

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110418.D
 Acq On : 2 Nov 2018 18:11
 Operator : JU/SJ
 Sample : J5769-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GOFFLE-RD-1

Manual Integrations
 APPROVED

Sohil
 11/5/2018 10:32:43 AM

Quant Time: Nov 03 00:03:11 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	6.95	152	100868	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	422735	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	199239	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	328685	20.00	ng	0.00
76) Chrysene-d12	14.13	240	182176	20.00	ng	0.00
87) Perylene-d12	15.66	264	185088	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	650487	105.02	ng	0.01
7) Phenol-d6	6.58	99	846978	106.90	ng	0.00
23) Nitrobenzene-d5	7.52	82	535383	75.12	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	169822	86.05	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1006220	79.30	ng	0.00
79) Terphenyl-d14	13.07	244	693212	79.14	ng	0.00
Target Compounds						
10) Phenol	6.59	94	53805	6.353	ng	Qvalue # 63
50) Dimethylphthalate	9.70	163	156967	10.673	ng	99
71) Phenanthrene	11.51	178	181869	10.575	ng	99
72) Anthracene	11.56	178	47946	2.781	ng	97
75) Fluoranthene	12.70	202	363416	20.821	ng	99
78) Pyrene	12.93	202	337895	25.872	ng	98
80) Butylbenzylphthalate	13.53	149	14356	2.532	ng	98
81) Benzo(a)anthracene	14.12	228	155153	14.361	ng	99
83) Chrysene	14.16	228	126936	12.371	ng	98
86) Indeno(1,2,3-cd)pyrene	17.22	276	77279	9.078	ng	100
88) Benzo(b)fluoranthene	15.20	252	189567m	17.736	ng	
89) Benzo(k)fluoranthene	15.23	252	57859m	5.506	ng	
90) Benzo(a)pyrene	15.59	252	133130	13.537	ng	99
91) Dibenzo(a,h)anthracene	17.22	278	19524m	2.301	ng	
92) Benzo(a,h,i)perylene	17.69	276	66384	7.939	ng	97

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

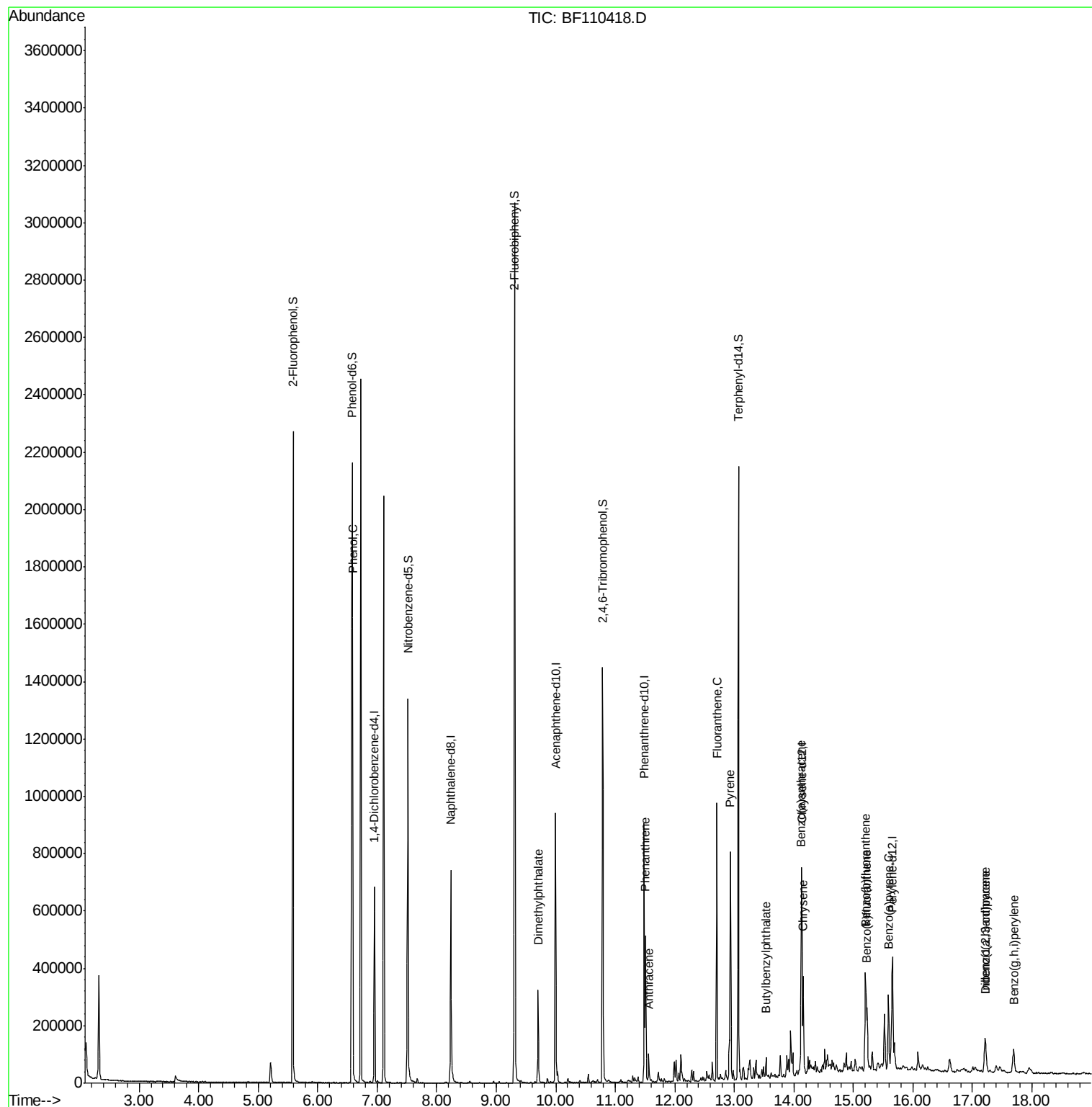
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
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#1

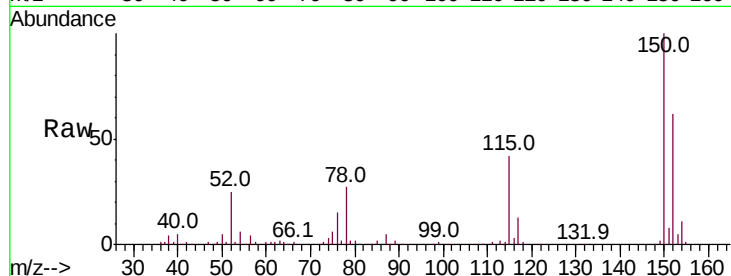
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Instrument :
BNA_F
ClientSampleId :
GOFFLE-RD-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	122.7	184.1
115	66.9	49.1	73.7

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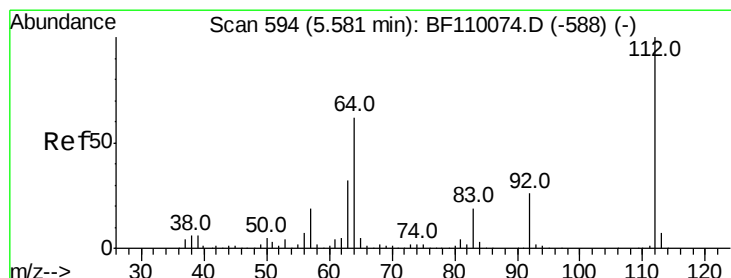
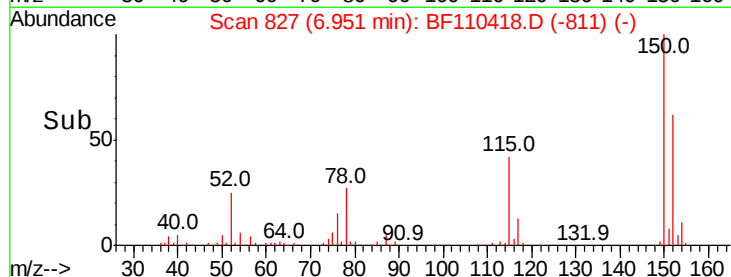
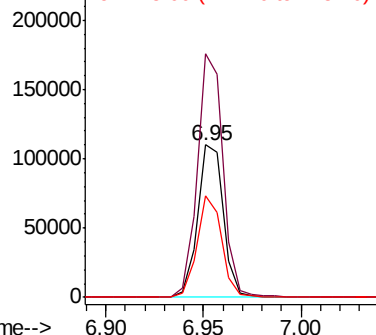


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

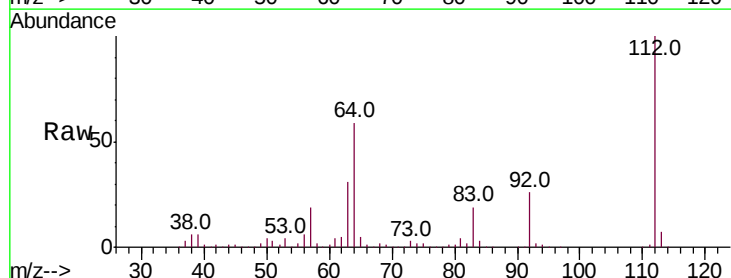
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 105.017 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	44.1	66.1
63	31.1	23.7	35.5

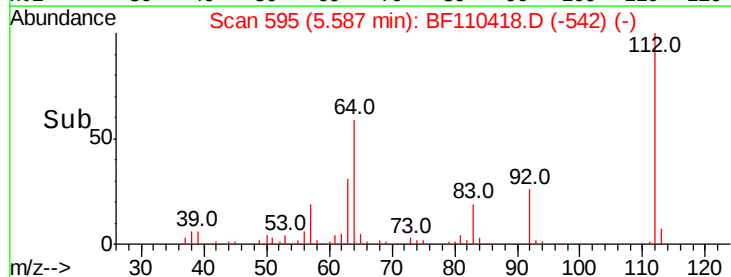
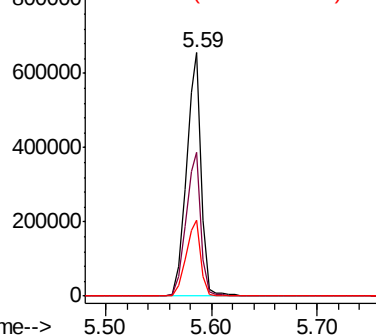


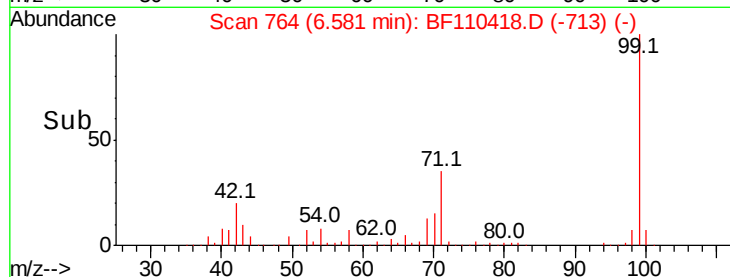
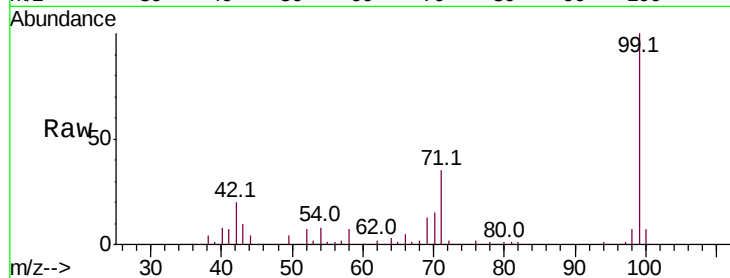
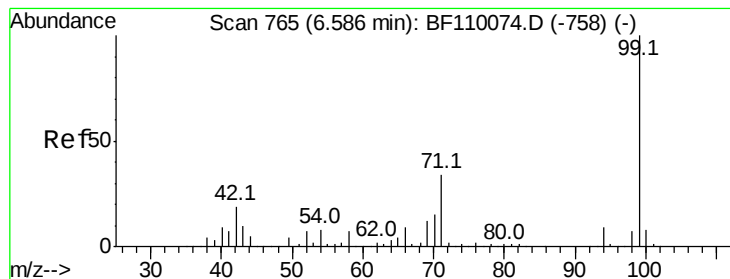
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 106.905 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110418.D

Acq: 2 Nov 2018 18:11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		846978		
42	19.6	15.8	23.6		
71	35.4	28.0	42.0		

Instrument :

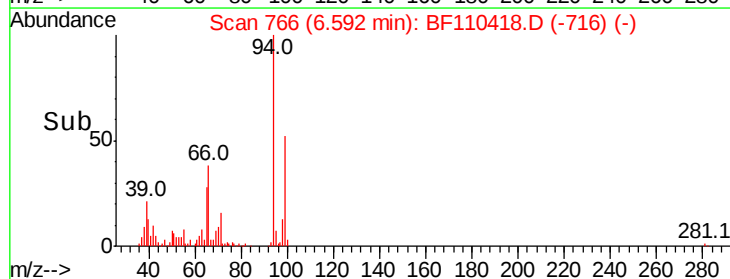
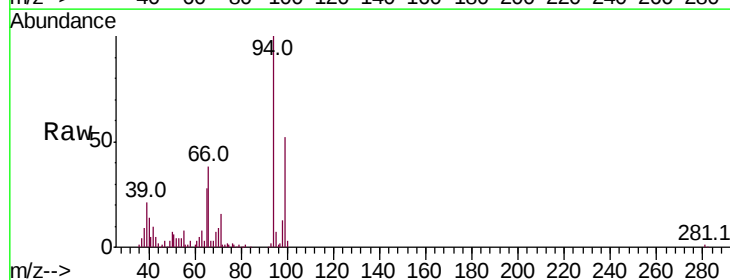
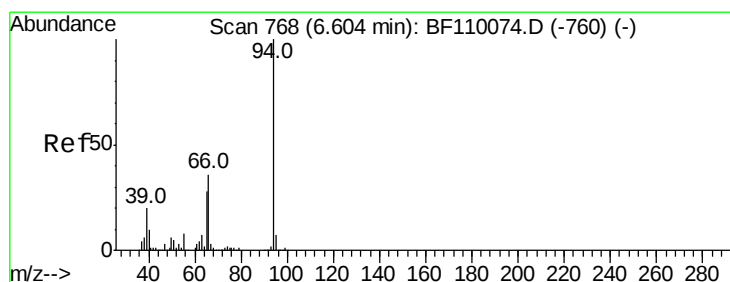
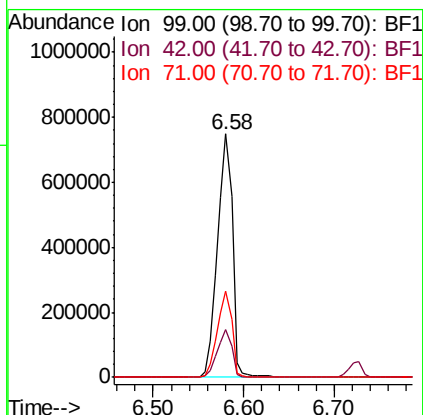
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ClientSampleId :

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#10

Phenol

Concen: 6.353 ng

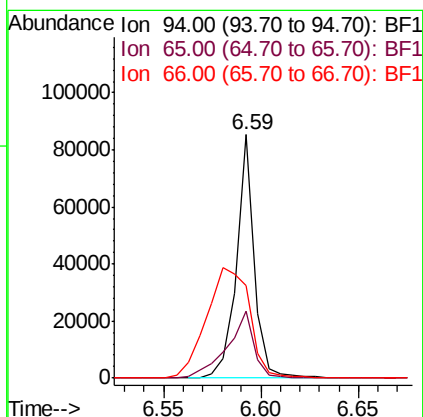
RT: 6.59 min Scan# 766

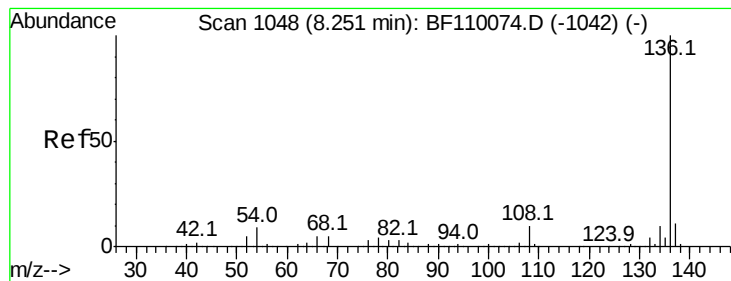
Delta R.T. -0.01 min

Lab File: BF110418.D

Acq: 2 Nov 2018 18:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		53805		
65	27.7	25.3	65.3		
66	38.0	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: BF110418.D

Acq: 2 Nov 2018 18:11

Instrument :

BNA_F

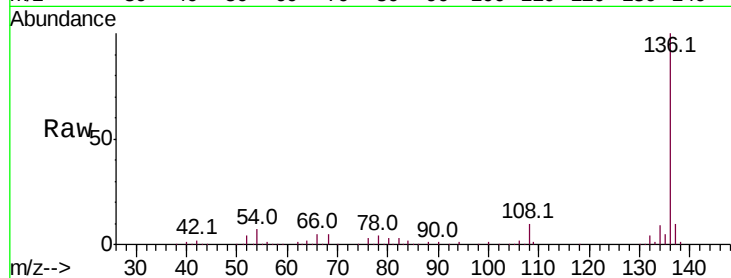
ClientSampleId :

GOFFLE-RD-1

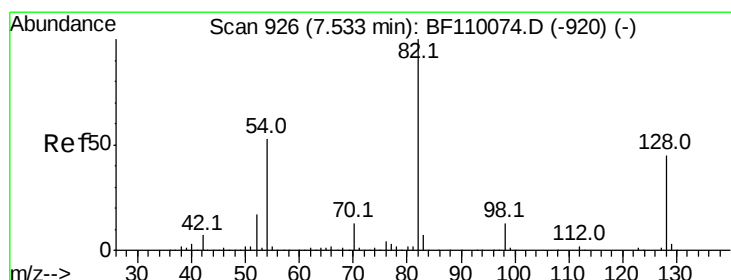
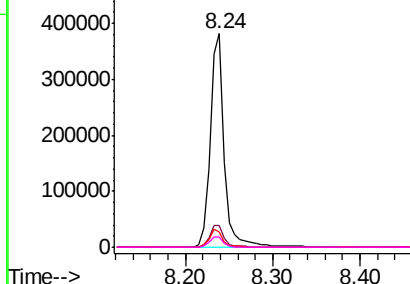
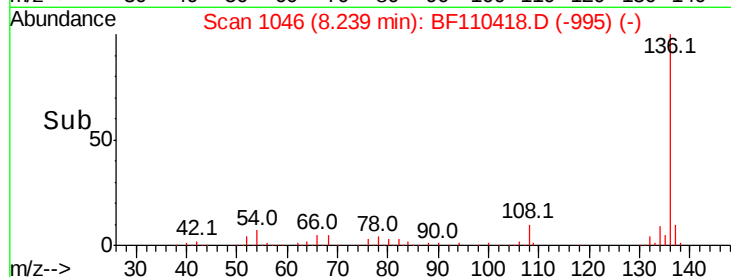
Tot Ion	Ratio	Resp	Lower	Upper
136	100	422735		
137	10.4		8.8	13.2
54	7.4		5.4	8.2
68	4.8		4.2	6.2

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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: 75.119 ng

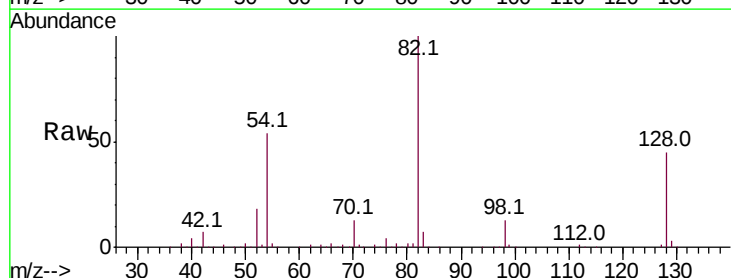
RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

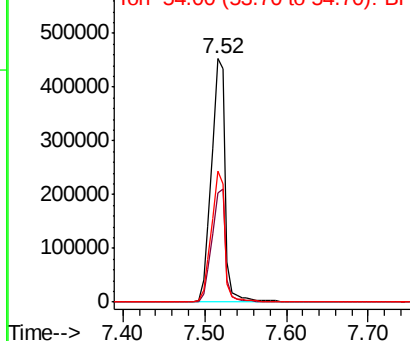
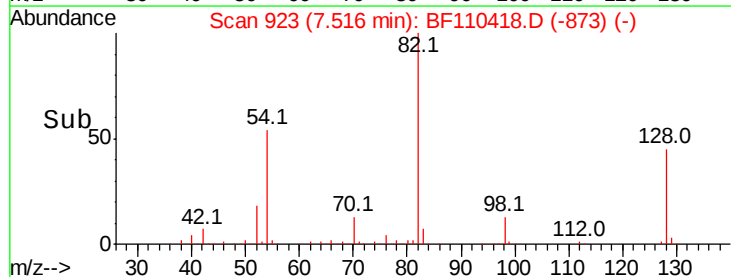
Lab File: BF110418.D

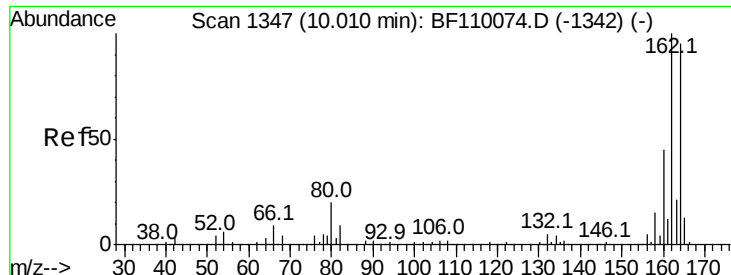
Acq: 2 Nov 2018 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	535383		
128	44.6		34.2	51.2
54	54.1		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





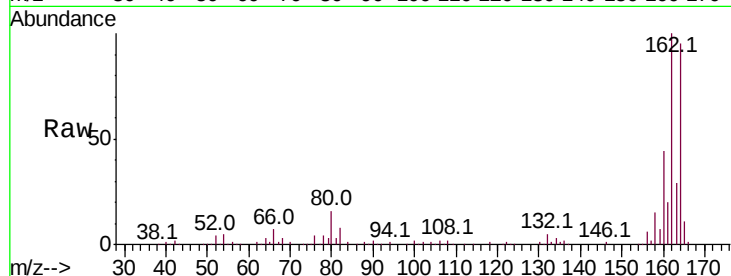
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Instrument :
BNA_F
ClientSampleId :
GOFFLE-RD-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.3	83.0	124.6	
160	46.4	37.0	55.6	

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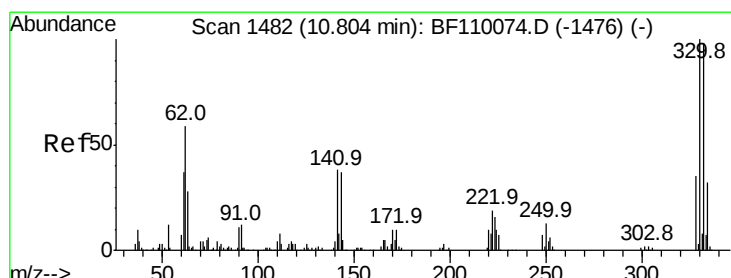
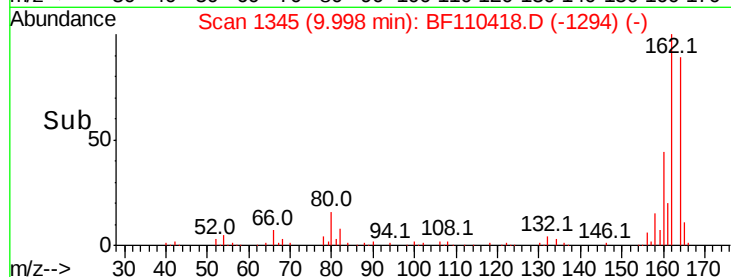
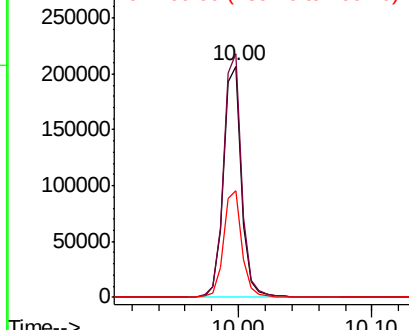


Abundance

Ion 164.00 (163.70 to 164.70): E

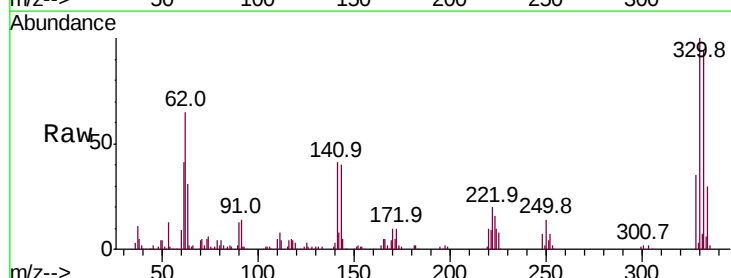
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 86.047 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	93.7	77.1	115.7	
141	36.8	27.0	40.4	

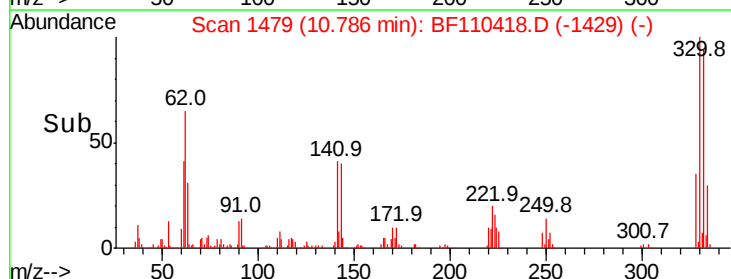
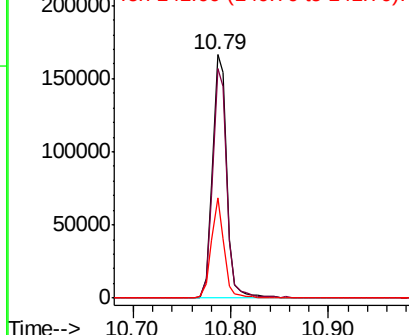


Abundance

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





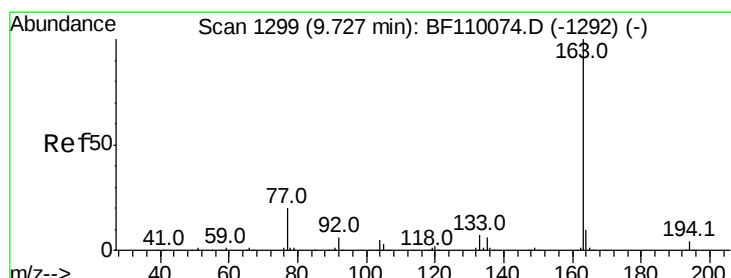
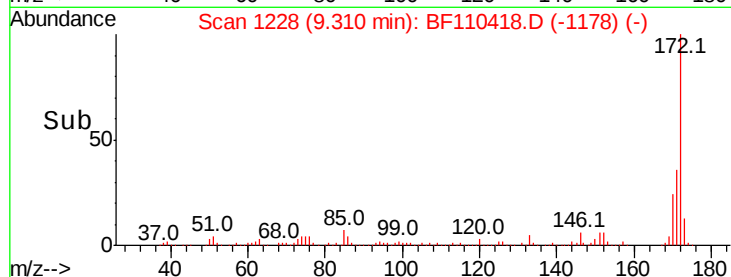
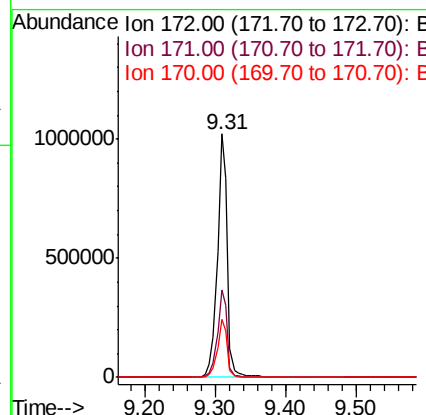
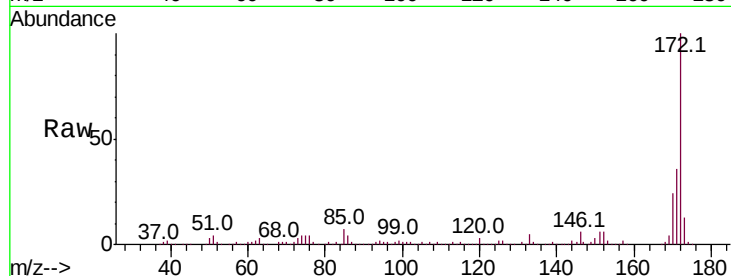
#45
2-Fluorobiphenyl
Concen: 79.303 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Instrument :
BNA_F
ClientSampleId :
GOFFLE-RD-1

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

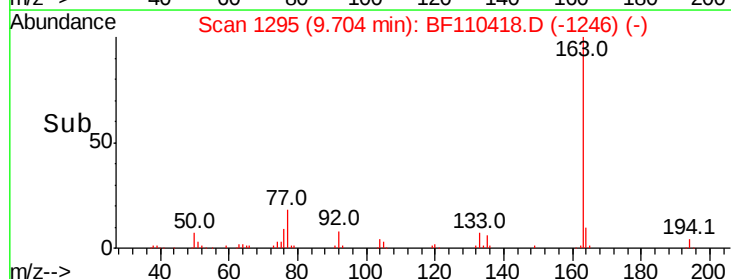
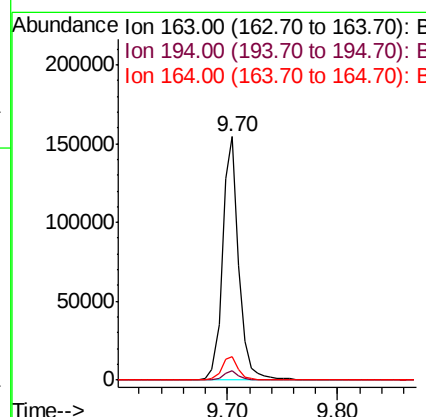
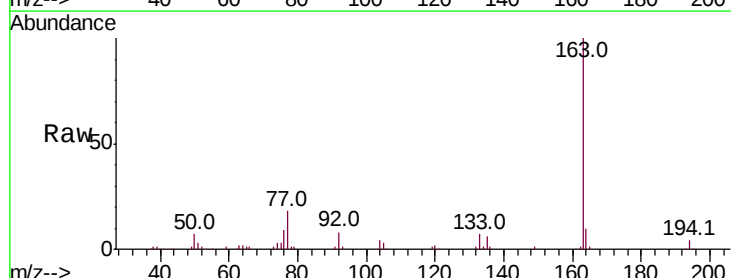
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#50
Dimethylphthalate
Concen: 10.673 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.8	8.1	12.1





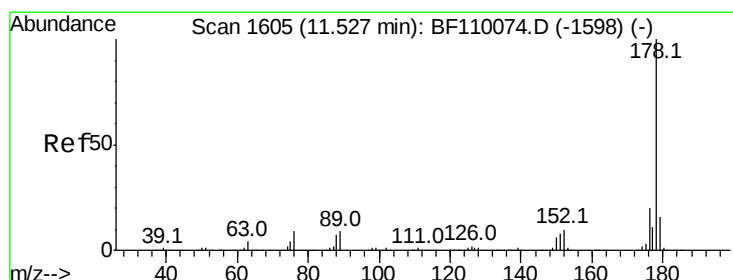
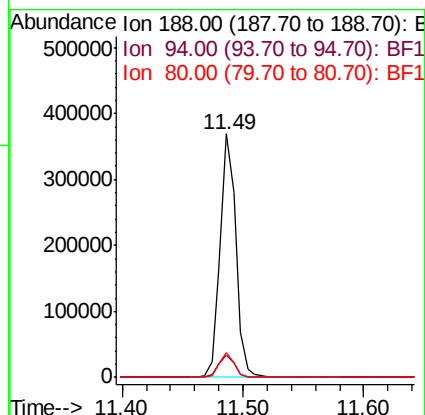
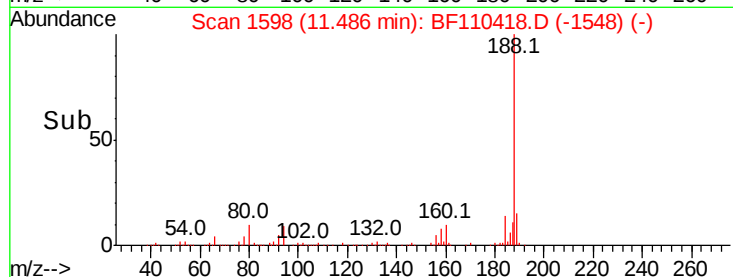
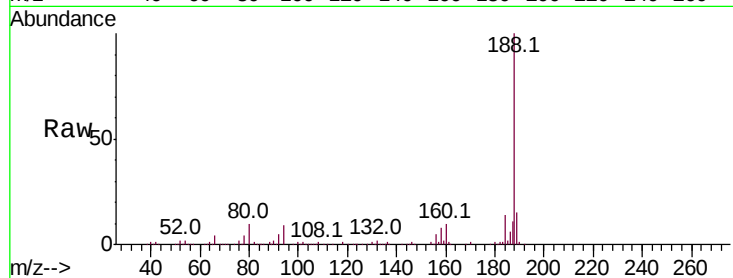
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Instrument :
BNA_F
ClientSampleId :
GOFFLE-RD-1

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.3	7.2	10.8	
80	9.9	7.9	11.9	

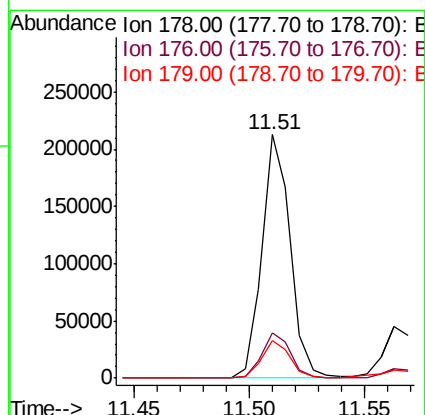
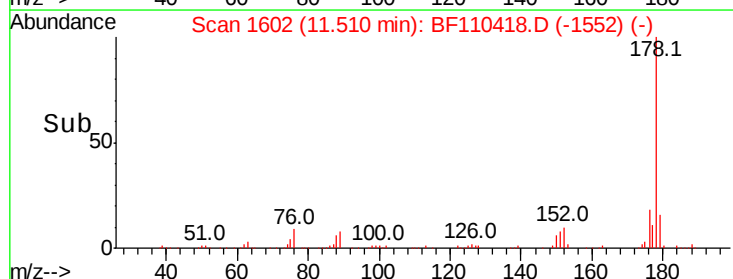
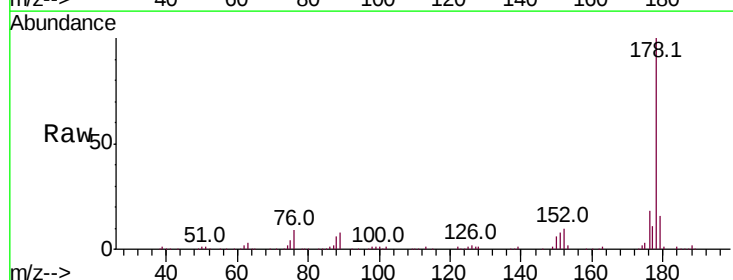
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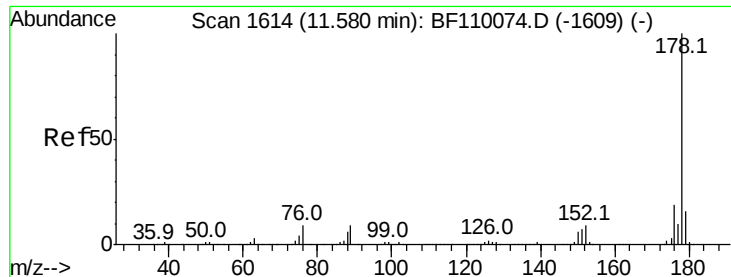
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11/5/2018 10:32:43 AM



#71
Phenanthrene
Concen: 10.575 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	18.5	15.5	23.3	
179	15.6	12.5	18.7	





#72

Anthracene

Concen: 2.781 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF110418.D

Acq: 2 Nov 2018 18:11

Instrument :

BNA_F

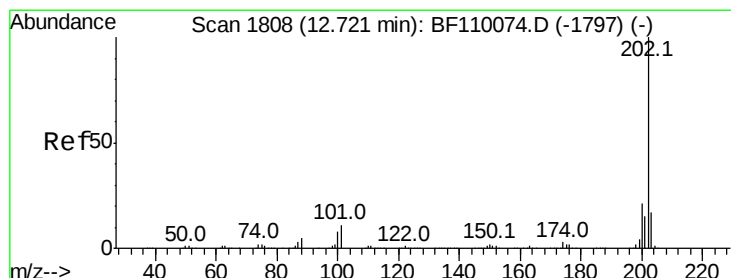
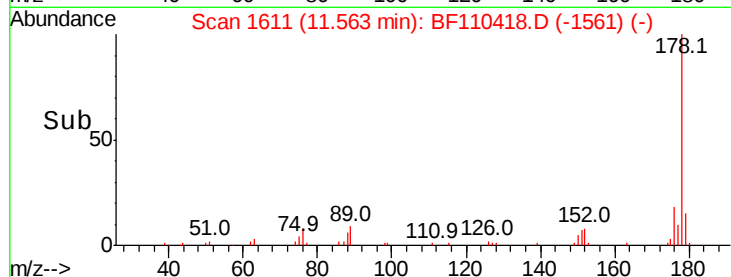
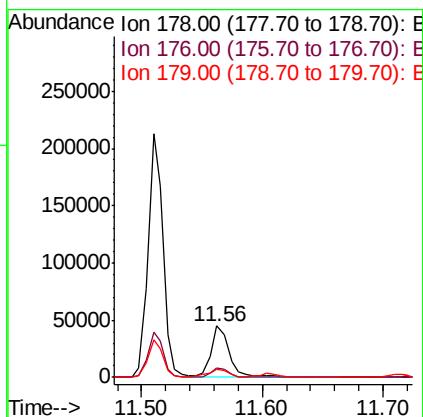
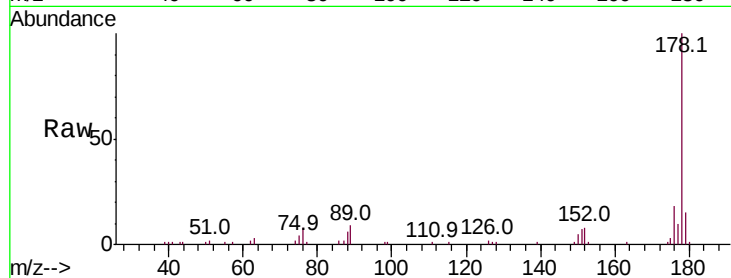
ClientSampleId :

GOFFLE-RD-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	14.9	12.6	18.8

Manual Integrations
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#75

Fluoranthene

Concen: 20.821 ng

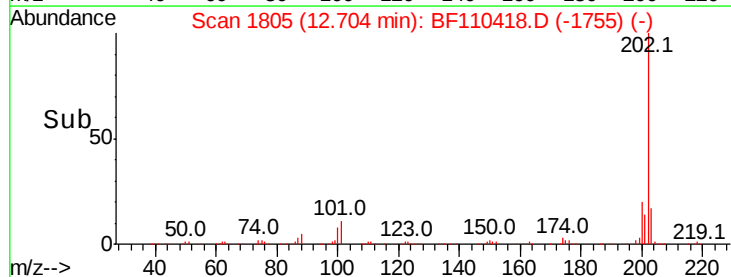
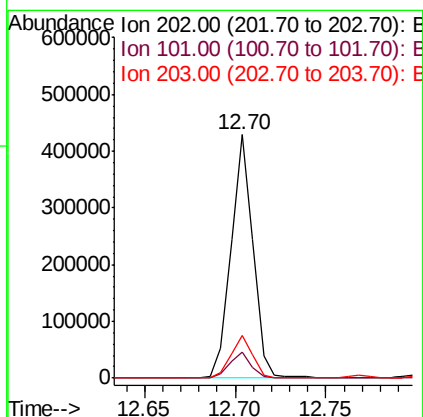
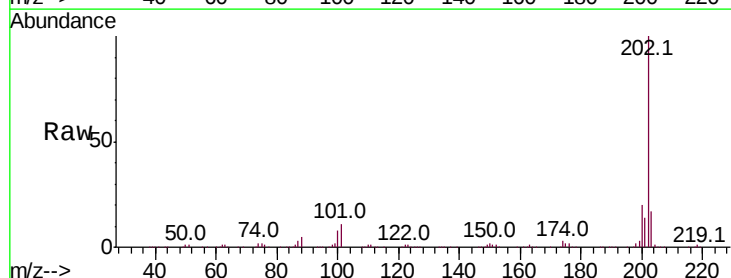
RT: 12.70 min Scan# 1805

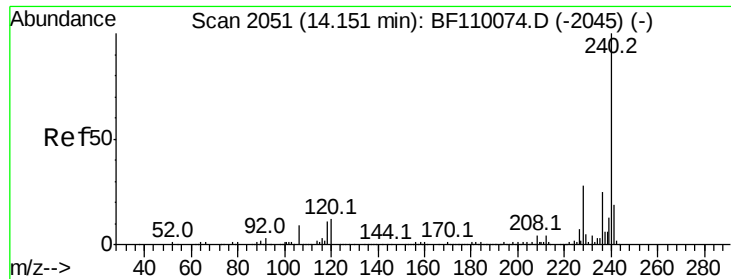
Delta R.T. -0.01 min

Lab File: BF110418.D

Acq: 2 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	17.3	0.0	37.7





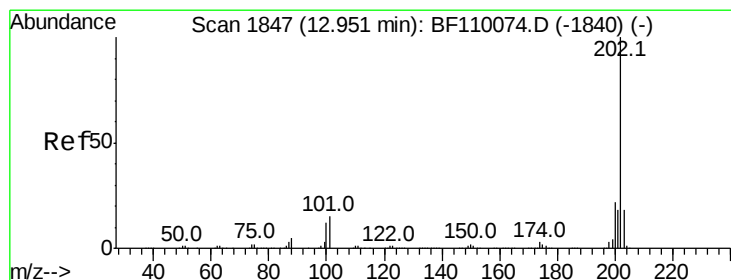
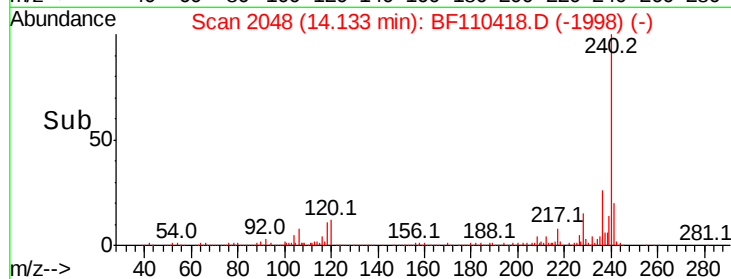
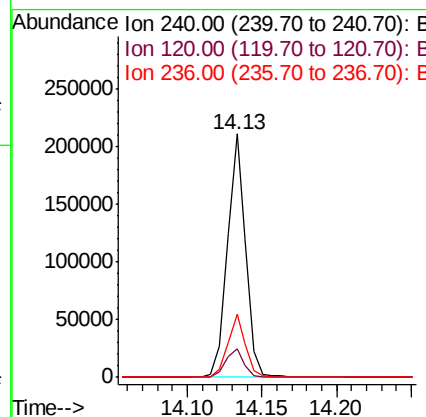
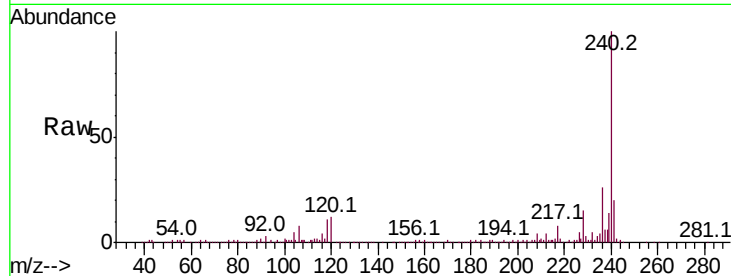
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Instrument :
BNA_F
ClientSampleId :
GOFFLE-RD-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.3	12.5
236	26.1	21.2	31.8

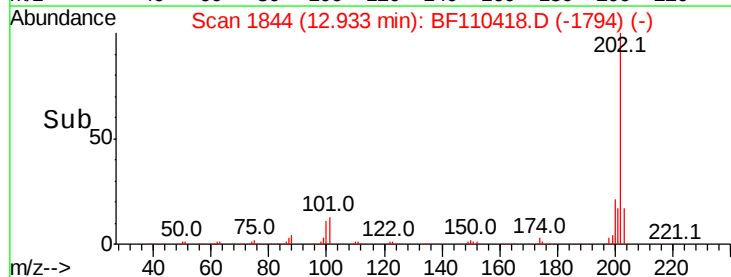
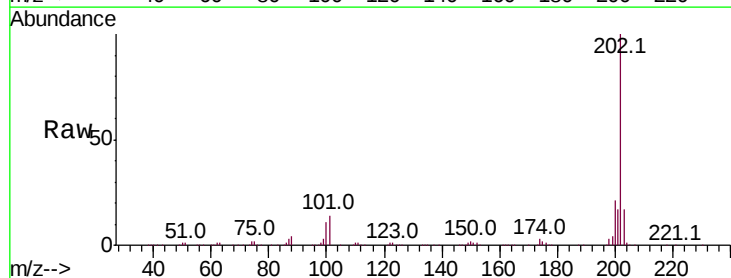
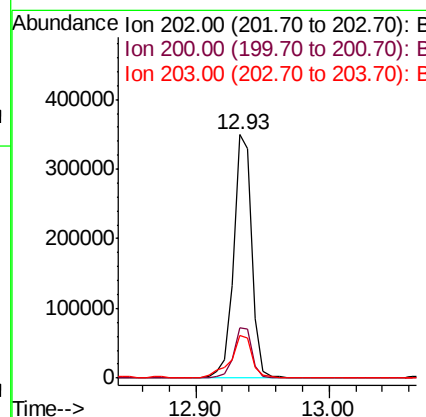
Manual Integrations
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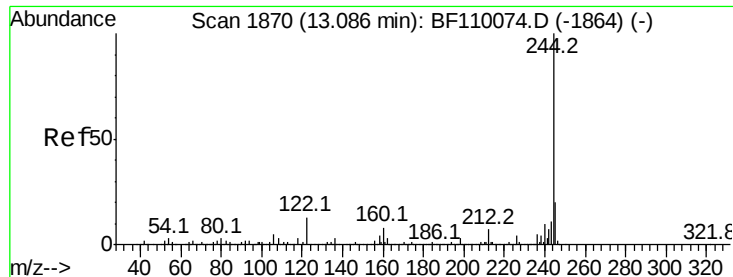
Sohil
11/5/2018 10:32:43 AM



#78
Pyrene
Concen: 25.872 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.6
203	17.3	14.2	21.4





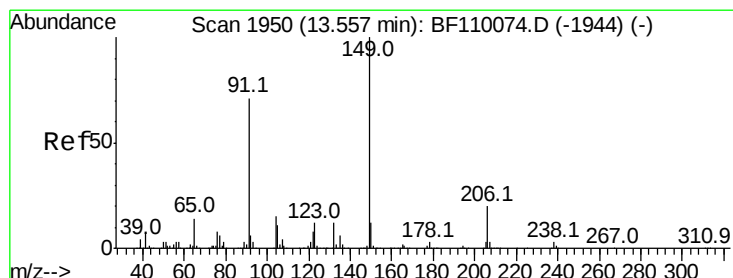
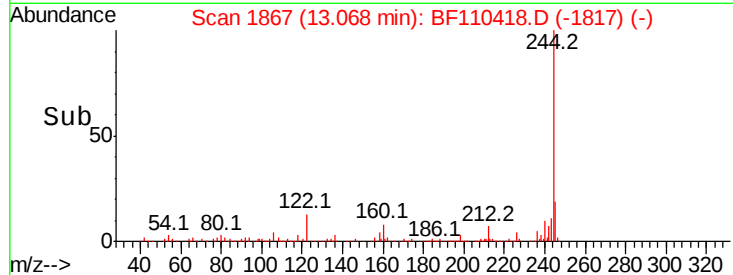
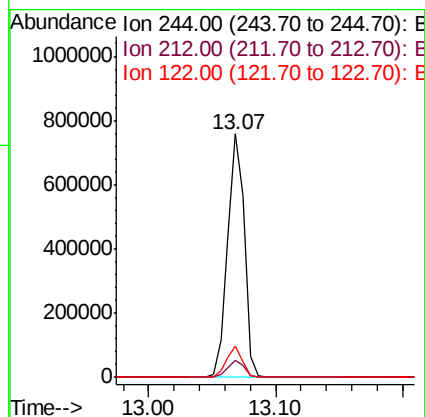
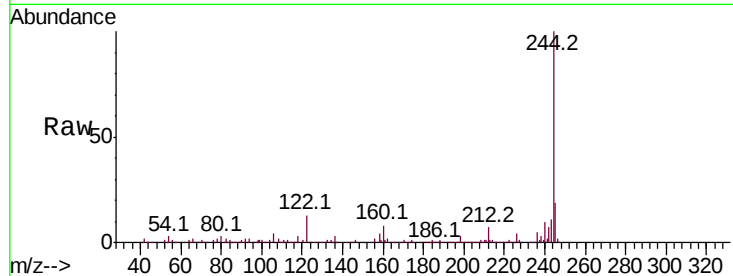
#79
Terphenyl-d14
Concen: 79.137 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Instrument :
BNA_F
ClientSampleId :
GOFFLE-RD-1

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.7	8.7	13.1

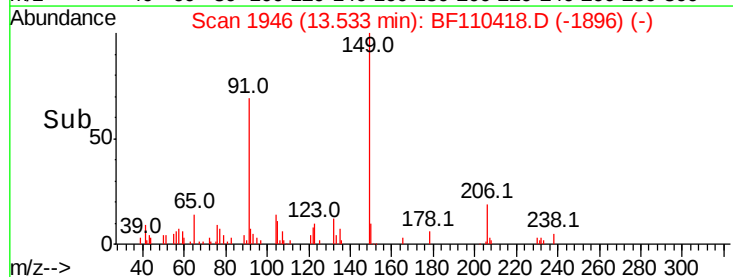
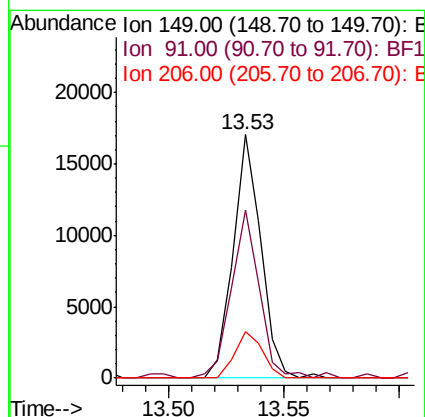
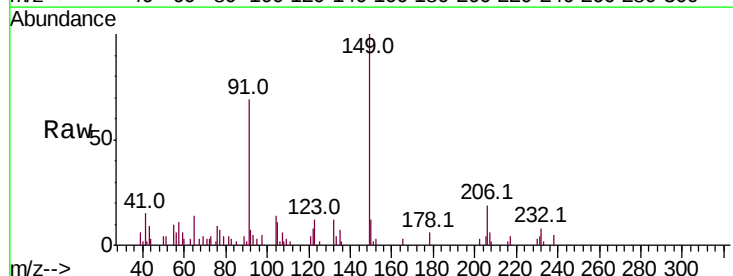
Manual Integrations
APPROVED

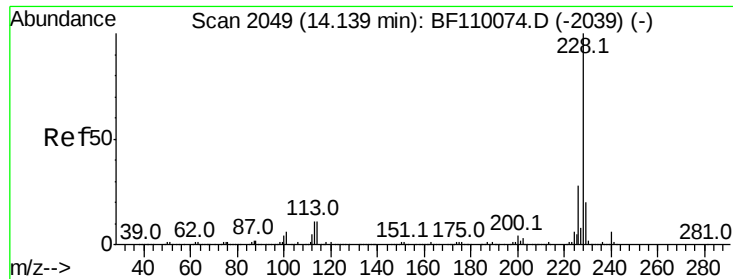
Sohil
11/5/2018 10:32:43 AM



#80
Butylbenzylphthalate
Concen: 2.532 ng
RT: 13.53 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	69.2	57.2	85.8
206	19.0	15.7	23.5





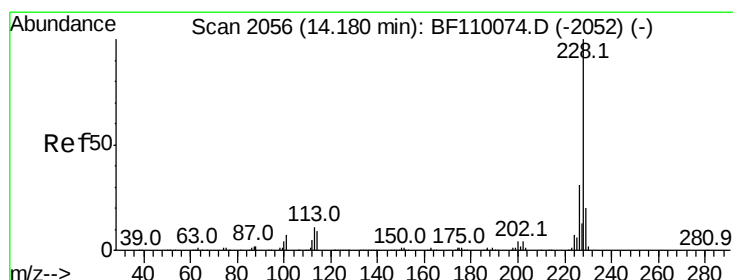
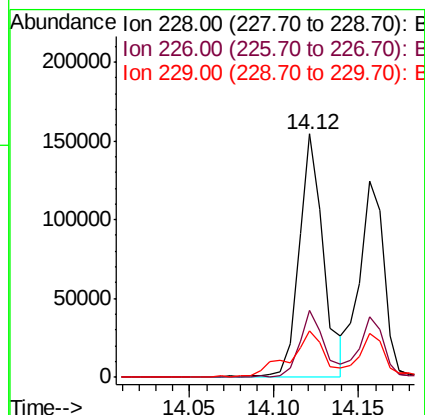
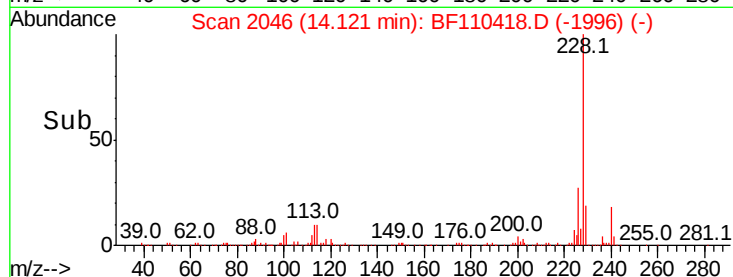
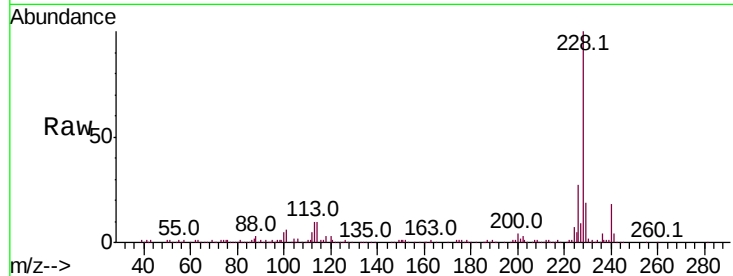
#81
Benzo(a)anthracene
Concen: 14.361 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Instrument :
BNA_F
ClientSampleId :
GOFFLE-RD-1

Tot Ion	Ratio	Resp	Lower	Upper
228	100	155153		
226	27.4	22.1	33.1	
229	18.9	15.6	23.4	

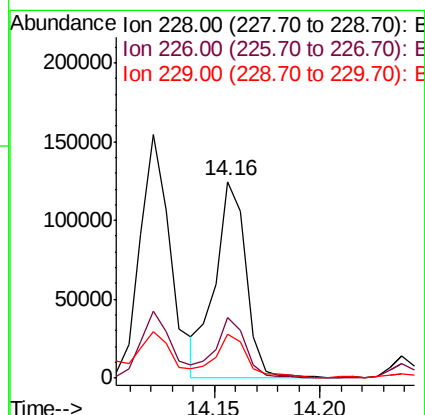
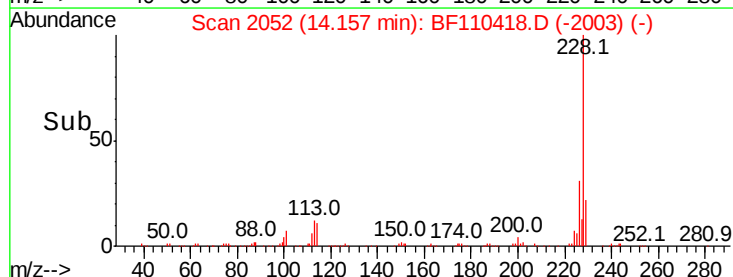
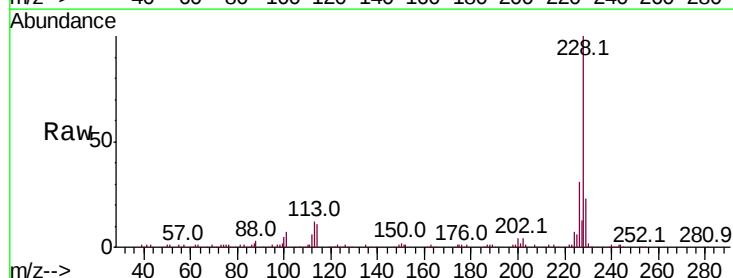
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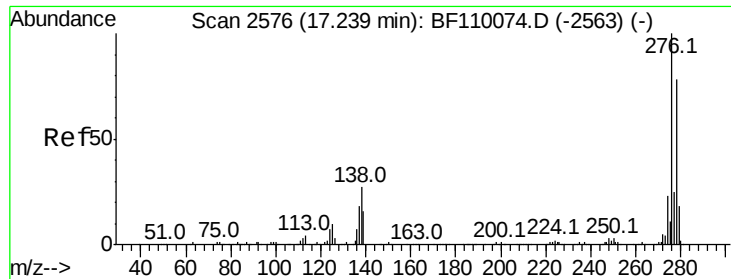
Sohil
11/5/2018 10:32:43 AM



#83
Chrysene
Concen: 12.371 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	126936		
226	30.8	24.7	37.1	
229	22.6	15.9	23.9	





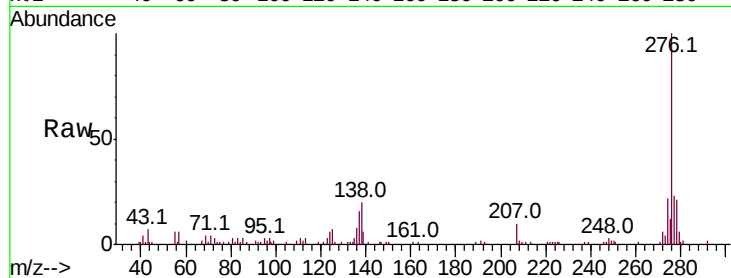
#86
Indeno(1,2,3-cd)pyrene
Concen: 9.078 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Instrument :
BNA_F
ClientSampleId :
GOFFLE-RD-1

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	18.5	27.7
277	24.9	20.0	30.0

Manual Integrations
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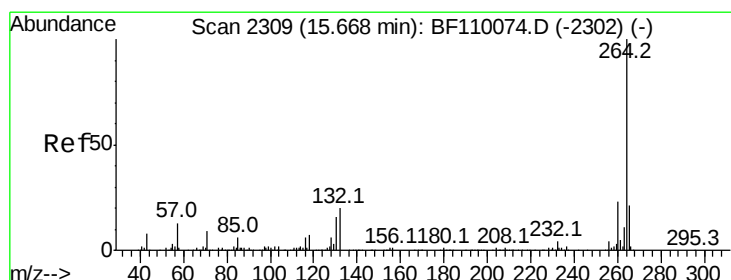
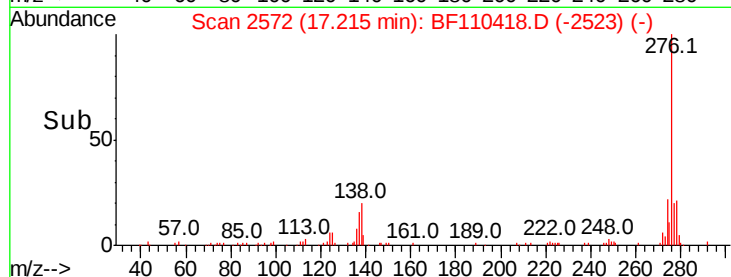
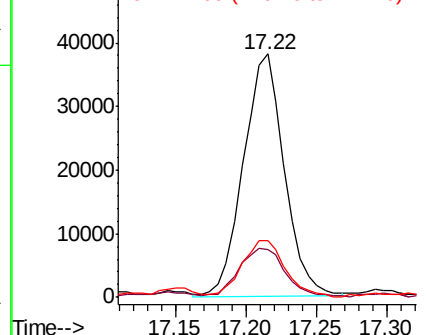


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

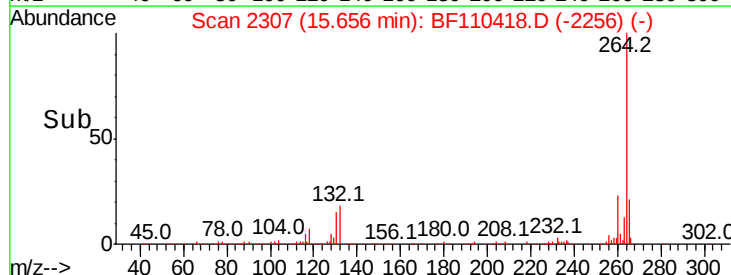
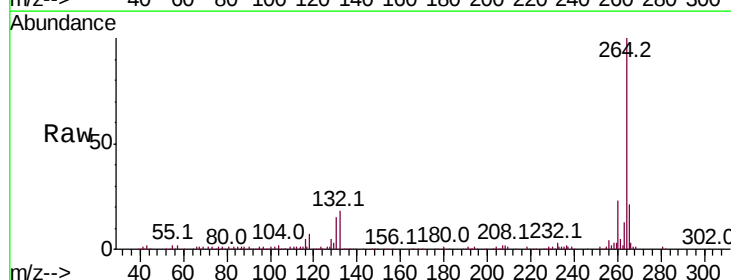
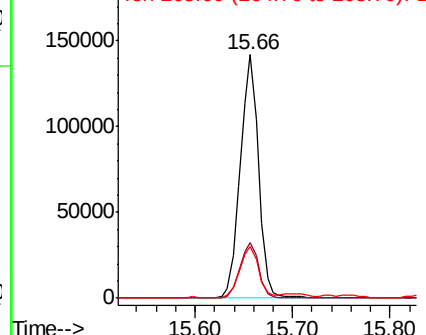
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.4	16.7	25.1

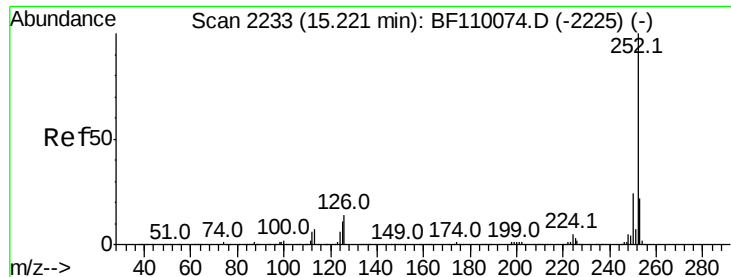
Abundance

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





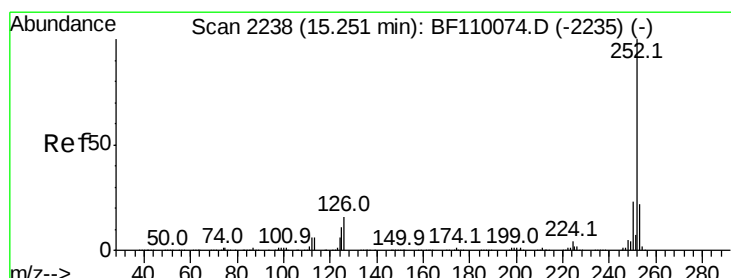
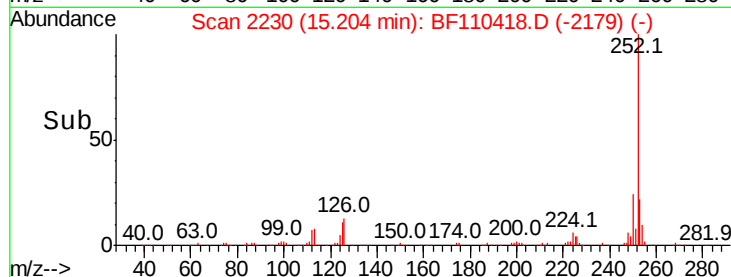
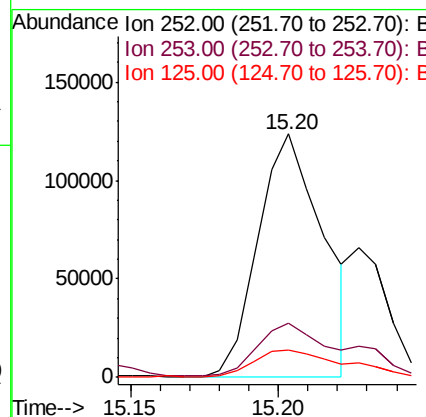
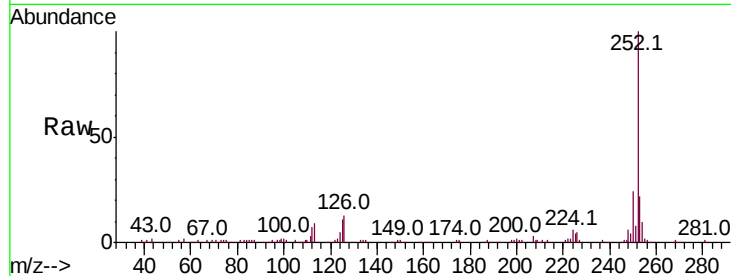
#88
Benzo(b)fluoranthene
Concen: 17.736 ng m
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Instrument :
BNA_F
ClientSampleId :
GOFFLE-RD-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	11.1	8.2	12.4

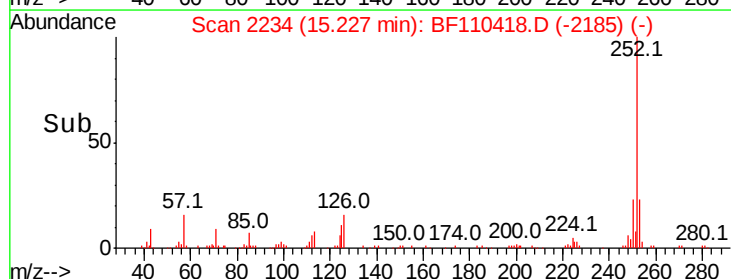
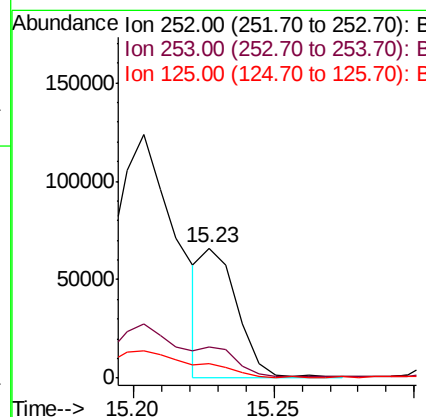
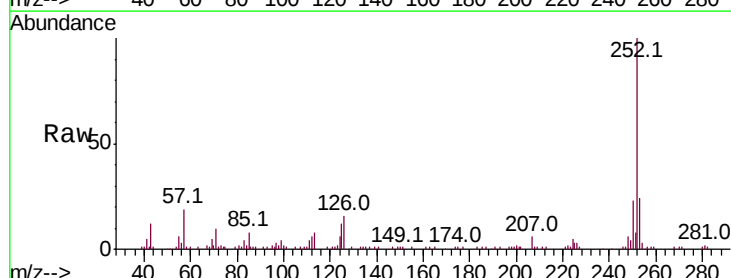
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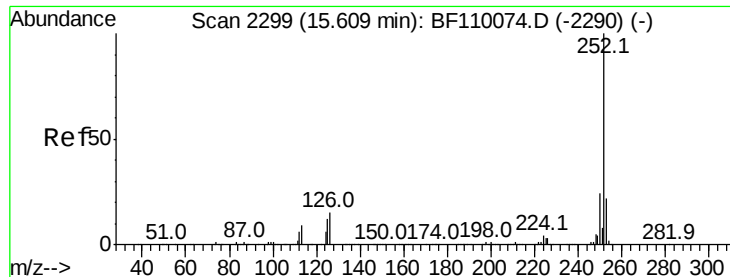
Sohil
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#89
Benzo(k)fluoranthene
Concen: 5.506 ng m
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.2	25.8
125	11.6	7.4	11.0#





#90

Benzo(a)pyrene

Concen: 13.537 ng

RT: 15.59 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BF110418.D

Acq: 2 Nov 2018 18:11

Instrument :

BNA_F

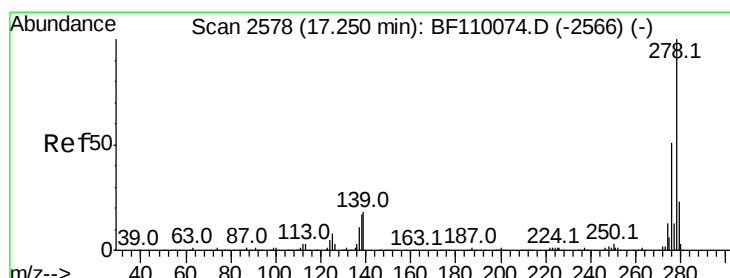
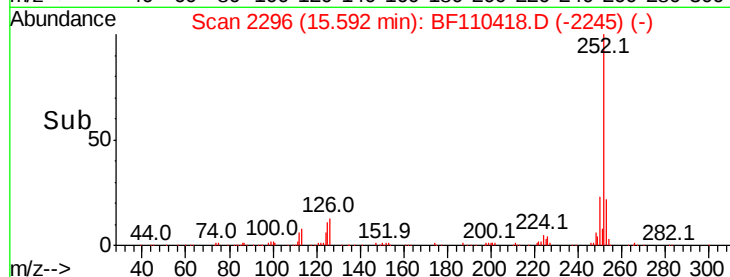
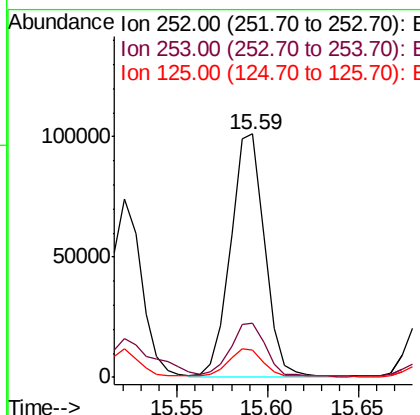
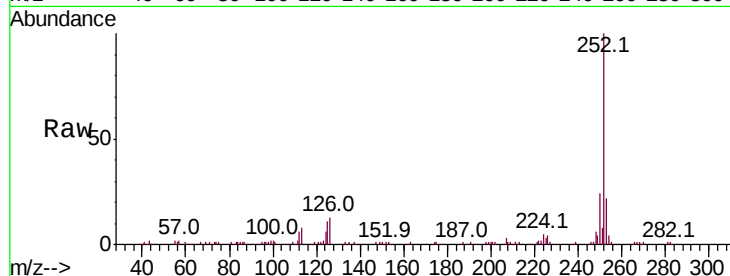
ClientSampleId :

GOFFLE-RD-1

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.3	18.2	27.4	
125	11.1	9.0	13.6	

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#91

Dibenzo(a,h)anthracene

Concen: 2.301 ng m

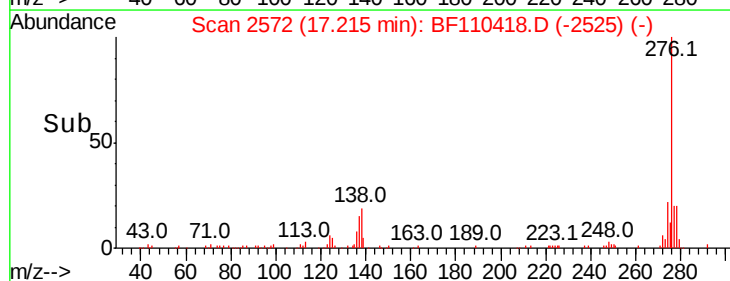
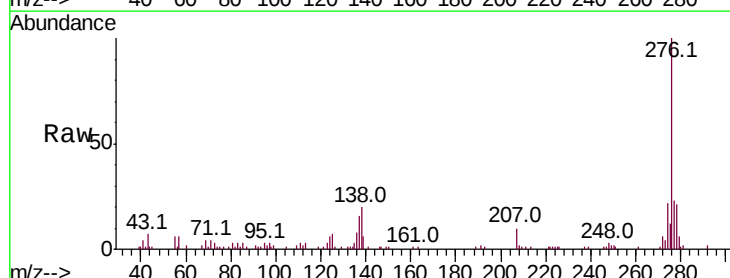
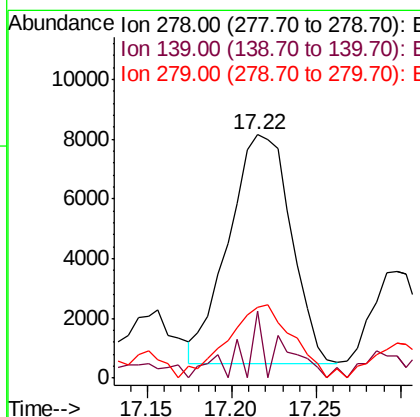
RT: 17.22 min Scan# 2572

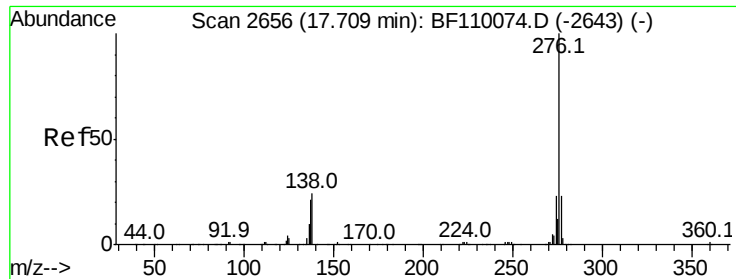
Delta R.T. -0.02 min

Lab File: BF110418.D

Acq: 2 Nov 2018 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	27.7	12.7	19.1#	
279	29.2	19.0	28.4#	





#92
 Benzo(a,h,i)perylene
 Concen: 7.939 ng
 RT: 17.69 min Scan# 2653
 Delta R.T. -0.01 min
 Lab File: BF110418.D
 Acq: 2 Nov 2018 18:11

Instrument :
 BNA_F
 ClientSampleId :
 GOFFLE-RD-1

Tot Ion:	276	Resp:	66384
Ion Ratio	Lower	Upper	
276	100		
277	24.4	18.8	28.2
138	21.9	16.0	24.0

Manual Integrations
 APPROVED

Sohil
 11/5/2018 10:32:43 AM

