

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110979.D
 Acq On : 26 Nov 2018 22:23
 Operator : JU/SJ
 Sample : J5774-05 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-112118-A

Manual Integrations
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mohammad
 11/27/2018 11:48:03 AM

Quant Time: Nov 27 04:20:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 26 15:26:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	56745	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	208763	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	81891	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	148792	20.00	ng	0.00
76) Chrysene-d12	14.13	240	95835	20.00	ng	0.00
87) Perylene-d12	15.67	264	75580	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	173094	50.58	ng	0.00
7) Phenol-d6	6.56	99	215137	48.25	ng	0.00
23) Nitrobenzene-d5	7.50	82	124845	34.23	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	38153	46.91	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	211490	37.42	ng	0.00
79) Terphenyl-d14	13.06	244	178173	36.19	ng	0.00
Target Compounds						
10) Phenol	6.58	94	11395	2.269	ng	Qvalue 92
50) Dimethylphthalate	9.69	163	28311	4.714	ng	98
52) Acenaphthene	10.01	154	14324	2.870	ng	95
58) Fluorene	10.53	166	23826	4.207	ng	99
71) Phenanthrene	11.50	178	147927	18.771	ng	99
72) Anthracene	11.56	178	47720	5.946	ng	97
75) Fluoranthene	12.70	202	165698	20.458	ng	99
78) Pyrene	12.93	202	170061	24.296	ng	97
81) Benzo(a)anthracene	14.12	228	54642	9.658	ng	97
83) Chrysene	14.16	228	51043	9.164	ng	98
86) Indeno(1,2,3-cd)pyrene	17.27	276	17328	4.334	ng	96
88) Benzo(b)fluoranthene	15.22	252	41740m	9.401	ng	
89) Benzo(k)fluoranthene	15.24	252	16272m	3.561	ng	
90) Benzo(a)pyrene	15.61	252	33323	8.063	ng	# 94
92) Benzo(a,h,i)perylene	17.76	276	18971	5.770	ng	# 85

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

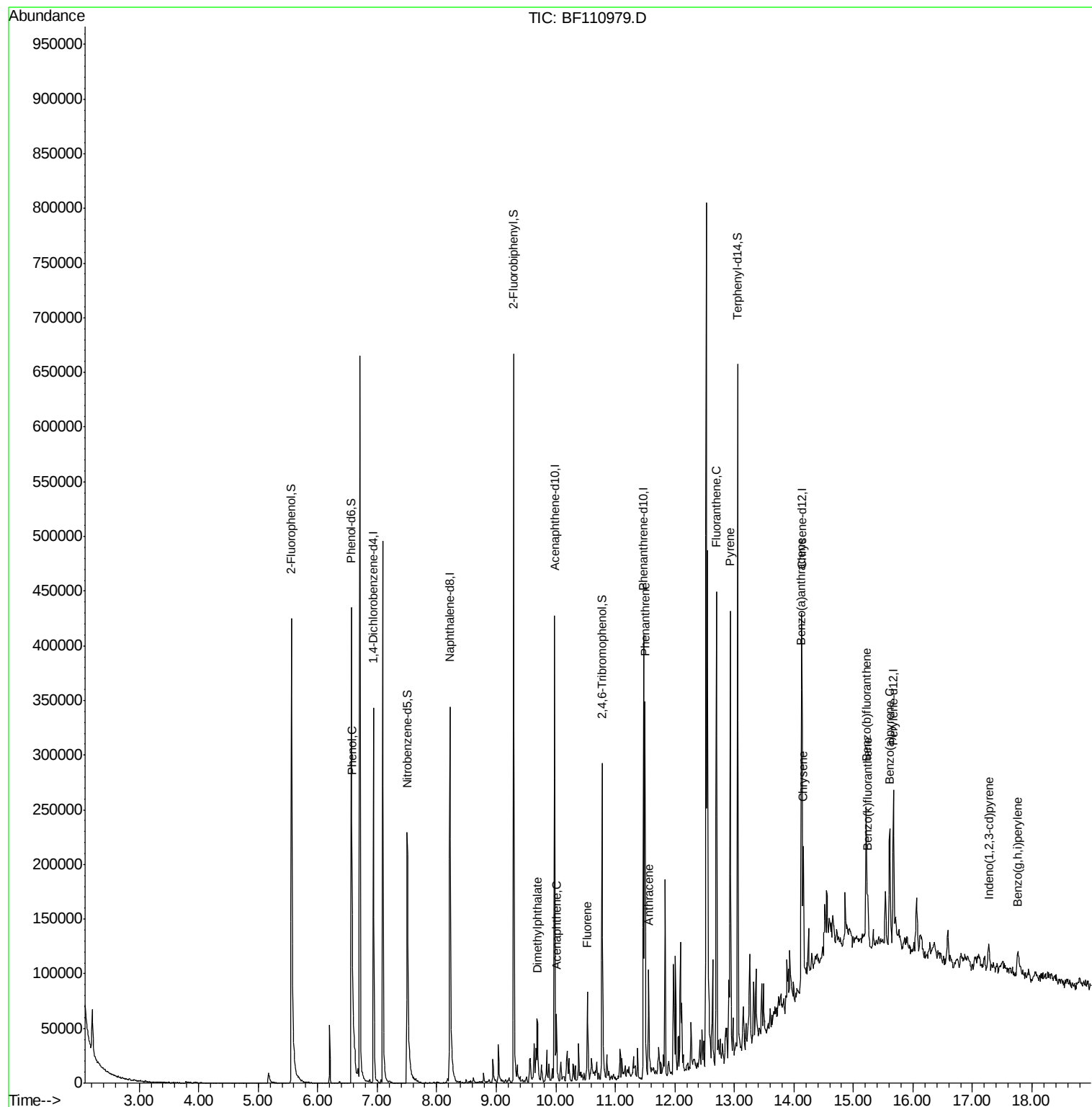
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110979.D
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ALS Vial : 20 Sample Multiplier: 1

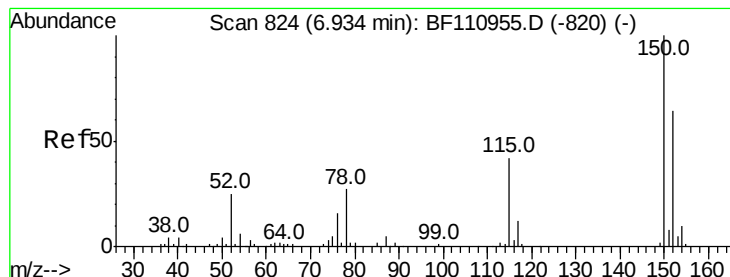
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
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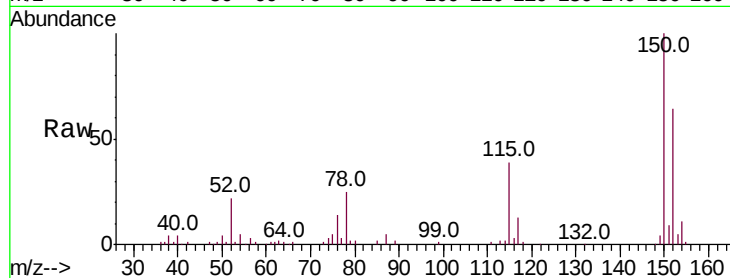
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BF110979.D
 Acq: 26 Nov 2018 22:23

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-112118-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	122.7	184.1
115	61.4	49.1	73.7

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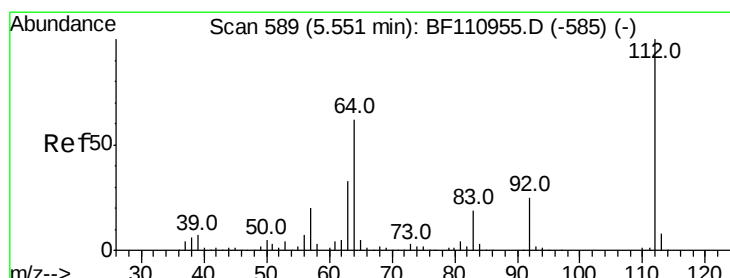
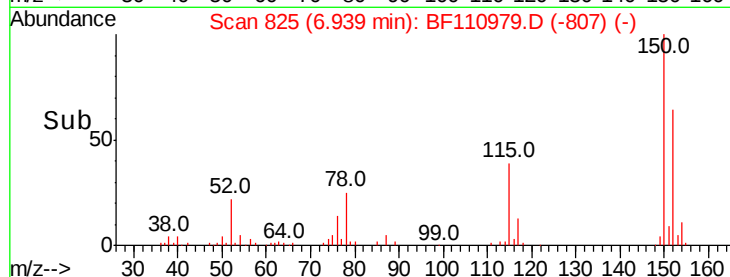
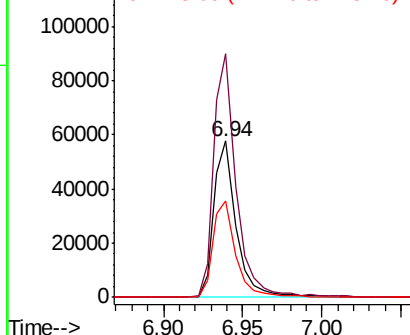


Abundance

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: 50.585 ng
 RT: 5.56 min Scan# 590
 Delta R.T. 0.01 min
 Lab File: BF110979.D
 Acq: 26 Nov 2018 22:23

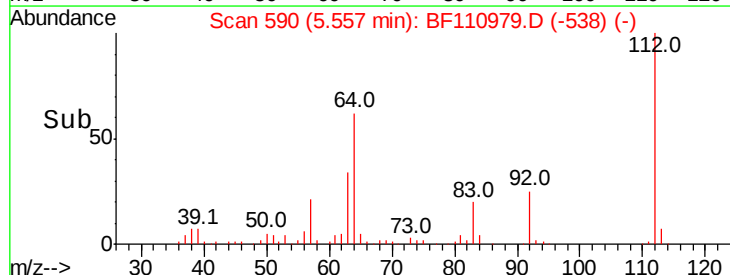
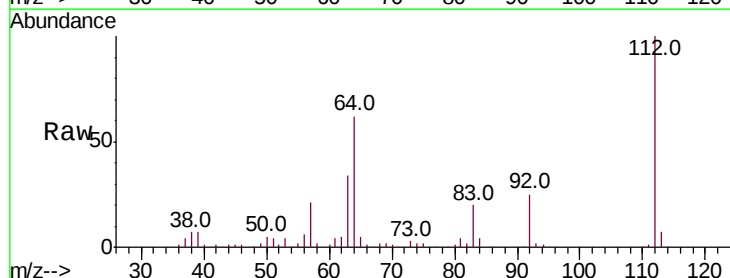
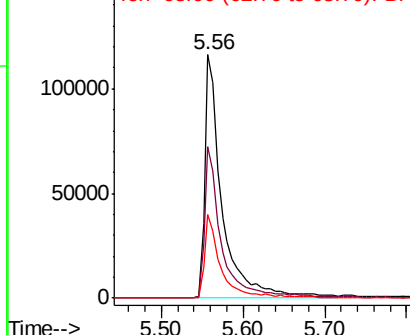
Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	44.1	66.1
63	34.5	23.7	35.5

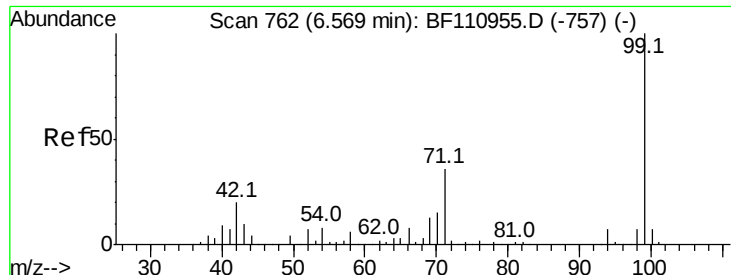
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 48.245 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110979.D

Acq: 26 Nov 2018 22:23

Instrument :

BNA_F

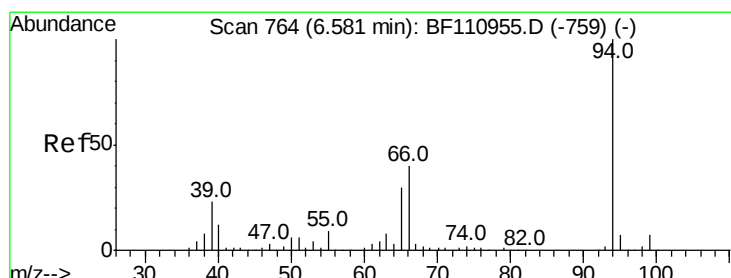
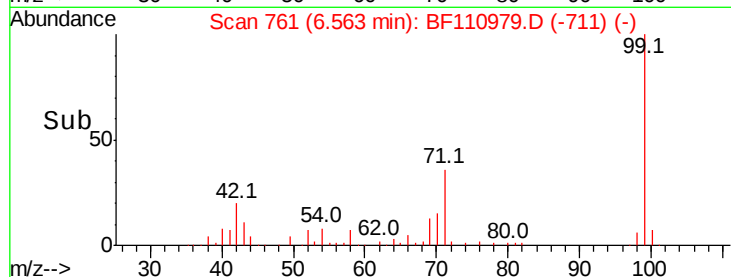
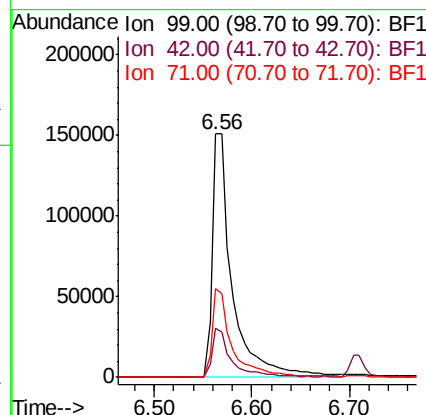
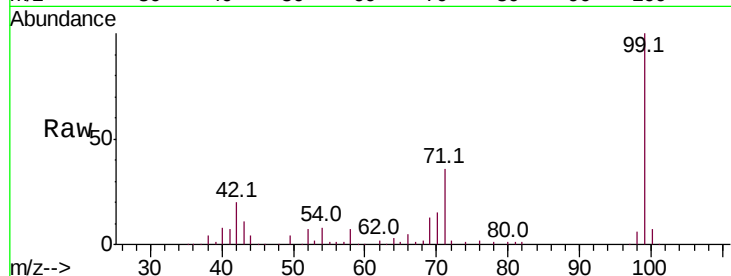
ClientSampleId :

SU-03-112118-A

Tot Ion:	99	Resp:	215137
Ion Ratio	Lower	Upper	
99	100		
42	20.1	15.8	23.6
71	36.3	28.0	42.0

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#10

Phenol

Concen: 2.269 ng

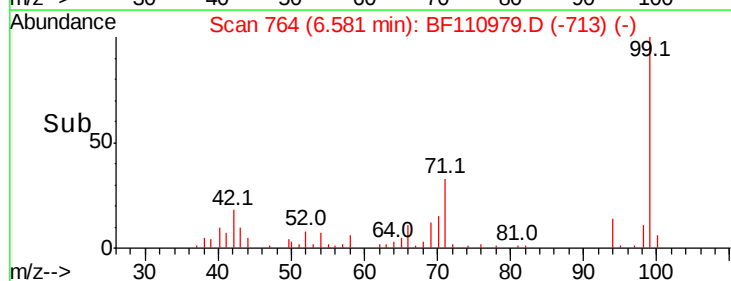
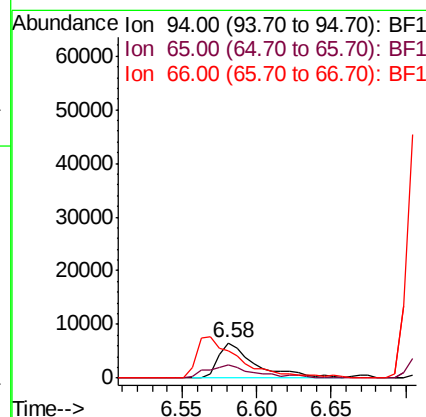
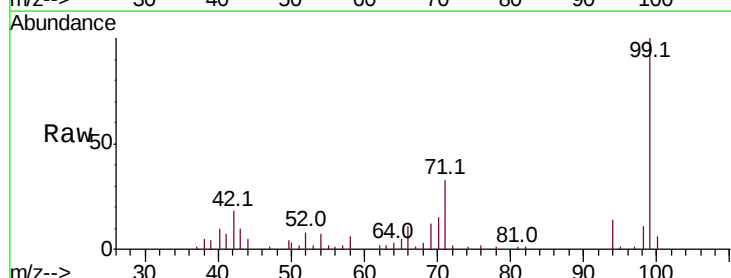
RT: 6.58 min Scan# 764

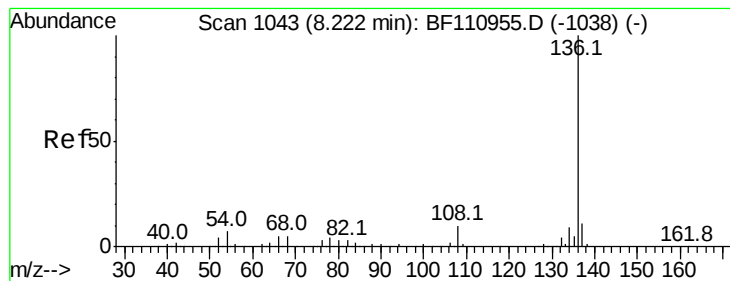
Delta R.T. -0.00 min

Lab File: BF110979.D

Acq: 26 Nov 2018 22:23

Tgt Ion:	94	Resp:	11395
Ion Ratio	Lower	Upper	
94	100		
65	35.9	25.3	65.3
66	78.1	54.5	94.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF110979.D

Acq: 26 Nov 2018 22:23

Instrument :

BNA_F

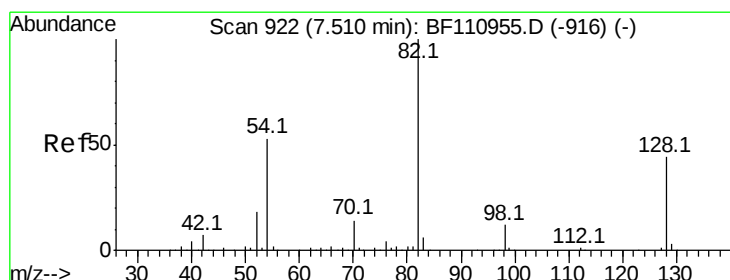
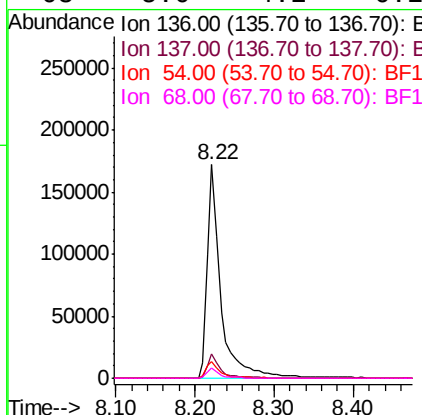
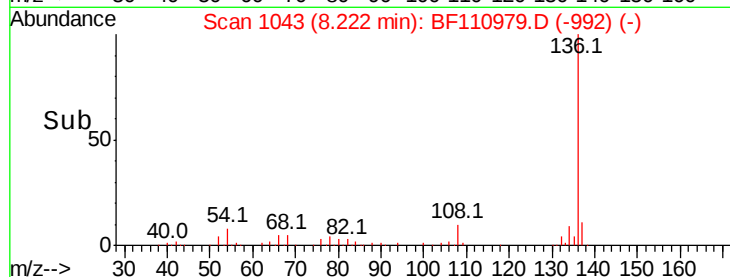
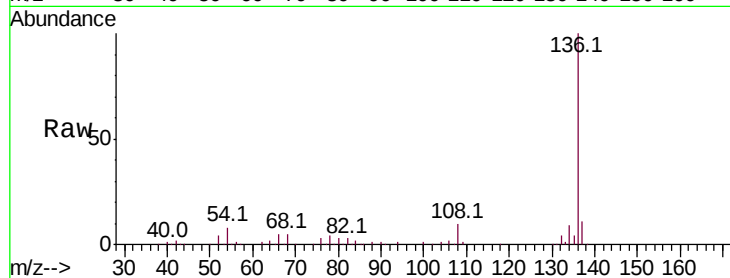
ClientSampleId :

SU-03-112118-A

Tot Ion	Ratio	Resp	Lower	Upper
136	100	208763		
137	11.1		8.8	13.2
54	7.9		5.4	8.2
68	5.0		4.2	6.2

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#23

Nitrobenzene-d5

Concen: 34.225 ng

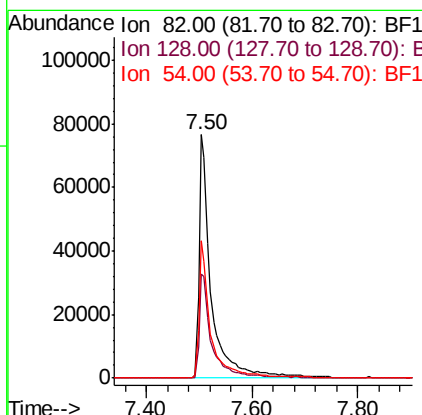
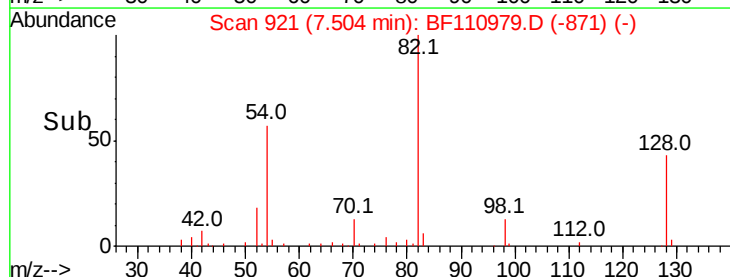
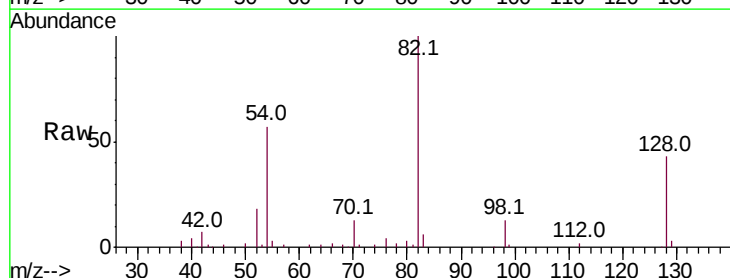
RT: 7.50 min Scan# 921

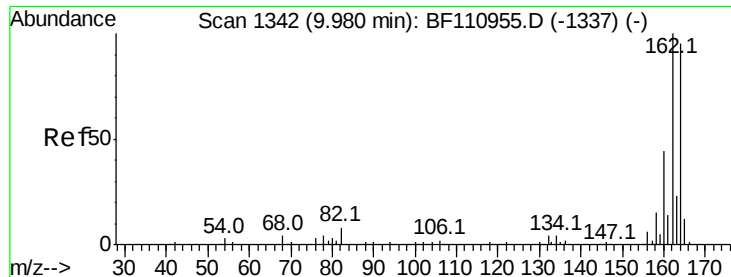
Delta R.T. -0.01 min

Lab File: BF110979.D

Acq: 26 Nov 2018 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	124845		
128	42.9		34.2	51.2
54	56.6		38.6	58.0





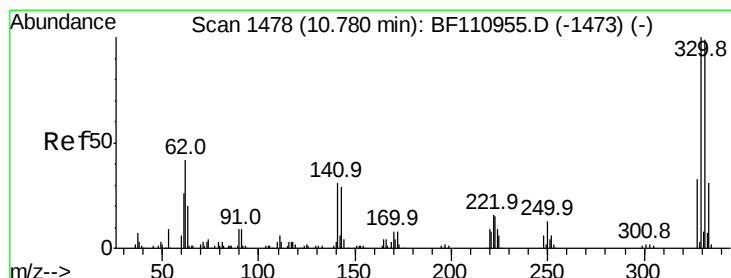
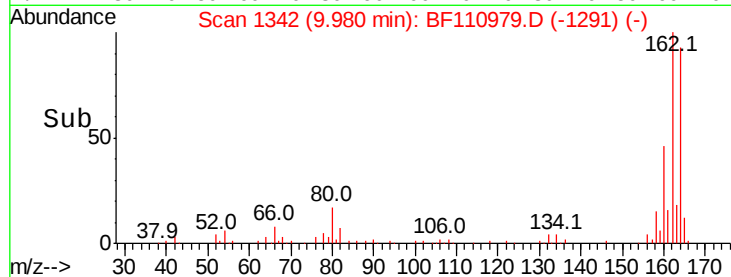
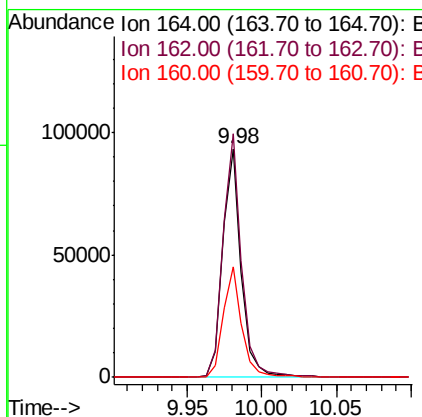
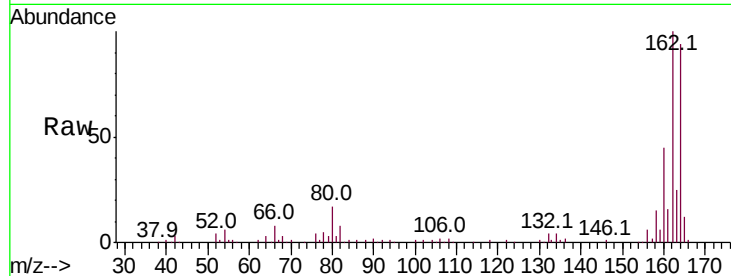
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Instrument :
BNA_F
ClientSampleID :
SU-03-112118-A

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.7	83.0	124.6
160	48.4	37.0	55.6

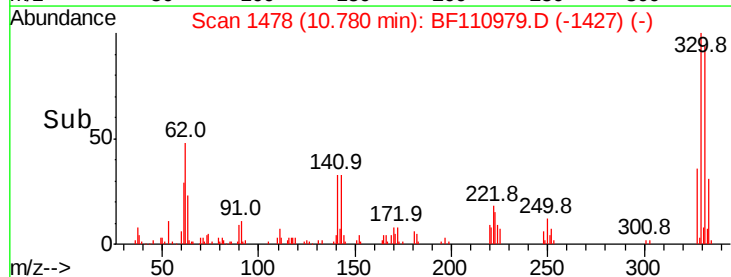
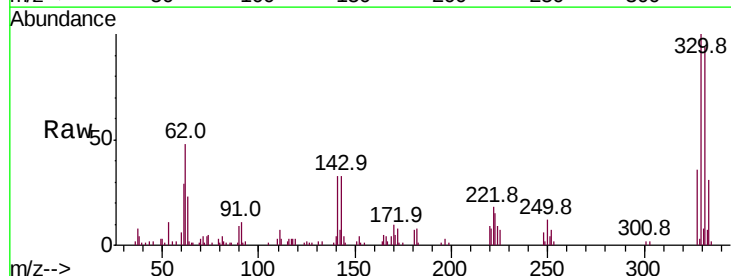
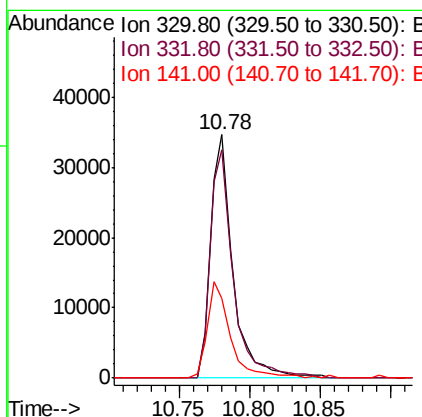
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#42
2,4,6-Tribromophenol
Concen: 46.912 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	40.4	27.0	40.4





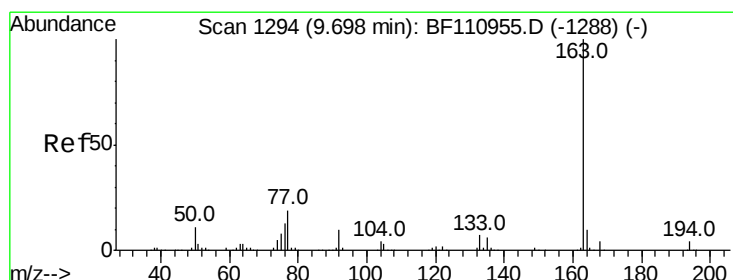
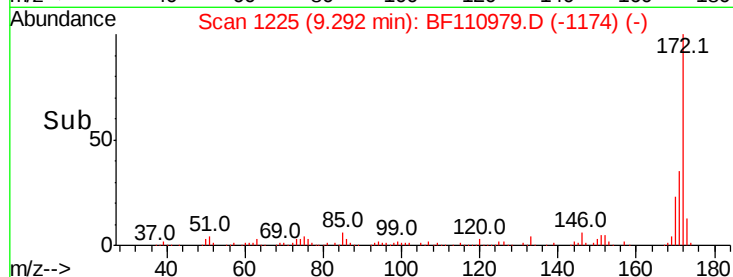
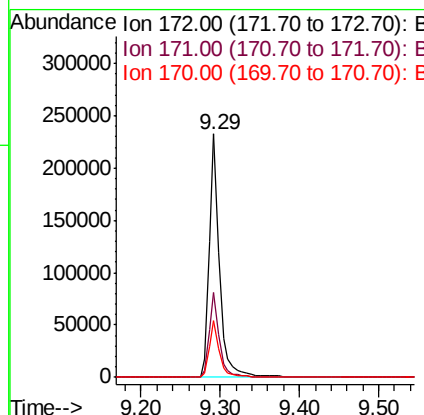
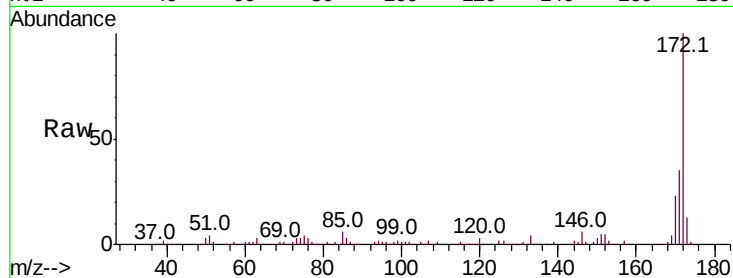
#45
2-Fluorobiphenyl
Concen: 37.416 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
172	100	211490		
171	35.0		28.6	43.0
170	23.4		19.7	29.5

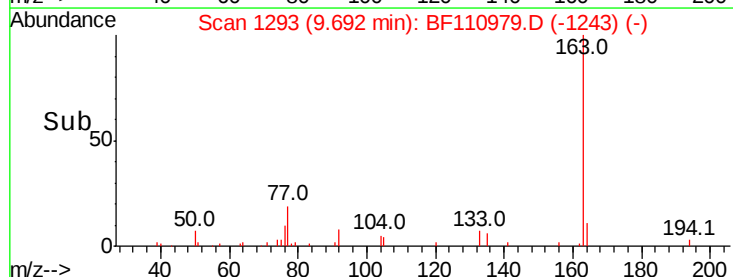
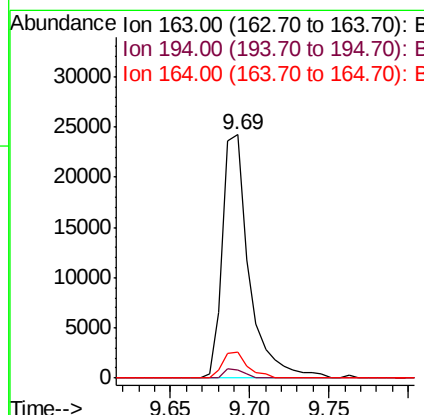
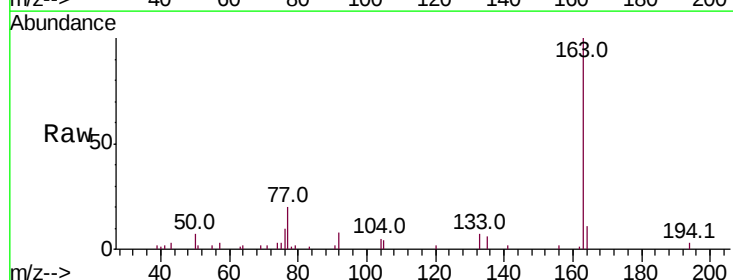
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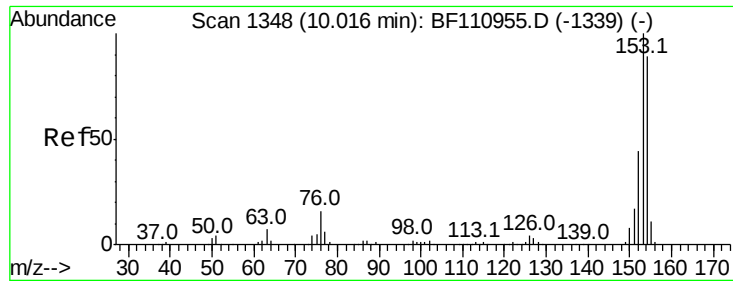
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#50
Dimethylphthalate
Concen: 4.714 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	28311		
194	3.4		3.2	4.8
164	10.9		8.1	12.1





#52

Acenaphthene

Concen: 2.870 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF110979.D

Acq: 26 Nov 2018 22:23

Instrument :

BNA_F

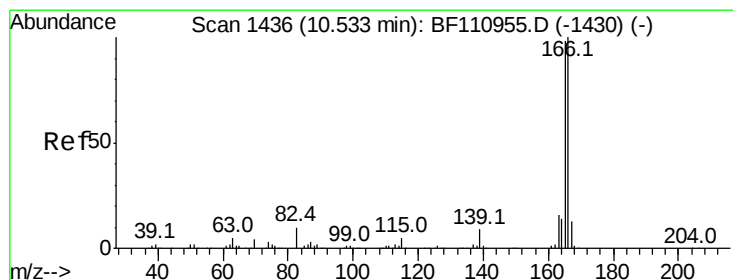
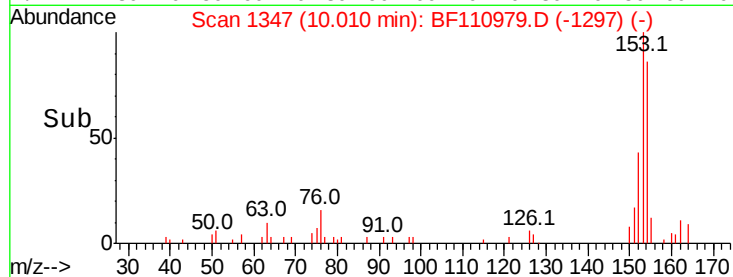
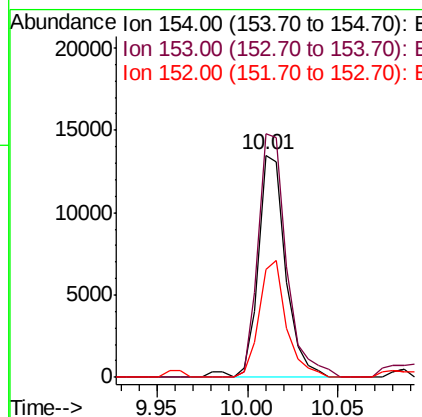
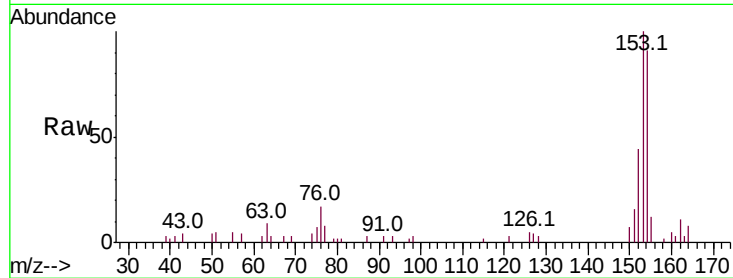
ClientSampleId :

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Tot Ion:	154	Resp:	14324
Ion	Ratio	Lower	Upper
154	100		
153	109.6	90.1	135.1
152	48.5	43.4	65.2

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#58

Fluorene

Concen: 4.207 ng

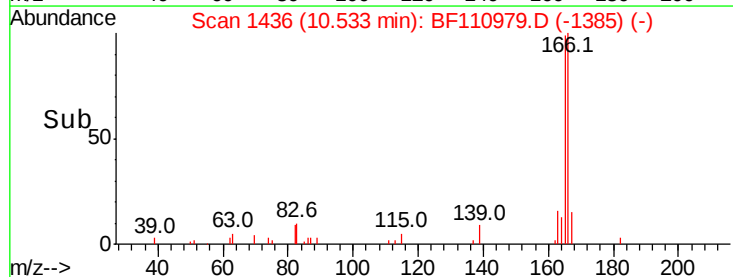
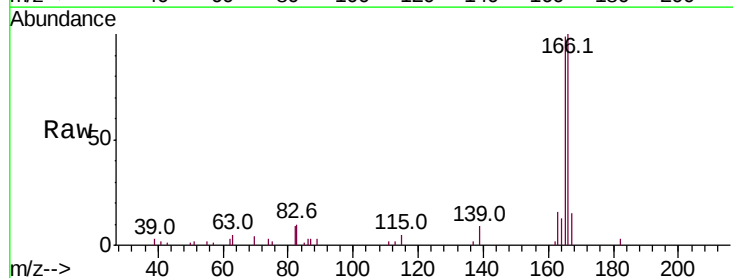
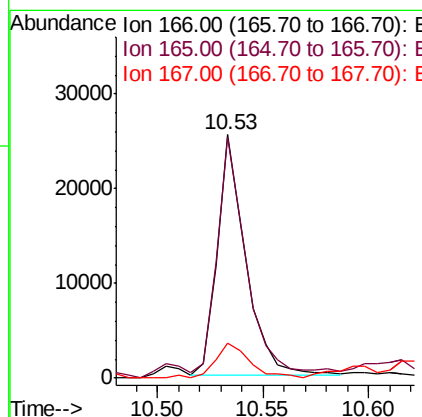
RT: 10.53 min Scan# 1436

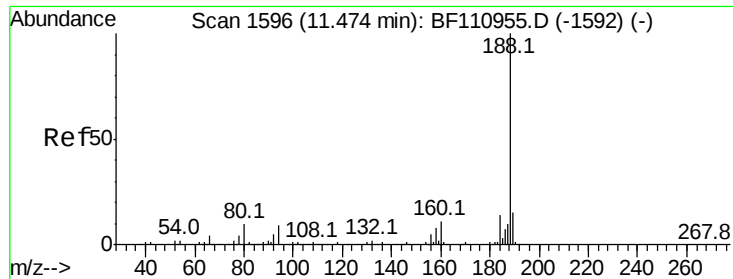
Delta R.T. -0.00 min

Lab File: BF110979.D

Acq: 26 Nov 2018 22:23

Tgt Ion:	166	Resp:	23826
Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	117.8
167	14.6	10.8	16.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF110979.D

Acq: 26 Nov 2018 22:23

Instrument :

BNA_F

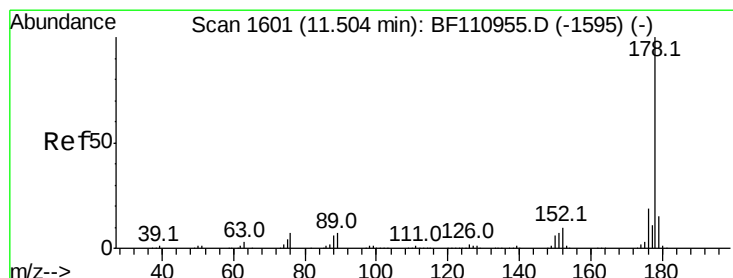
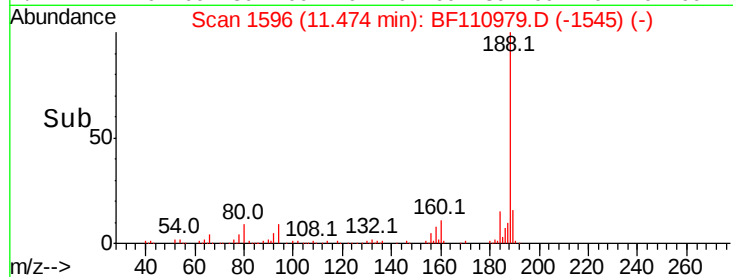
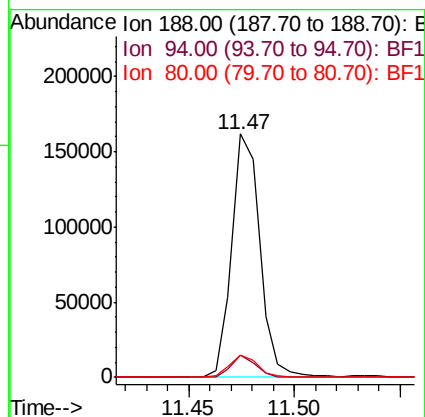
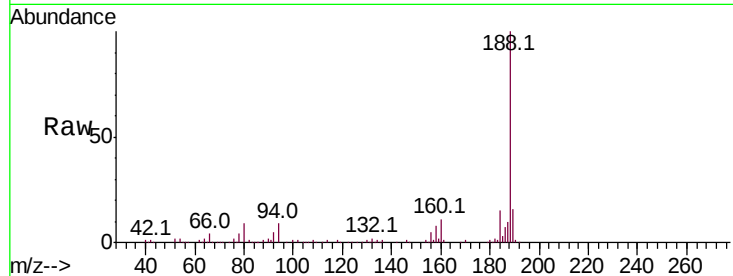
ClientSampleId :

SU-03-112118-A

Tot Ion:	188	Resp:	148792
Ion Ratio	Lower	Upper	
188	100		
94	9.2	7.2	10.8
80	9.4	7.9	11.9

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#71

Phenanthrene

Concen: 18.771 ng

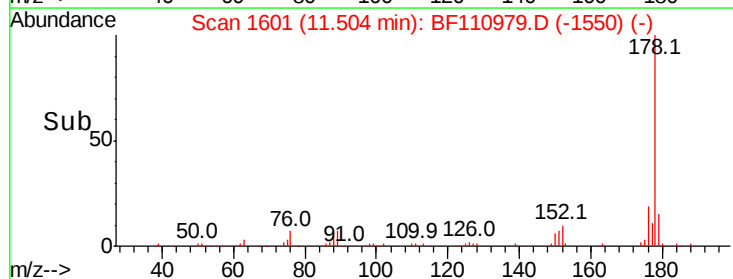
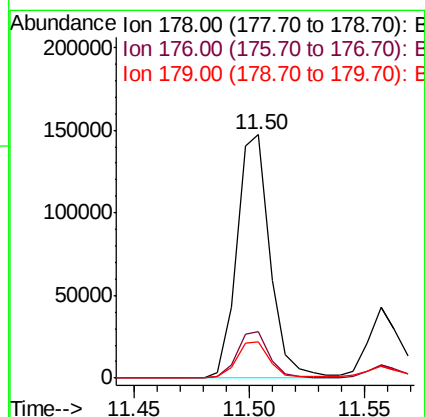
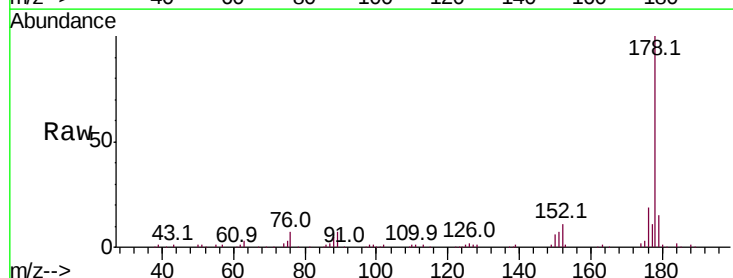
RT: 11.50 min Scan# 1601

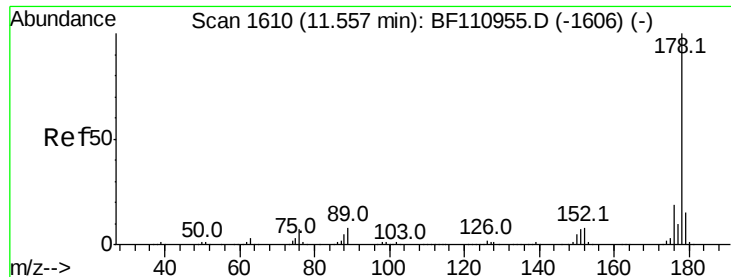
Delta R.T. -0.00 min

Lab File: BF110979.D

Acq: 26 Nov 2018 22:23

Tgt Ion:	178	Resp:	147927
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.5	23.3
179	14.9	12.5	18.7





#72

Anthracene

Concen: 5.946 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BF110979.D

Acq: 26 Nov 2018 22:23

Instrument :

BNA_F

ClientSampleId :

SU-03-112118-A

Tot Ion:178 Resp: 47720

Ion Ratio Lower Upper

178 100

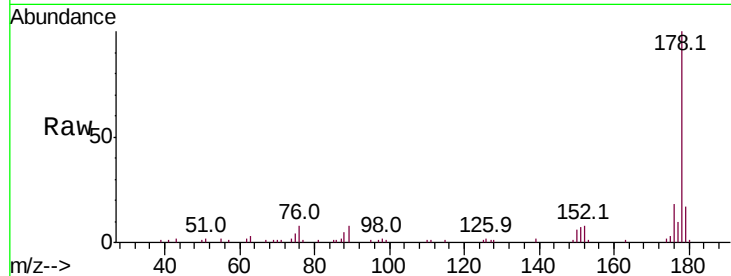
176 17.7 15.4 23.2

179 17.2 12.6 18.8

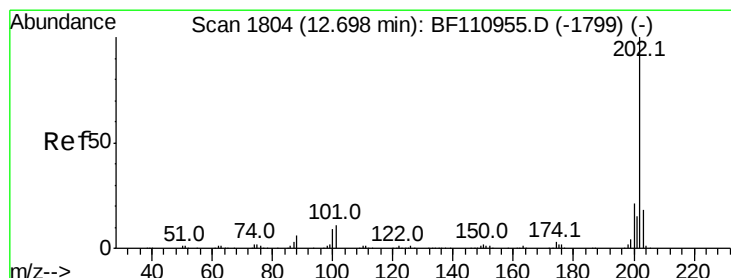
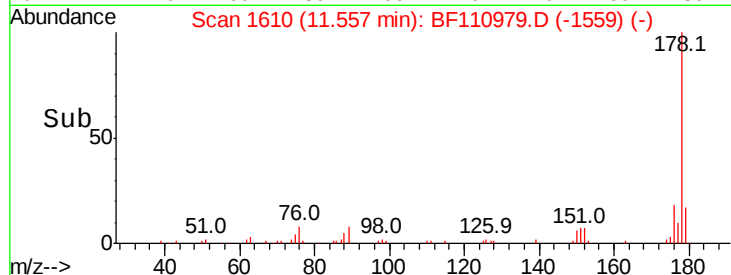
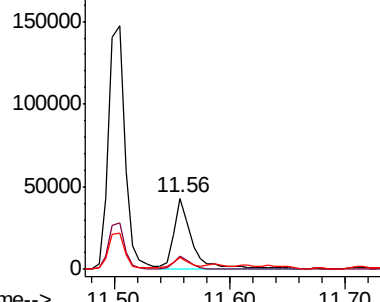
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Abundance Ion 178.00 (177.70 to 178.70): E
200000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 20.458 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF110979.D

Acq: 26 Nov 2018 22:23

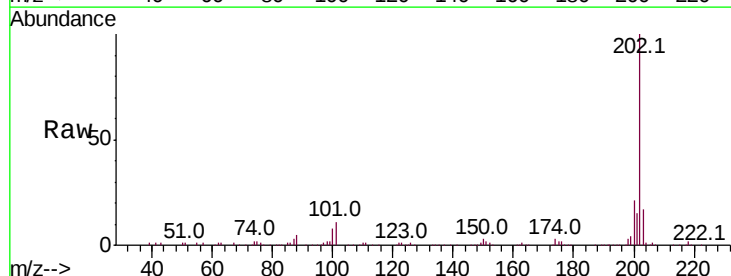
Tgt Ion:202 Resp: 165698

Ion Ratio Lower Upper

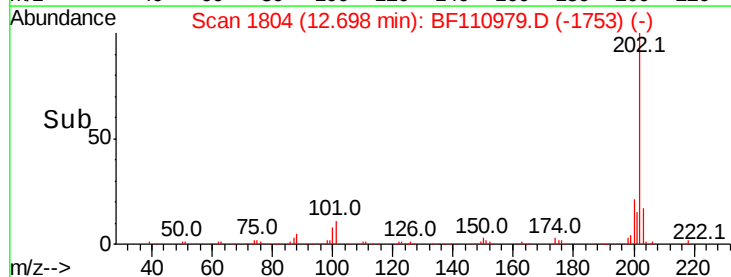
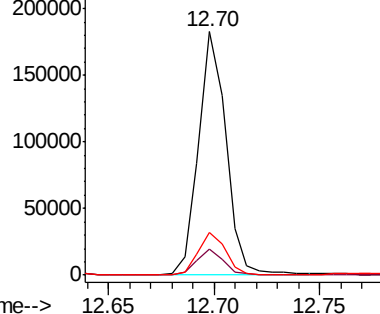
202 100

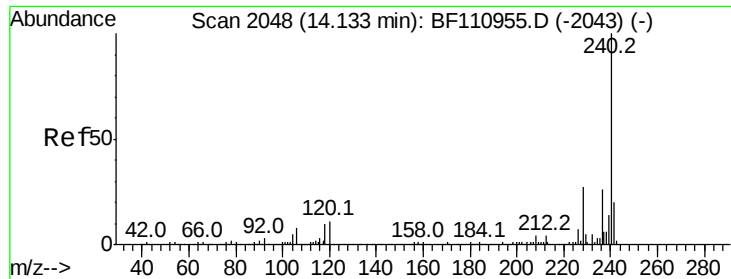
101 10.7 0.0 31.4

203 17.5 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E
250000 Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





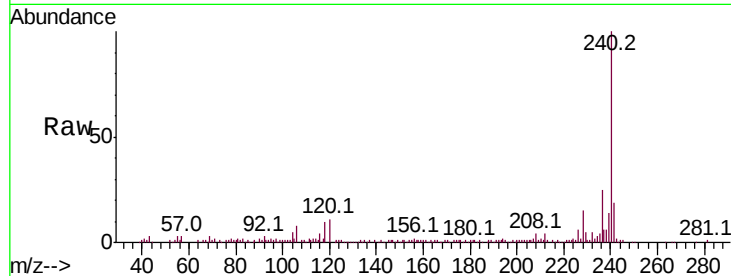
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Instrument :
BNA_F
ClientSampleId :
SU-03-112118-A

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.6	8.3	12.5	
236	25.1	21.2	31.8	

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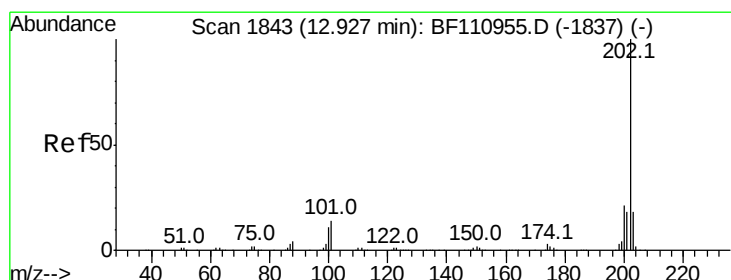
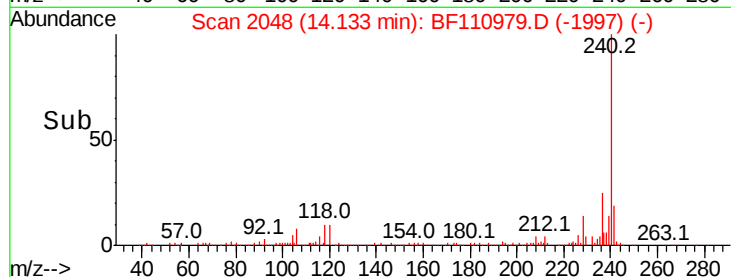
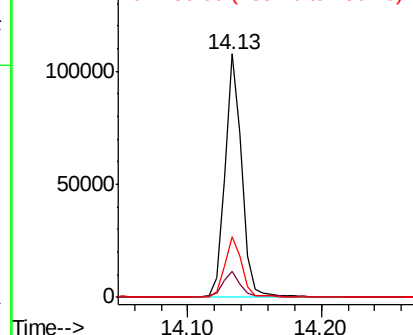


Abundance

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: 24.296 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.01 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

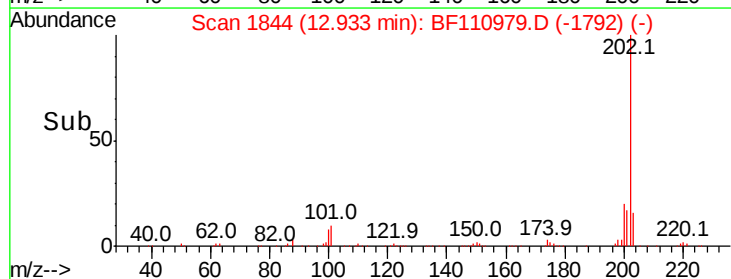
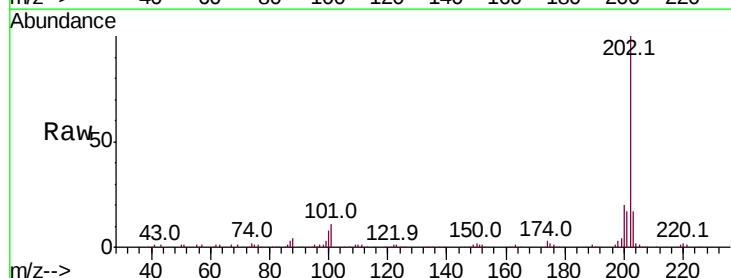
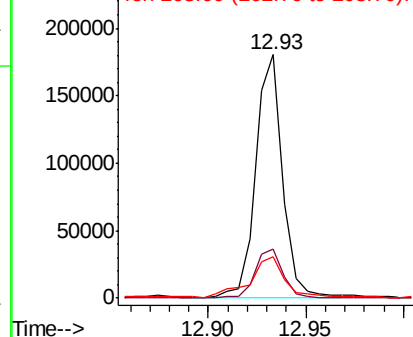
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.1	17.8	26.6	
203	17.0	14.2	21.4	

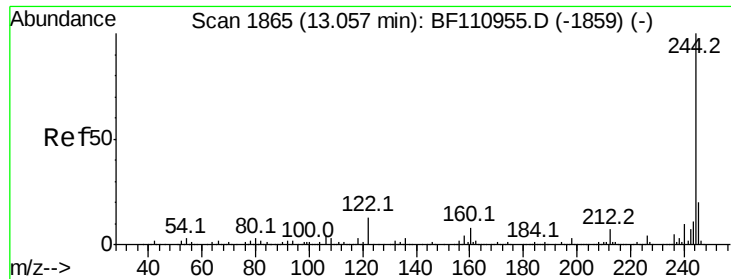
Abundance

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





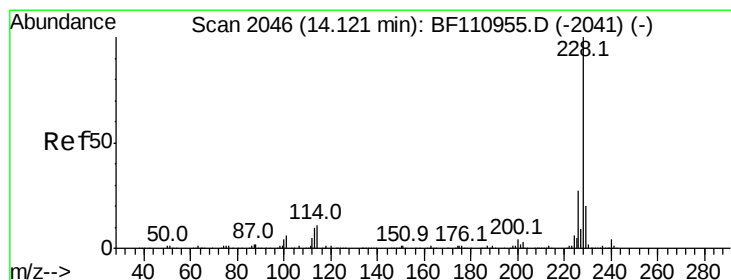
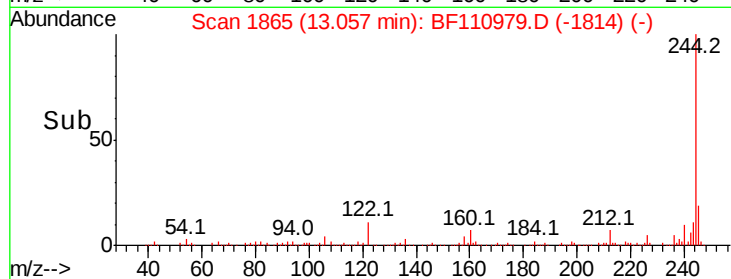
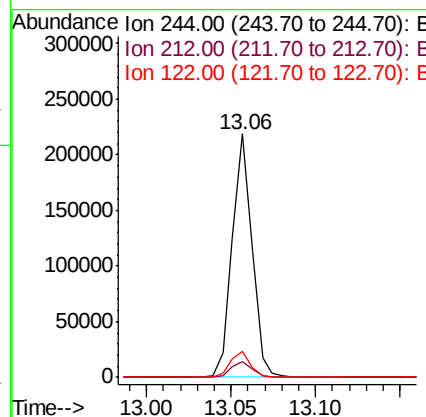
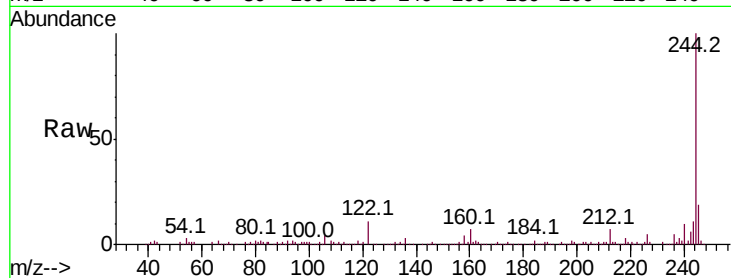
#79
 Terphenyl-d14
 Concen: 36.191 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: BF110979.D
 Acq: 26 Nov 2018 22:23

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-112118-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	10.7	8.7	13.1

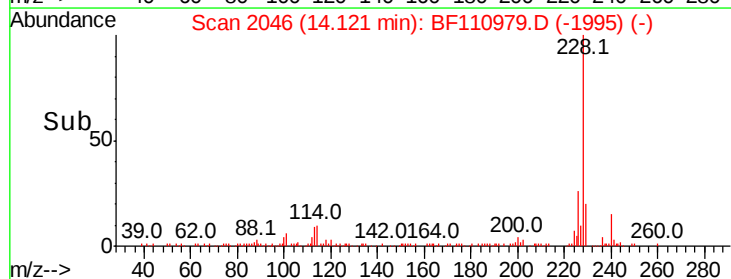
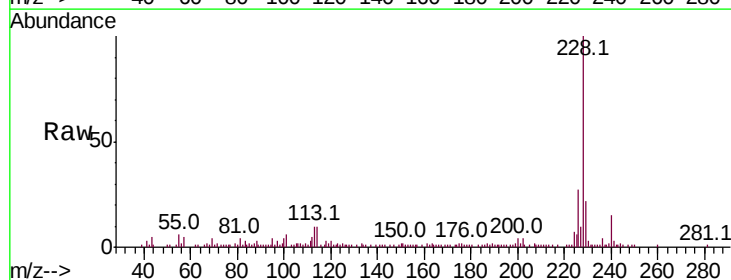
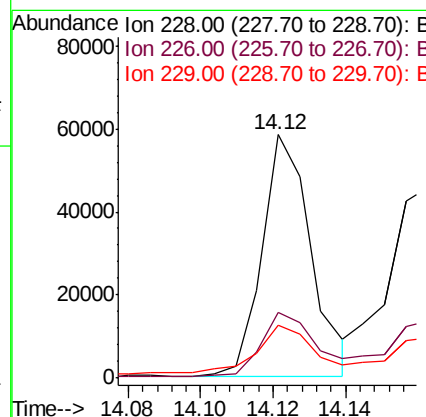
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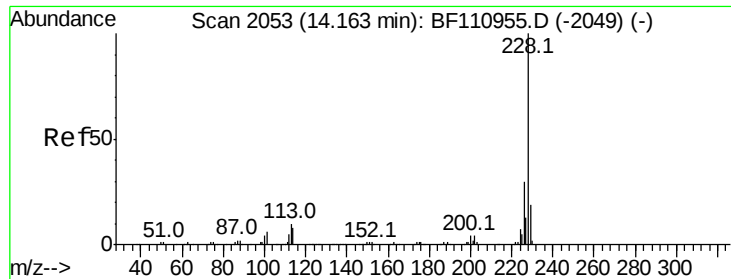
mohammad
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#81
 Benzo(a)anthracene
 Concen: 9.658 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. -0.00 min
 Lab File: BF110979.D
 Acq: 26 Nov 2018 22:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.1	33.1
229	21.9	15.6	23.4





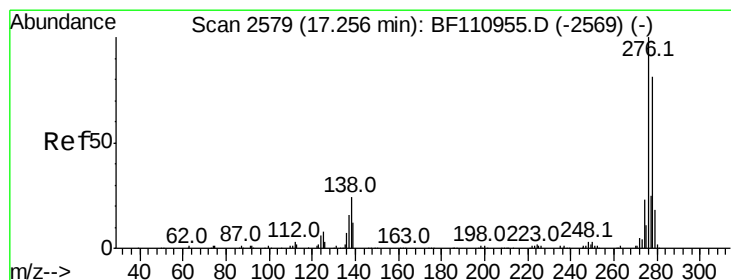
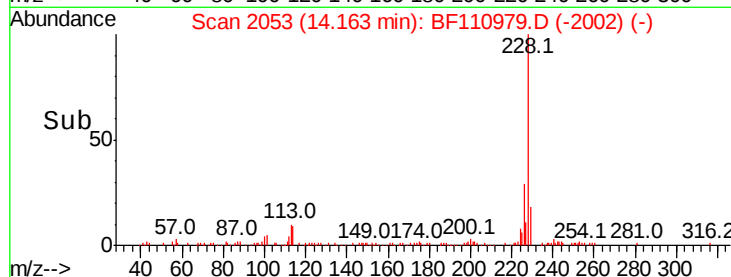
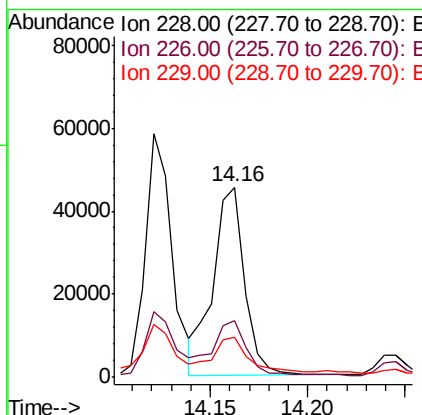
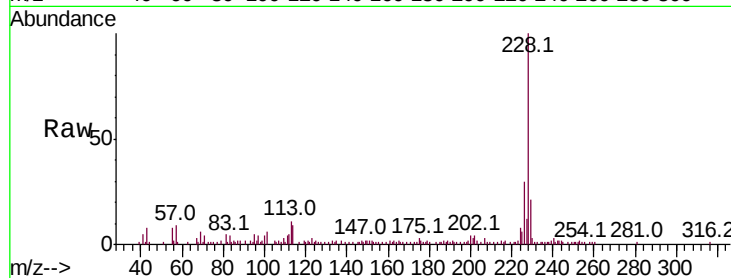
#83
Chrysene
Concen: 9.164 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Instrument :
BNA_F
ClientSampleId :
SU-03-112118-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.7	37.1
229	20.8	15.9	23.9

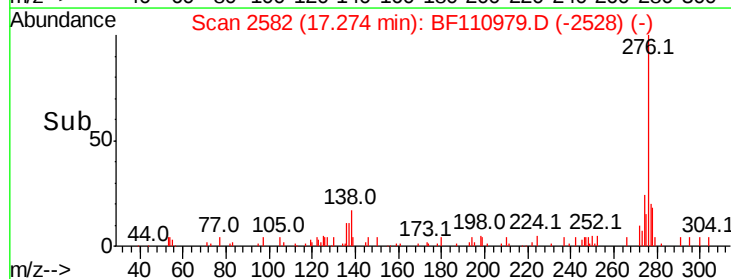
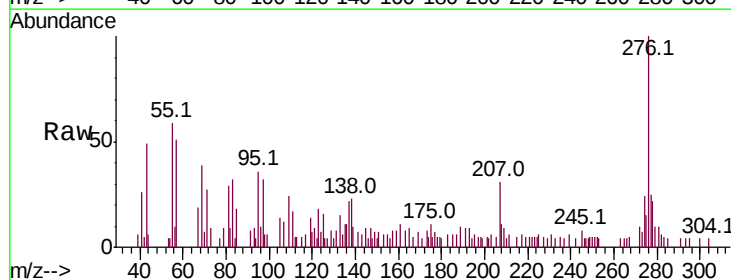
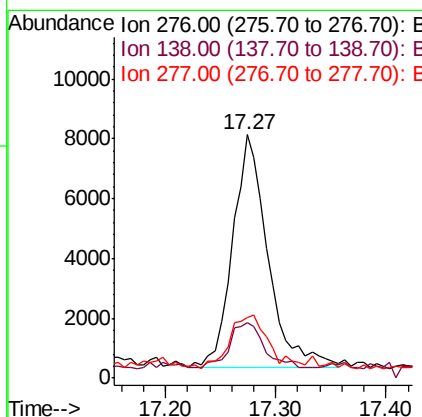
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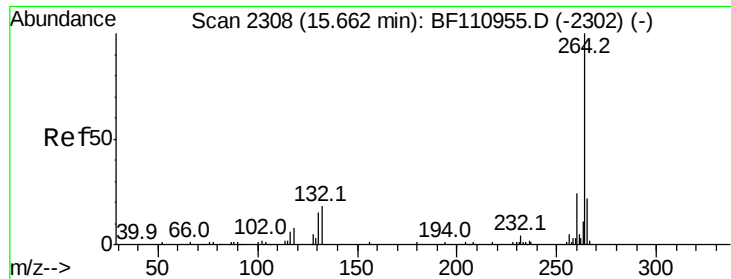
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 4.334 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.02 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.3	18.5	27.7
277	25.3	20.0	30.0





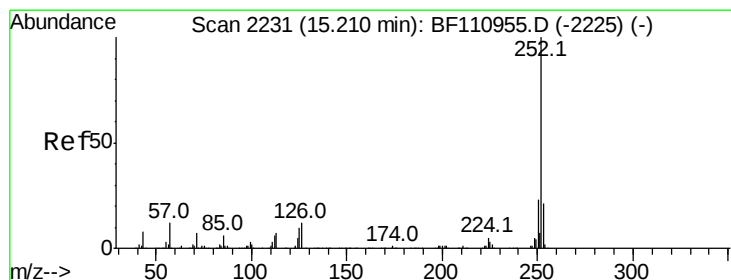
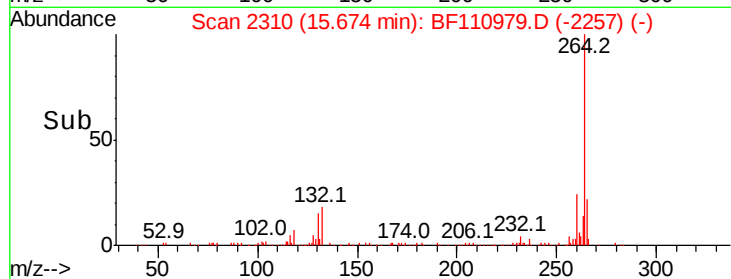
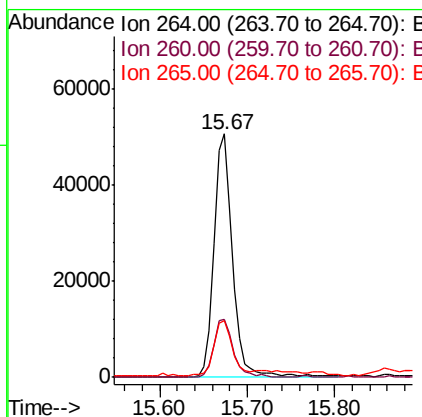
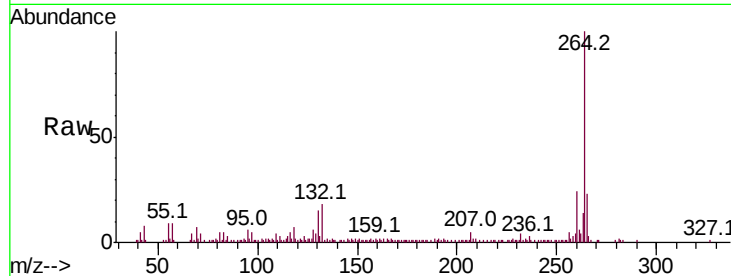
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Instrument :
BNA_F
ClientSampleId :
SU-03-112118-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	23.2	16.7	25.1

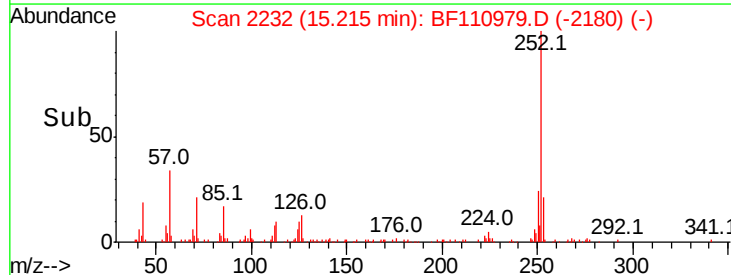
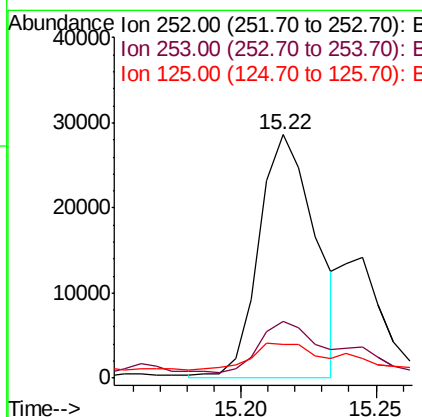
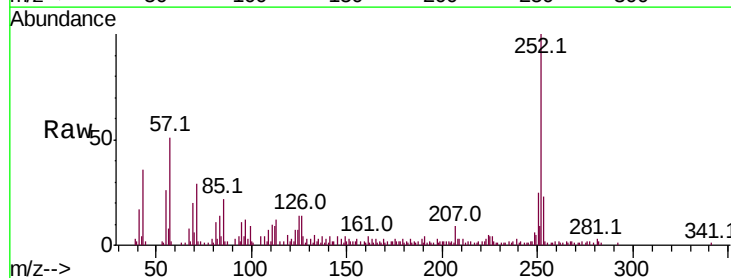
Manual Integrations
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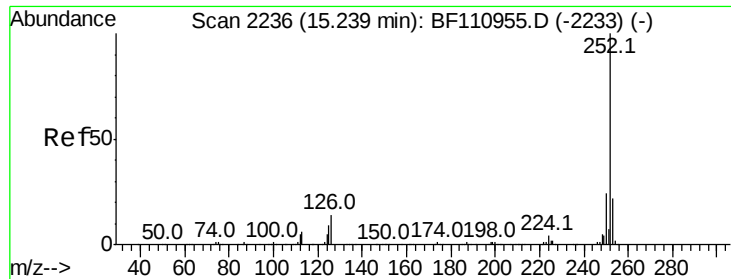
mohammad
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#88
Benzo(b)fluoranthene
Concen: 9.401 ng m
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	14.1	8.2	12.4#





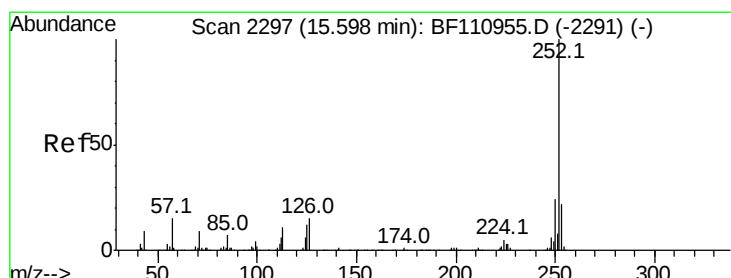
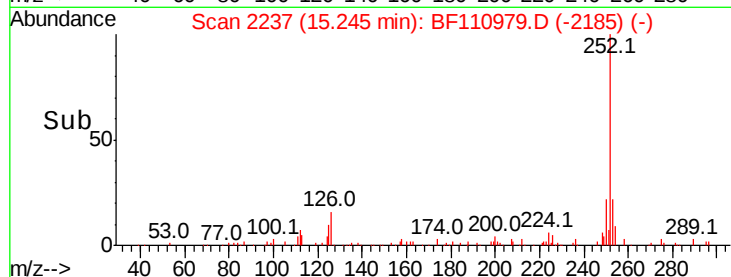
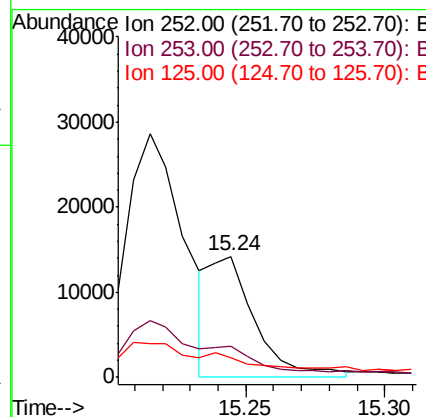
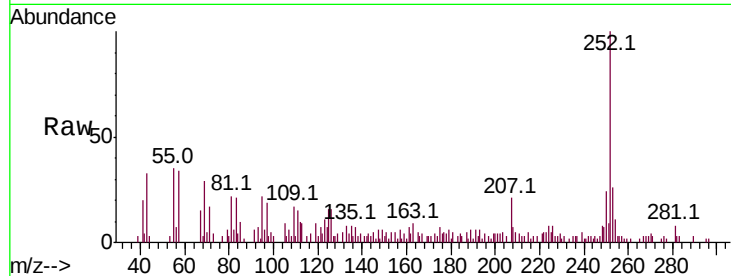
#89
Benzo(k)fluoranthene
Concen: 3.561 ng m
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Instrument :
BNA_F
ClientSampleId :
SU-03-112118-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.2	25.8
125	16.4	7.4	11.0

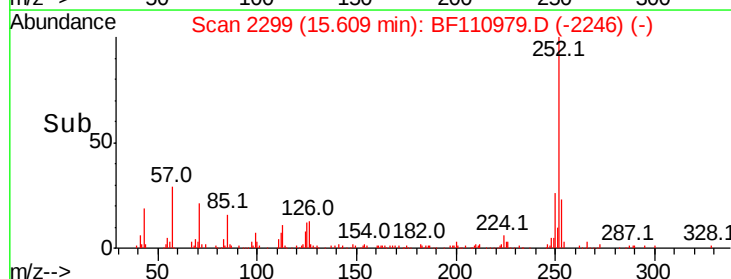
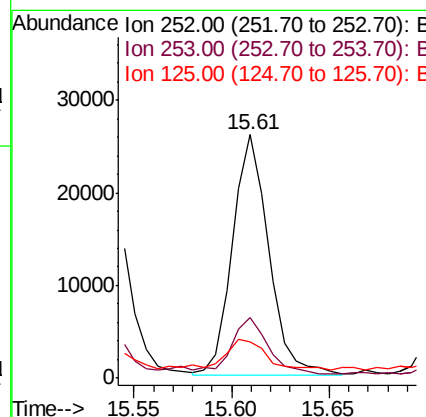
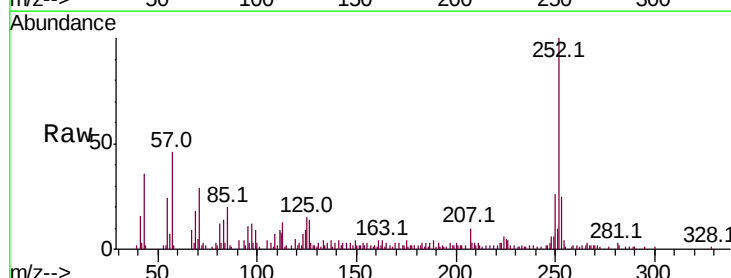
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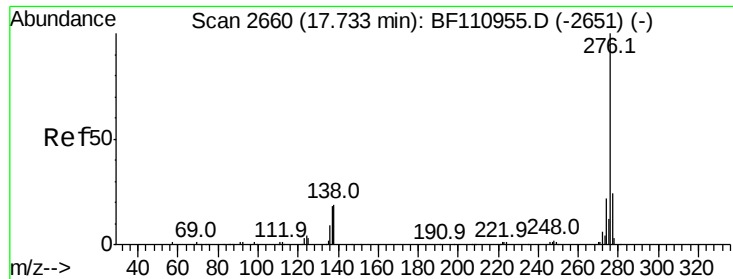
mohammad
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#90
Benzo(a)pyrene
Concen: 8.063 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.2	27.4
125	15.1	9.0	13.6





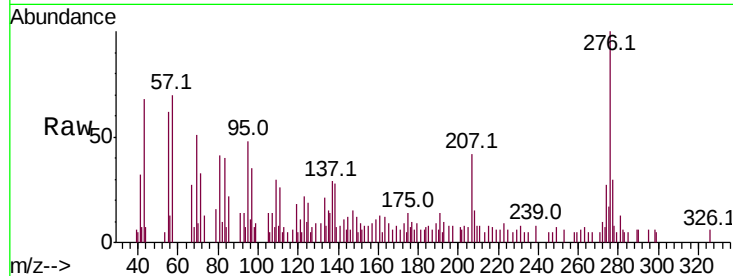
#92
 Benzo(a,h,i)perylene
 Concen: 5.770 ng
 RT: 17.76 min Scan# 2665
 Delta R.T. 0.03 min
 Lab File: BF110979.D
 Acq: 26 Nov 2018 22:23

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-112118-A

Tot Ion:	276	Resp:	18971
Ion Ratio	Lower	Upper	
276	100		
277	29.6	18.8	28.2#
138	28.4	16.0	24.0#

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

