

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110972.D
 Acq On : 26 Nov 2018 19:10
 Operator : JU/SJ
 Sample : J5996-25 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC1-06-A

Manual Integrations
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 11/27/2018 11:47:48 AM

Quant Time: Nov 27 03:35:03 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	6.93	152	71577	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	271064	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	104304	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	168169	20.00	ng	0.00
76) Chrysene-d12	14.13	240	110666	20.00	ng	0.00
87) Perylene-d12	15.67	264	82128	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	150236	34.81	ng	0.00
7) Phenol-d6	6.56	99	285217	50.71	ng	0.00
23) Nitrobenzene-d5	7.50	82	189343	39.98	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	10198	9.84	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	324333	45.05	ng	0.00
79) Terphenyl-d14	13.06	244	256925	45.19	ng	0.00
Target Compounds						
10) Phenol	6.58	94	13730	2.167	ng	86
50) Dimethylphthalate	9.69	163	21159	2.766	ng	99
75) Fluoranthene	12.70	202	51028	5.574	ng	98
78) Pyrene	12.93	202	49214	6.089	ng	96
81) Benzo(a)anthracene	14.12	228	24141	3.695	ng	# 87
83) Chrysene	14.16	228	24990	3.885	ng	# 92
86) Indeno(1,2,3-cd)pyrene	17.29	276	12083	2.617	ng	93
88) Benzo(b)fluoranthene	15.22	252	26502m	5.493	ng	
89) Benzo(k)fluoranthene	15.24	252	10302m	2.075	ng	
90) Benzo(a)pyrene	15.61	252	19198	4.275	ng	# 73
92) Benzo(g,h,i)perylene	17.77	276	14692	4.112	ng	# 77

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

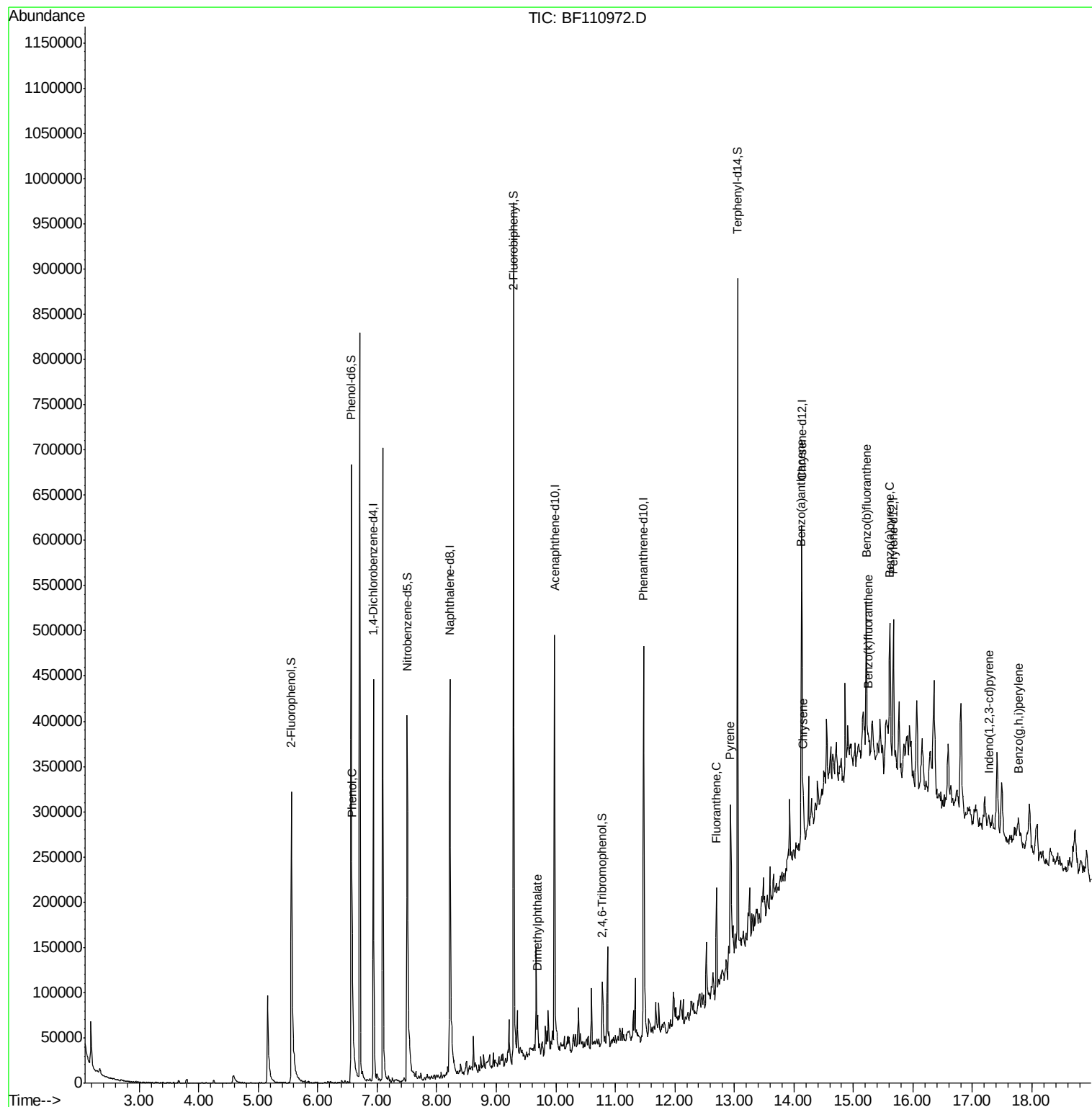
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110972.D
Acq On : 26 Nov 2018 19:10
Operator : JU/SJ
Sample : J5996-25 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

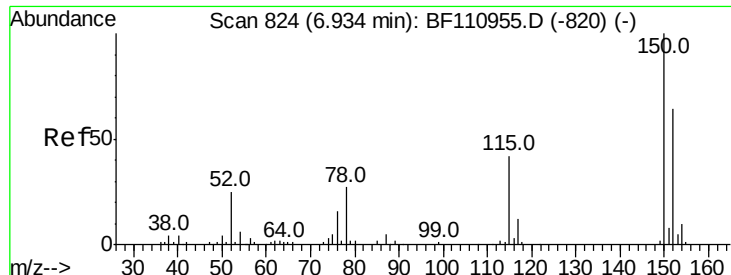
Instrument :
BNA_F
ClientSampleId :
AOC1-06-A

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Quant Time: Nov 27 03:35:03 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





#1

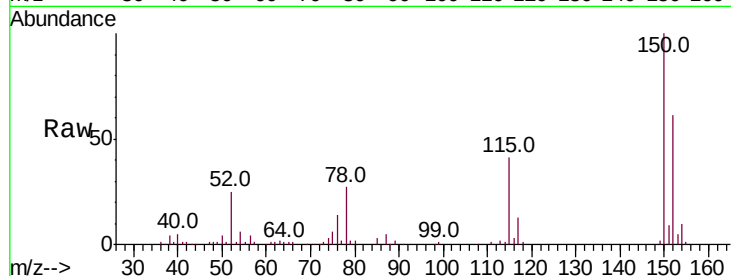
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF110972.D
Acq: 26 Nov 2018 19:10

Instrument :
BNA_F
ClientSampleId :
AOC1-06-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.5	122.7	184.1
115	67.3	49.1	73.7

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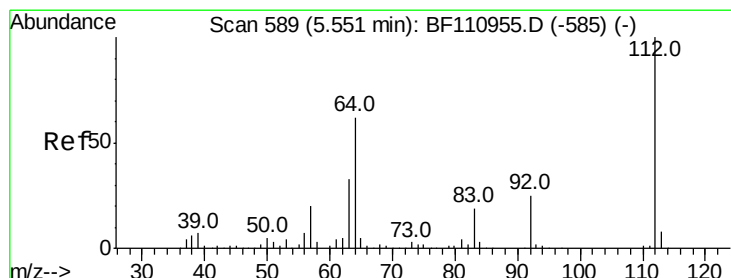
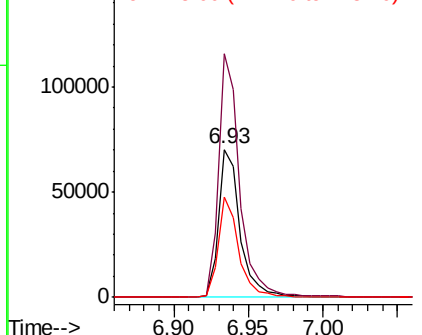
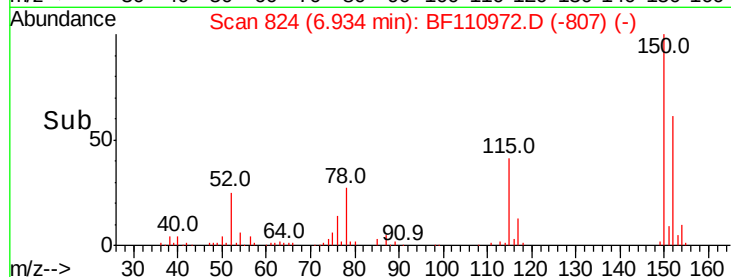


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

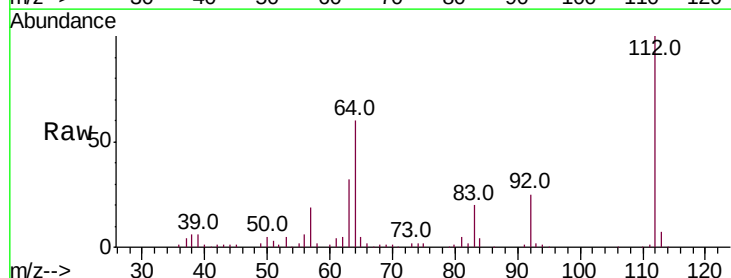
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 34.807 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF110972.D
Acq: 26 Nov 2018 19:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	44.1	66.1
63	32.3	23.7	35.5

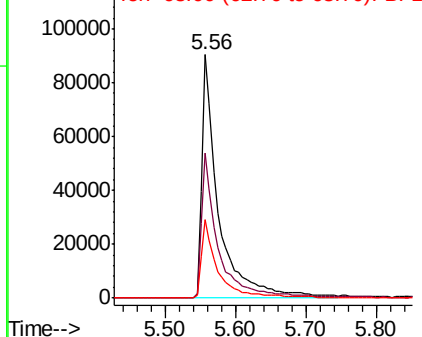
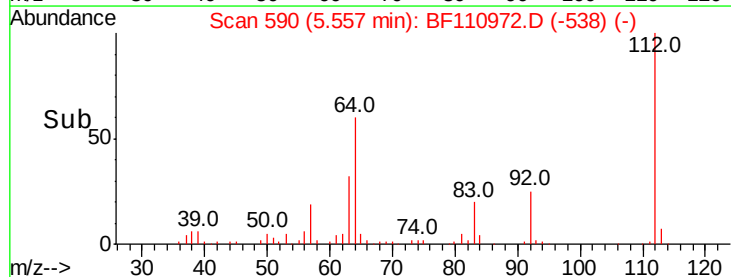


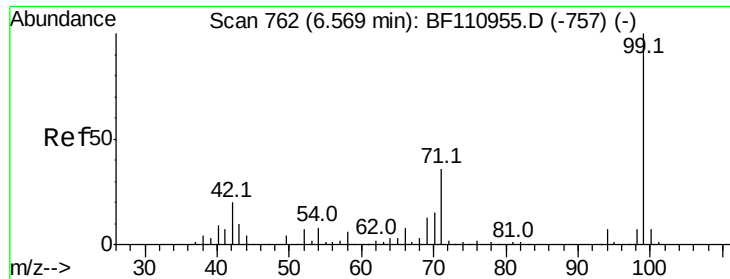
Abundance

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: 50.707 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110972.D

Acq: 26 Nov 2018 19:10

Instrument :

BNA_F

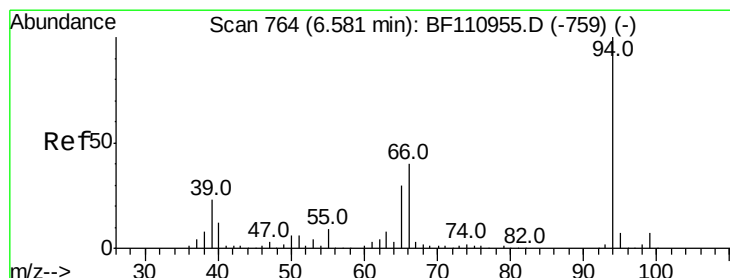
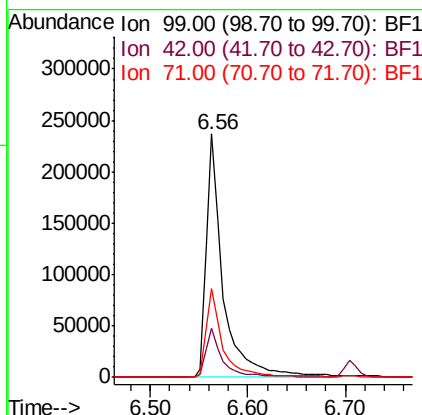
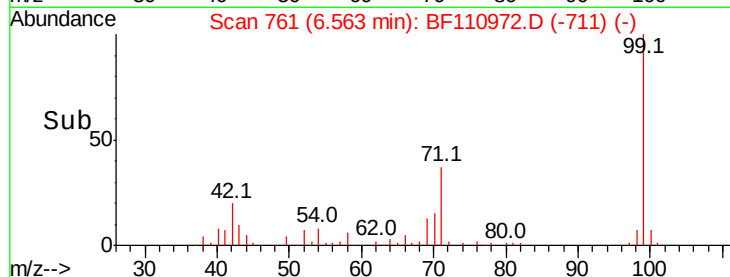
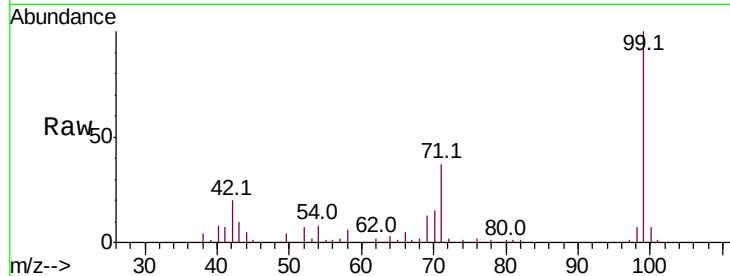
ClientSampleId :

AOC1-06-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		285217		
42	20.2	15.8	23.6		
71	36.6	28.0	42.0		

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#10

Phenol

Concen: 2.167 ng

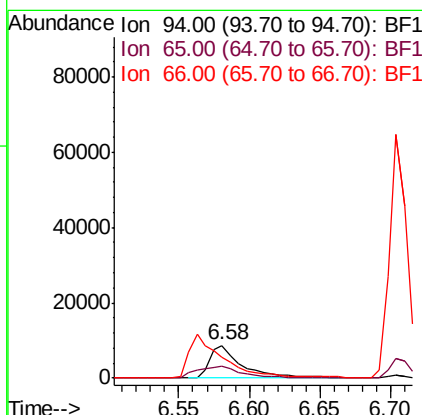
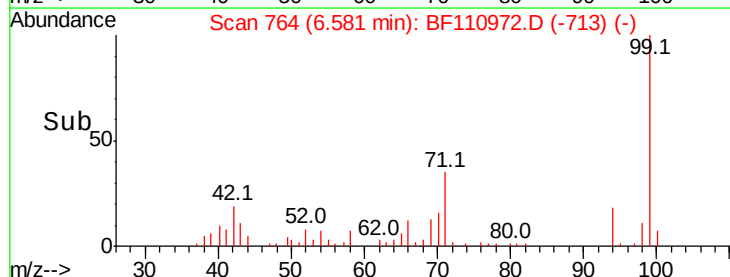
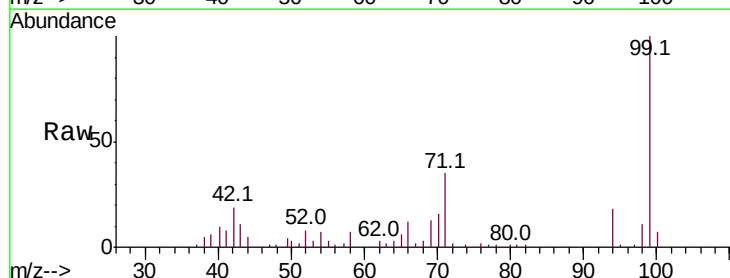
RT: 6.58 min Scan# 764

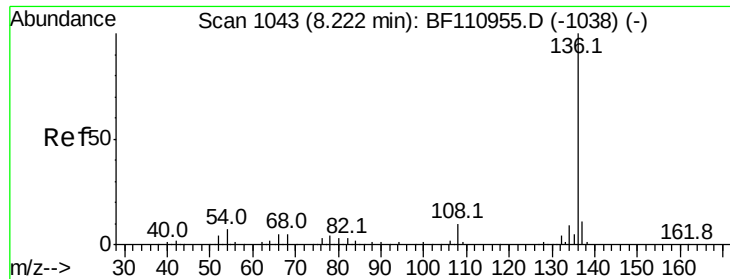
Delta R.T. -0.00 min

Lab File: BF110972.D

Acq: 26 Nov 2018 19:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		13730		
65	34.8	25.3	65.3		
66	63.6	54.5	94.5		





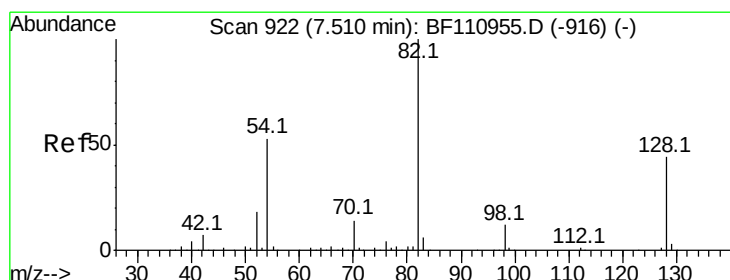
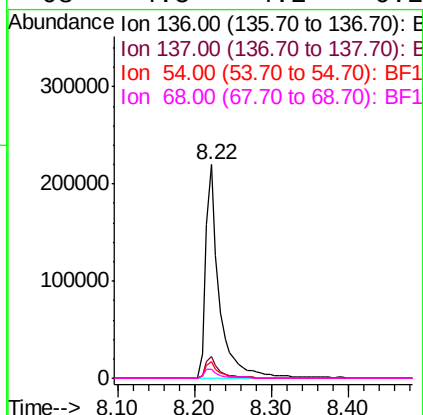
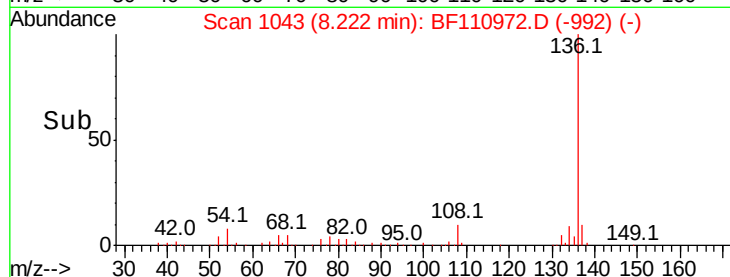
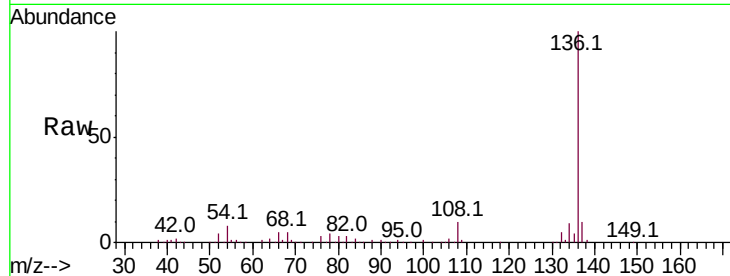
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF110972.D
Acq: 26 Nov 2018 19:10

Instrument :
BNA_F
ClientSampleId :
AOC1-06-A

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.3	8.8	13.2	
54	7.5	5.4	8.2	
68	4.5	4.2	6.2	

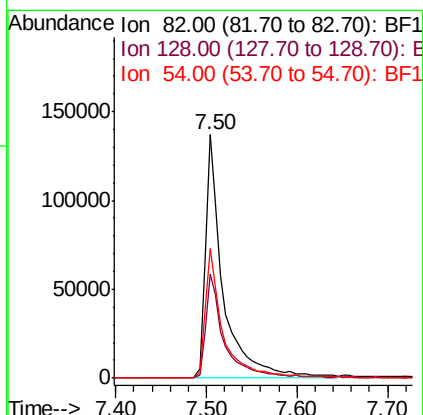
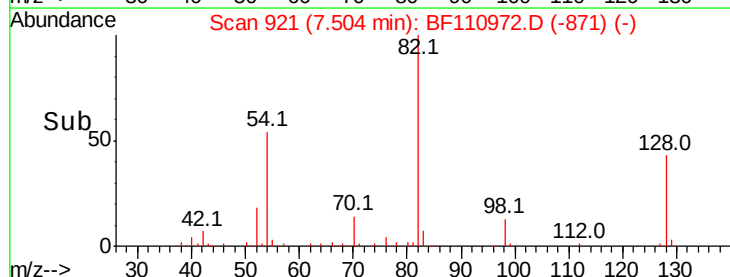
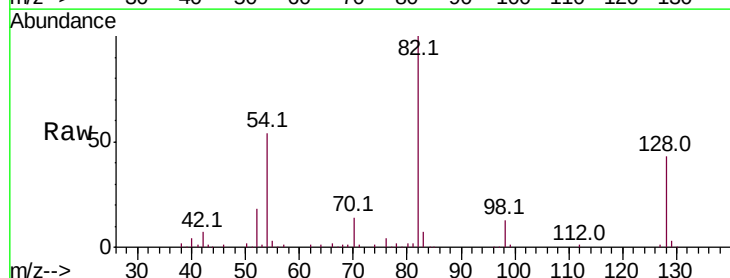
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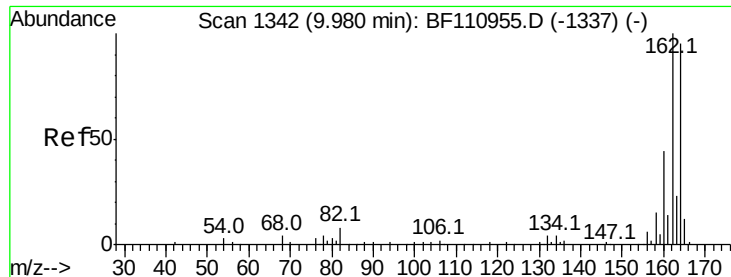
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#23
Nitrobenzene-d5
Concen: 39.977 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110972.D
Acq: 26 Nov 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.9	34.2	51.2	
54	53.5	38.6	58.0	





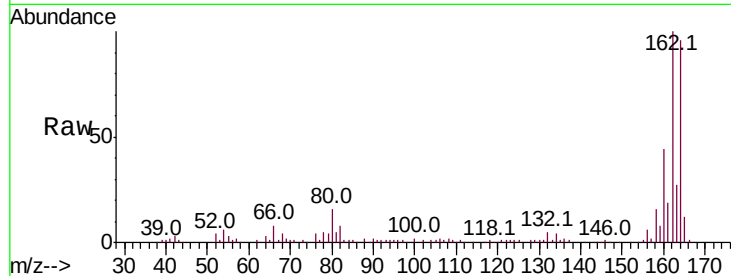
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF110972.D
Acq: 26 Nov 2018 19:10

Instrument :
BNA_F
ClientSampleId :
AOC1-06-A

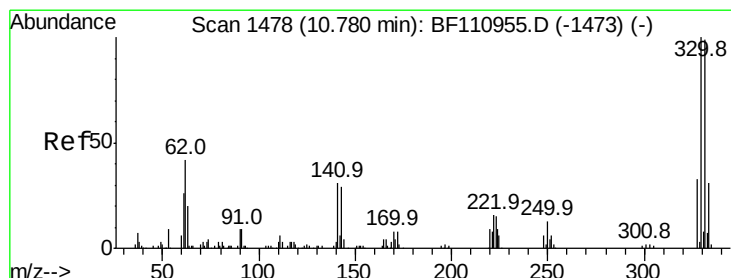
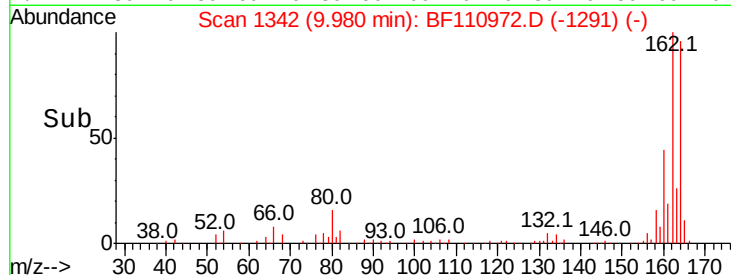
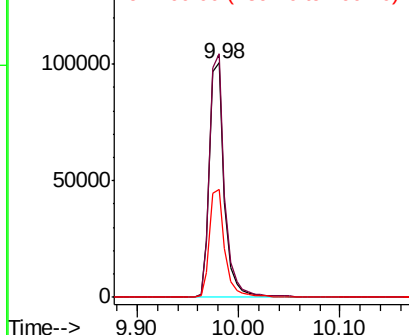
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.0	124.6
160	45.9	37.0	55.6

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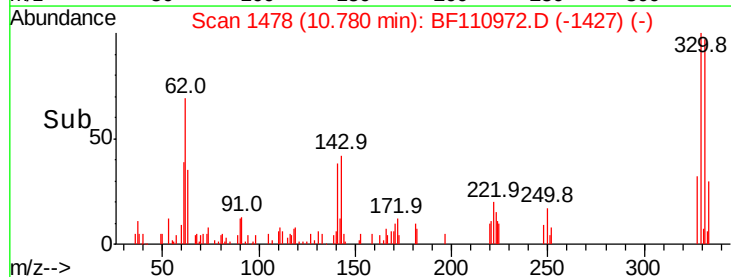
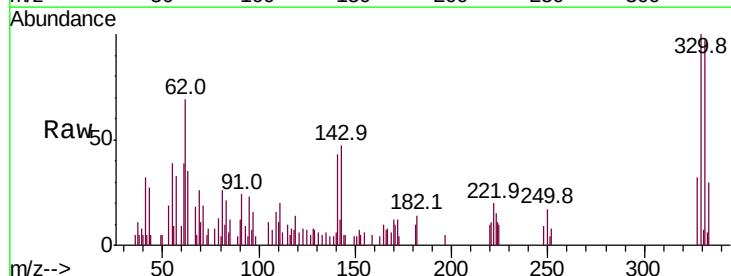
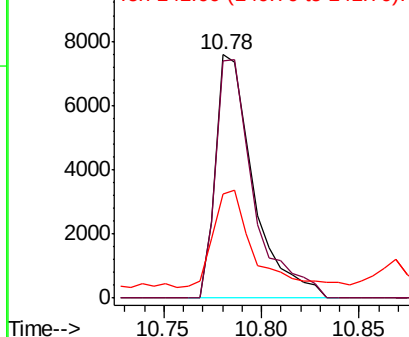
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

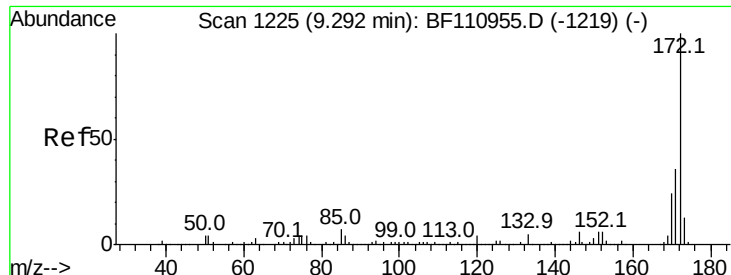


#42
2,4,6-Tribromophenol
Concen: 9.845 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF110972.D
Acq: 26 Nov 2018 19:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.1	115.7
141	47.8	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





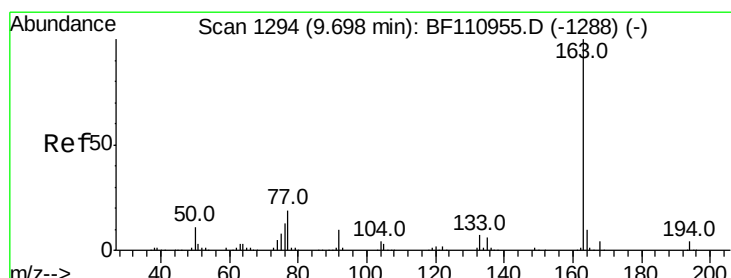
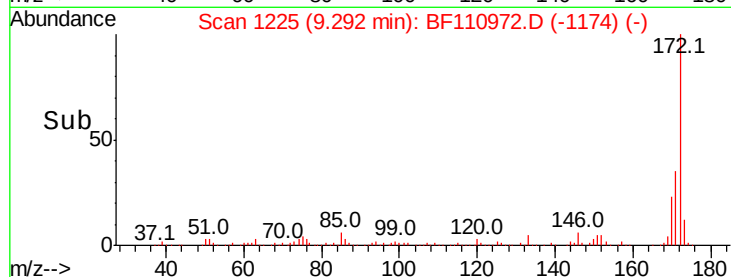
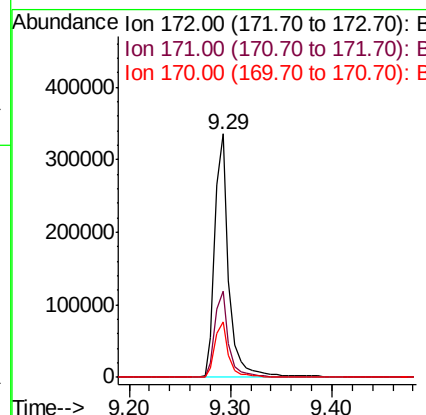
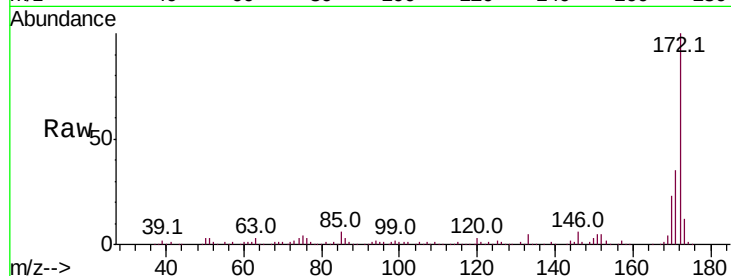
#45
2-Fluorobiphenyl
Concen: 45.050 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF110972.D
Acq: 26 Nov 2018 19:10

Instrument :
BNA_F
ClientSampleId :
AOC1-06-A

Tot Ion	Ratio	Resp	Lower	Upper
172	100	324333		
171	35.1		28.6	43.0
170	23.0		19.7	29.5

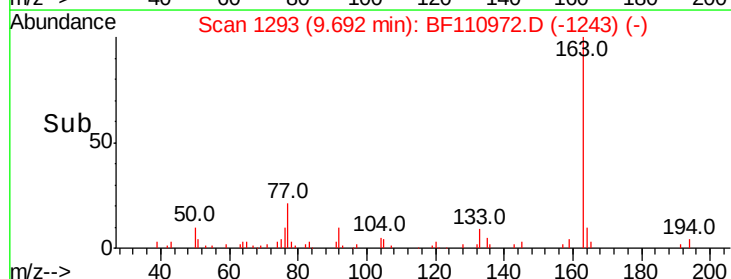
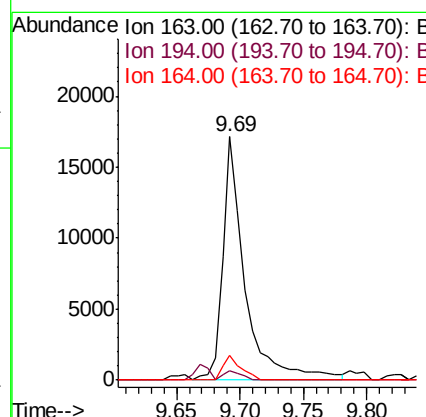
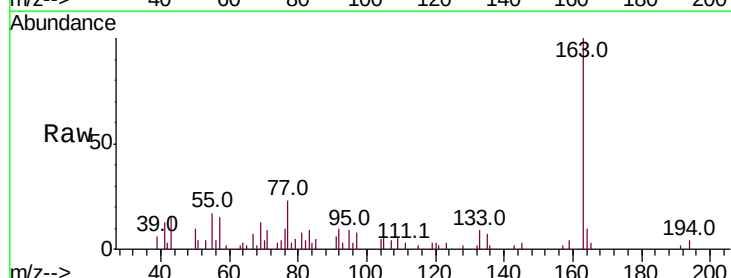
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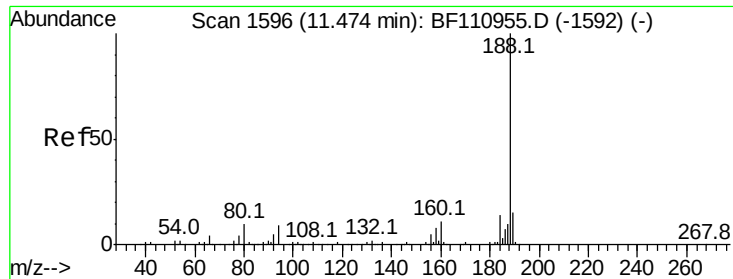
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#50
Dimethylphthalate
Concen: 2.766 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110972.D
Acq: 26 Nov 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	21159		
194	3.6		3.2	4.8
164	10.2		8.1	12.1





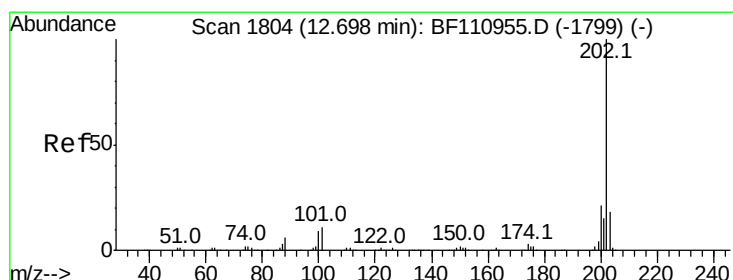
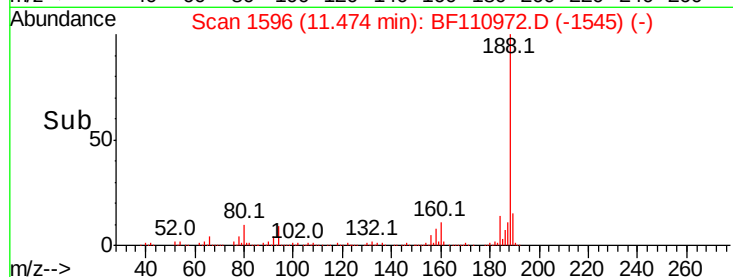
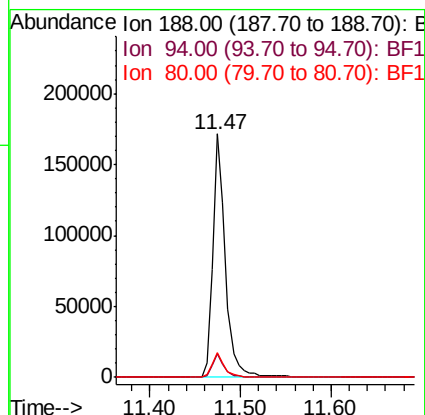
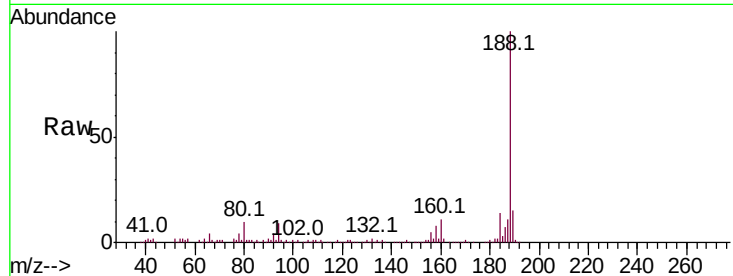
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF110972.D
Acq: 26 Nov 2018 19:10

Instrument :
BNA_F
ClientSampleId :
AOC1-06-A

Tot Ion	Ratio	Resp	Lower	Upper
188	100	168169		
94	9.4	7.2	10.8	
80	9.9	7.9	11.9	

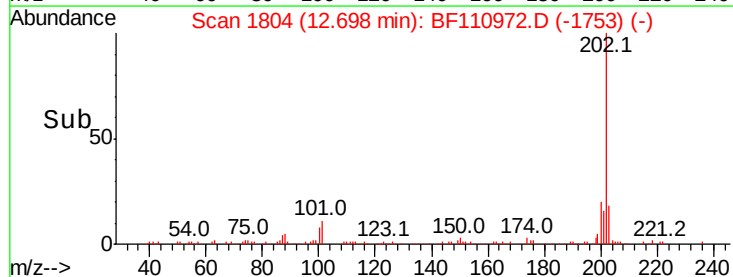
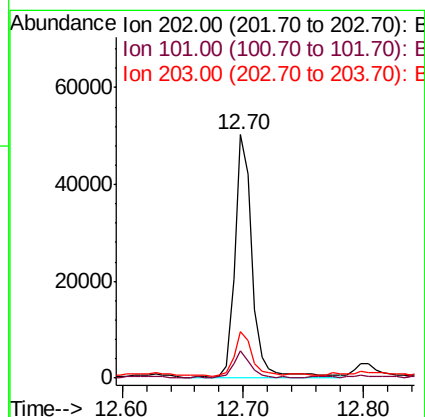
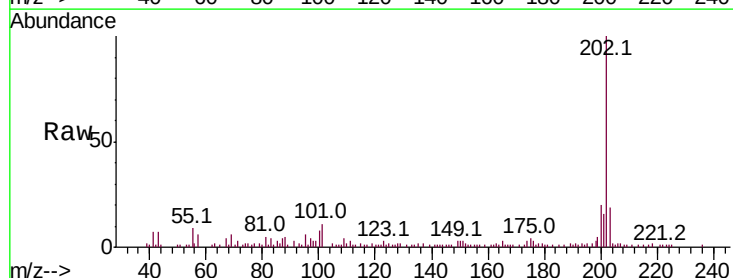
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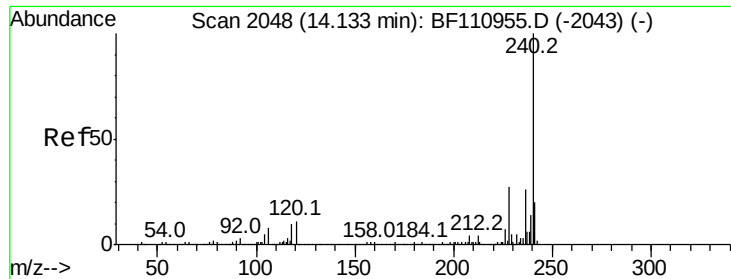
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#75
Fluoranthene
Concen: 5.574 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF110972.D
Acq: 26 Nov 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	51028		
101	11.1	0.0	31.4	
203	19.3	0.0	37.7	





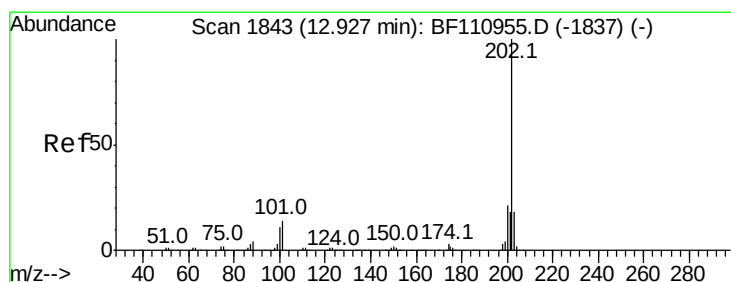
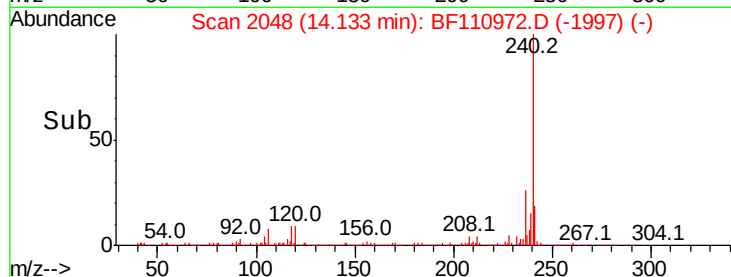
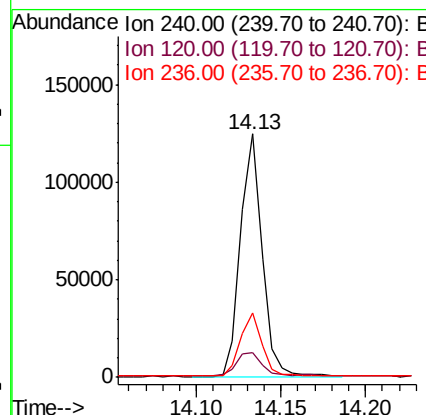
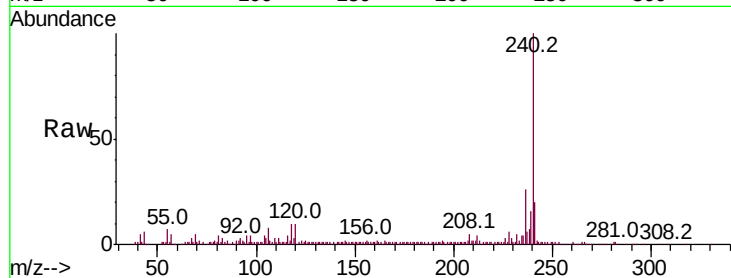
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BF110972.D
Acq: 26 Nov 2018 19:10

Instrument :
BNA_F
ClientSampled :
AOC1-06-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.3	12.5
236	26.4	21.2	31.8

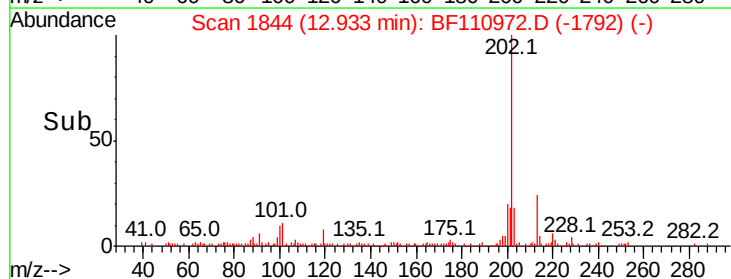
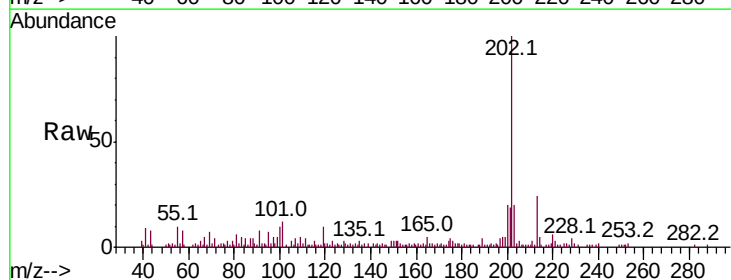
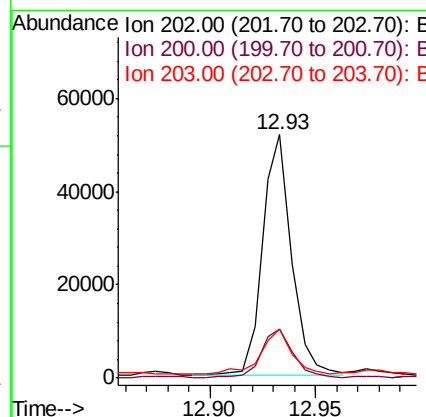
Manual Integrations
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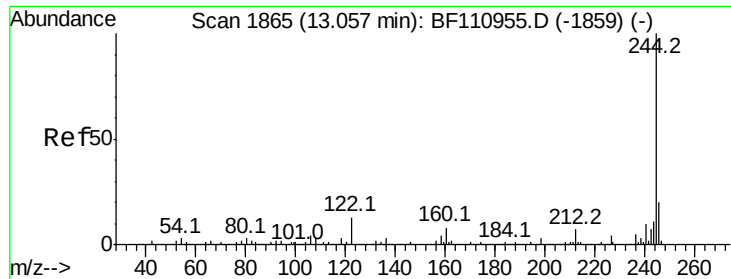
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#78
Pyrene
Concen: 6.089 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.01 min
Lab File: BF110972.D
Acq: 26 Nov 2018 19:10

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.8	26.6
203	19.9	14.2	21.4





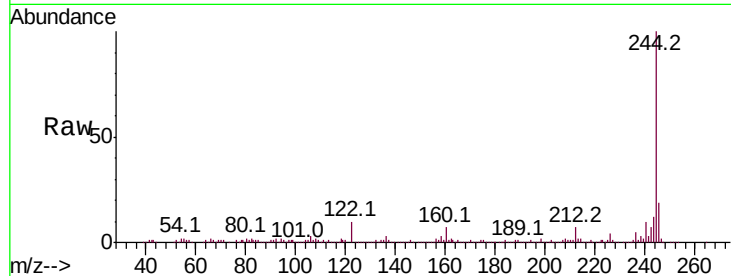
#79
 Terphenyl-d14
 Concen: 45.194 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: BF110972.D
 Acq: 26 Nov 2018 19:10

Instrument :
 BNA_F
 ClientSampleId :
 AOC1-06-A

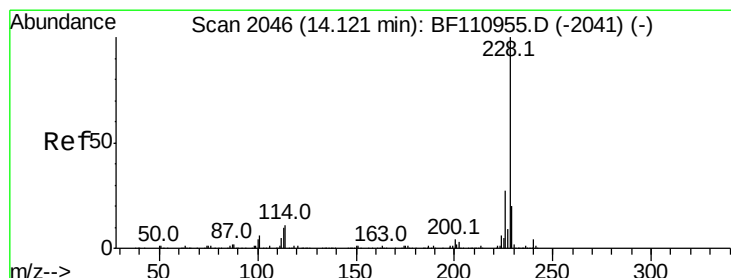
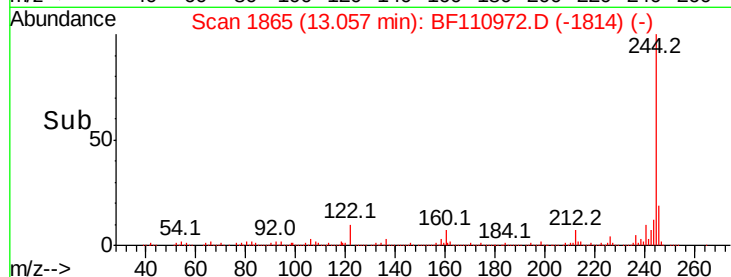
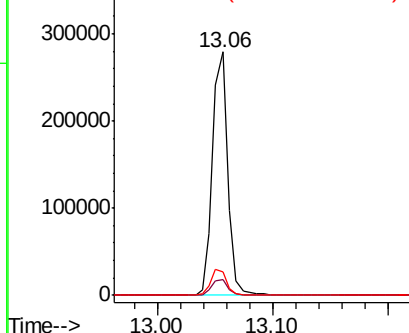
Tot Ion	Ratio	Resp	Lower	Upper
244	100	256925		
212	6.5		5.8	8.8
122	9.8		8.7	13.1

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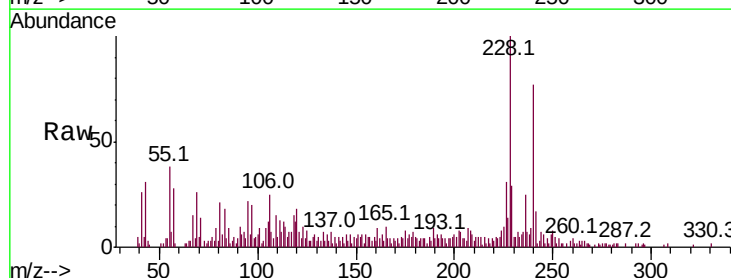


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

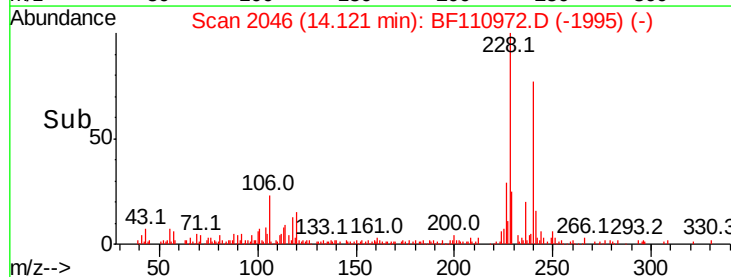
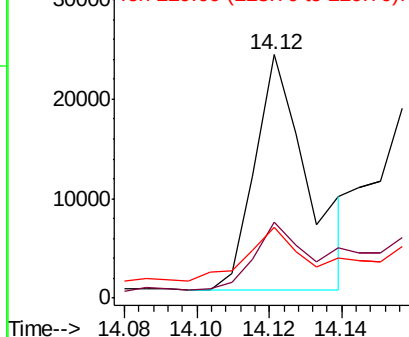


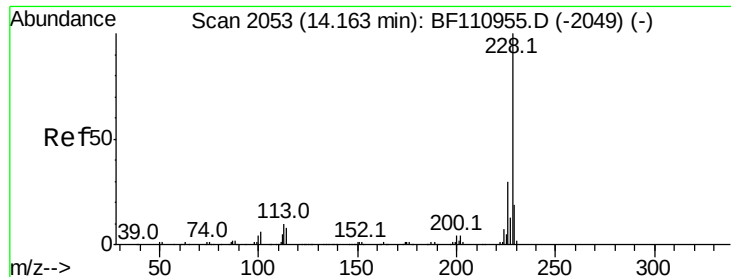
#81
 Benzo(a)anthracene
 Concen: 3.695 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. -0.00 min
 Lab File: BF110972.D
 Acq: 26 Nov 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	24141		
226	31.1		22.1	33.1
229	29.0		15.6	23.4#



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





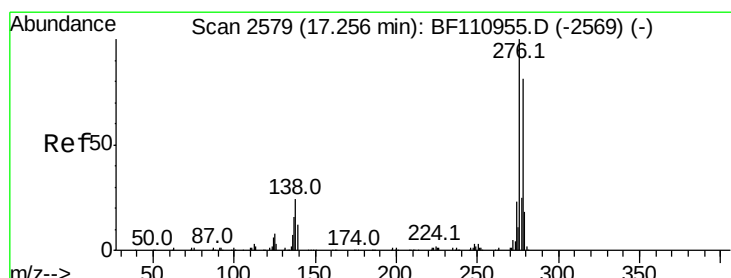
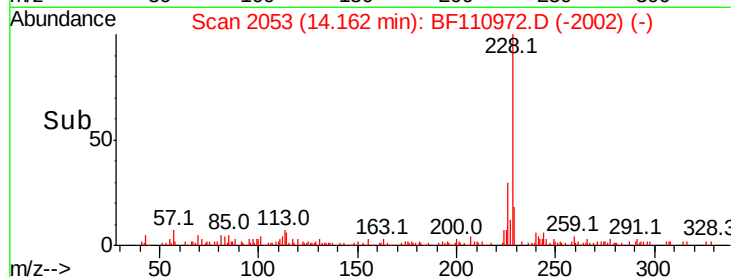
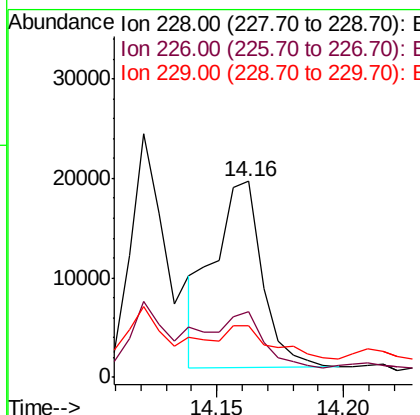
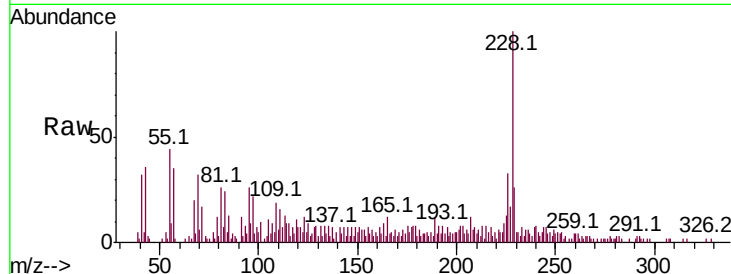
#83
Chrysene
Concen: 3.885 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BF110972.D
Acq: 26 Nov 2018 19:10

Instrument :
BNA_F
ClientSampleId :
AOC1-06-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.5	24.7	37.1
229	26.4	15.9	23.9

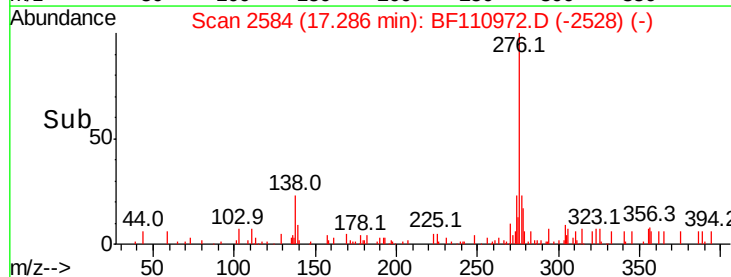
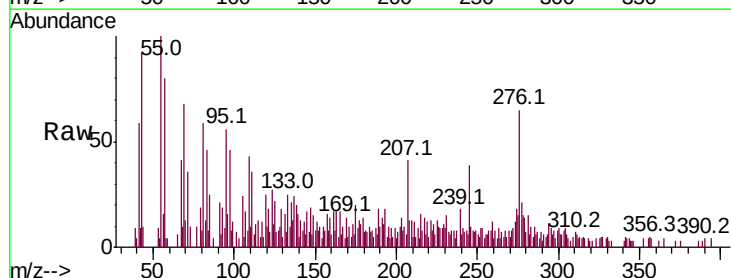
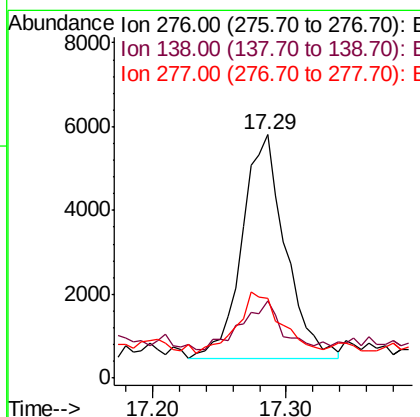
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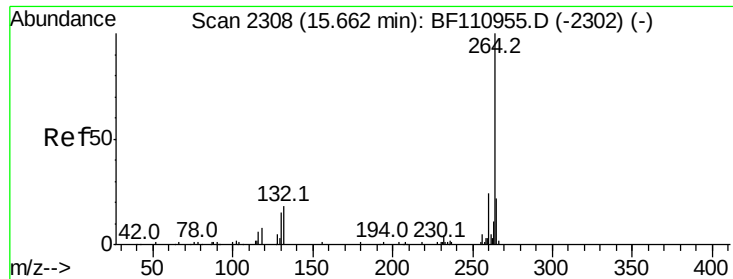
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.617 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.03 min
Lab File: BF110972.D
Acq: 26 Nov 2018 19:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.4	18.5	27.7
277	27.8	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: BF110972.D

Acq: 26 Nov 2018 19:10

Instrument :

BNA_F

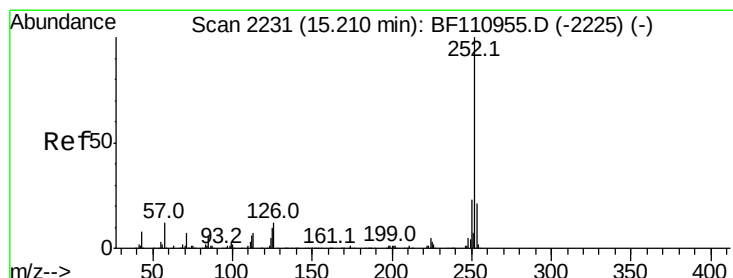
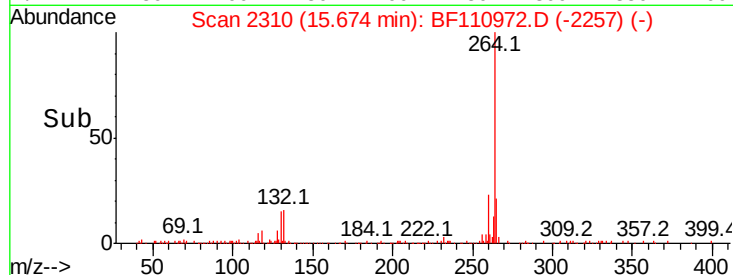
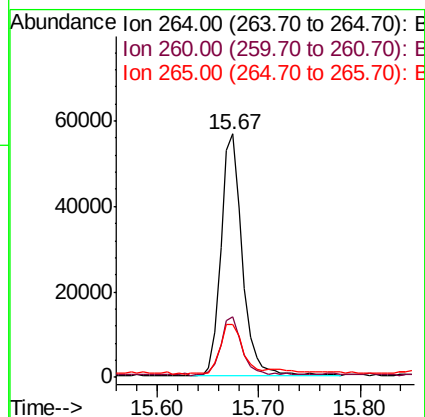
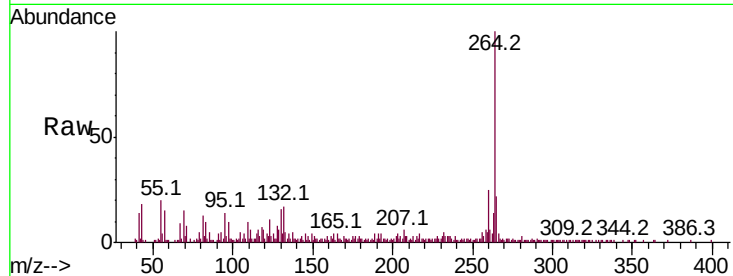
ClientSampleId :

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Tot Ion:	264	Resp:	82128
Ion Ratio	Lower	Upper	
264	100		
260	24.7	18.7	28.1
265	21.9	16.7	25.1

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#88

Benzo(b)fluoranthene

Concen: 5.493 ng m

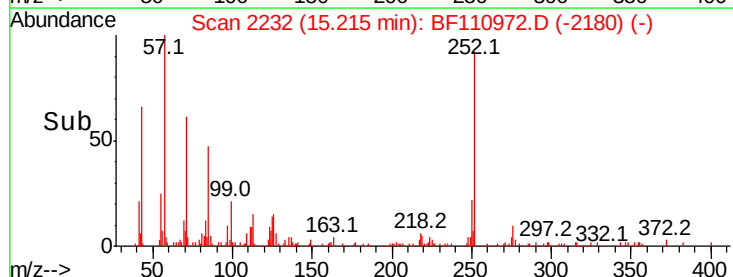
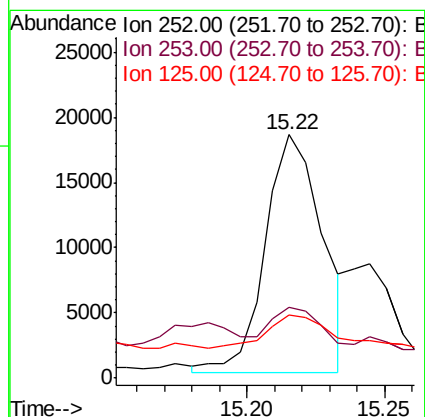
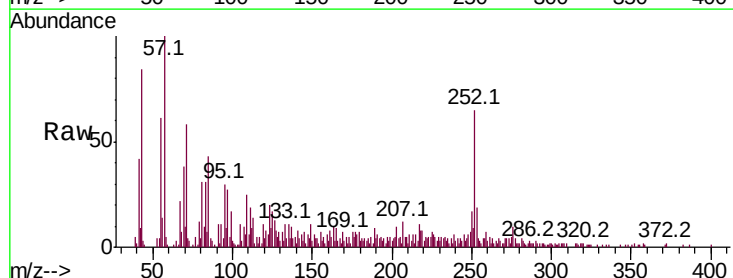
RT: 15.22 min Scan# 2232

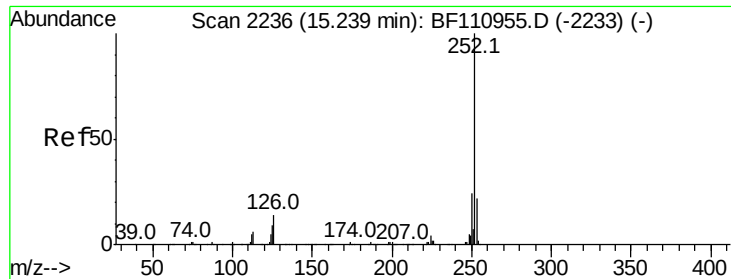
Delta R.T. 0.01 min

Lab File: BF110972.D

Acq: 26 Nov 2018 19:10

Tgt Ion:	252	Resp:	26502
Ion Ratio	Lower	Upper	
252	100		
253	29.2	17.2	25.8#
125	26.1	8.2	12.4#





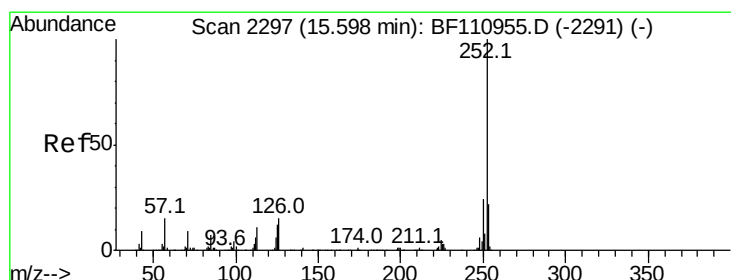
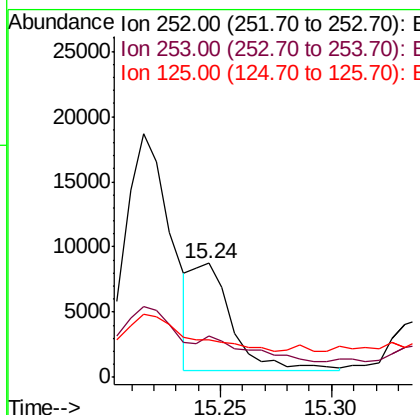
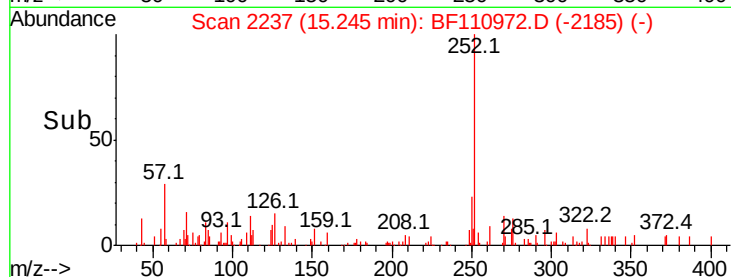
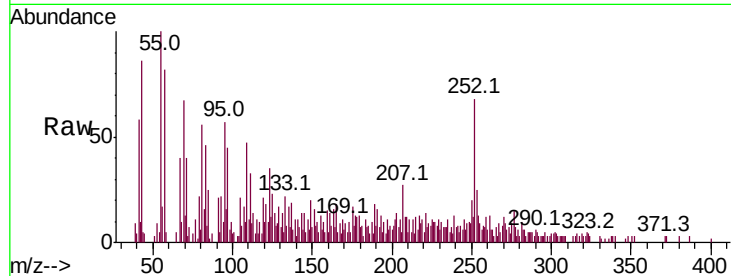
#89
Benzo(k)fluoranthene
Concen: 2.075 ng m
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF110972.D
Acq: 26 Nov 2018 19:10

Instrument :
BNA_F
ClientSampleId :
AOC1-06-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	36.7	17.2	25.8#
125	33.3	7.4	11.0#

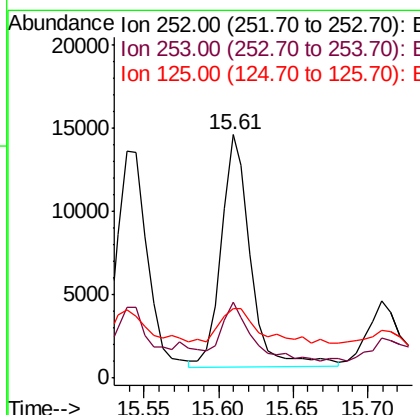
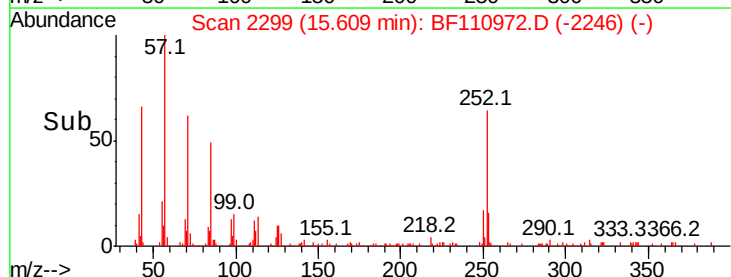
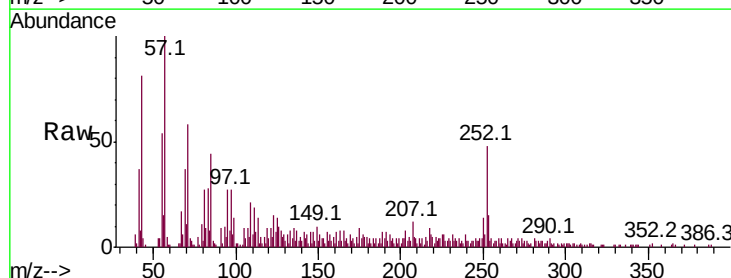
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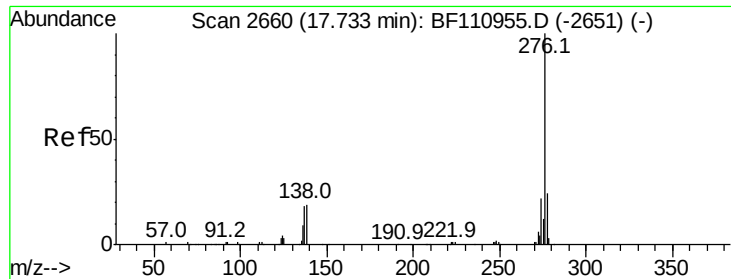
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#90
Benzo(a)pyrene
Concen: 4.275 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BF110972.D
Acq: 26 Nov 2018 19:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.4	18.2	27.4#
125	28.8	9.0	13.6#





#92
 Benzo(a,h,i)perylene
 Concen: 4.112 ng
 RT: 17.77 min Scan# 2667
 Delta R.T. 0.04 min
 Lab File: BF110972.D
 Acq: 26 Nov 2018 19:10

Instrument :
 BNA_F
 ClientSampleId :
 AOC1-06-A

Tot Ion	Ratio	Lower	Upper
276	100		
277	34.1	18.8	28.2#
138	31.6	16.0	24.0#

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