

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116254.D
 Acq On : 14 Aug 2019 2:10
 Operator : HP/JU
 Sample : K4319-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-CONTAINMENT-S

Quant Time: Aug 14 05:38:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

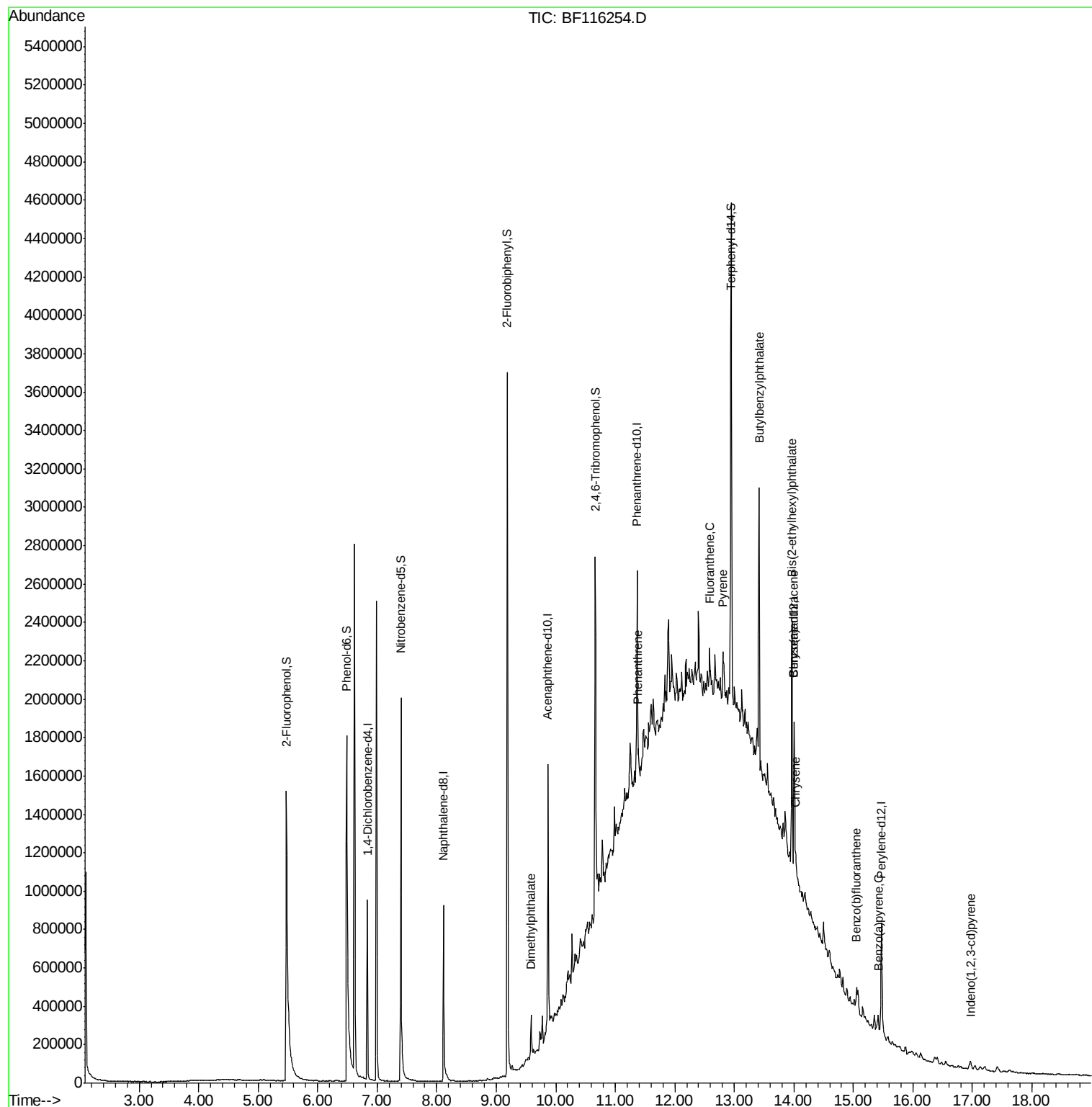
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	145110	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	561659	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	284641	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	417514	20.00	ng	0.00
76) Chrysene-d12	14.01	240	294977	20.00	ng	0.00
87) Perylene-d12	15.47	264	329606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	914200	105.47	ng	0.00
7) Phenol-d6	6.49	99	1227970	112.28	ng	0.00
23) Nitrobenzene-d5	7.40	82	762841	78.40	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	325244	117.86	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1297506	85.38	ng	-0.02
79) Terphenyl-d14	12.94	244	1124828	80.35	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	115281	5.948	ng	99
71) Phenanthrene	11.39	178	50445	2.363	ng	# 82
75) Fluoranthene	12.58	202	94682	4.237	ng	91
78) Pyrene	12.81	202	90224	4.058	ng	# 93
80) Butylbenzylphthalate	13.42	149	418677	44.512	ng	99
81) Benzo(a)anthracene	14.00	228	52493	2.784	ng	# 95
83) Chrysene	14.03	228	52380	2.862	ng	97
84) Bis(2-ethylhexyl)phthalate	13.97	149	388213	31.761	ng	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	32271	2.099	ng	# 94
88) Benzo(b)fluoranthene	15.05	252	70274m	3.687	ng	
90) Benzo(a)pyrene	15.42	252	44327	2.602	ng	# 90

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

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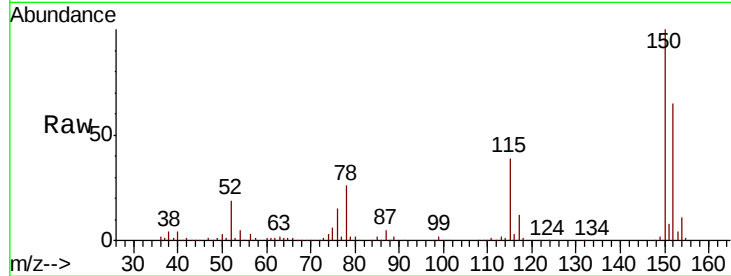


#1

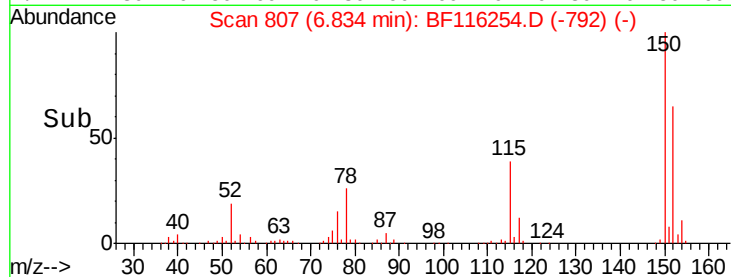
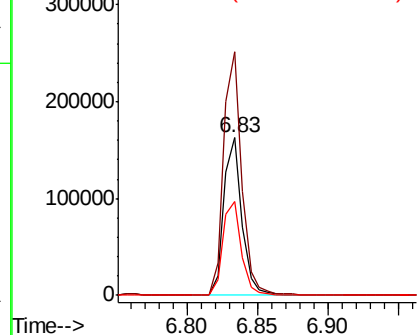
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116254.D
 Acq: 14 Aug 2019 2:10

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-CONTAINMENT-S

Tot Ion:152 Resp: 145110
 Ion Ratio Lower Upper
 152 100
 150 154.7 126.2 189.2
 115 59.6 49.9 74.9



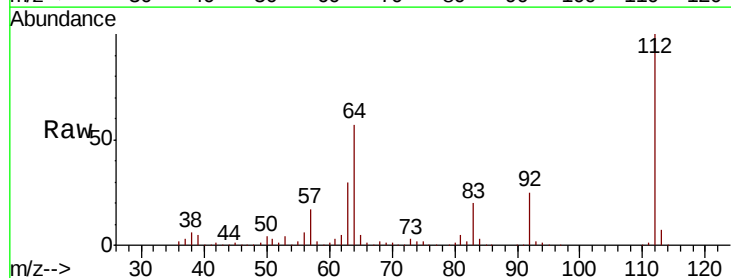
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



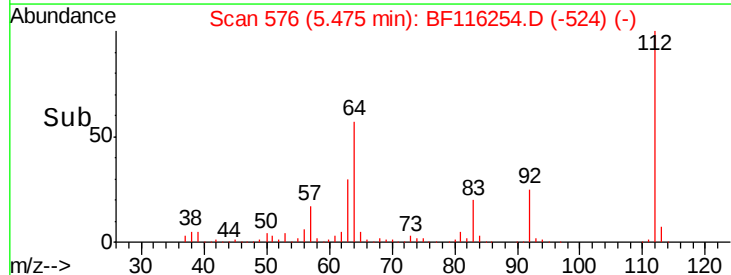
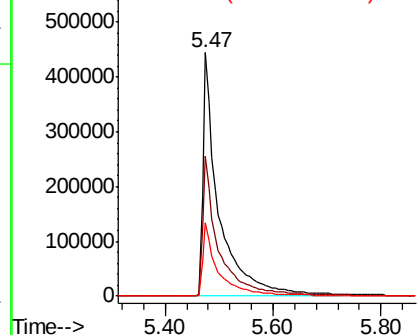
#5

2-Fluorophenol
 Concen: 105.467 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF116254.D
 Acq: 14 Aug 2019 2:10

Tgt Ion:112 Resp: 914200
 Ion Ratio Lower Upper
 112 100
 64 57.4 45.4 68.2
 63 30.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 112.283 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF116254.D

Acq: 14 Aug 2019 2:10

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-CONTAINMENT-S

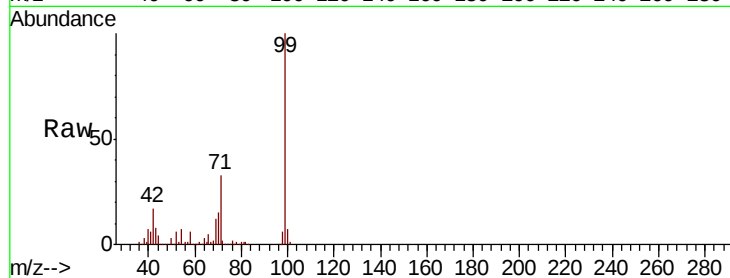
Tot Ion: 99 Resp: 1227970

Ion Ratio Lower Upper

99 100

42 16.7 13.8 20.8

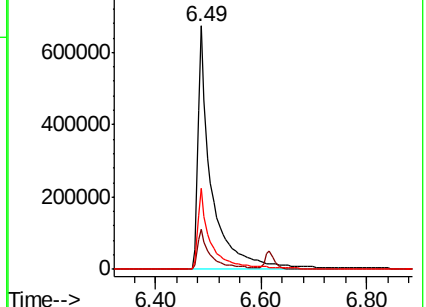
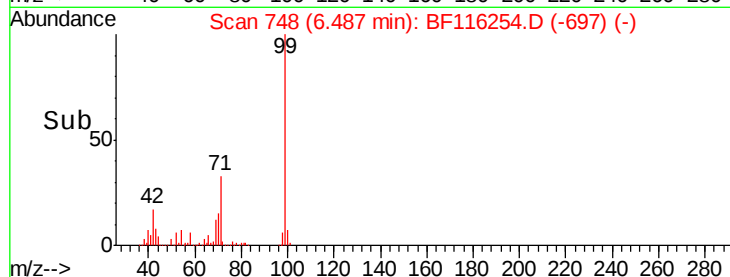
71 33.2 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116254.D

Acq: 14 Aug 2019 2:10

Tgt Ion: 136 Resp: 561659

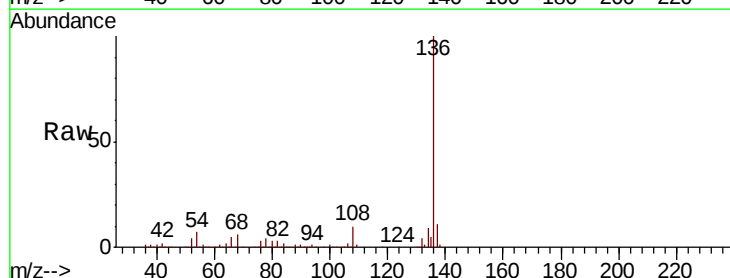
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.6 5.8 8.6

68 5.9 5.2 7.8

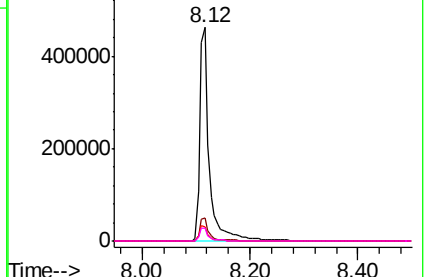
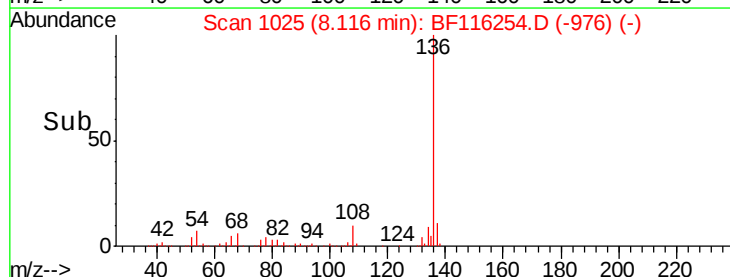


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

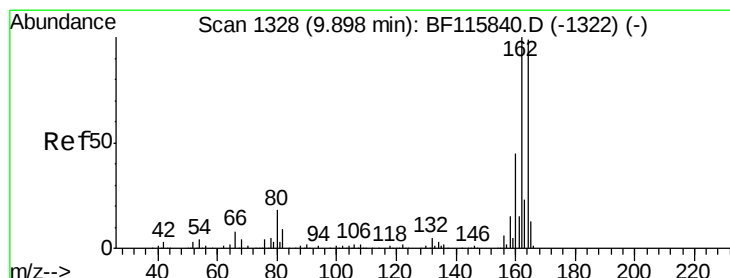
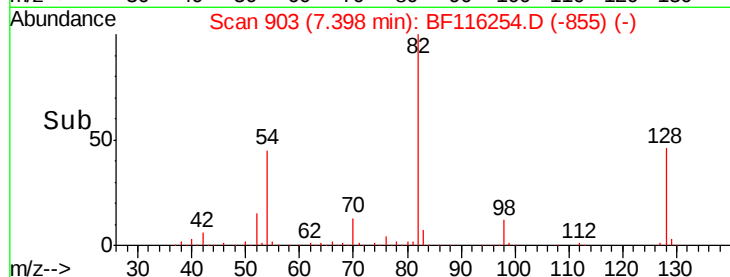
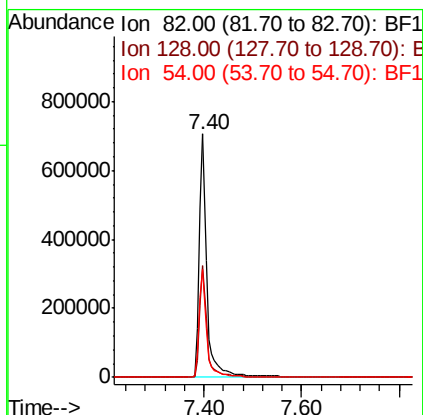
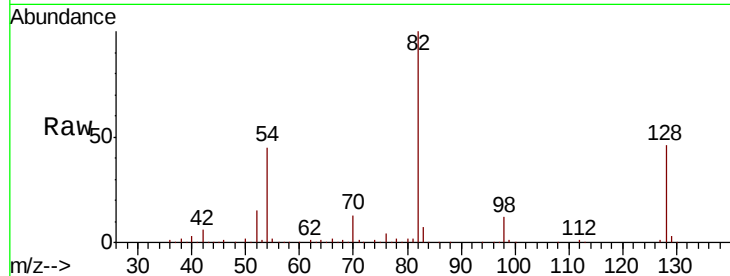




#23
Nitrobenzene-d5
Concen: 78.399 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

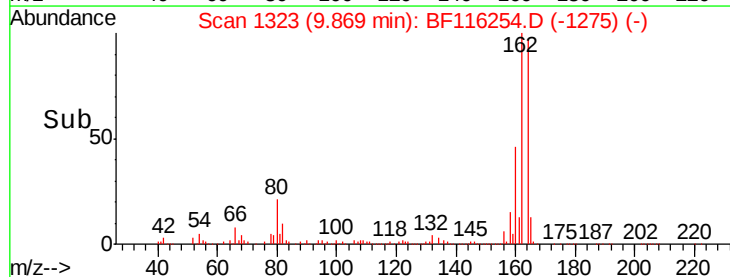
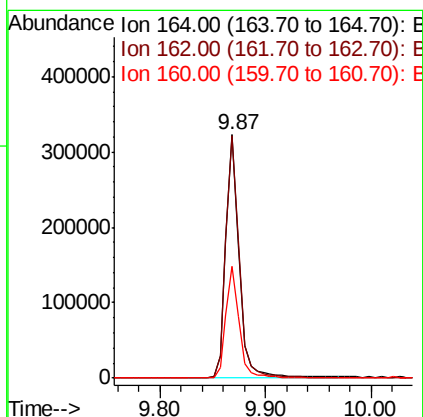
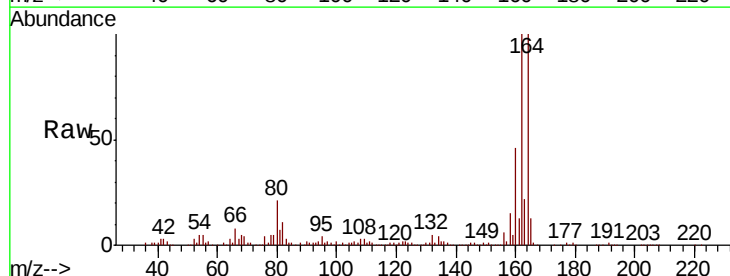
Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-CONTAINMENT-S

Tot Ion: 82 Resp: 762841
Ion Ratio Lower Upper
82 100
128 45.8 36.5 54.7
54 44.6 36.0 54.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Tgt Ion:164 Resp: 284641
Ion Ratio Lower Upper
164 100
162 99.6 82.6 124.0
160 46.0 37.6 56.4

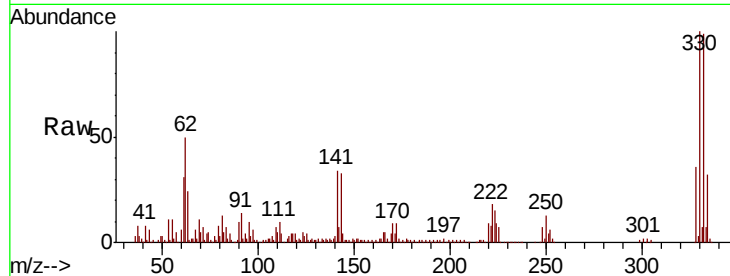




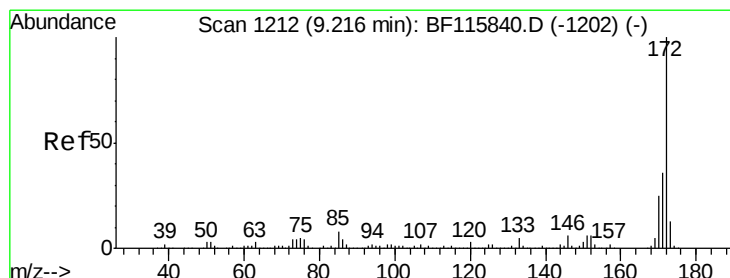
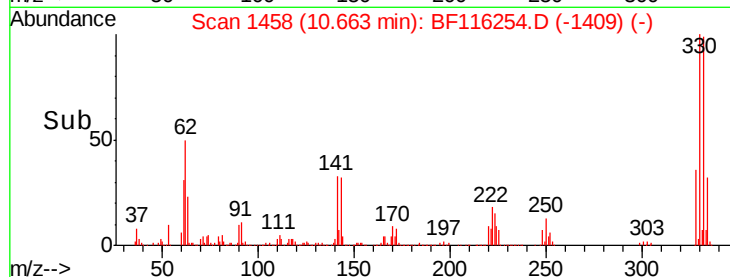
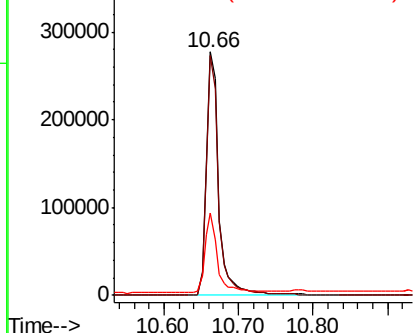
#42
 2,4,6-Tribromophenol
 Concen: 117.856 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116254.D
 Acq: 14 Aug 2019 2:10

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-CONTAINMENT-S

Tot Ion:330 Resp: 325244
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.8 115.2
 141 32.7 26.3 39.5

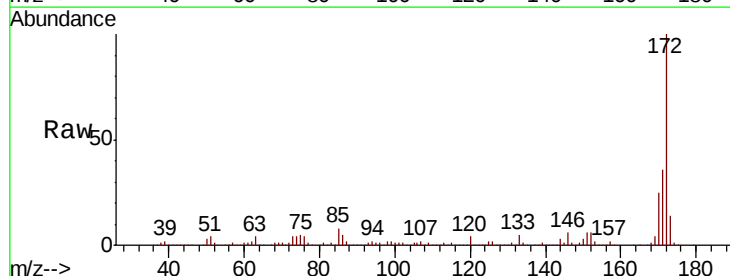


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

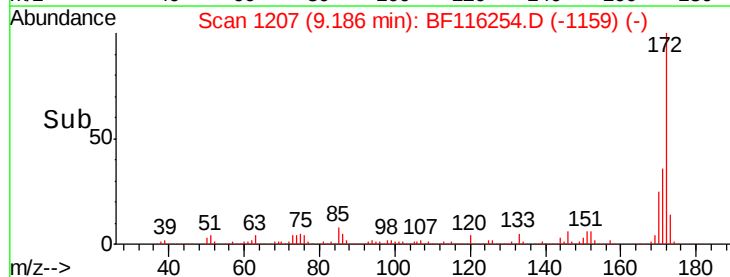
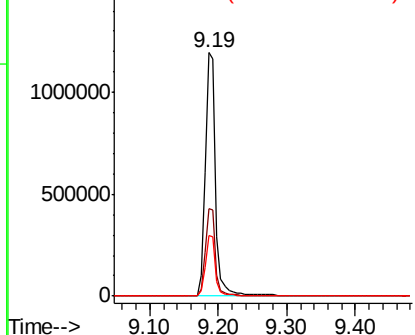


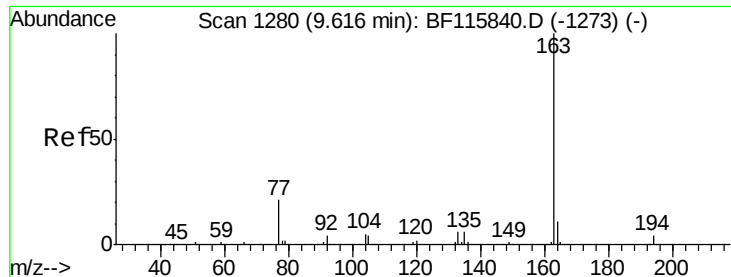
#45
 2-Fluorobiphenyl
 Concen: 85.382 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116254.D
 Acq: 14 Aug 2019 2:10

Tgt Ion:172 Resp: 1297506
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.8 20.1 30.1



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

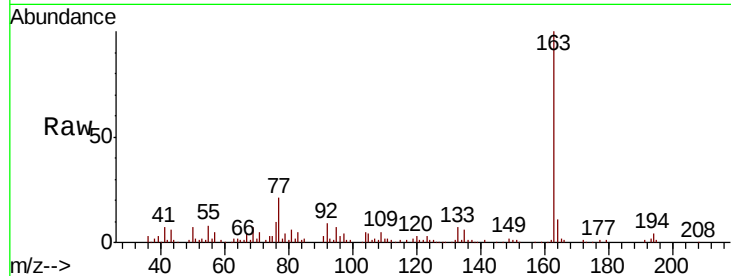




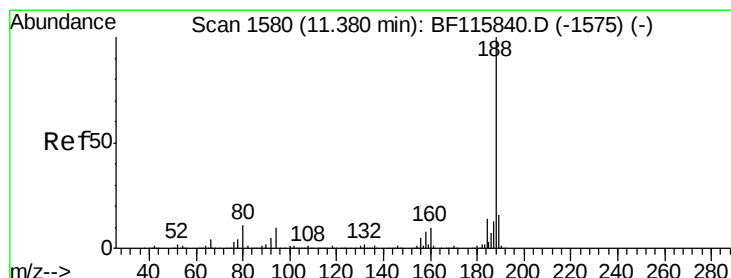
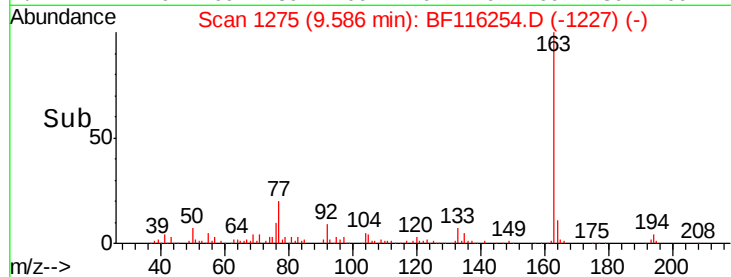
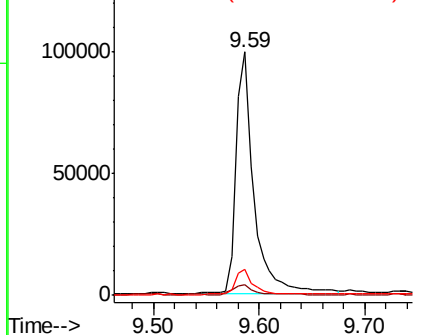
#50
Dimethylphthalate
Concen: 5.948 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116254.D
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Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.0	4.6
164	10.5	8.4	12.6

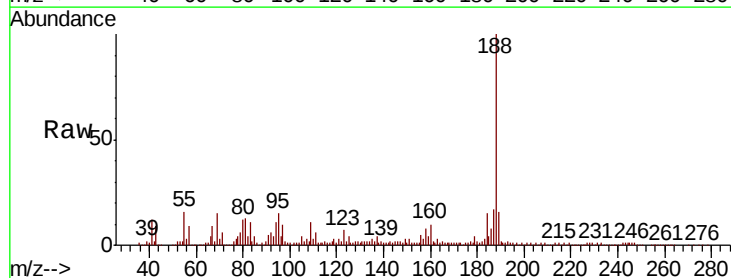


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

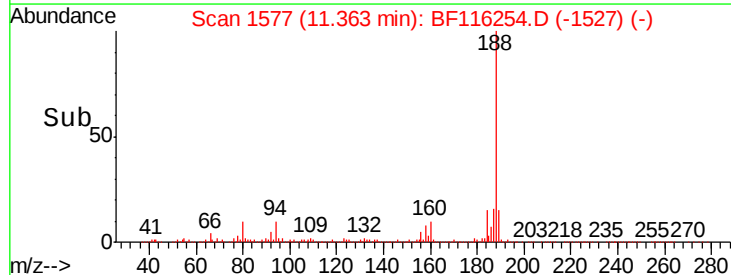
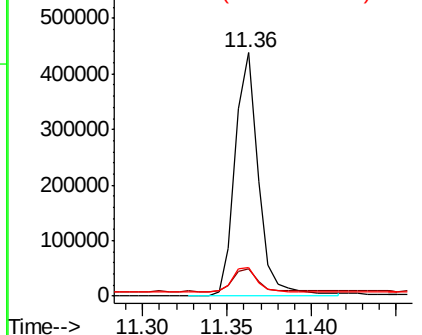


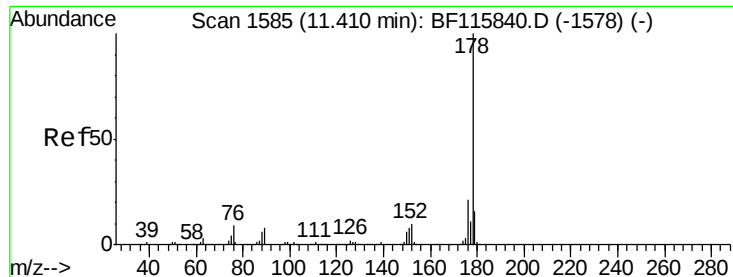
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116254.D
Acq: 14 Aug 2019 2:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.1	12.1
80	11.8	8.7	13.1



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: 2.363 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF116254.D

Acq: 14 Aug 2019 2:10

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-CONTAINMENT-S

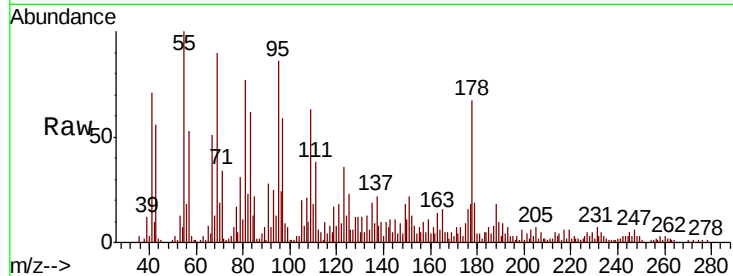
Tot Ion:178 Resp: 50445

Ion Ratio Lower Upper

178 100

176 24.0 16.6 24.8

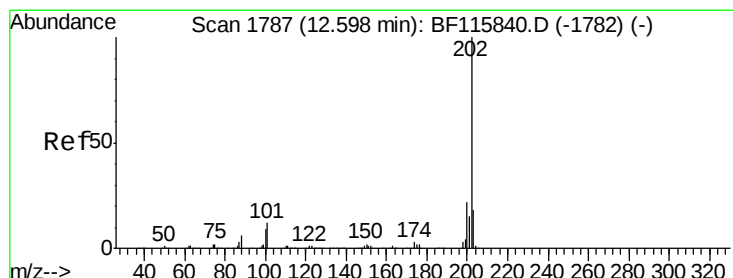
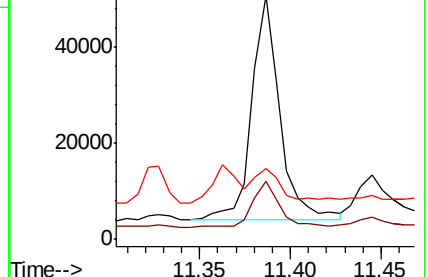
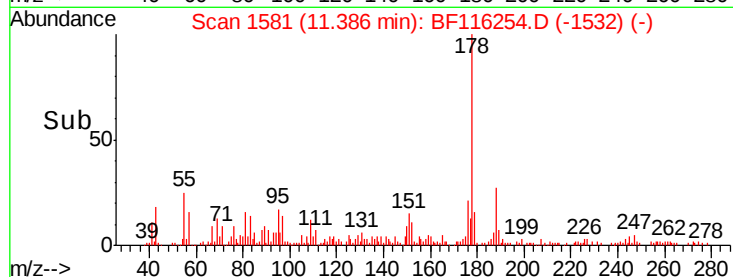
179 28.8 12.5 18.7#



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



#75

Fluoranthene

Concen: 4.237 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF116254.D

Acq: 14 Aug 2019 2:10

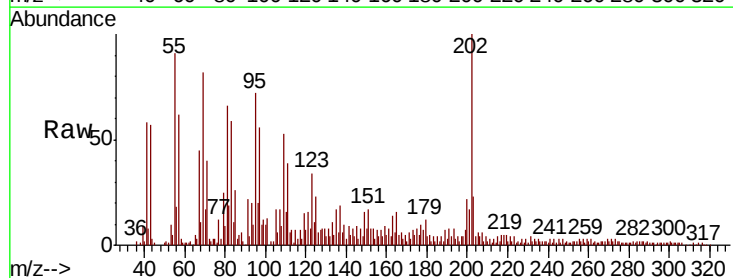
Tgt Ion:202 Resp: 94682

Ion Ratio Lower Upper

202 100

101 13.4 0.0 31.2

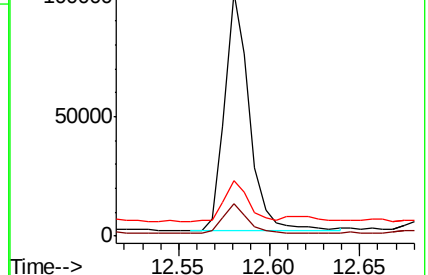
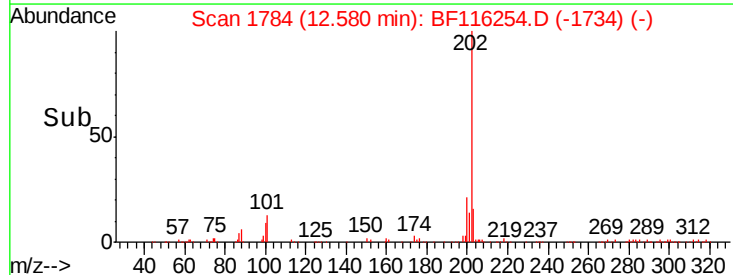
203 22.8 0.0 37.8

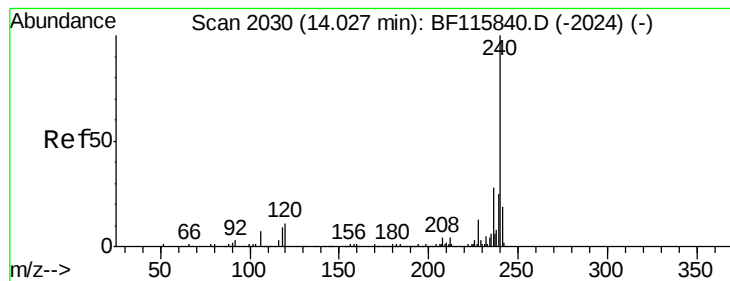


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF116254.D

Acq: 14 Aug 2019 2:10

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-CONTAINMENT-S

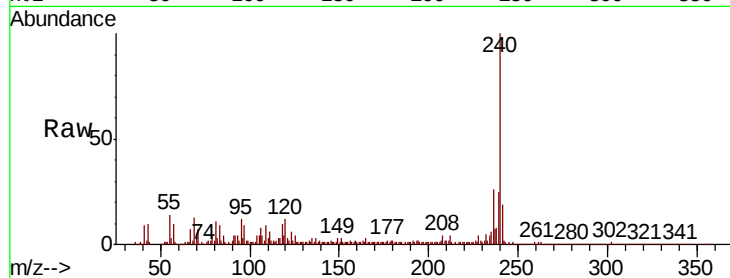
Tot Ion:240 Resp: 294977

Ion Ratio Lower Upper

240 100

120 11.6 10.7 16.1

236 26.4 22.2 33.2

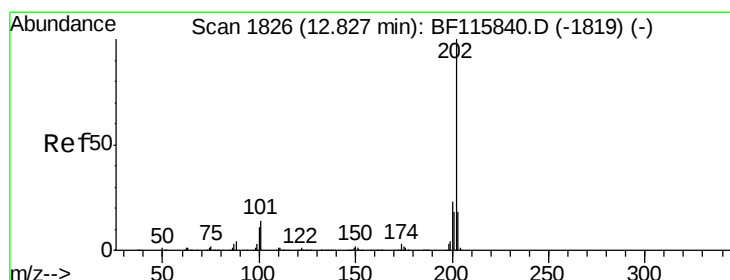
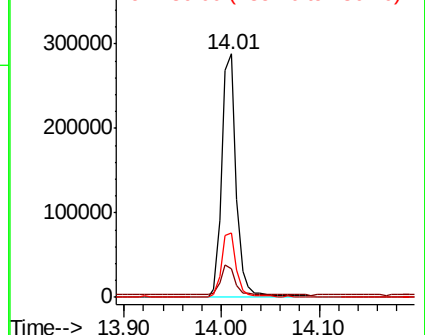
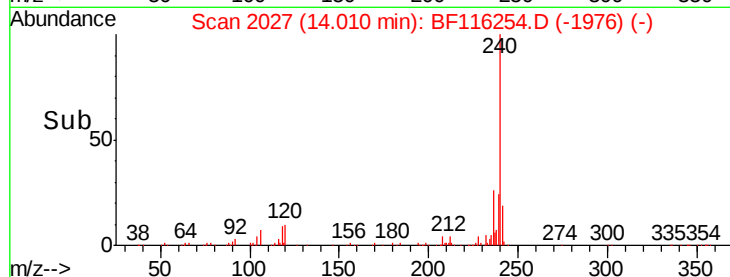


Abundance

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: 4.058 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF116254.D

Acq: 14 Aug 2019 2:10

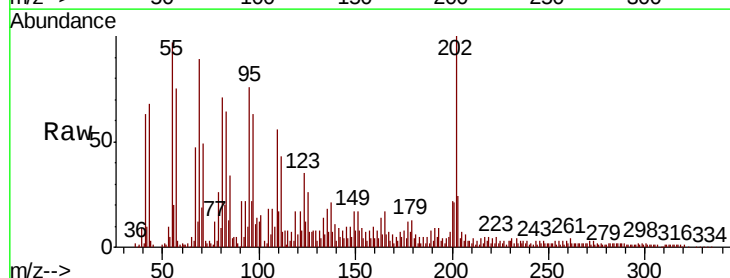
Tgt Ion:202 Resp: 90224

Ion Ratio Lower Upper

202 100

200 22.1 18.0 27.0

203 24.0 14.1 21.1#

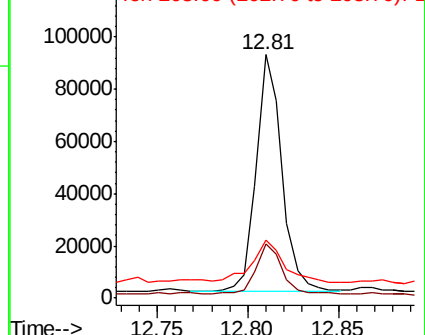
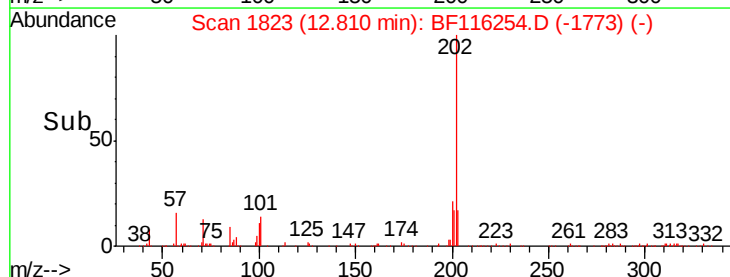


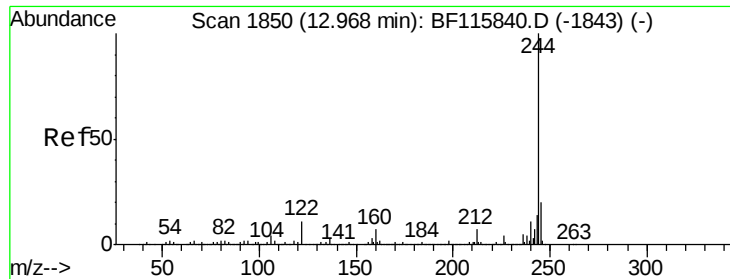
Abundance

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: 80.352 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116254.D

Acq: 14 Aug 2019 2:10

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-CONTAINMENT-S

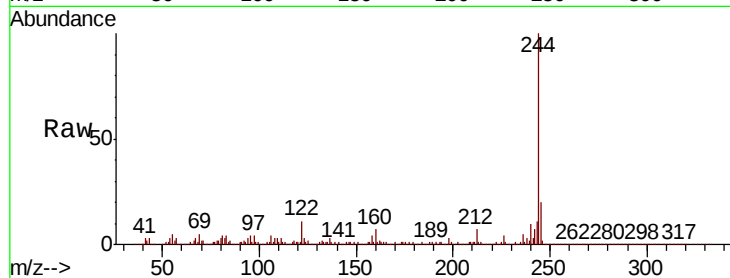
Tot Ion:244 Resp: 1124828

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

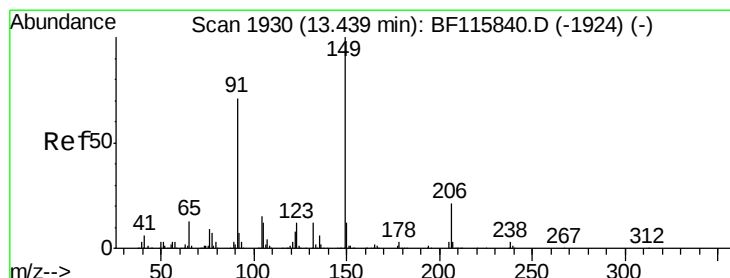
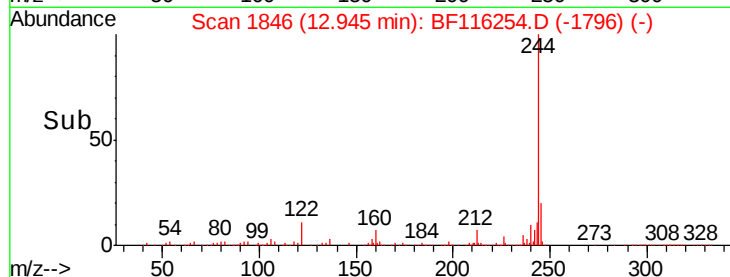
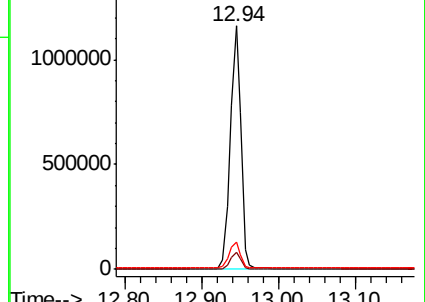
122 11.5 9.0 13.4



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



#80

Butylbenzylphthalate

Concen: 44.512 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BF116254.D

Acq: 14 Aug 2019 2:10

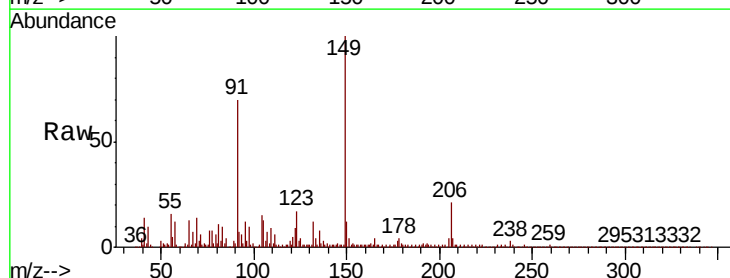
Tgt Ion:149 Resp: 418677

Ion Ratio Lower Upper

149 100

91 70.0 56.3 84.5

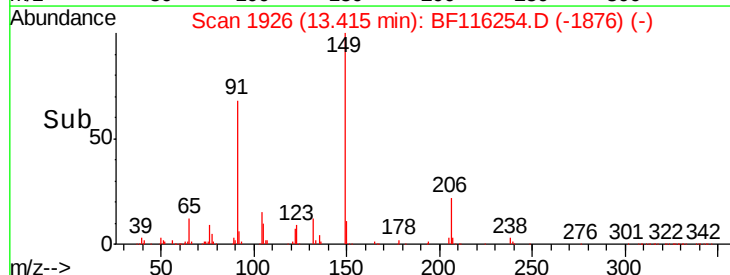
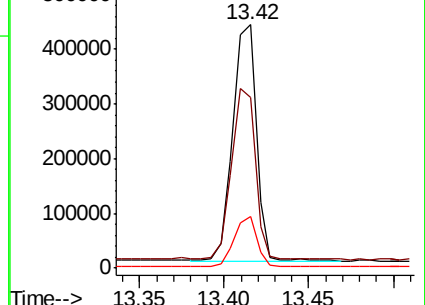
206 21.4 18.0 27.0

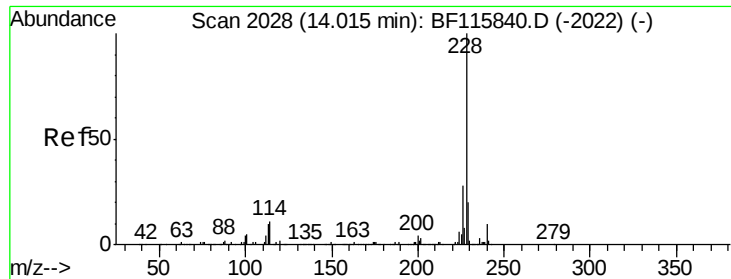


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 2.784 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF116254.D

Acq: 14 Aug 2019 2:10

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-CONTAINMENT-S

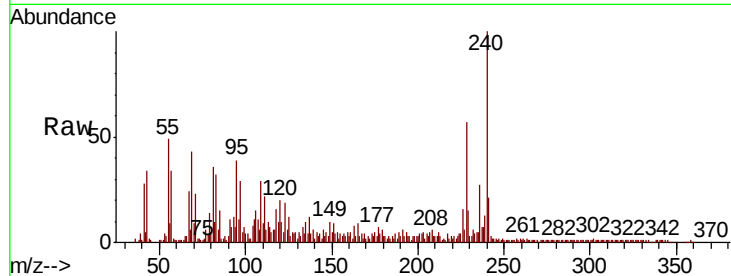
Tot Ion:228 Resp: 52493

Ion Ratio Lower Upper

228 100

226 28.1 22.7 34.1

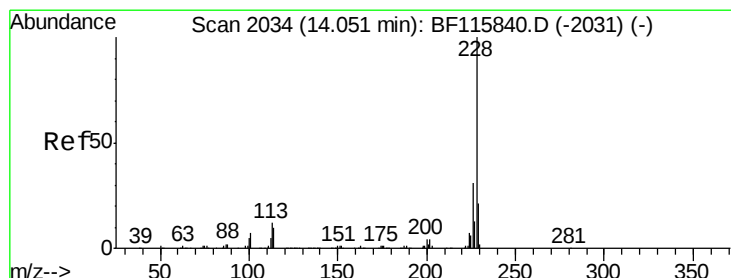
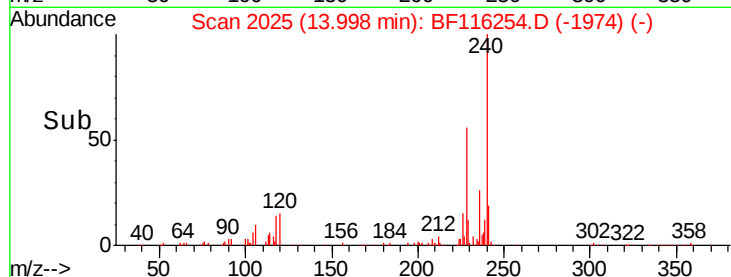
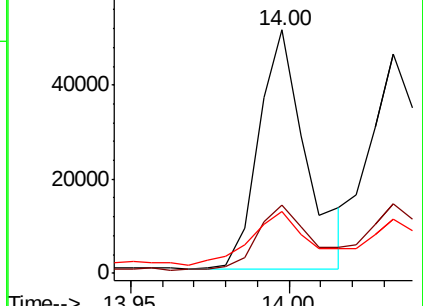
229 25.5 16.2 24.4#



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: 2.862 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF116254.D

Acq: 14 Aug 2019 2:10

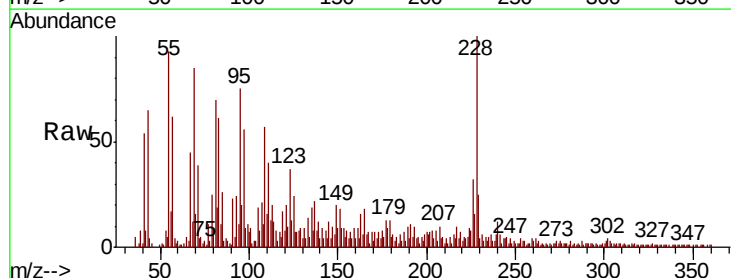
Tgt Ion:228 Resp: 52380

Ion Ratio Lower Upper

228 100

226 31.9 25.5 38.3

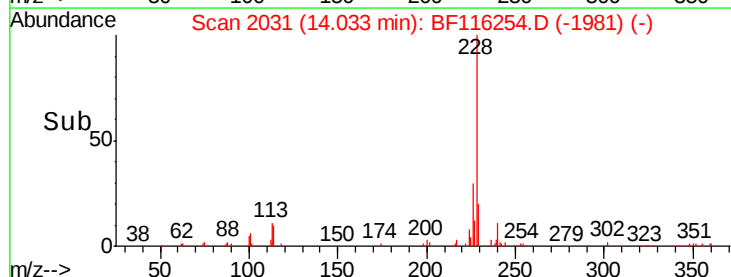
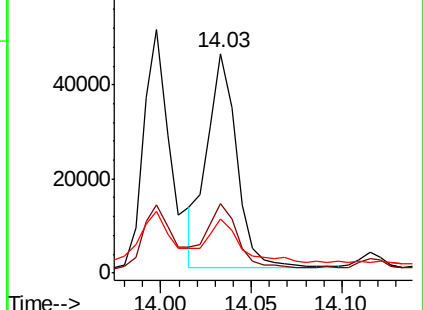
229 24.5 16.6 24.8

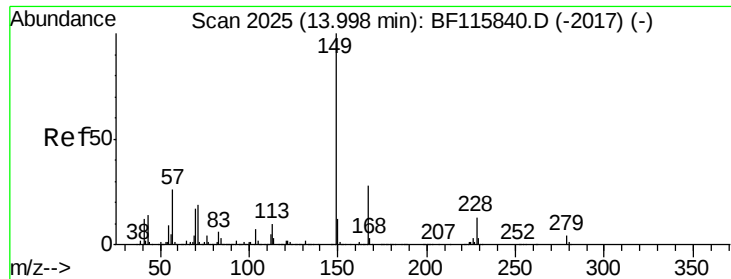


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

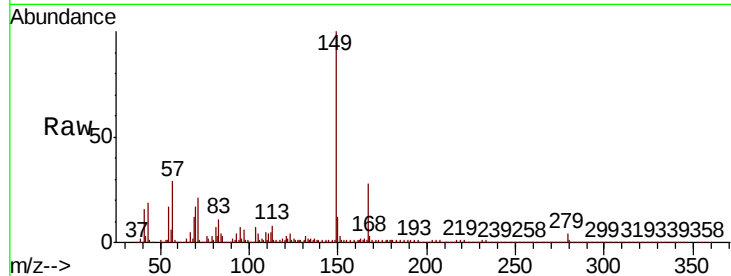




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 31.761 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116254.D
 Acq: 14 Aug 2019 2:10

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-CONTAINMENT-S

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.6	32.4
279	4.1	3.0	4.4

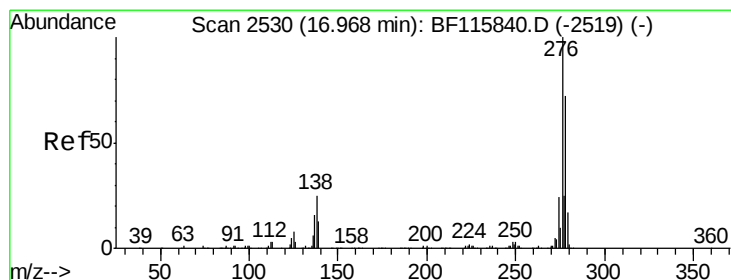
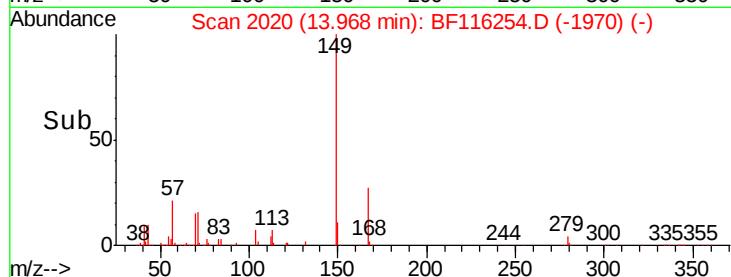
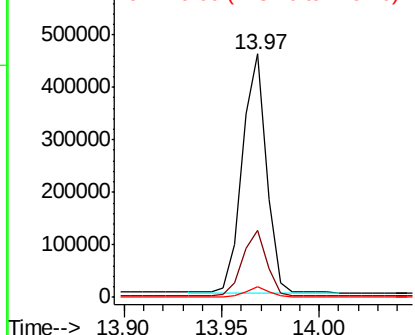


Abundance

Ion 149.00 (148.70 to 149.70): E

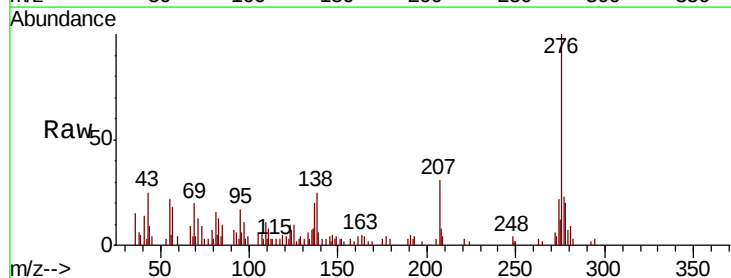
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.099 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. 0.02 min
 Lab File: BF116254.D
 Acq: 14 Aug 2019 2:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.9	20.4	30.6#
277	25.5	20.0	30.0

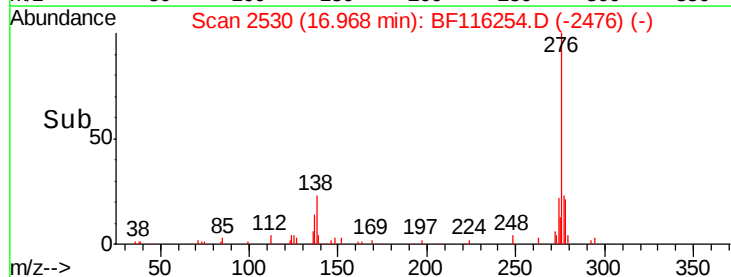
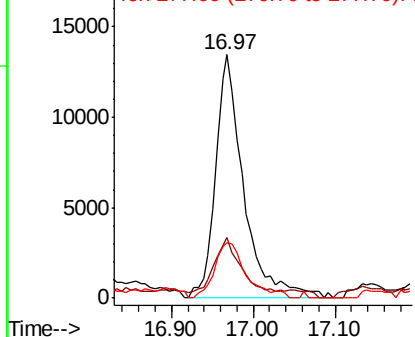


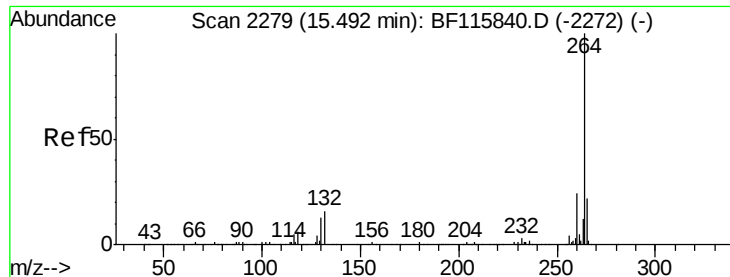
Abundance

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: 15.47 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BF116254.D

Acq: 14 Aug 2019 2:10

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-CONTAINMENT-S

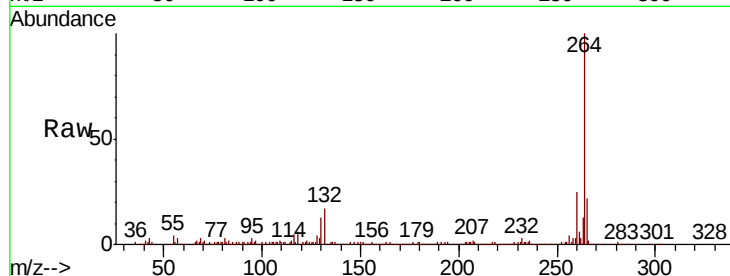
Tot Ion:264 Resp: 329606

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

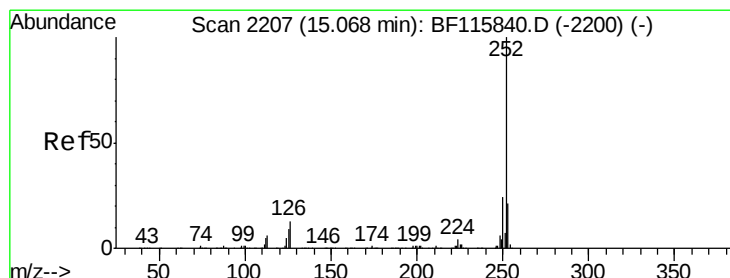
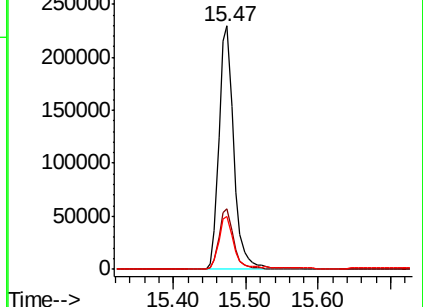
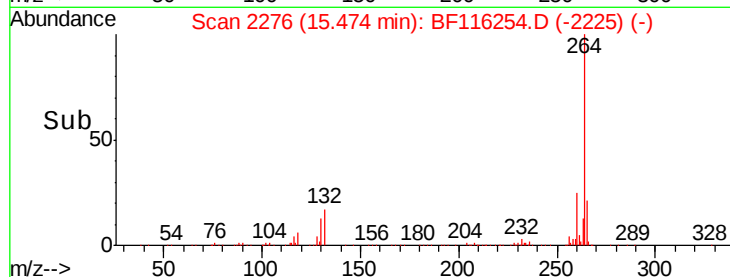
265 21.6 17.4 26.0



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: 3.687 ng m

RT: 15.05 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BF116254.D

Acq: 14 Aug 2019 2:10

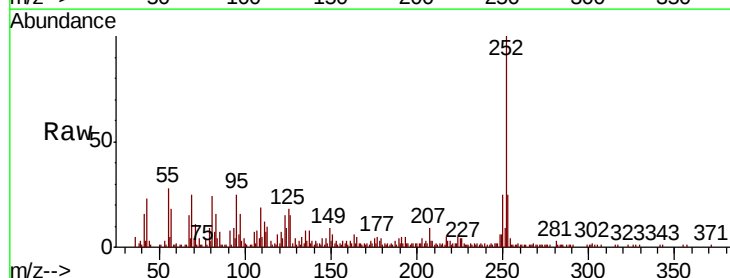
Tgt Ion:252 Resp: 70274

Ion Ratio Lower Upper

252 100

253 24.6 17.8 26.8

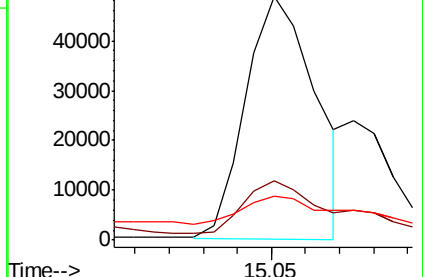
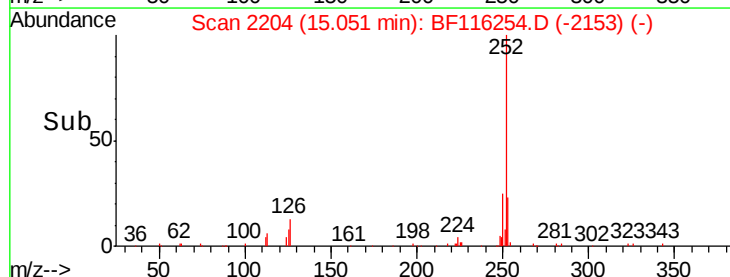
125 18.1 8.4 12.6#

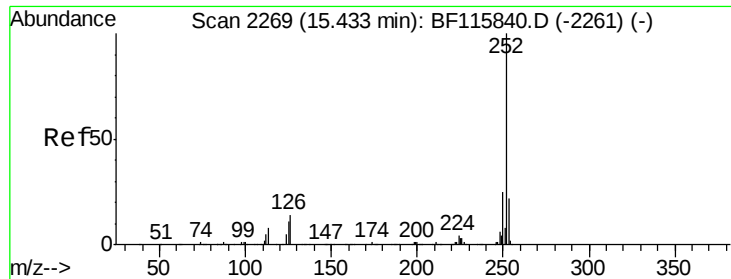


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

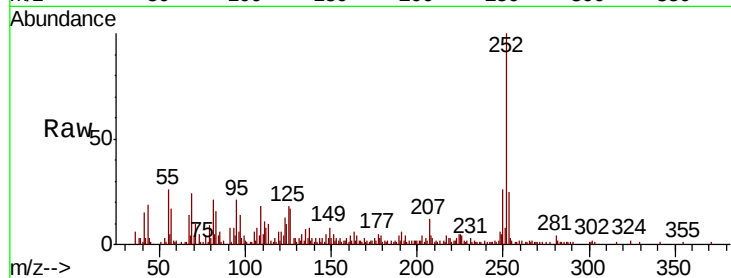




#90
 Benzo(a)pyrene
 Concen: 2.602 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.00 min
 Lab File: BF116254.D
 Acq: 14 Aug 2019 2:10

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-CONTAINMENT-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.0	27.0
125	17.6	8.9	13.3



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

