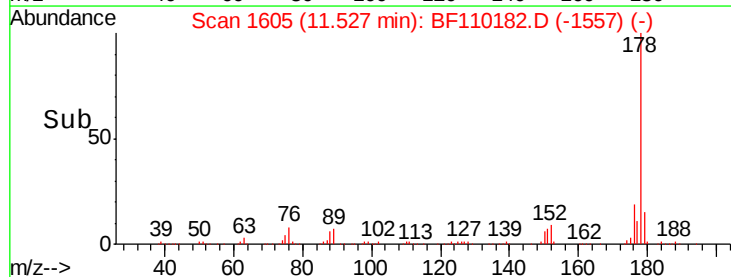
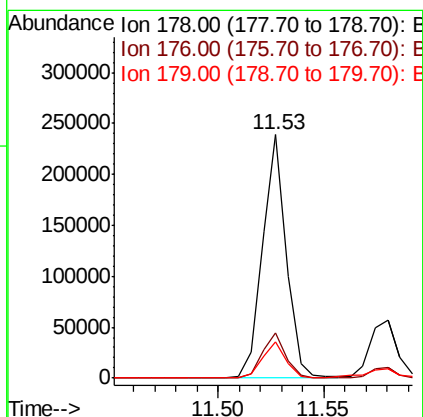
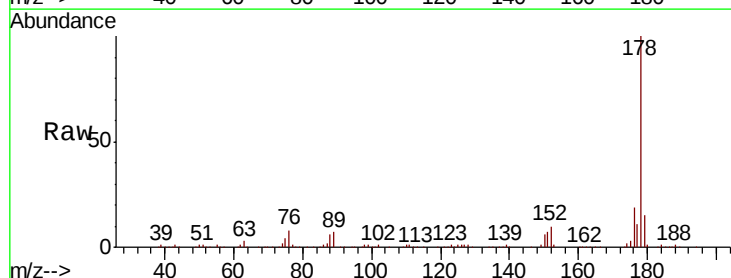
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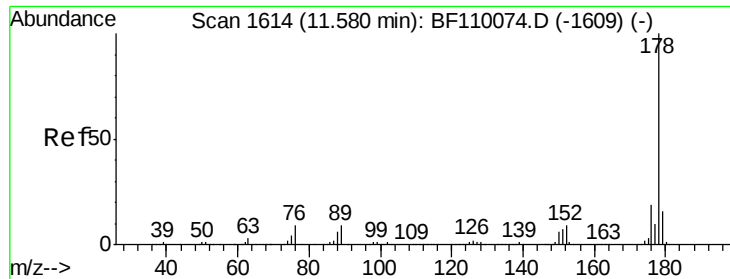
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#71
Phenanthrene
Concen: 10.261 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110182.D
Acq: 26 Oct 2018 1:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	186617		
176	18.6		15.5	23.3
179	14.9		12.5	18.7





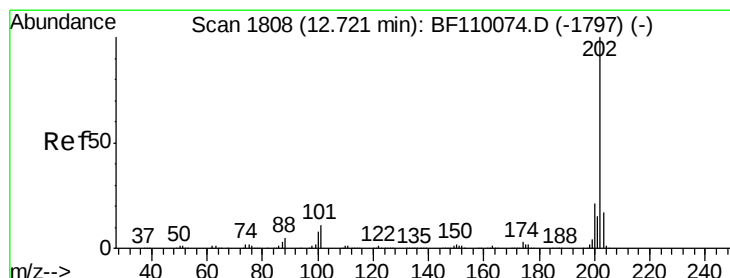
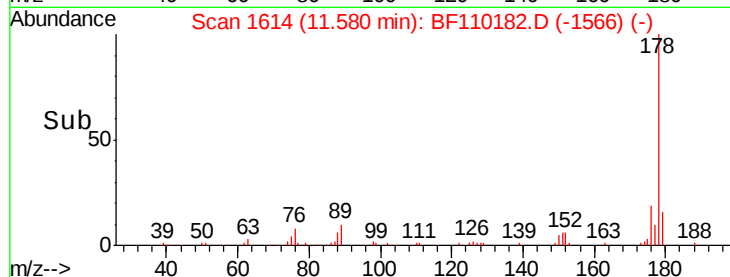
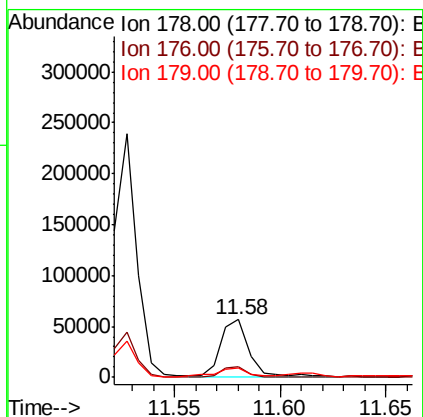
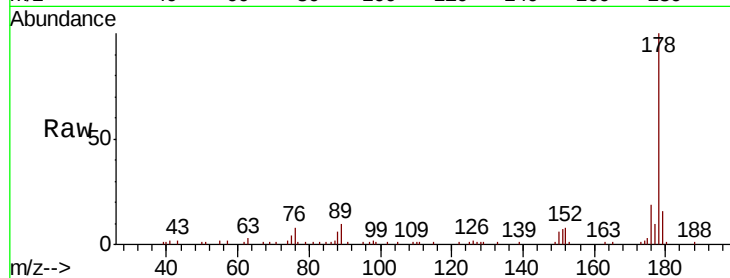
#72
 Anthracene
 Concen: 2.858 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.02 min
 Lab File: BF110182.D
 Acq: 26 Oct 2018 1:13

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-102318-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	16.2	12.6	18.8

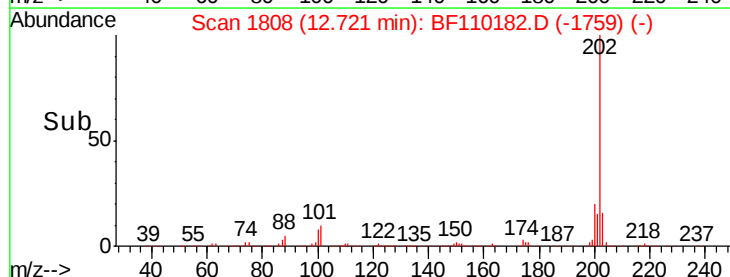
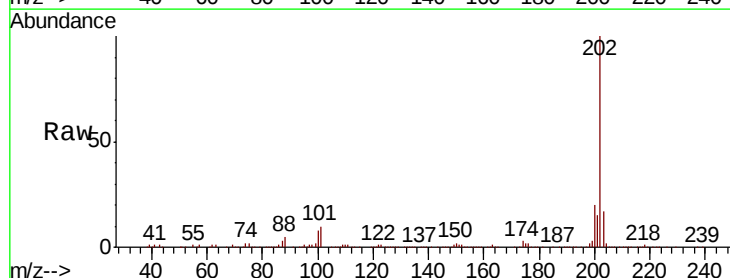
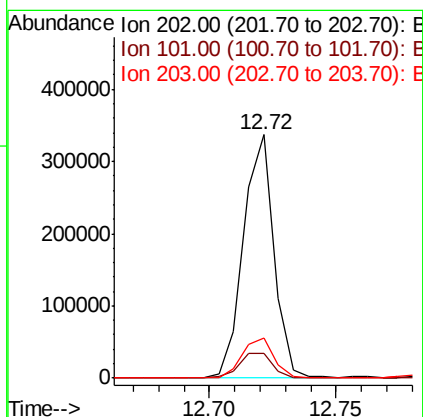
Manual Integrations
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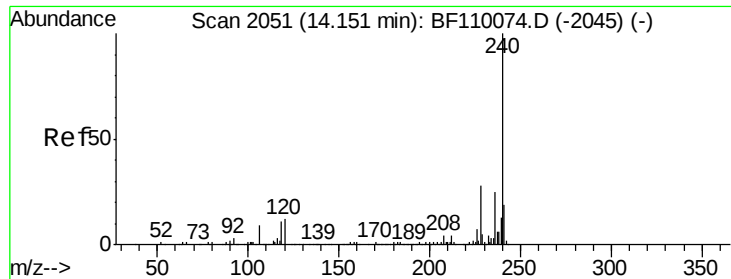
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#75
 Fluoranthene
 Concen: 15.189 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF110182.D
 Acq: 26 Oct 2018 1:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	31.4
203	16.7	0.0	37.7





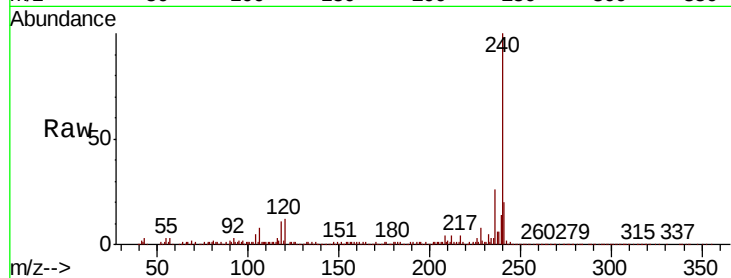
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110182.D
Acq: 26 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
OR-02-102318-B

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	11.7	8.3	12.5
236	26.0	21.2	31.8

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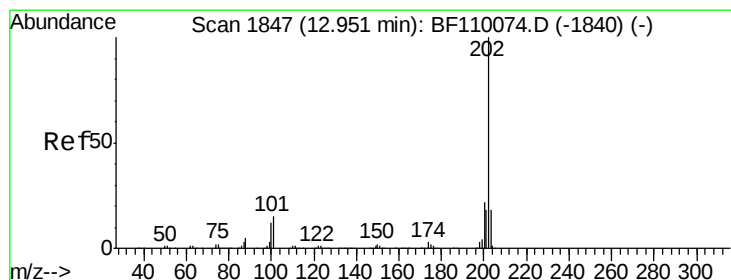
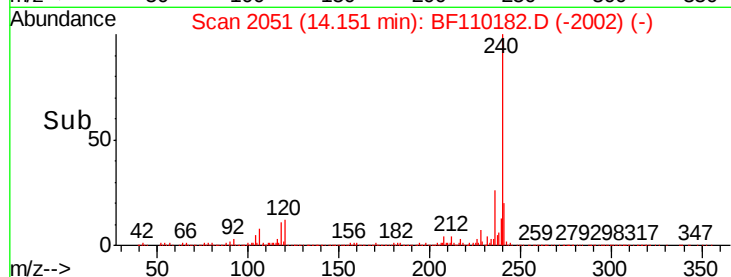
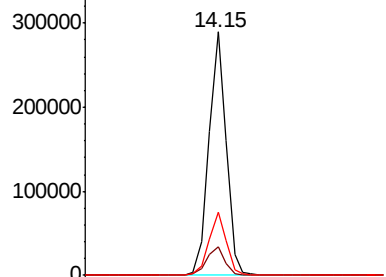


Abundance

Ion 240.00 (239.70 to 240.70): E

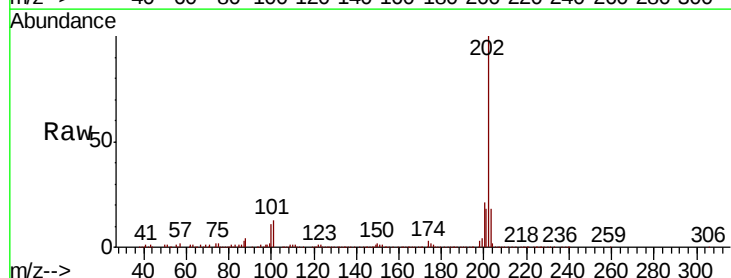
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 14.515 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110182.D
Acq: 26 Oct 2018 1:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.3	17.8	26.6
203	18.0	14.2	21.4

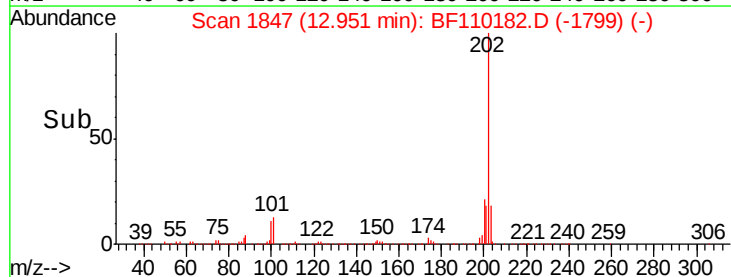
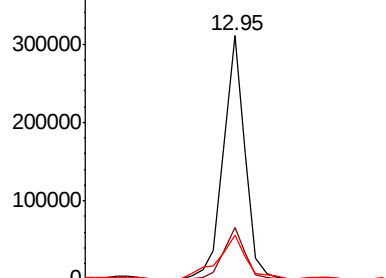


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 33.216 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110182.D

Acq: 26 Oct 2018 1:13

Instrument :

BNA_F

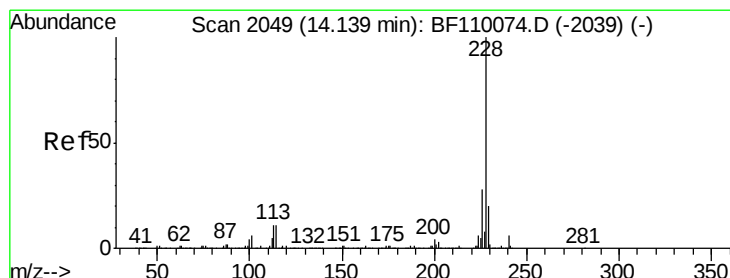
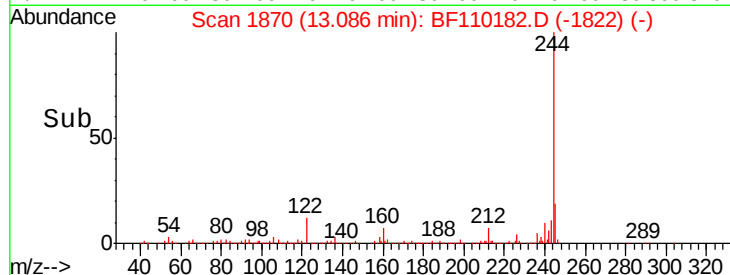
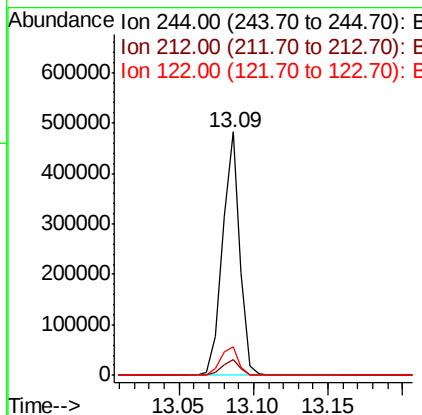
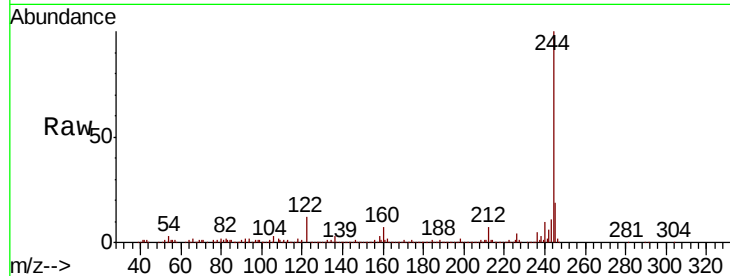
ClientSampleId :

OR-02-102318-B

Tot Ion:	244	Resp:	392317
Ion Ratio		Lower	Upper
244	100		
212	6.6	5.8	8.8
122	11.7	8.7	13.1

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#81

Benzo(a)anthracene

Concen: 7.525 ng

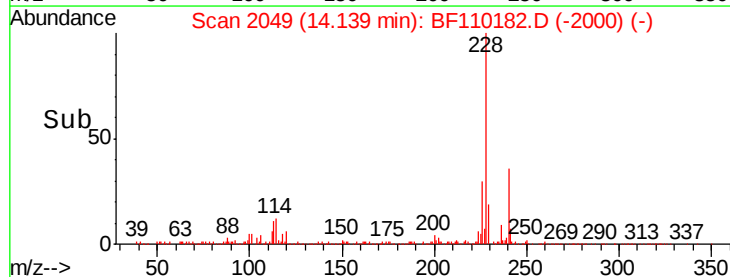
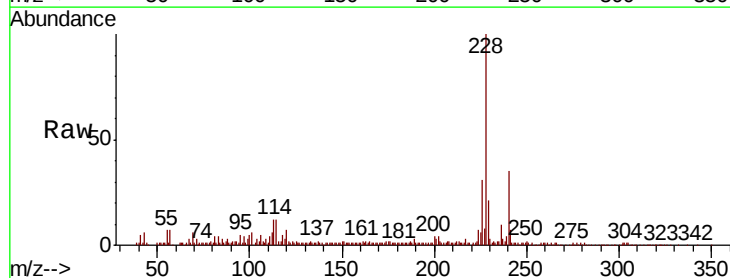
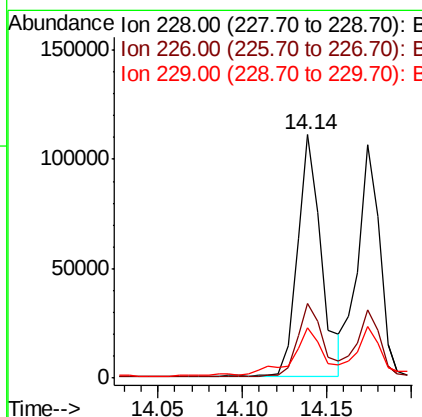
RT: 14.14 min Scan# 2049

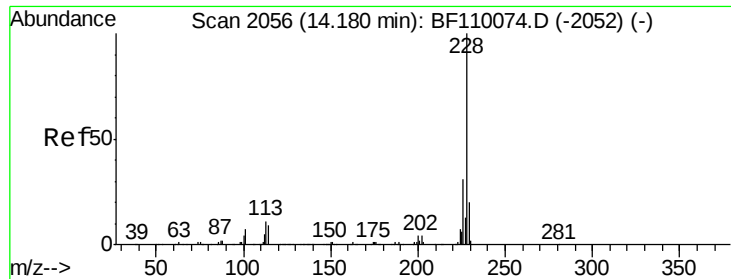
Delta R.T. -0.01 min

Lab File: BF110182.D

Acq: 26 Oct 2018 1:13

Tgt Ion:	228	Resp:	109618
Ion Ratio		Lower	Upper
228	100		
226	30.5	22.1	33.1
229	20.8	15.6	23.4





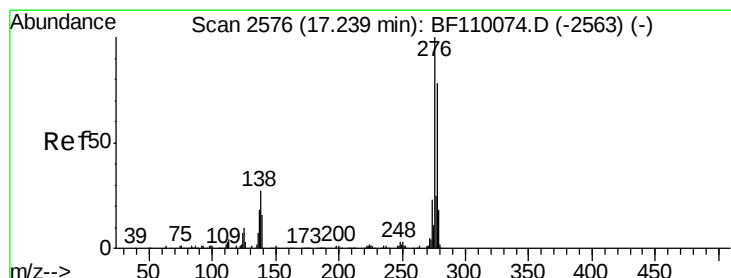
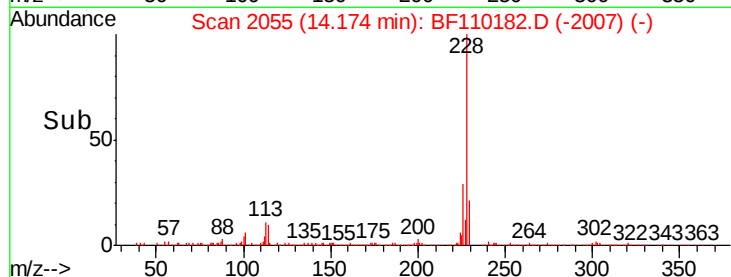
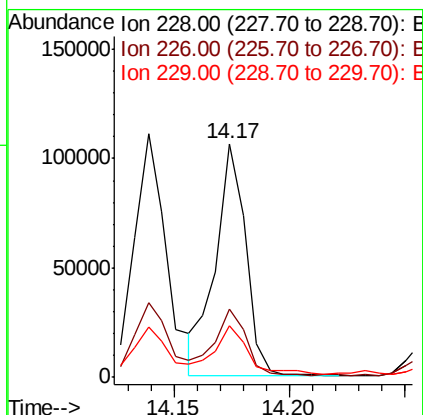
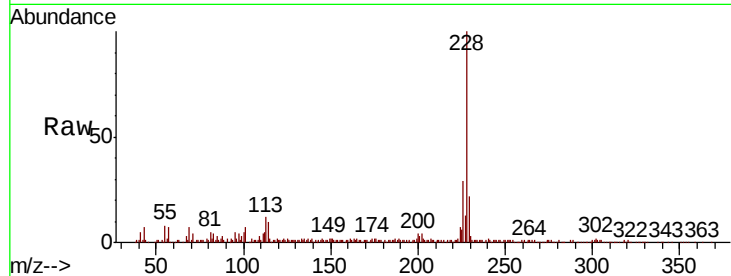
#83
Chrysene
Concen: 6.969 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BF110182.D
Acq: 26 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
OR-02-102318-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.7	37.1
229	22.3	15.9	23.9

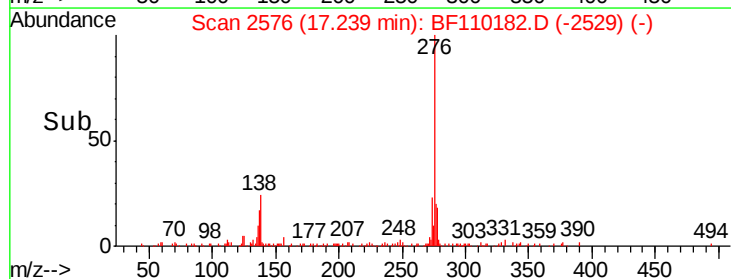
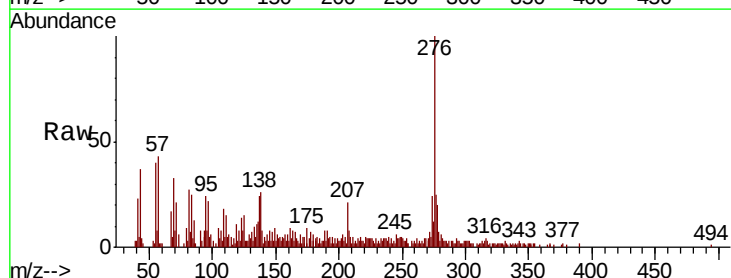
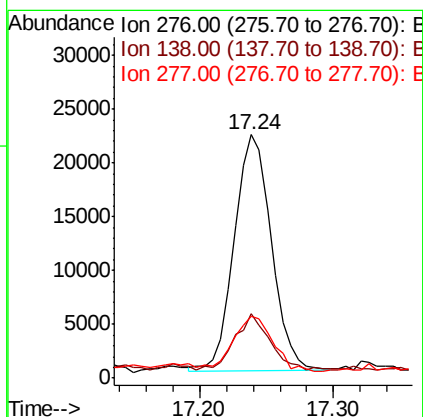
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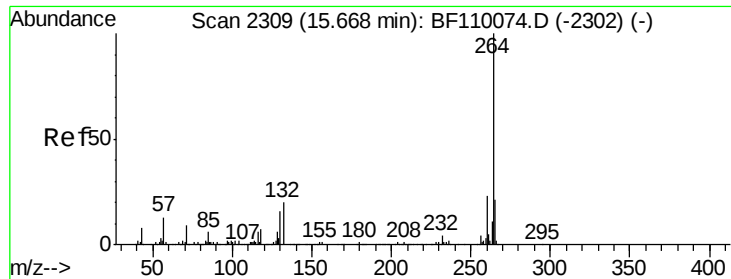
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#86
Indeno(1,2,3-cd)pyrene
Concen: 3.711 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF110182.D
Acq: 26 Oct 2018 1:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	18.5	27.7
277	25.5	20.0	30.0





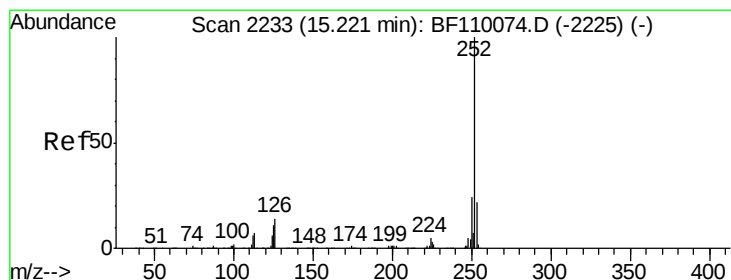
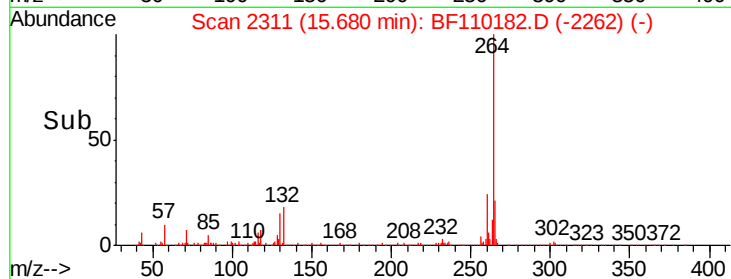
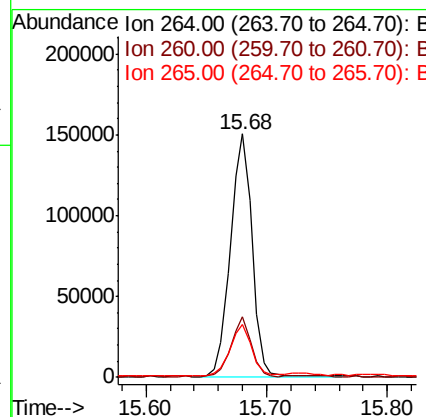
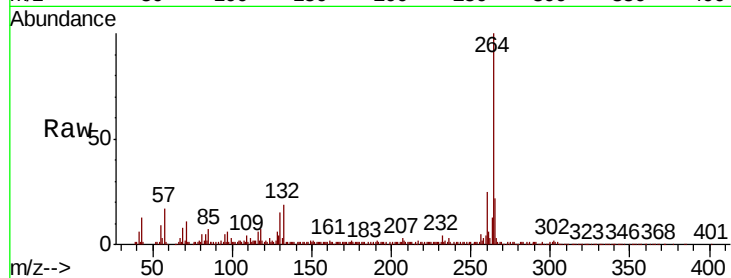
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110182.D
Acq: 26 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
OR-02-102318-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.7	28.1
265	21.9	16.7	25.1

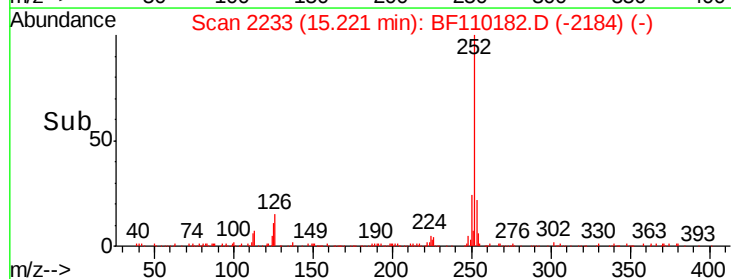
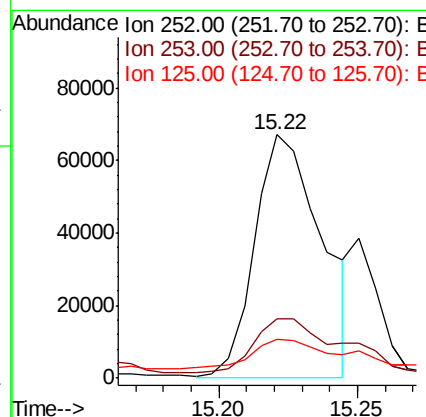
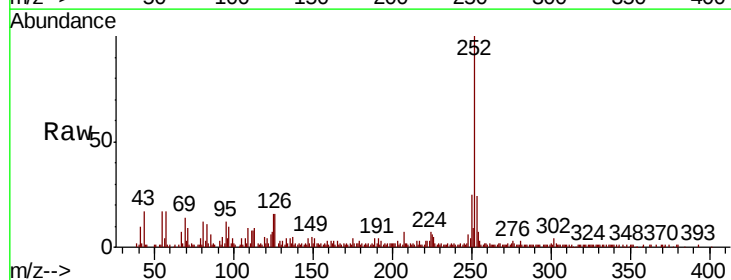
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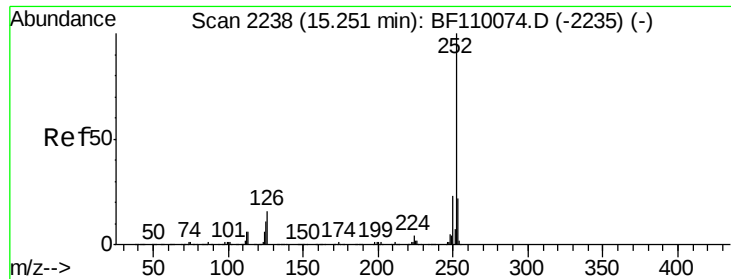
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#88
Benzo(b)fluoranthene
Concen: 10.518 ng m
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF110182.D
Acq: 26 Oct 2018 1:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	15.9	8.2	12.4#





#89

Benzo(k)fluoranthene

Concen: 2.717 ng/mL

RT: 15.25 min Scan# 2238

Delta R.T. -0.02 min

Lab File: BF110182.D

Acq: 26 Oct 2018 1:13

Instrument :

BNA_F

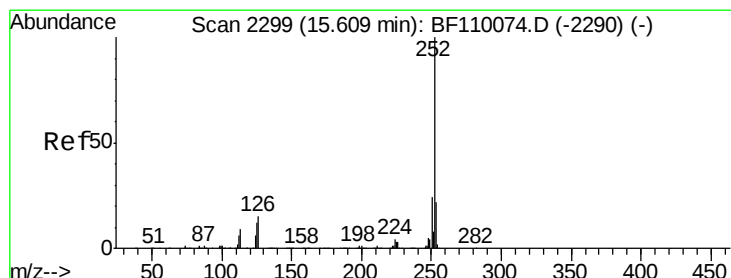
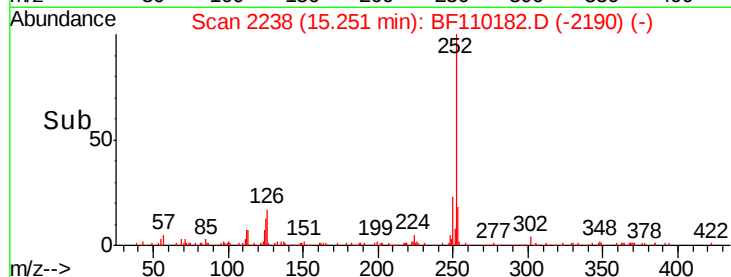
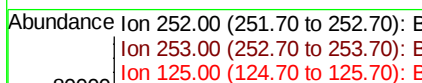
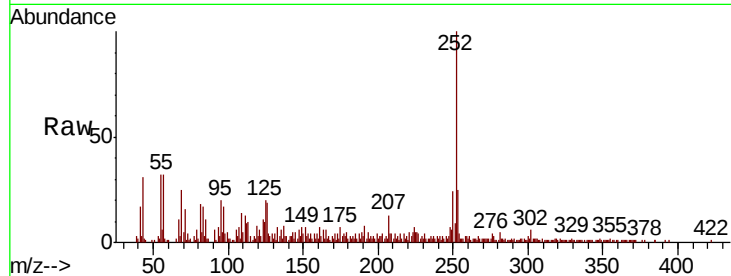
ClientSampleId :

OR-02-102318-B

Tot Ion:	252	Resp:	28769
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.2	25.8
125	20.0	7.4	11.0#

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#90

Benzo(a)pyrene

Concen: 7.368 ng/mL

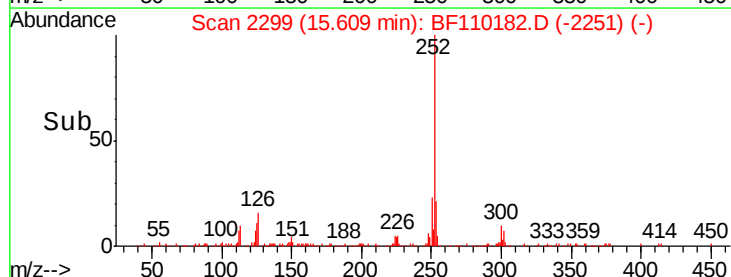
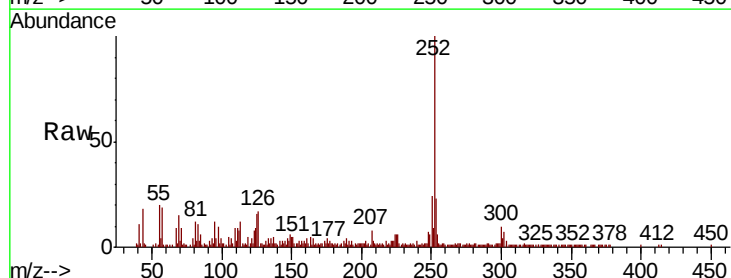
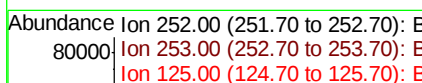
RT: 15.61 min Scan# 2299

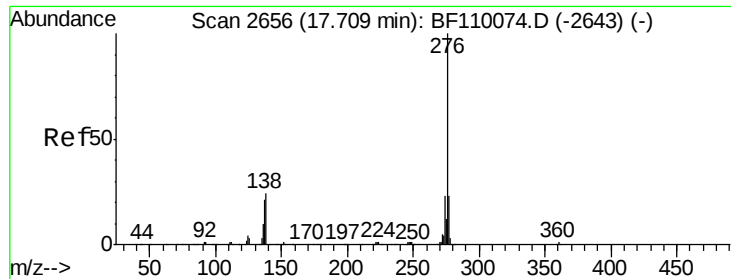
Delta R.T. -0.02 min

Lab File: BF110182.D

Acq: 26 Oct 2018 1:13

Tgt Ion:	252	Resp:	73015
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.2	27.4
125	15.9	9.0	13.6#





#92
 Benzo(a,h,i)perylene
 Concen: 5.281 ng
 RT: 17.72 min Scan# 2657
 Delta R.T. -0.02 min
 Lab File: BF110182.D
 Acq: 26 Oct 2018 1:13

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-102318-B

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.1	18.8	28.2
138	29.7	16.0	24.0

Manual Integrations
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