

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
 Data File : BF110903.D
 Acq On : 20 Nov 2018 19:18
 Operator : JU/SJ
 Sample : J5775-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-111918

Manual Integrations
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Quant Time: Nov 21 04:57:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	58680	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	235755	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	93579	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	159888	20.00	ng	0.00
76) Chrysene-d12	14.13	240	124470	20.00	ng	0.00
87) Perylene-d12	15.67	264	84474	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	61289	16.97	ng	0.00
7) Phenol-d6	6.57	99	78844	17.07	ng	0.00
23) Nitrobenzene-d5	7.51	82	49988	12.21	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	14184	15.04	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	95671	14.60	ng	0.00
79) Terphenyl-d14	13.06	244	86271	12.98	ng	0.00
Target Compounds						
75) Fluoranthene	12.70	202	28900	3.365	ng	Qvalue 97
78) Pyrene	12.94	202	29446	3.072	ng	98
83) Chrysene	14.16	228	16458	2.322	ng	# 84
88) Benzo(b)fluoranthene	15.22	252	16457m	3.257	ng	
92) Benzo(g,h,i)perylene	17.75	276	8188	2.124	ng	# 76

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

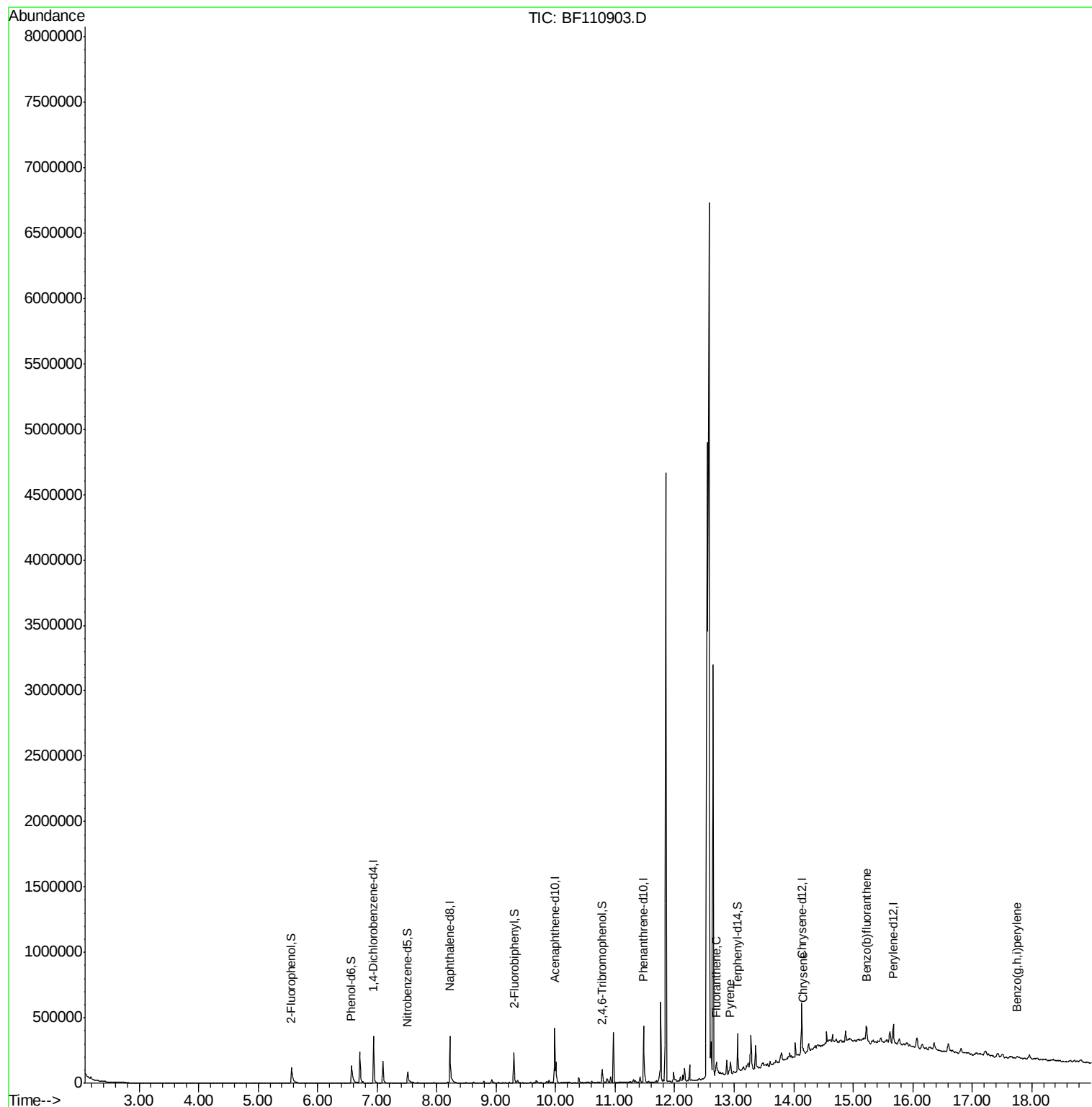
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110903.D
Acq On : 20 Nov 2018 19:18
Operator : JU/SJ
Sample : J5775-01 5X
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ALS Vial : 19 Sample Multiplier: 1

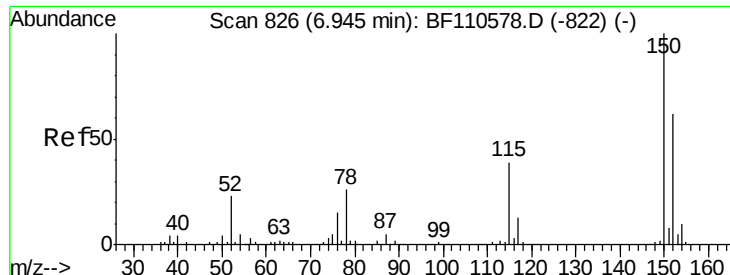
Instrument :
BNA_F
ClientSampleId :
TR-05-111918

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#1

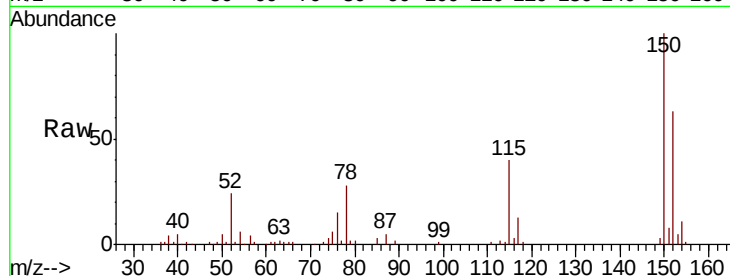
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110903.D
Acq: 20 Nov 2018 19:18

Instrument :
BNA_F
ClientSampleId :
TR-05-111918

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	122.7	184.1
115	64.5	49.1	73.7

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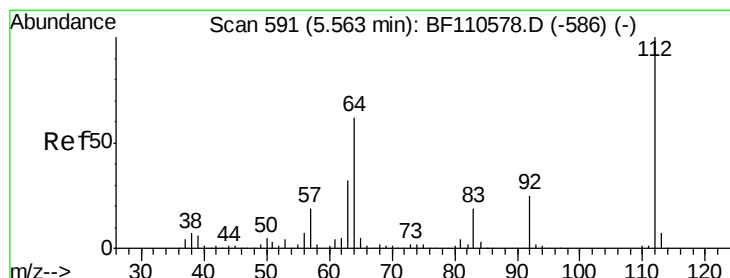
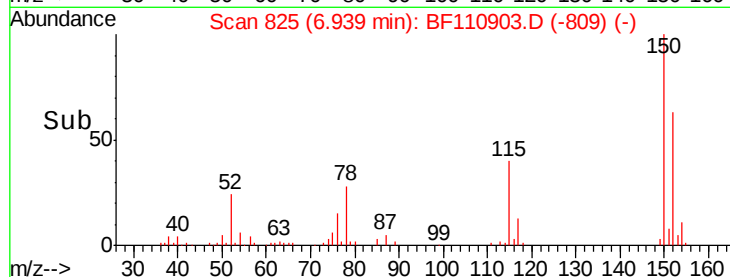
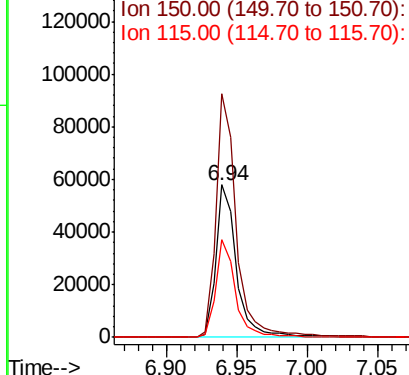


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

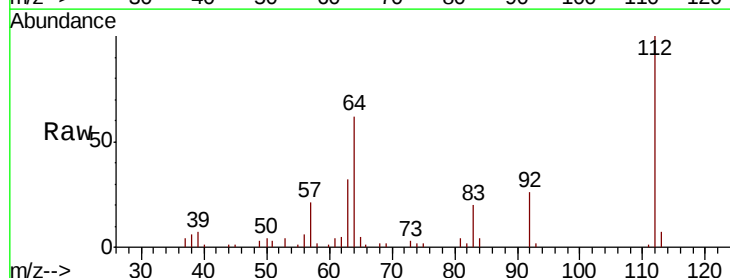
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 16.965 ng
RT: 5.56 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF110903.D
Acq: 20 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	44.1	66.1
63	31.9	23.7	35.5

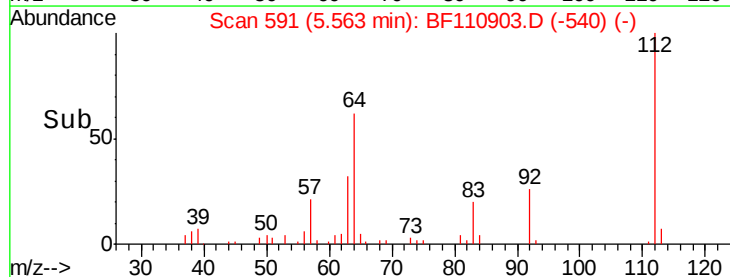
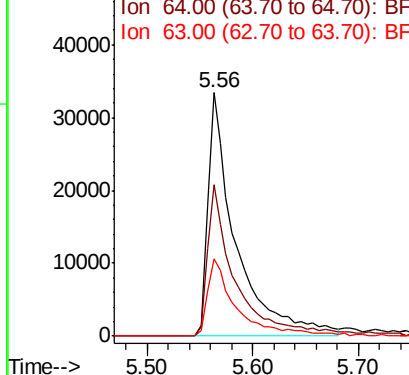


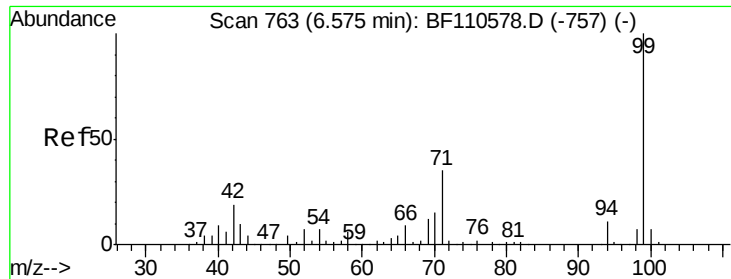
Abundance

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: 17.067 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110903.D

Acq: 20 Nov 2018 19:18

Instrument :

BNA_F

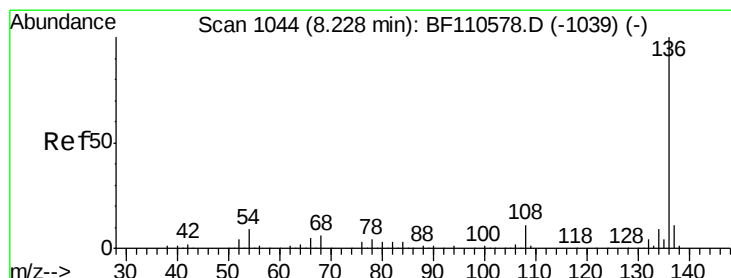
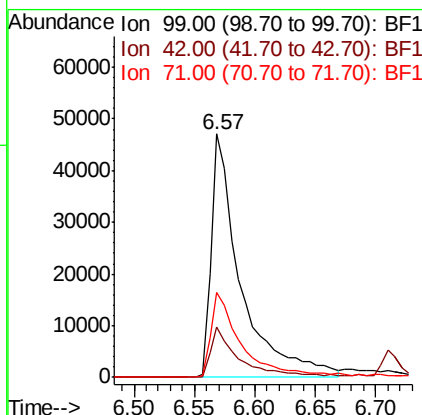
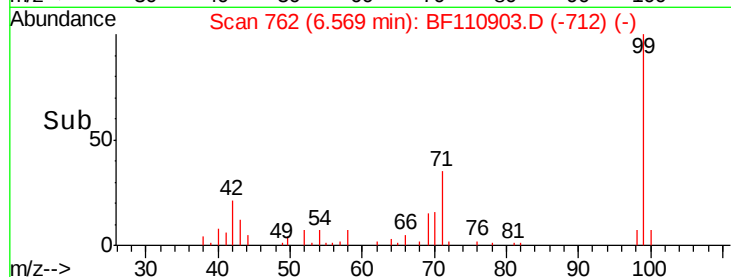
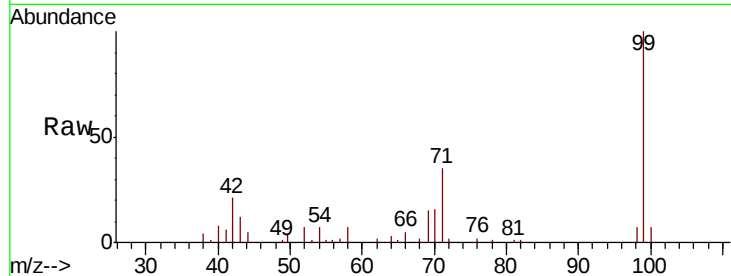
ClientSampleId :

TR-05-111918

Tot Ion:	99	Resp:	78844
Ion	Ratio	Lower	Upper
99	100		
42	20.8	15.8	23.6
71	34.9	28.0	42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

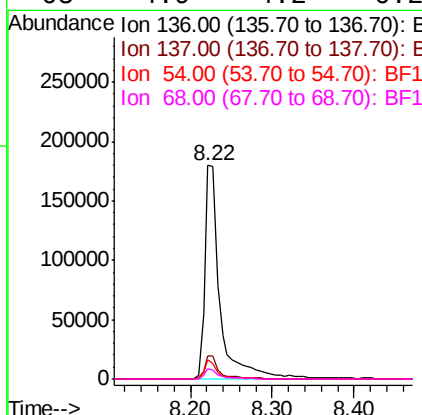
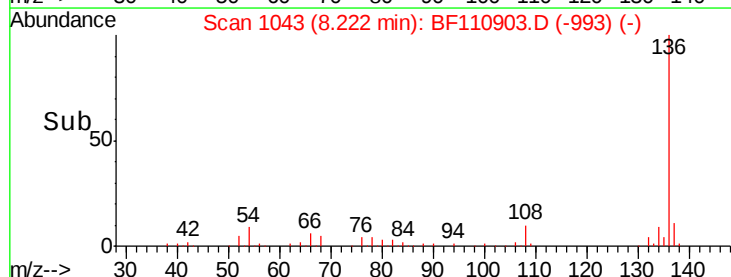
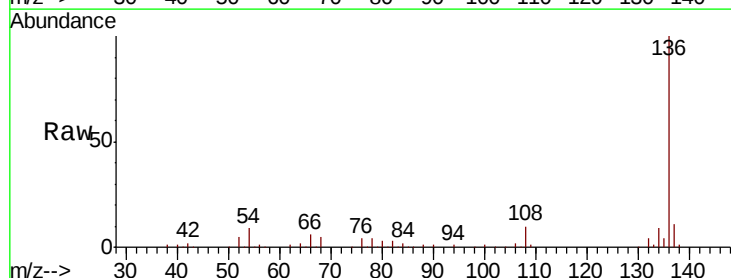
RT: 8.22 min Scan# 1043

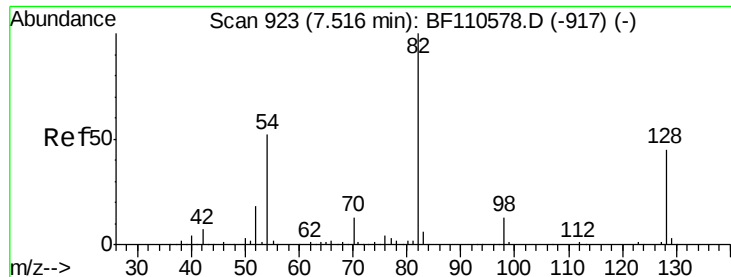
Delta R.T. -0.01 min

Lab File: BF110903.D

Acq: 20 Nov 2018 19:18

Tgt Ion:	136	Resp:	235755
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.8	5.4	8.2#
68	4.9	4.2	6.2





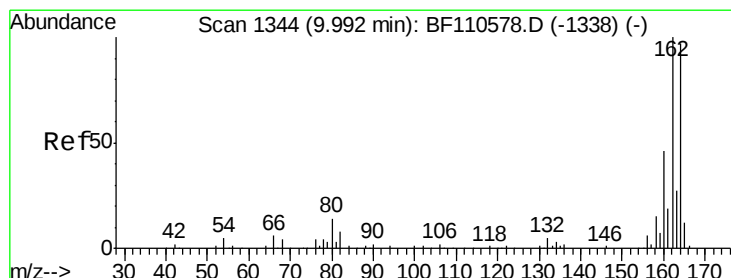
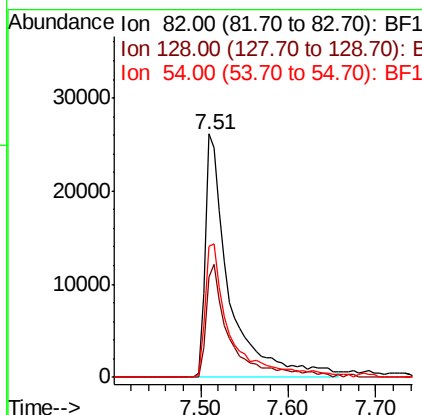
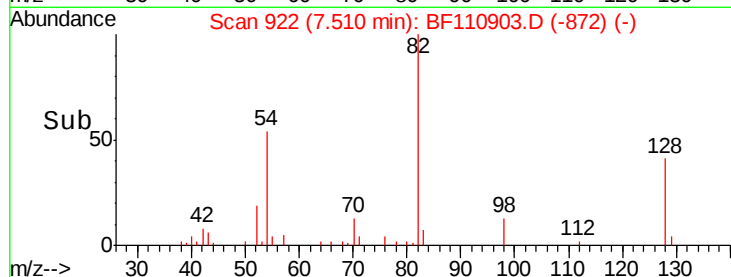
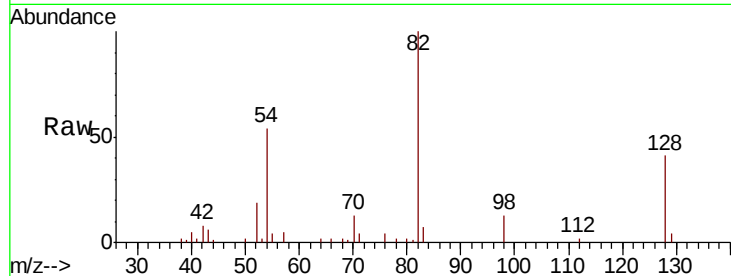
#23
 Nitrobenzene-d5
 Concen: 12.211 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110903.D
 Acq: 20 Nov 2018 19:18

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-111918

Tot Ion	82	Resp	49988
Ion Ratio	100	Lower	Upper
128	41.4	34.2	51.2
54	54.0	38.6	58.0

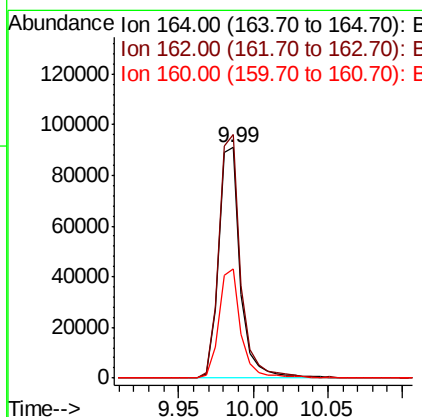
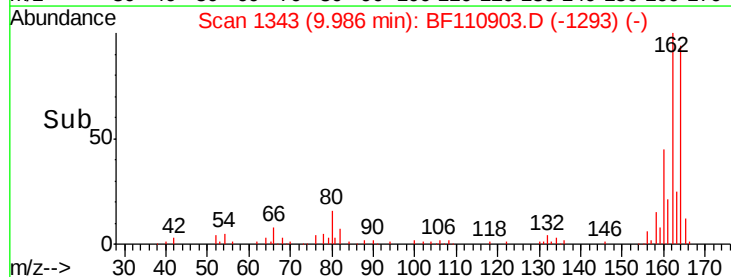
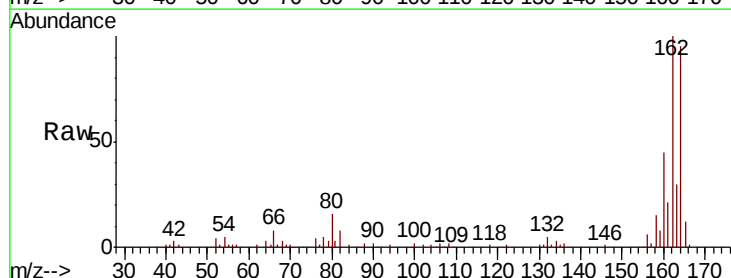
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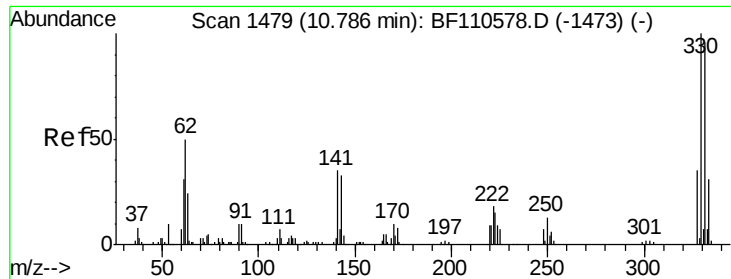
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF110903.D
 Acq: 20 Nov 2018 19:18

Tgt Ion	164	Resp	93579
Ion Ratio	100	Lower	Upper
162	105.7	83.0	124.6
160	47.6	37.0	55.6





#42

2,4,6-Tribromophenol

Concen: 15.043 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BF110903.D

Acq: 20 Nov 2018 19:18

Instrument :

BNA_F

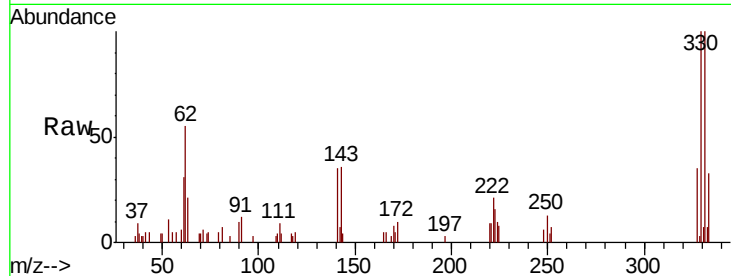
ClientSampleId :

TR-05-111918

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.7	77.1	115.7
141	43.3	27.0	40.4

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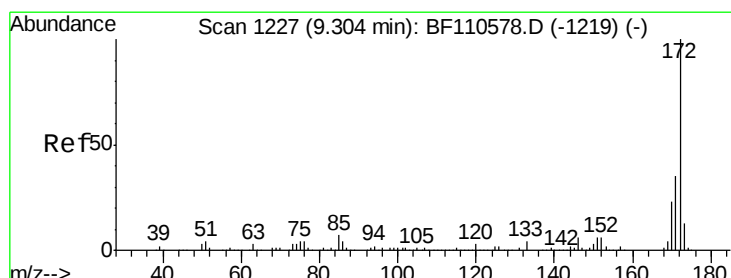
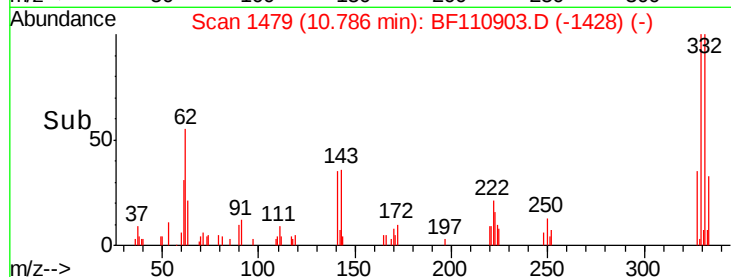
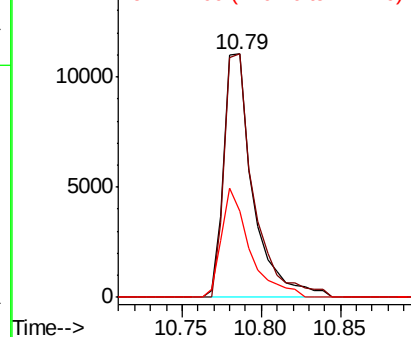


Abundance

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: 14.601 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110903.D

Acq: 20 Nov 2018 19:18

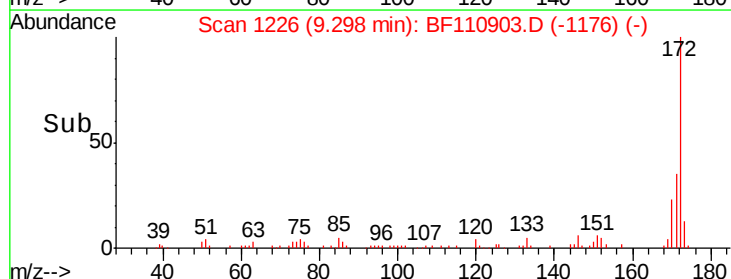
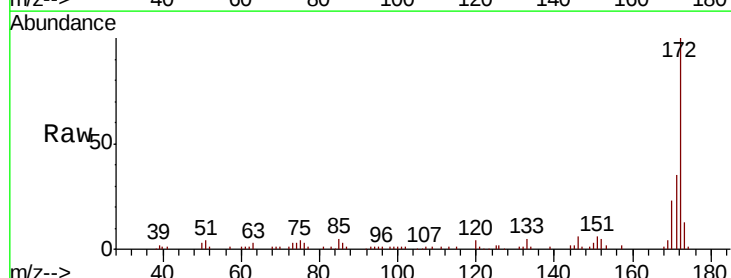
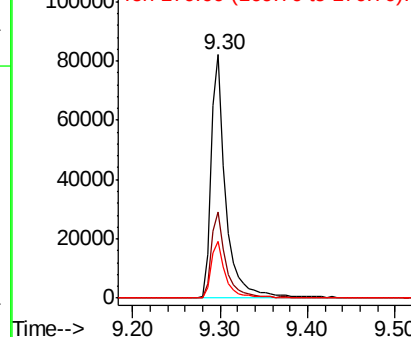
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.1	19.7	29.5

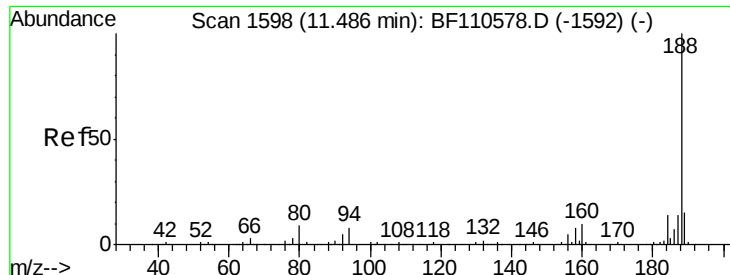
Abundance

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





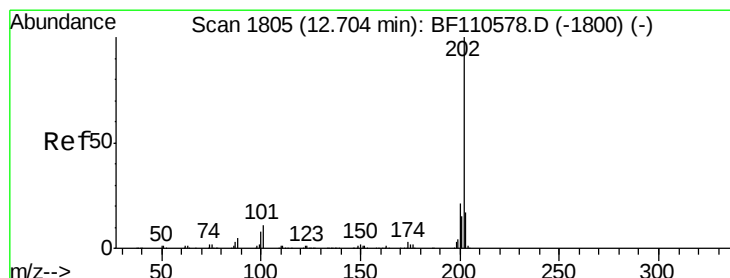
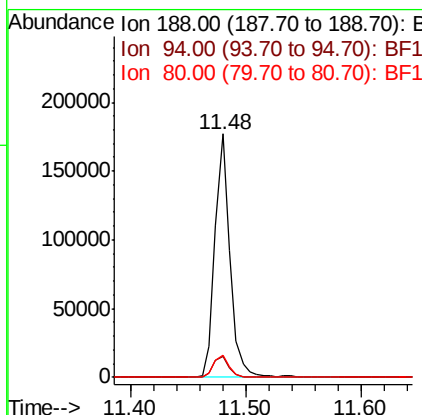
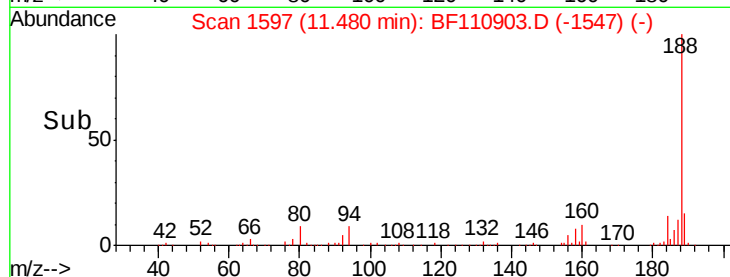
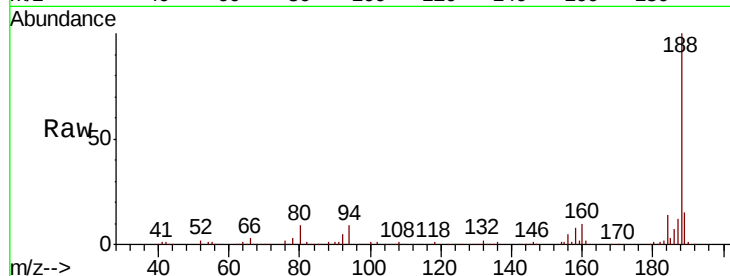
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110903.D
Acq: 20 Nov 2018 19:18

Instrument :
BNA_F
ClientSampleId :
TR-05-111918

Tot Ion	Ratio	Resp	Lower	Upper
188	100	159888		
94	8.5	7.2	10.8	
80	9.0	7.9	11.9	

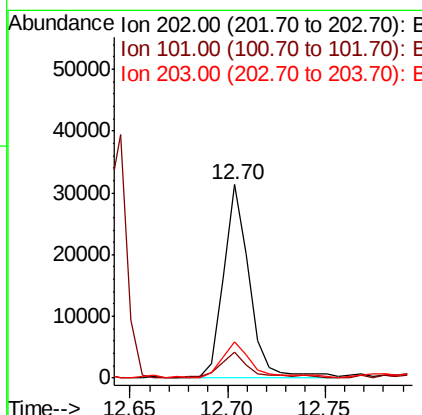
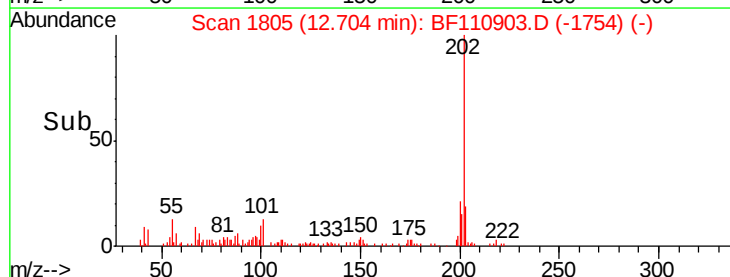
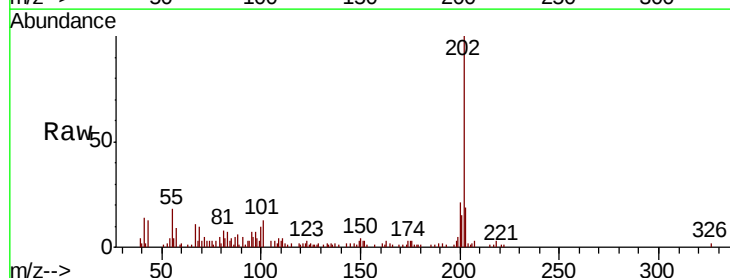
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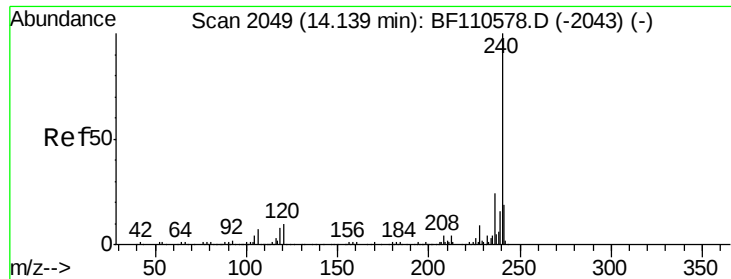
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#75
Fluoranthene
Concen: 3.365 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BF110903.D
Acq: 20 Nov 2018 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	28900		
101	13.3	0.0	31.4	
203	18.6	0.0	37.7	





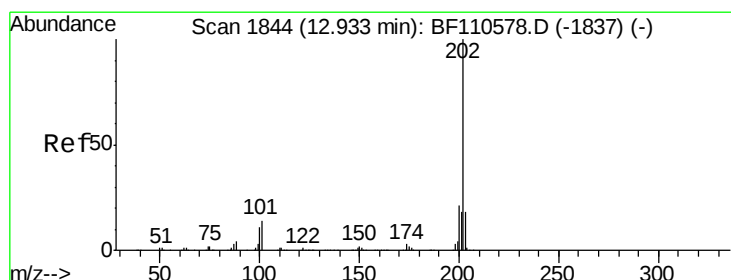
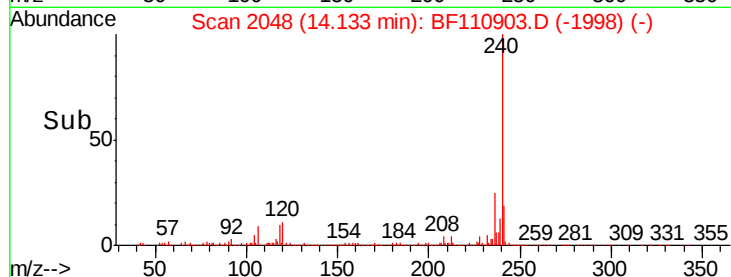
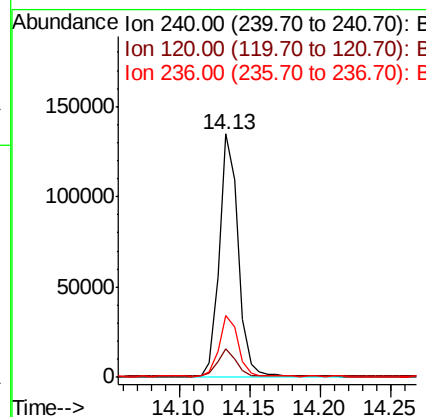
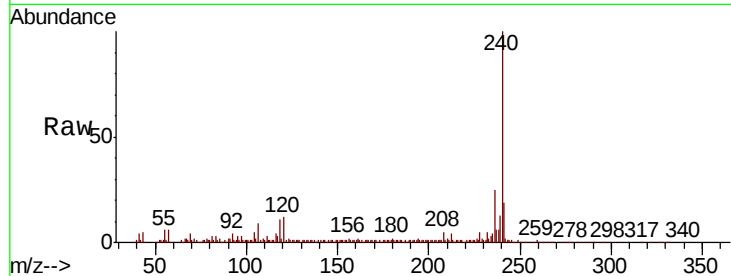
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110903.D
Acq: 20 Nov 2018 19:18

Instrument :
BNA_F
ClientSampleId :
TR-05-111918

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.3	12.5
236	25.2	21.2	31.8

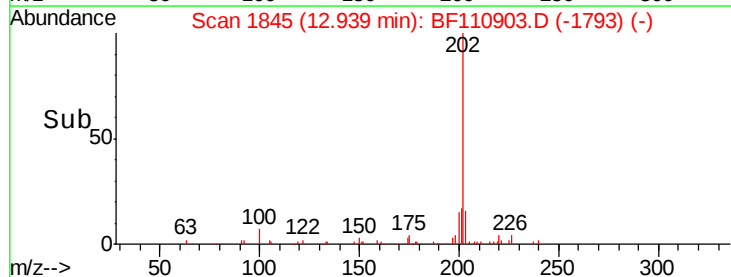
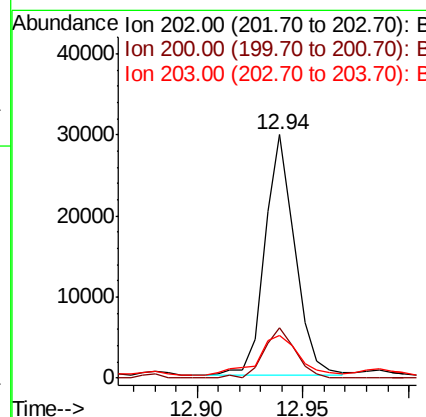
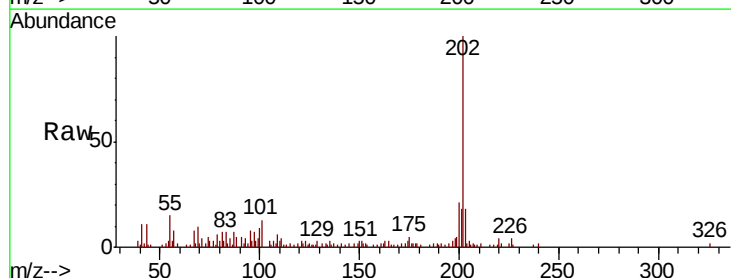
Manual Integrations
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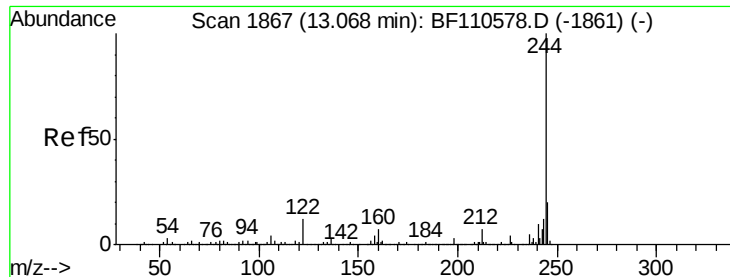
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#78
Pyrene
Concen: 3.072 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BF110903.D
Acq: 20 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.6
203	17.6	14.2	21.4





#79

Terphenyl-d14

Concen: 12.980 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110903.D

Acq: 20 Nov 2018 19:18

Instrument :

BNA_F

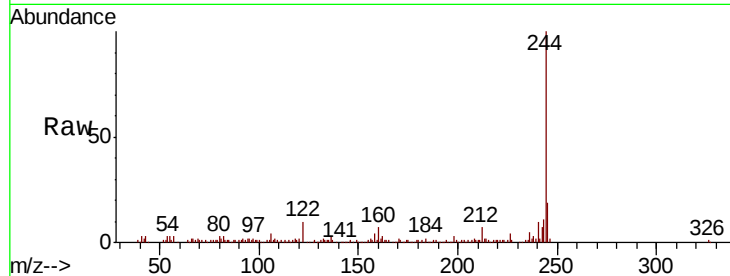
ClientSampleId :

TR-05-111918

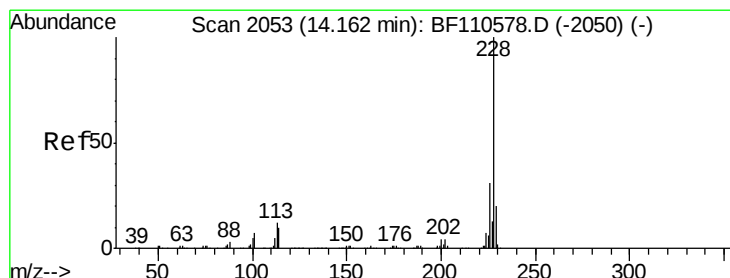
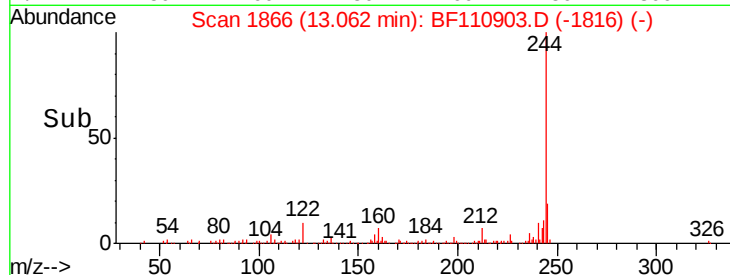
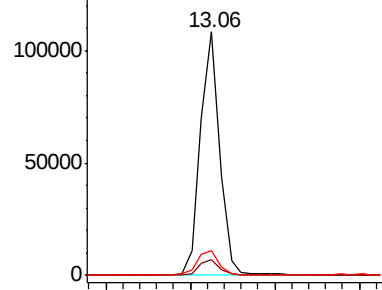
Tot Ion:	244	Resp:	86271
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.8	8.8
122	10.2	8.7	13.1

Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#83

Chrysene

Concen: 2.322 ng

RT: 14.16 min Scan# 2053

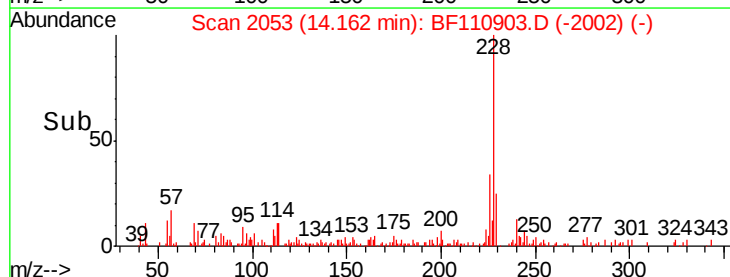
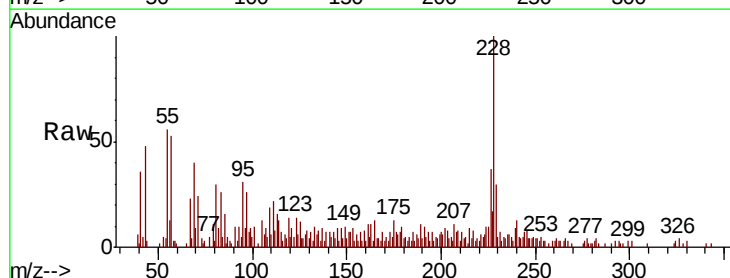
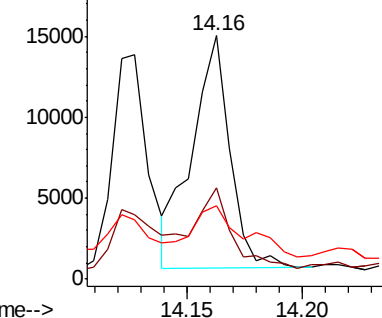
Delta R.T. -0.00 min

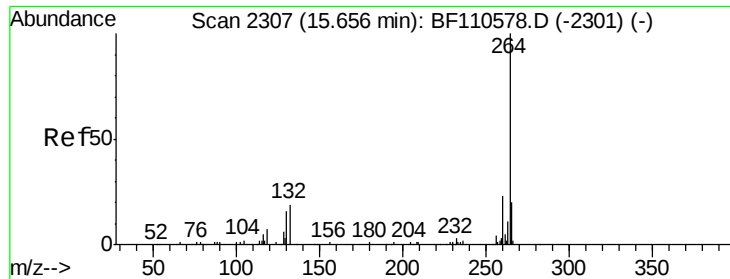
Lab File: BF110903.D

Acq: 20 Nov 2018 19:18

Tgt Ion:	228	Resp:	16458
Ion Ratio	Lower	Upper	
228	100		
226	37.5	24.7	37.1#
229	30.2	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





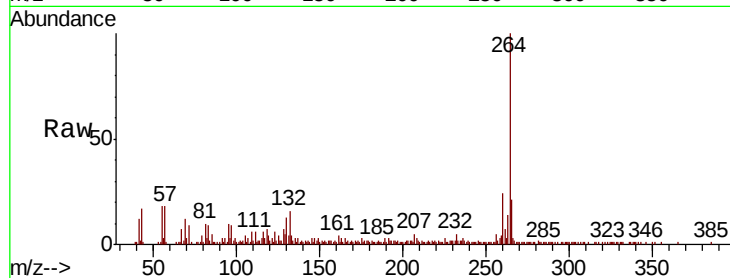
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.02 min
Lab File: BF110903.D
Acq: 20 Nov 2018 19:18

Instrument :
BNA_F
ClientSampleId :
TR-05-111918

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	21.1	16.7	25.1

Manual Integrations
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Sohil
11/21/2018 3:18:06 PM

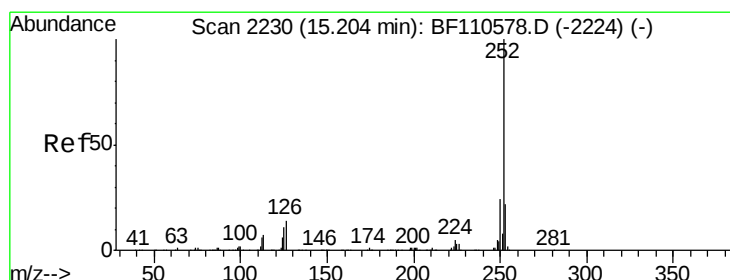
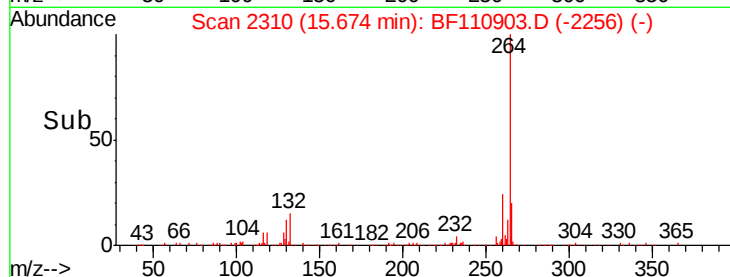
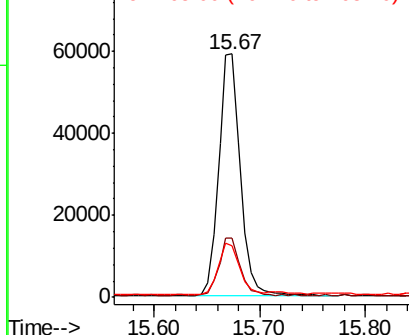


Abundance

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: 3.257 ng m
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110903.D
Acq: 20 Nov 2018 19:18

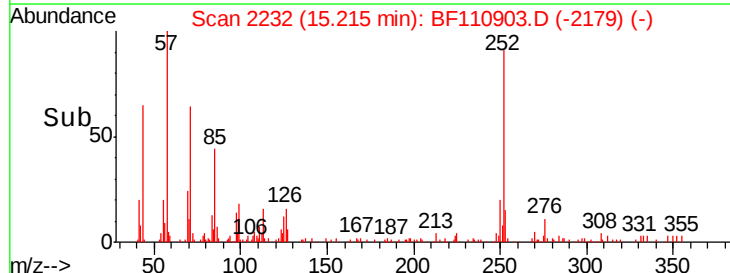
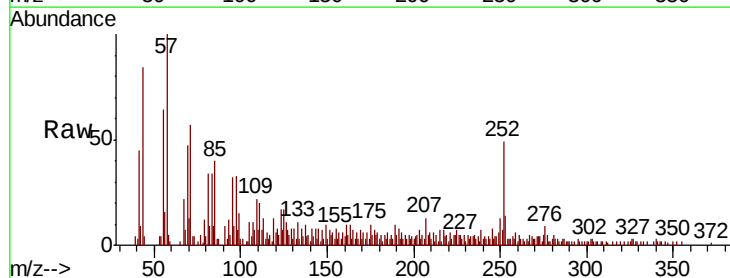
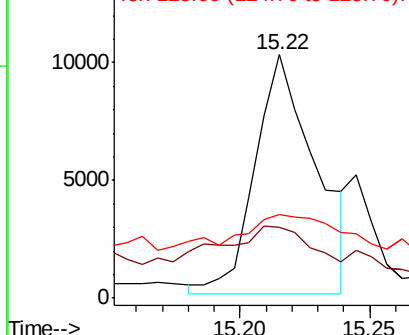
Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.2	17.2	25.8#
125	34.1	8.2	12.4#

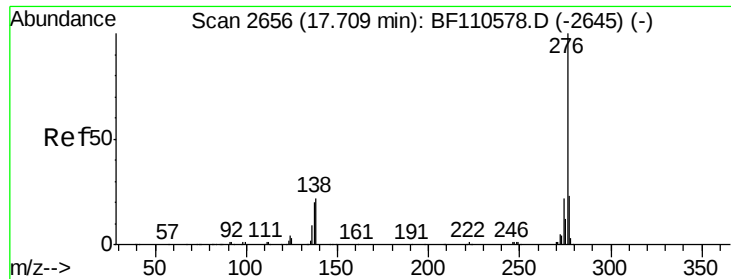
Abundance

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





#92
 Benzo(a,h,i)perylene
 Concen: 2.124 ng
 RT: 17.75 min Scan# 2663
 Delta R.T. 0.04 min
 Lab File: BF110903.D
 Acq: 20 Nov 2018 19:18

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-111918

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	34.0	18.8	28.2	#
138	32.2	16.0	24.0	#

Manual Integrations
 APPROVED

Sohil
 11/21/2018 3:18:06 PM

