

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110973.D
 Acq On : 26 Nov 2018 19:38
 Operator : JU/SJ
 Sample : J6028-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Manual Integrations
 APPROVED

mohammad
 11/27/2018 11:47:51 AM

Quant Time: Nov 27 03:39:04 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	56217	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	206445	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	77473	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	131098	20.00	ng	0.00
76) Chrysene-d12	14.13	240	96227	20.00	ng	0.00
87) Perylene-d12	15.67	264	69213	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	351547	103.70	ng	0.00
7) Phenol-d6	6.57	99	425038	96.21	ng	0.00
23) Nitrobenzene-d5	7.50	82	264561	73.34	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	72243	93.89	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	422193	78.95	ng	0.00
79) Terphenyl-d14	13.06	244	331191	67.00	ng	0.00
Target Compounds						
10) Phenol	6.58	94	22950	4.613	ng	81
50) Dimethylphthalate	9.69	163	58430	10.284	ng	99
71) Phenanthrene	11.50	178	72388	10.426	ng	99
72) Anthracene	11.56	178	24866	3.517	ng	96
75) Fluoranthene	12.70	202	141499	19.828	ng	98
78) Pyrene	12.93	202	124507	17.715	ng	99
81) Benzo(a)anthracene	14.12	228	52727	9.281	ng	96
83) Chrysene	14.16	228	46288	8.277	ng	97
86) Indeno(1,2,3-cd)pyrene	17.27	276	19227	4.790	ng	95
88) Benzo(b)fluoranthene	15.22	252	45560m	11.205	ng	
89) Benzo(k)fluoranthene	15.24	252	16717m	3.994	ng	
90) Benzo(a)pyrene	15.61	252	31890	8.426	ng	# 90
92) Benzo(a,h,i)perylene	17.76	276	19681	6.537	ng	# 93

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

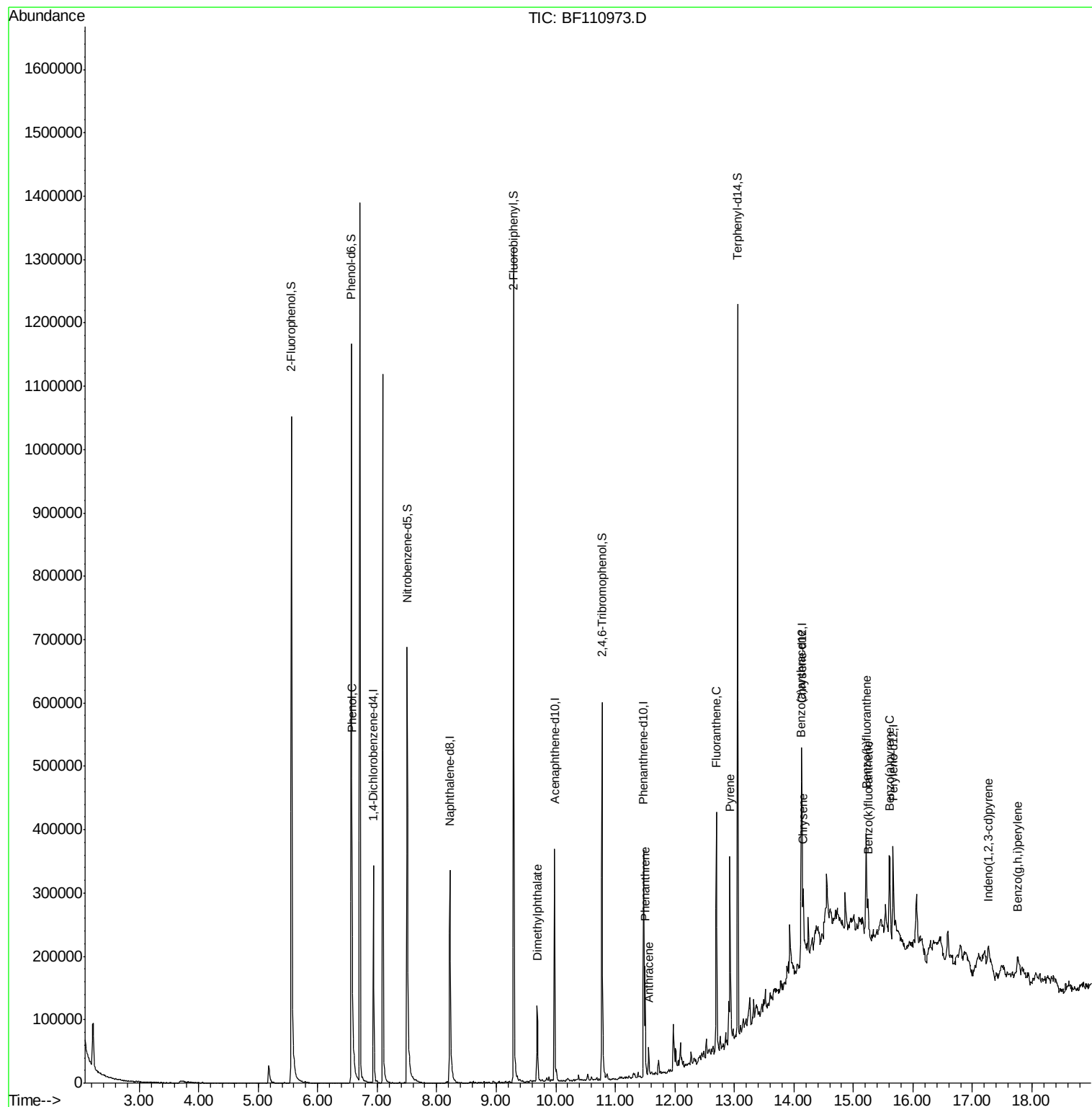
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
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ALS Vial : 14 Sample Multiplier: 1

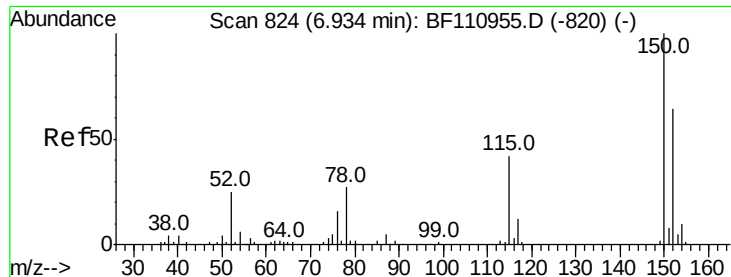
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

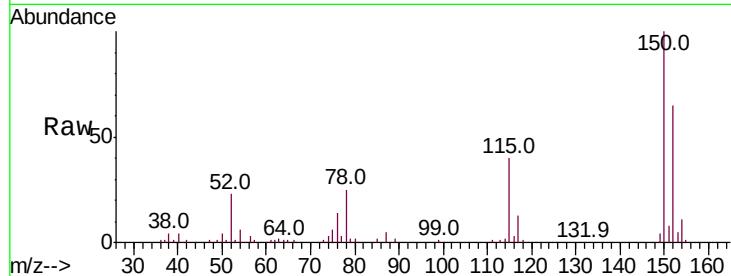
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF110973.D
Acq: 26 Nov 2018 19:38

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	122.7	184.1
115	61.4	49.1	73.7

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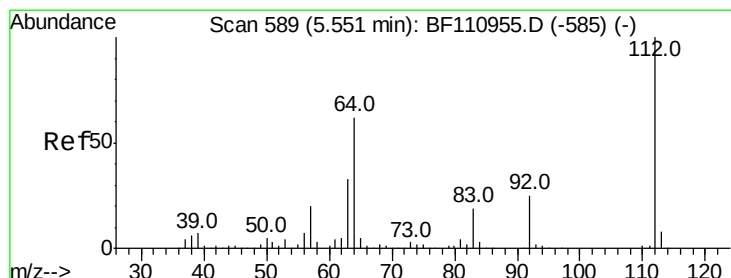
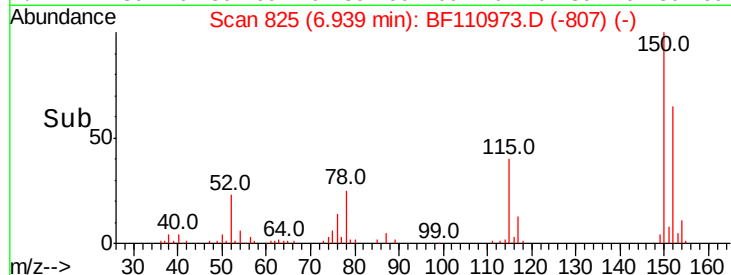
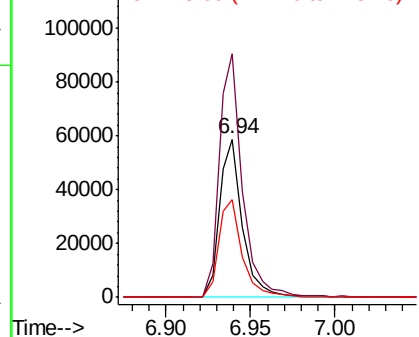


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

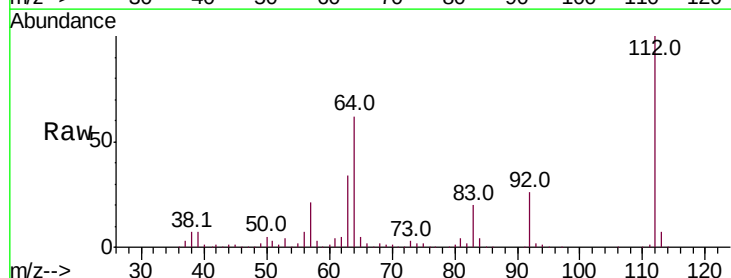
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.701 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF110973.D
Acq: 26 Nov 2018 19:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	44.1	66.1
63	33.6	23.7	35.5

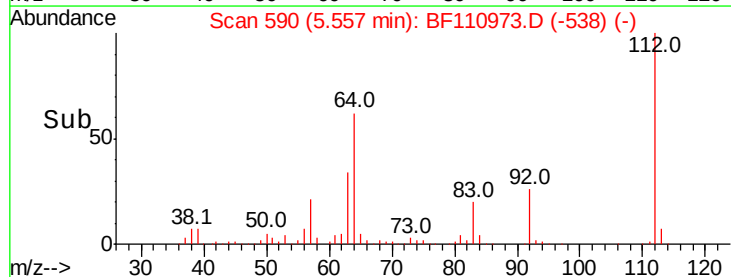
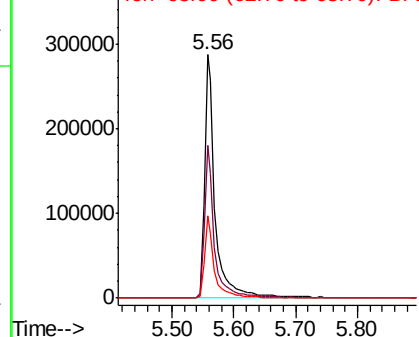


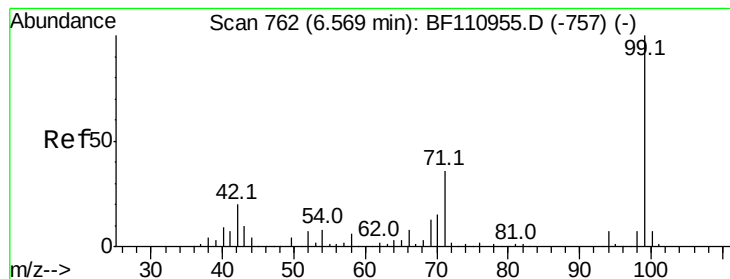
Abundance

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: 96.212 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF110973.D

Acq: 26 Nov 2018 19:38

Instrument :

BNA_F

ClientSampled :

COMP-3

Tot Ion: 99 Resp: 425038

Ion Ratio Lower Upper

99 100

42 18.7 15.8 23.6

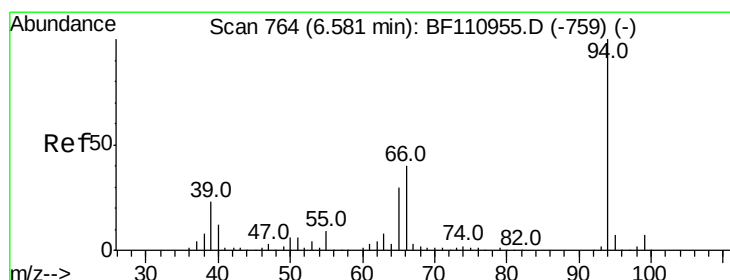
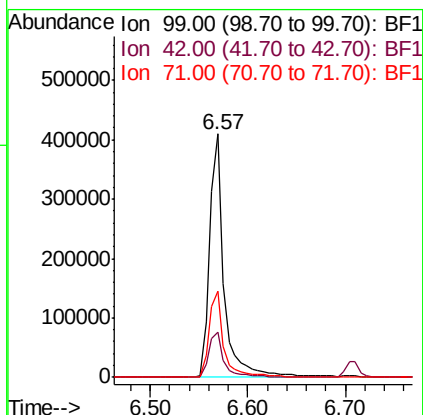
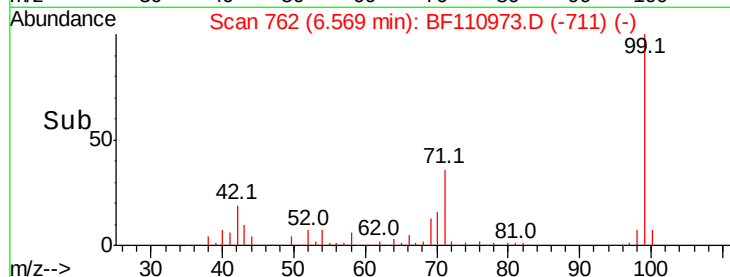
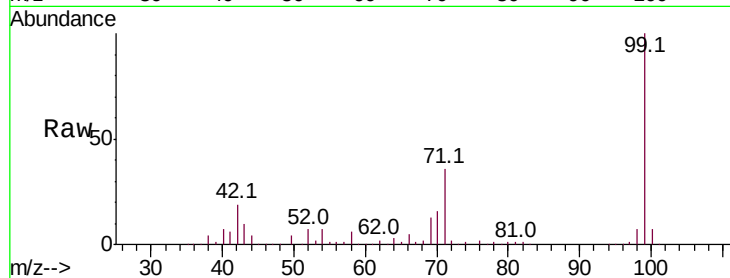
71 35.6 28.0 42.0

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#10

Phenol

Concen: 4.613 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF110973.D

Acq: 26 Nov 2018 19:38

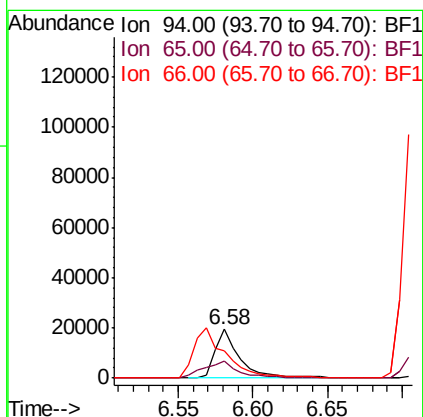
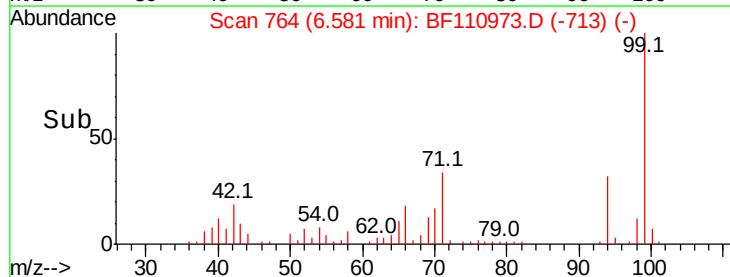
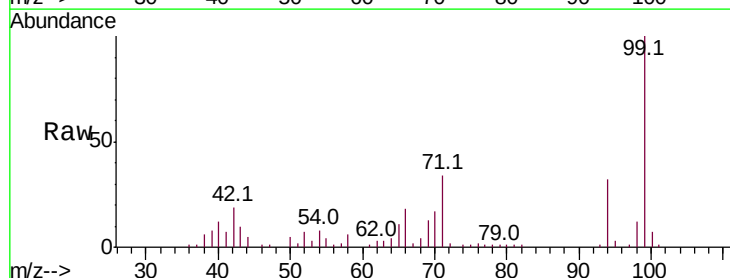
Tgt Ion: 94 Resp: 22950

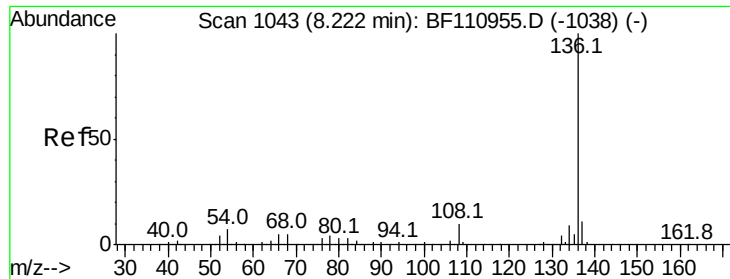
Ion Ratio Lower Upper

94 100

65 34.2 25.3 65.3

66 56.6 54.5 94.5





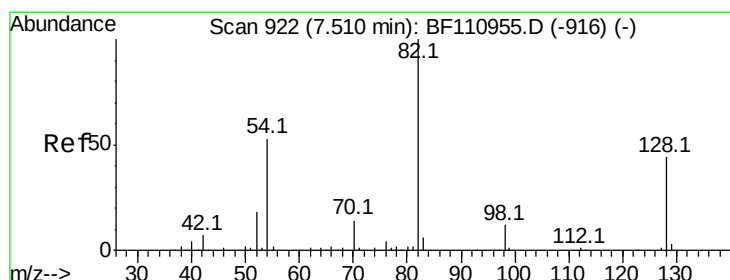
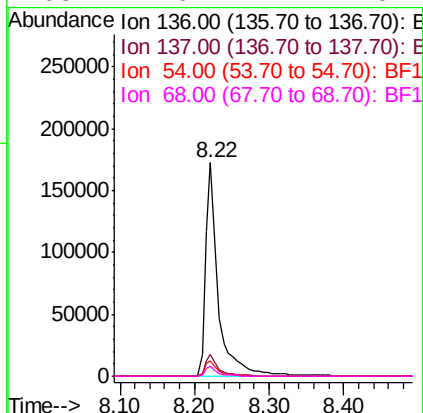
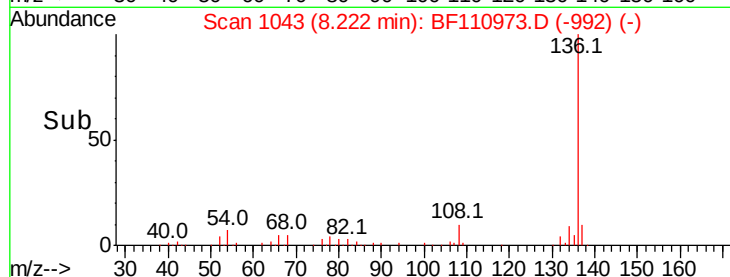
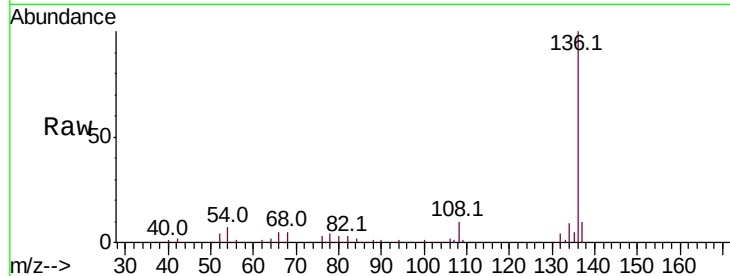
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF110973.D
Acq: 26 Nov 2018 19:38

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tot Ion	Ratio	Resp	Lower	Upper
136	100	206445		
137	10.4		8.8	13.2
54	7.2		5.4	8.2
68	4.6		4.2	6.2

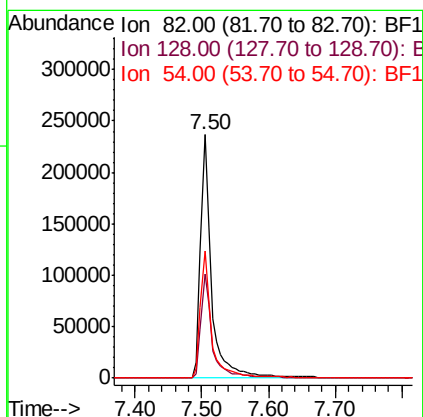
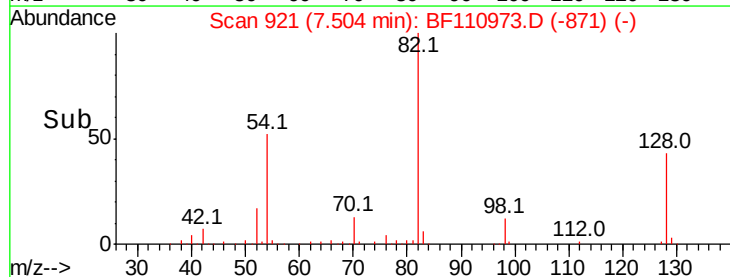
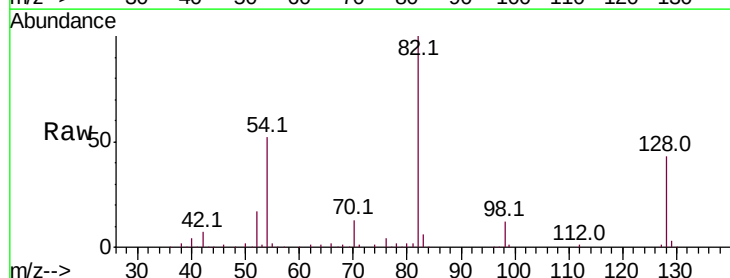
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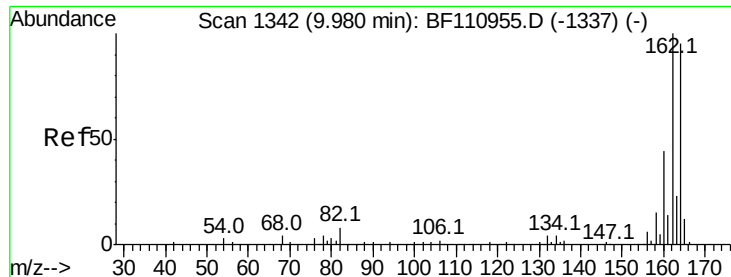
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#23
Nitrobenzene-d5
Concen: 73.342 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110973.D
Acq: 26 Nov 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	264561		
128	43.0		34.2	51.2
54	52.4		38.6	58.0





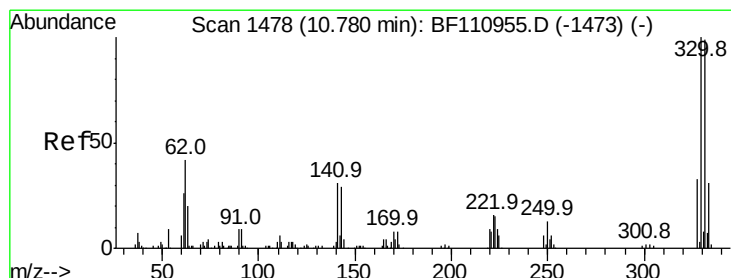
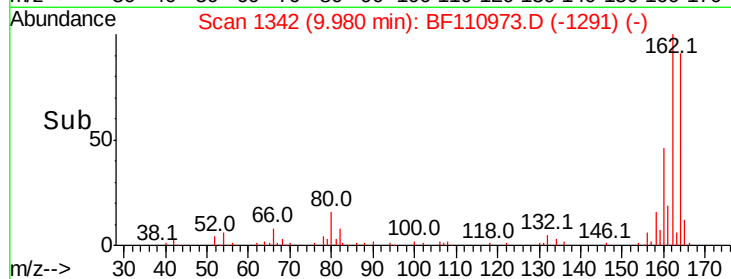
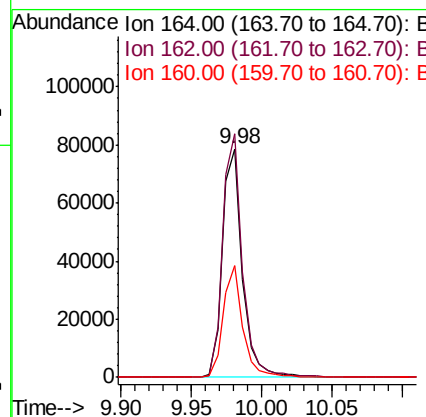
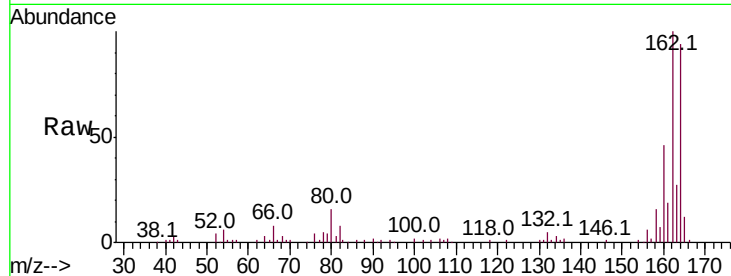
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF110973.D
Acq: 26 Nov 2018 19:38

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.4	83.0	124.6
160	49.1	37.0	55.6

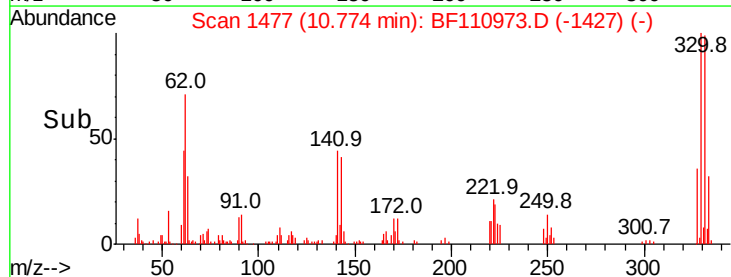
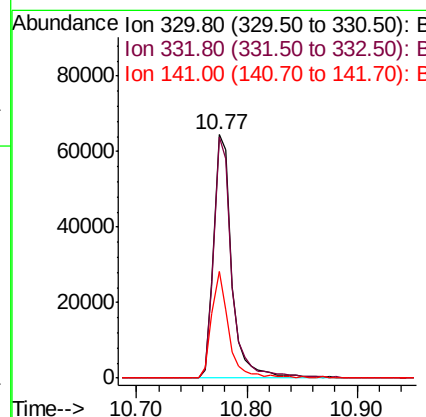
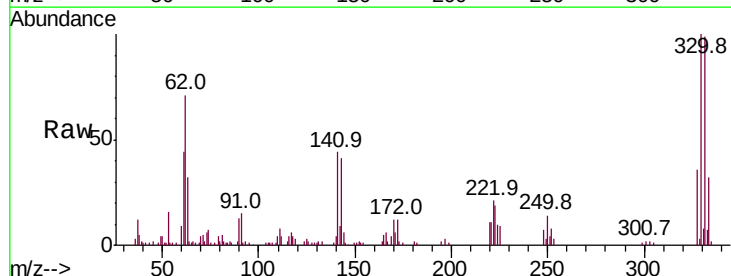
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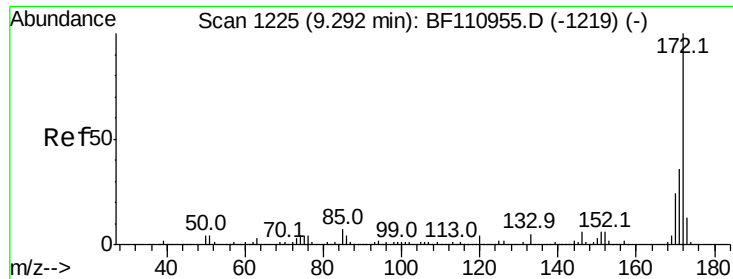
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#42
2,4,6-Tribromophenol
Concen: 93.894 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110973.D
Acq: 26 Nov 2018 19:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.1	115.7
141	40.6	27.0	40.4





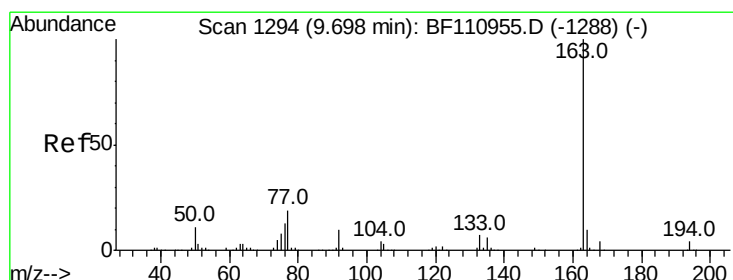
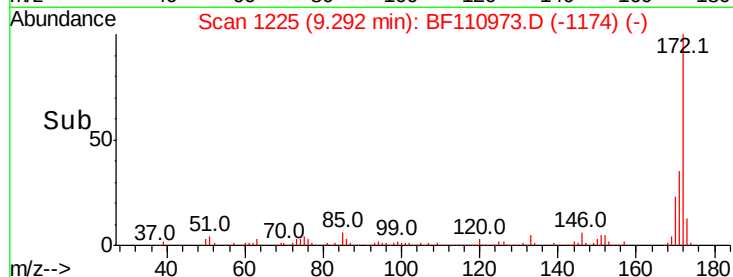
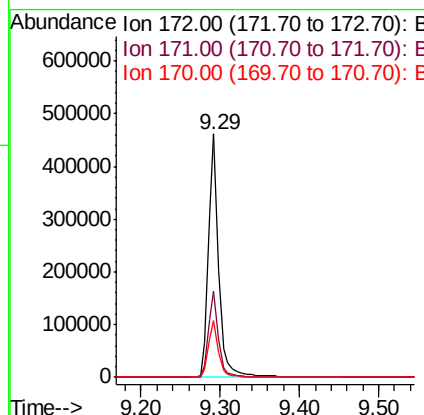
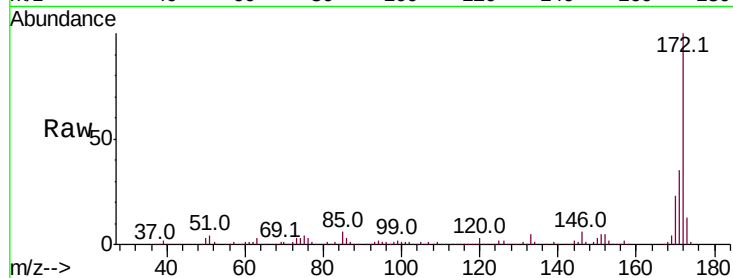
#45
2-Fluorobiphenyl
Concen: 78.952 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF110973.D
Acq: 26 Nov 2018 19:38

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.4	19.7	29.5

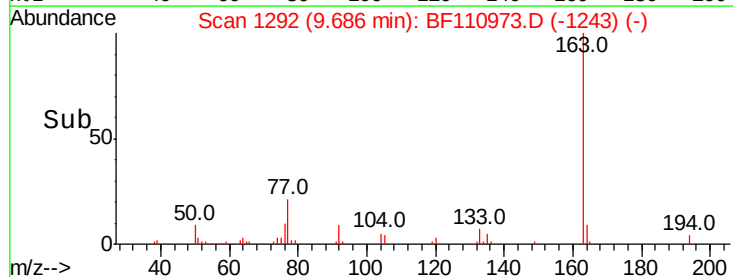
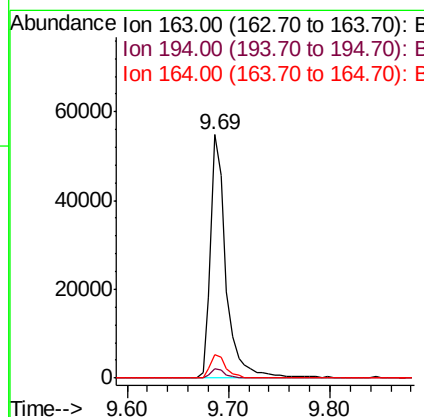
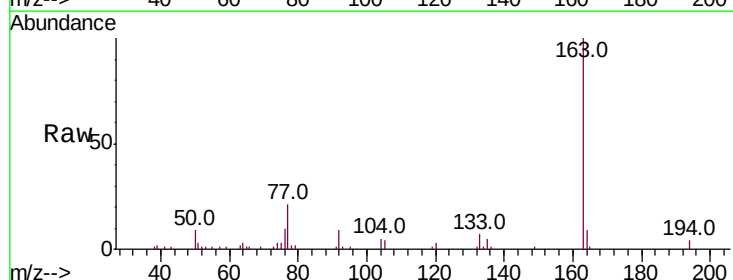
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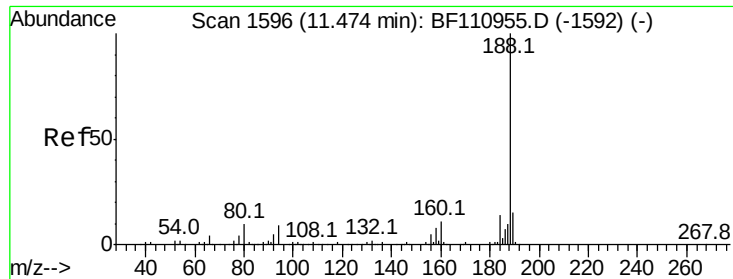
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#50
Dimethylphthalate
Concen: 10.284 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF110973.D
Acq: 26 Nov 2018 19:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.5	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: BF110973.D

Acq: 26 Nov 2018 19:38

Instrument :

BNA_F

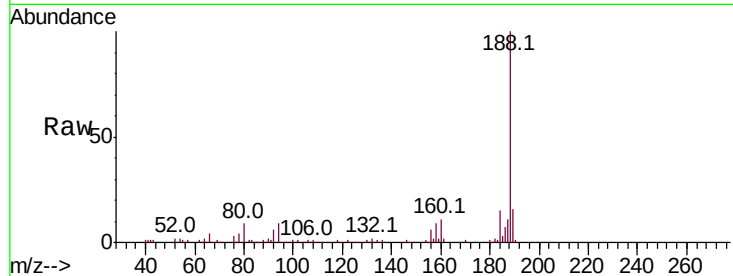
ClientSampleId :

COMP-3

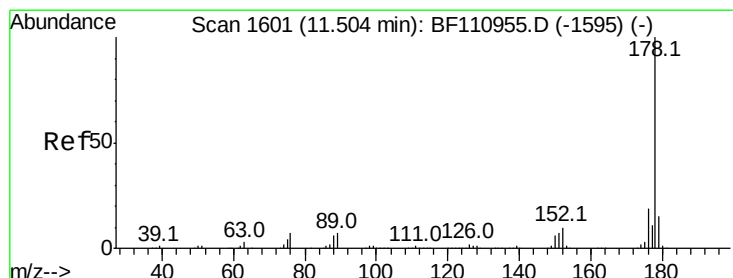
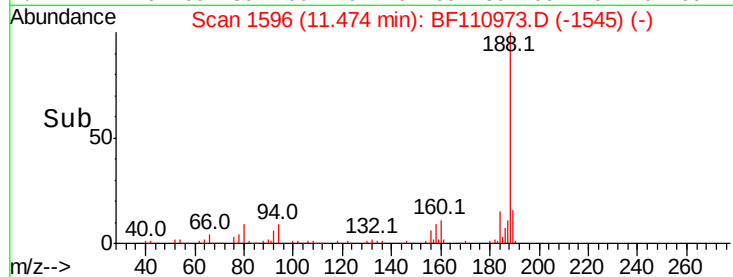
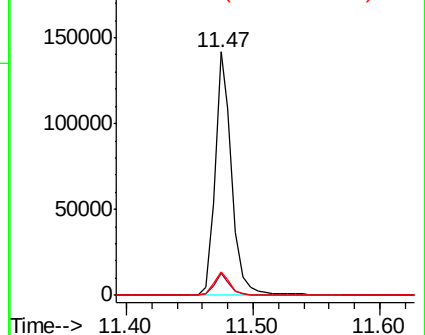
Tot Ion:	188	Resp:	131098
Ion Ratio	Lower	Upper	
188	100		
94	8.9	7.2	10.8
80	9.4	7.9	11.9

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 10.426 ng

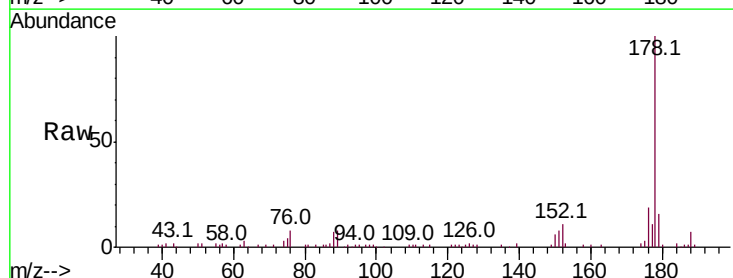
RT: 11.50 min Scan# 1600

Delta R.T. -0.01 min

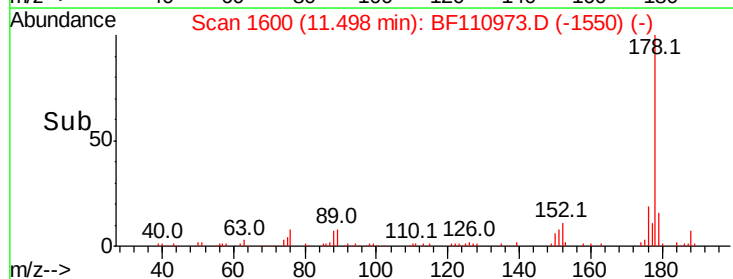
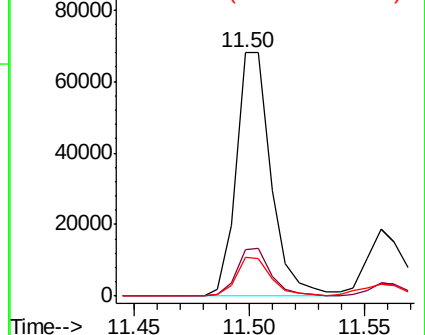
Lab File: BF110973.D

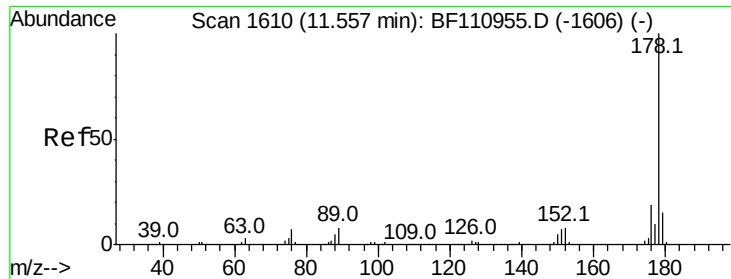
Acq: 26 Nov 2018 19:38

Tgt Ion:	178	Resp:	72388
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.5	23.3
179	16.0	12.5	18.7



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





#72

Anthracene

Concen: 3.517 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BF110973.D

Acq: 26 Nov 2018 19:38

Instrument :

BNA_F

ClientSampleId :

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Tot Ion:178 Resp: 24866

Ion Ratio Lower Upper

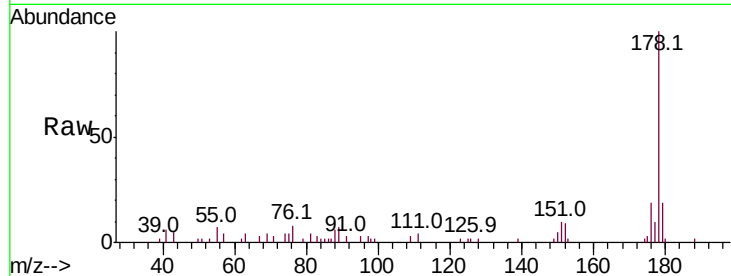
178 100

176 18.9 15.4 23.2

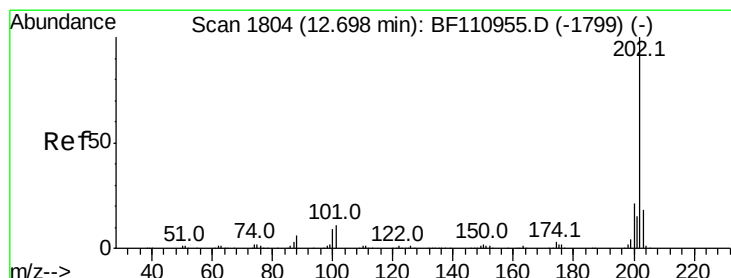
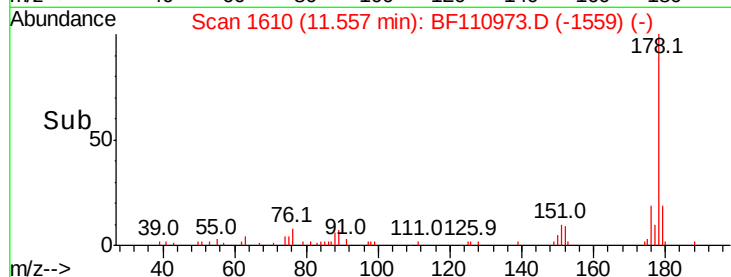
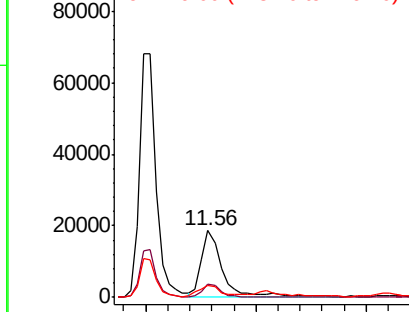
179 18.8 12.6 18.8

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



#75

Fluoranthene

Concen: 19.828 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF110973.D

Acq: 26 Nov 2018 19:38

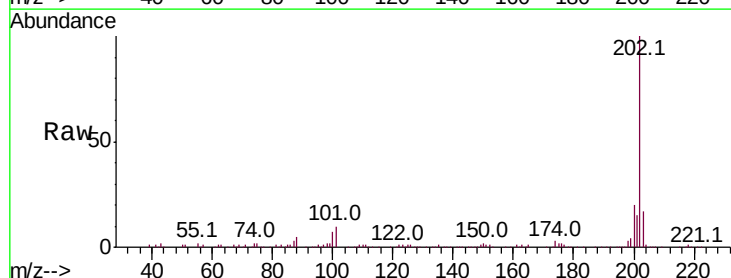
Tgt Ion:202 Resp: 141499

Ion Ratio Lower Upper

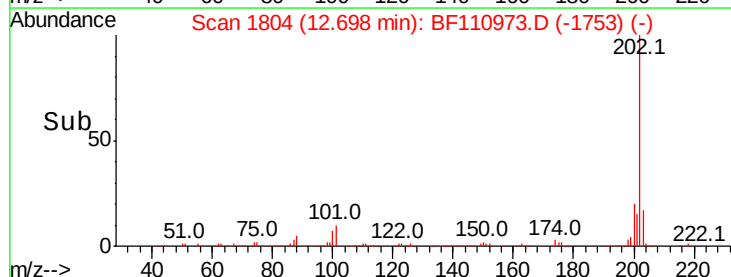
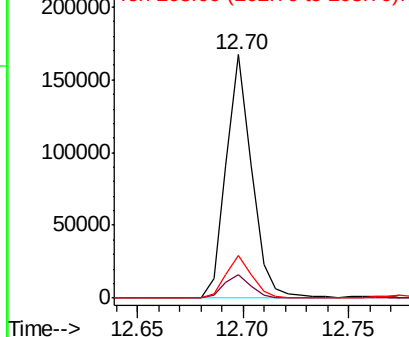
202 100

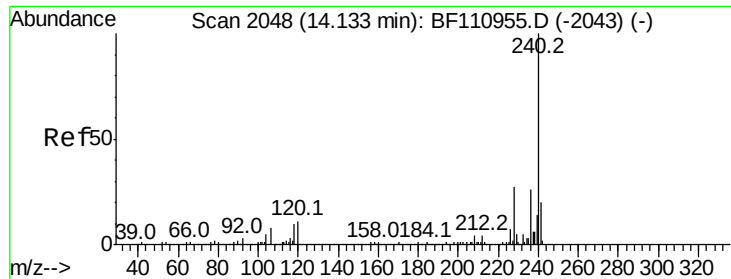
101 9.6 0.0 31.4

203 17.4 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E
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: BF110973.D

Acq: 26 Nov 2018 19:38

Instrument :

BNA_F

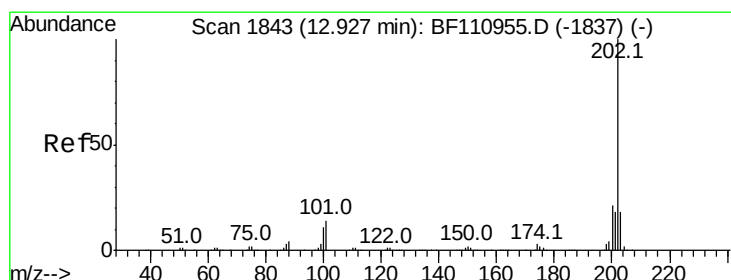
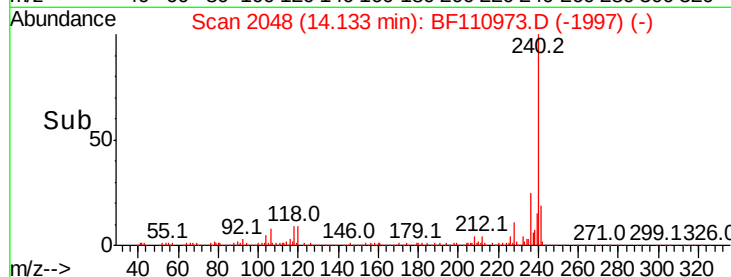
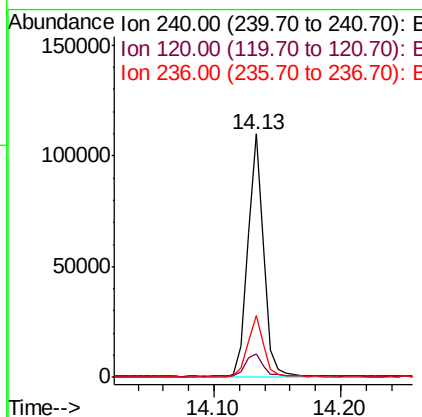
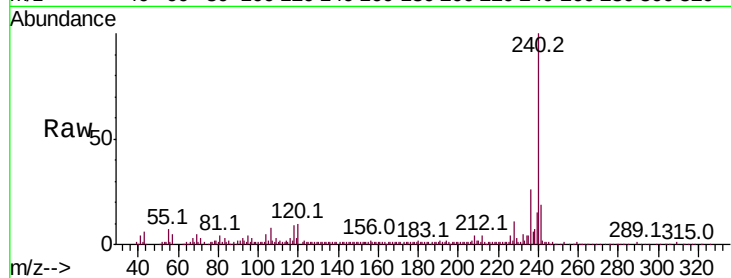
ClientSampled :

COMP-3

Tot Ion:	240	Resp:	96227
Ion Ratio	Lower	Upper	
240	100		
120	9.7	8.3	12.5
236	25.5	21.2	31.8

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#78

Pyrene

Concen: 17.715 ng

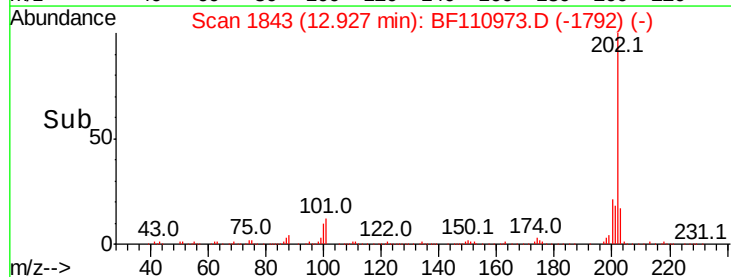
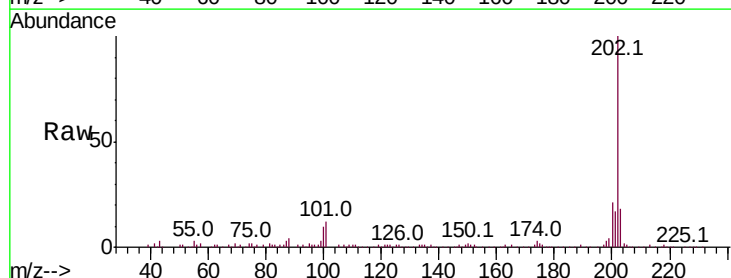
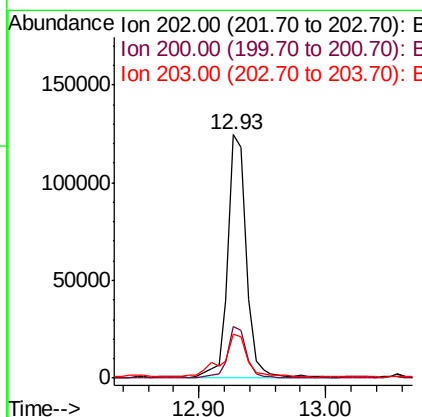
RT: 12.93 min Scan# 1843

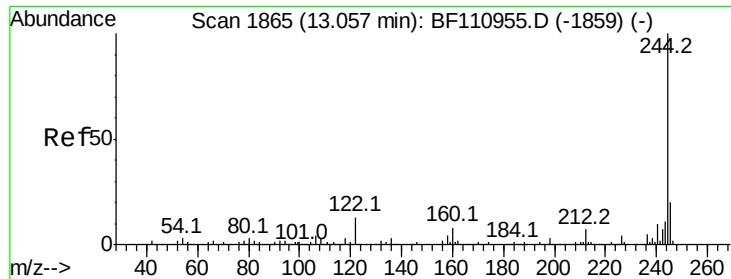
Delta R.T. -0.00 min

Lab File: BF110973.D

Acq: 26 Nov 2018 19:38

Tgt Ion:	202	Resp:	124507
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.8	26.6
203	17.8	14.2	21.4





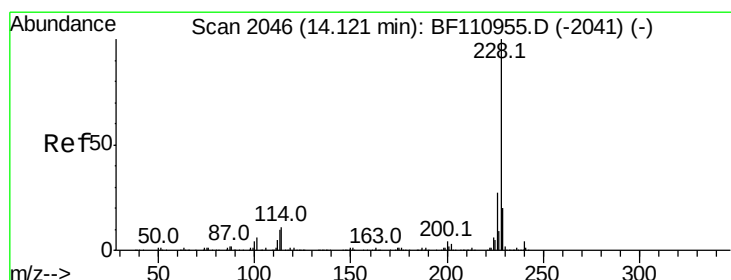
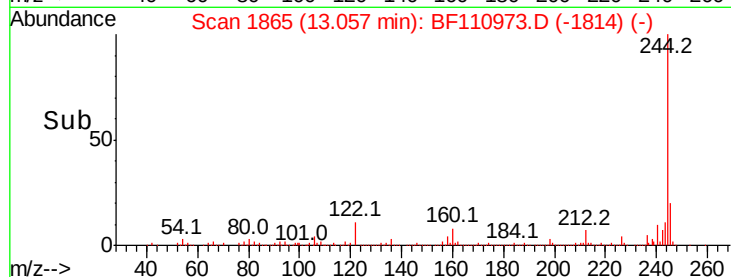
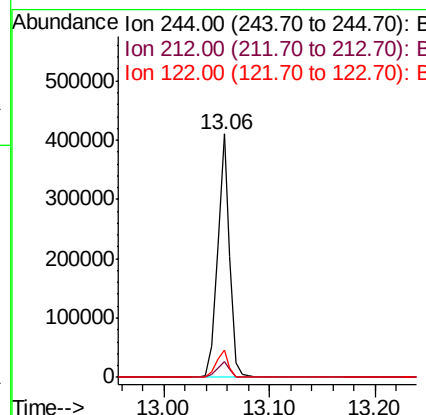
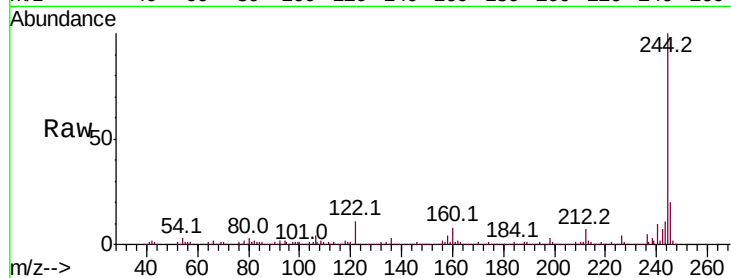
#79
 Terphenyl-d14
 Concen: 66.999 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: BF110973.D
 Acq: 26 Nov 2018 19:38

Instrument :
 BNA_F
 ClientSampled :
 COMP-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	11.2	8.7	13.1

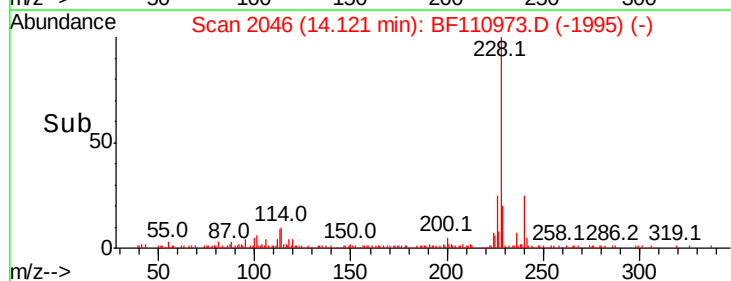
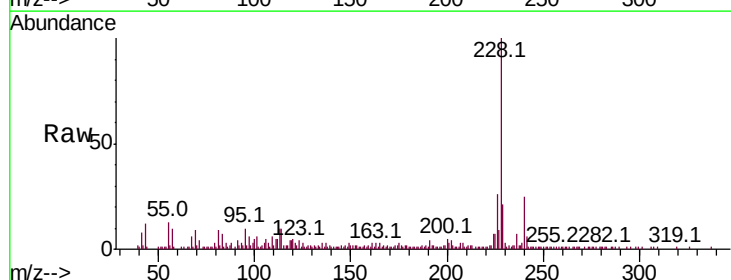
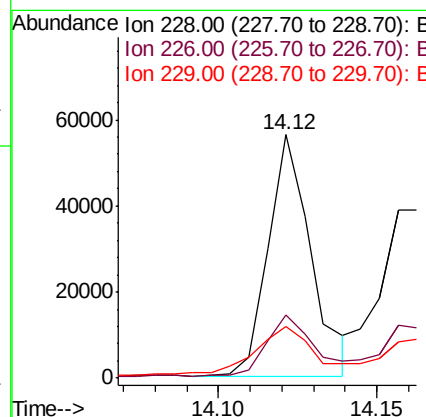
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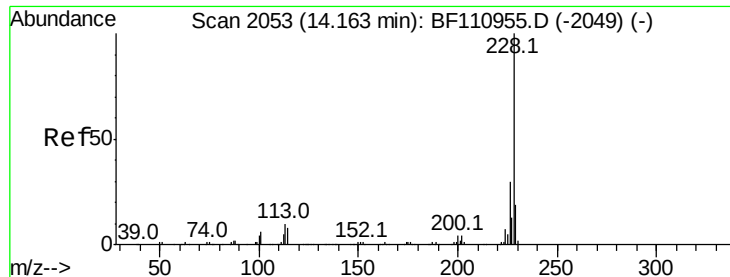
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#81
 Benzo(a)anthracene
 Concen: 9.281 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. -0.00 min
 Lab File: BF110973.D
 Acq: 26 Nov 2018 19:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.8	22.1	33.1
229	21.2	15.6	23.4





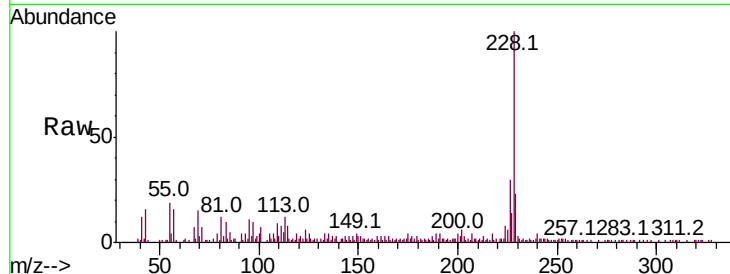
#83
Chrysene
Concen: 8.277 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BF110973.D
Acq: 26 Nov 2018 19:38

Instrument :
BNA_F
ClientSampleId :
COMP-3

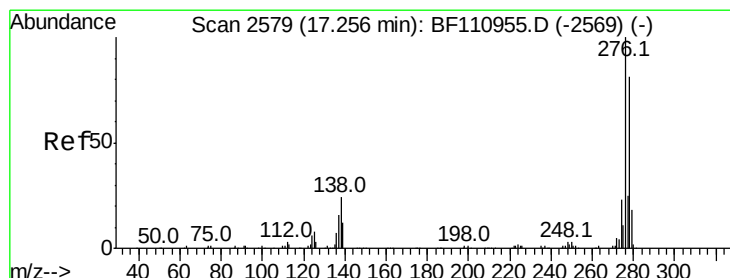
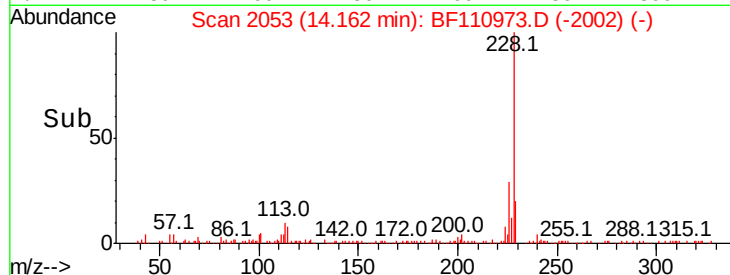
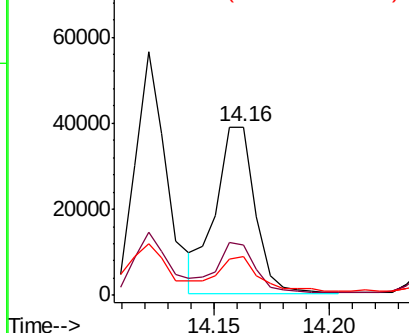
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.7	37.1
229	22.7	15.9	23.9

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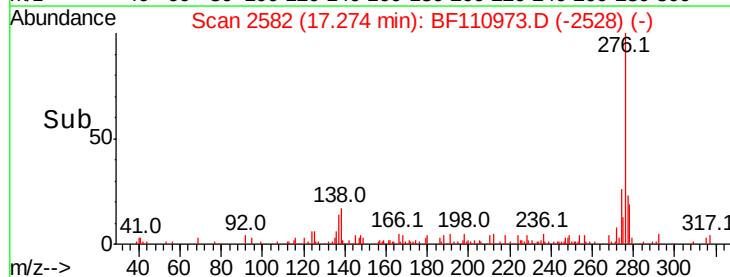
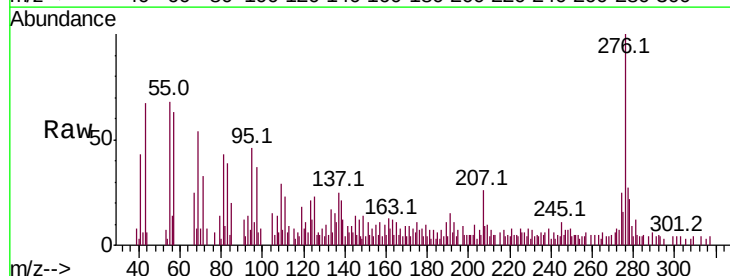
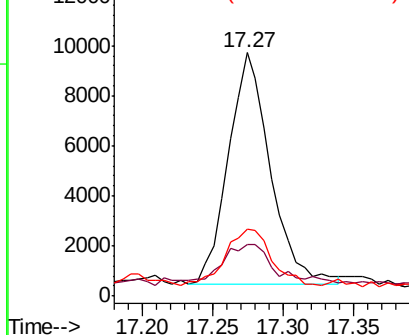
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

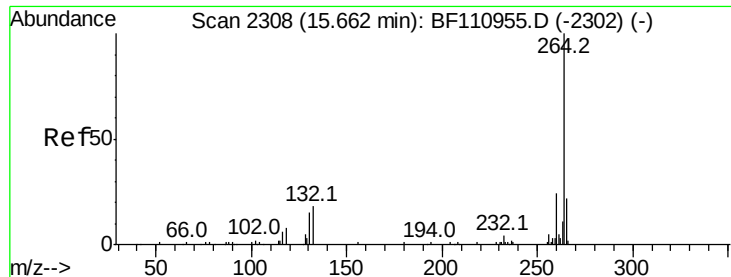


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.790 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.02 min
Lab File: BF110973.D
Acq: 26 Nov 2018 19:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.8	18.5	27.7
277	27.3	20.0	30.0

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

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110973.D

Acq: 26 Nov 2018 19:38

Instrument :

BNA_F

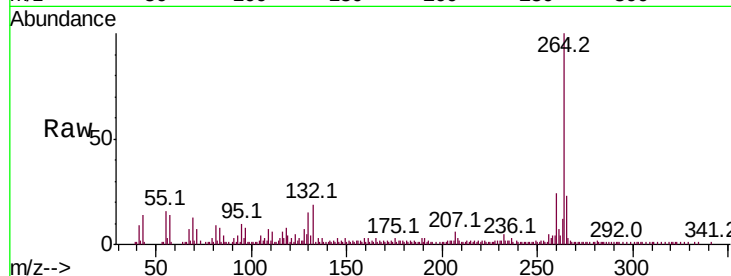
ClientSampleId :

COMP-3

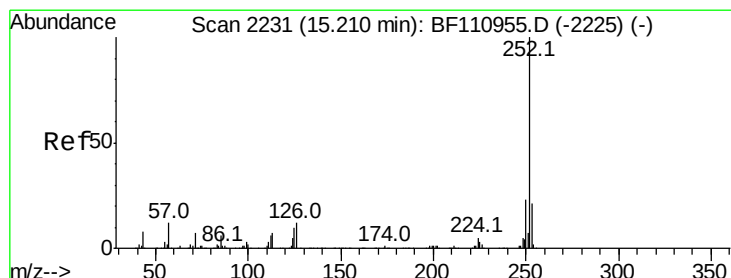
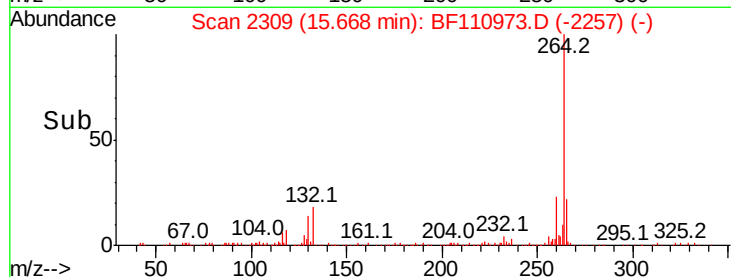
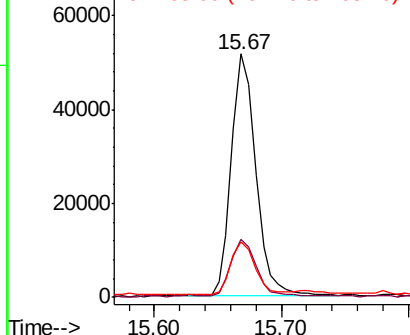
Tot Ion:	264	Resp:	69213
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.7	28.1
265	22.9	16.7	25.1

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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: 11.205 ng m

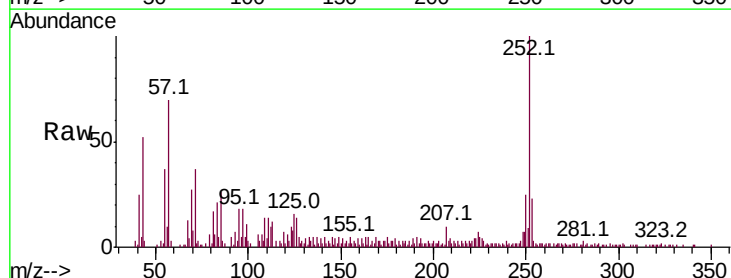
RT: 15.22 min Scan# 2232

Delta R.T. 0.01 min

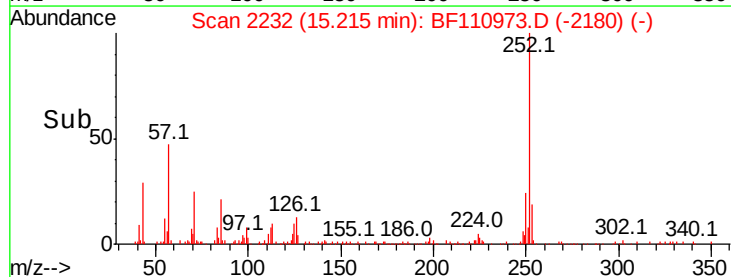
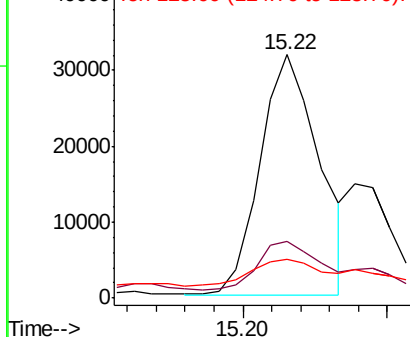
Lab File: BF110973.D

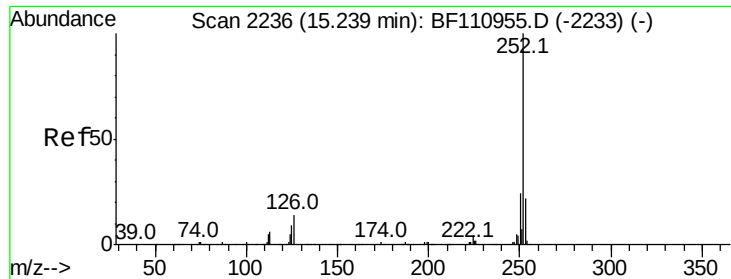
Acq: 26 Nov 2018 19:38

Tgt Ion:	252	Resp:	45560
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.2	25.8
125	15.9	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





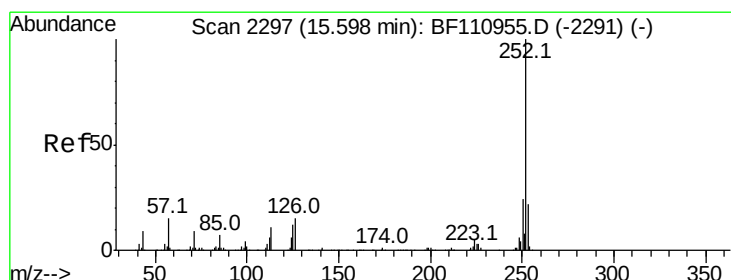
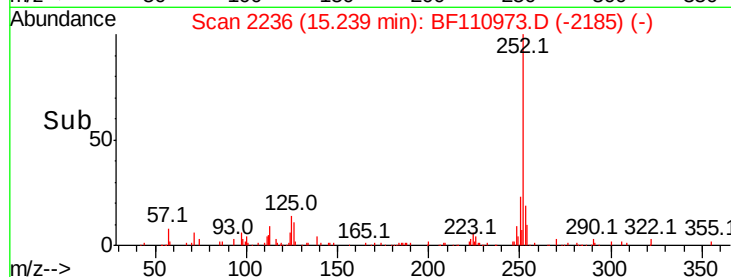
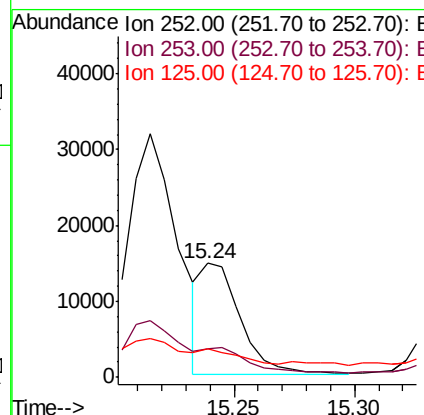
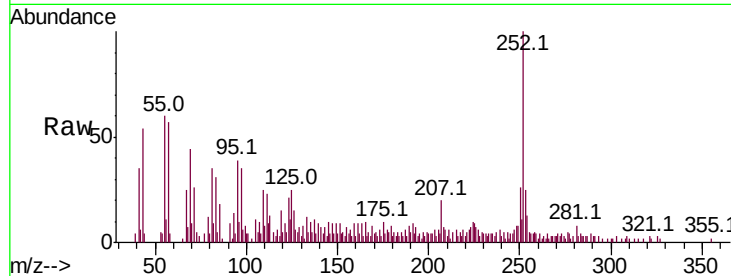
#89
Benzo(k)fluoranthene
Concen: 3.994 ng m
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF110973.D
Acq: 26 Nov 2018 19:38

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.2	25.8
125	25.2	7.4	11.0

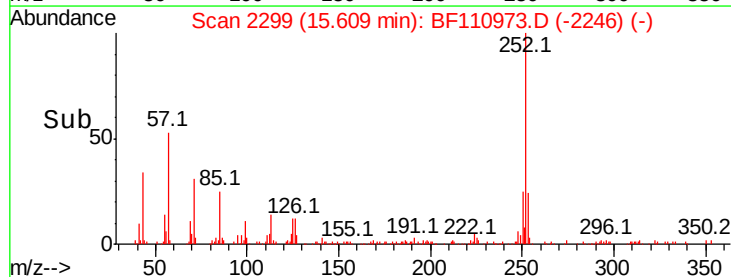
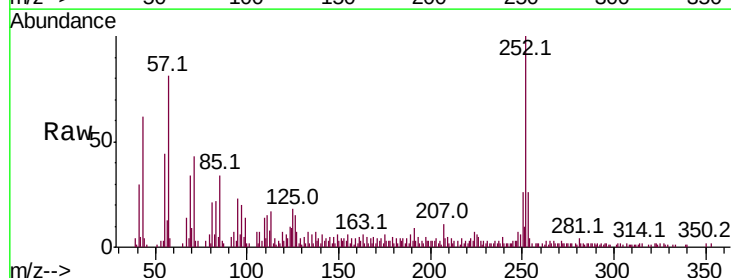
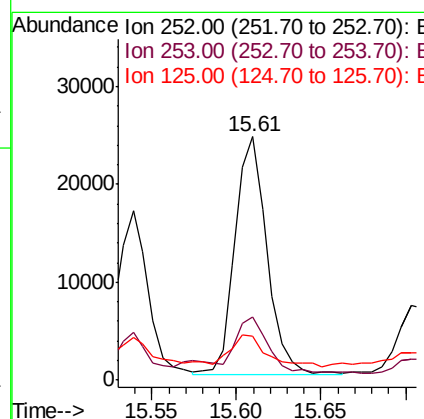
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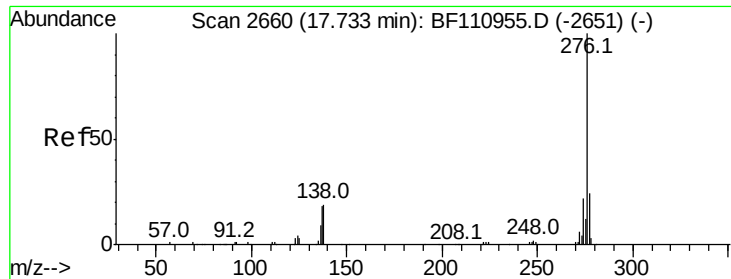
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#90
Benzo(a)pyrene
Concen: 8.426 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BF110973.D
Acq: 26 Nov 2018 19:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.2	27.4
125	17.8	9.0	13.6





#92
 Benzo(a,h,i)perylene
 Concen: 6.537 ng
 RT: 17.76 min Scan# 2665
 Delta R.T. 0.03 min
 Lab File: BF110973.D
 Acq: 26 Nov 2018 19:38

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.8	28.2
138	24.1	16.0	24.0

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