

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
 Data File : BF119633.D
 Acq On : 30 Mar 2020 15:22
 Operator : MA/SJ
 Sample : L2051-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Quant Time: Mar 30 15:55:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

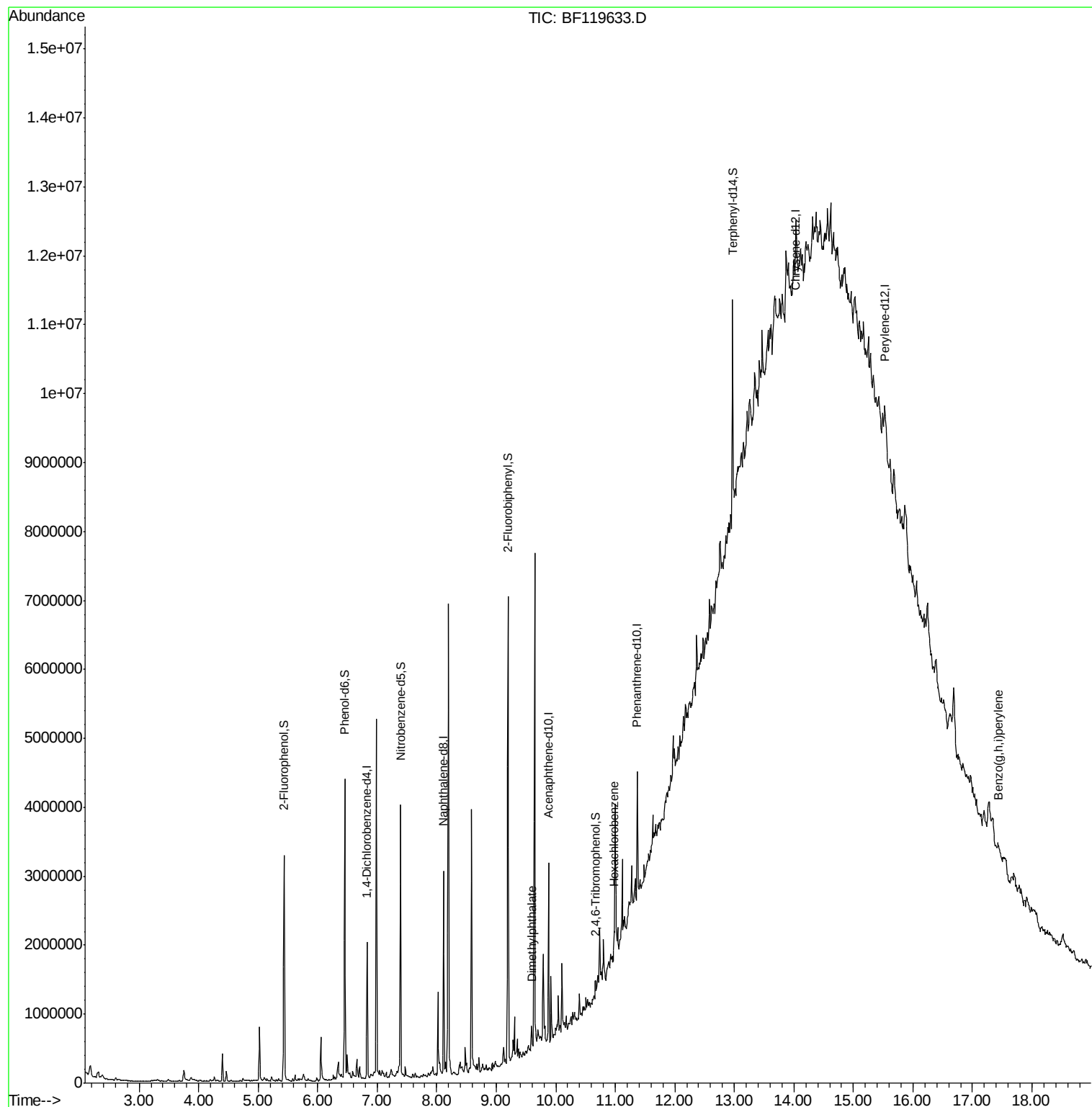
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	294250	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1162843	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	498704	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	732437	20.00	ng	0.00
76) Chrysene-d12	14.03	240	379351	20.00	ng	0.02
87) Perylene-d12	15.53	264	379271	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	929360	50.28	ng	0.00
7) Phenol-d6	6.46	99	1511590	64.02	ng	0.00
23) Nitrobenzene-d5	7.39	82	1107377	51.76	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	30178	5.87	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1956187	58.11	ng	0.00
79) Terphenyl-d14	12.97	244	1286297	66.43	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	116950	3.302	ng	98
68) Hexachlorobenzene	10.98	284	57590	6.746	ng	92
92) Benzo(q,h,i)perylene	17.44	276	65346	3.230	ng	# 62

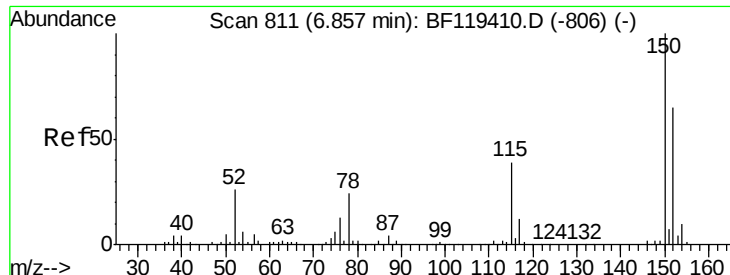
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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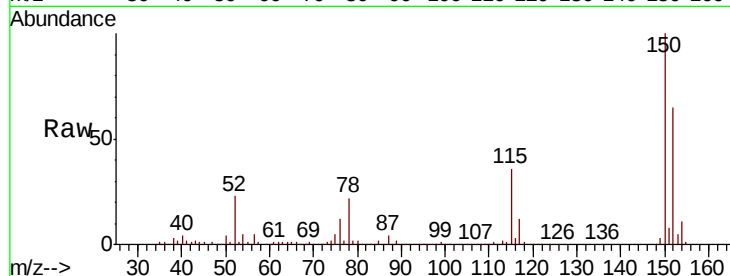


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119633.D
Acq: 30 Mar 2020 15:22

Instrument :
BNA_F
ClientSampleId :
SB-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.5	186.7
115	56.0	49.6	74.4

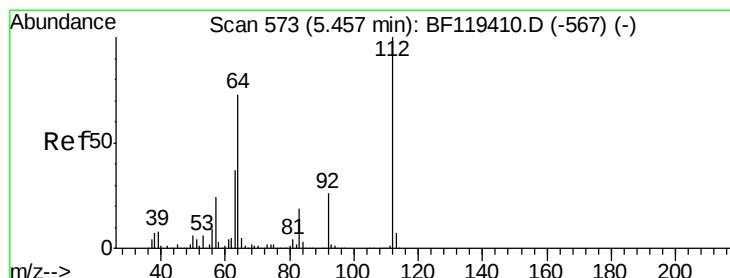
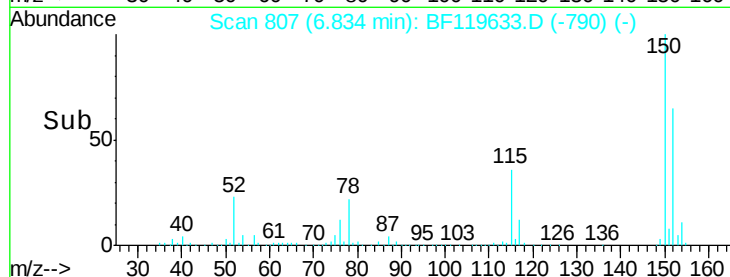
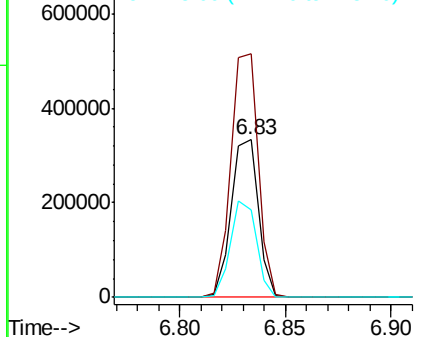


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

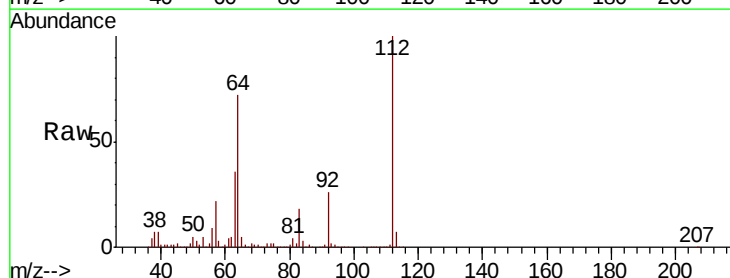
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 50.279 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF119633.D
Acq: 30 Mar 2020 15:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.9	56.7	85.1
63	35.5	29.5	44.3

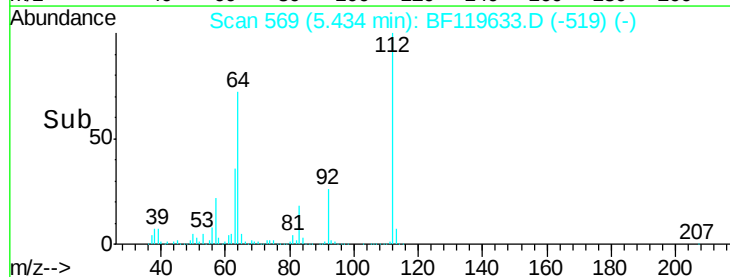
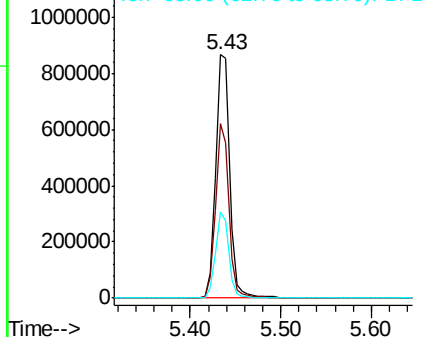


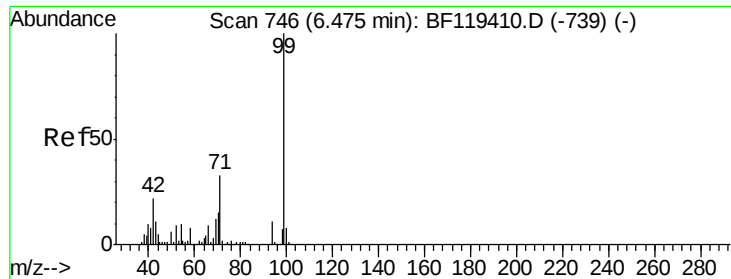
Abundance

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: 64.017 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119633.D

Acq: 30 Mar 2020 15:22

Instrument :

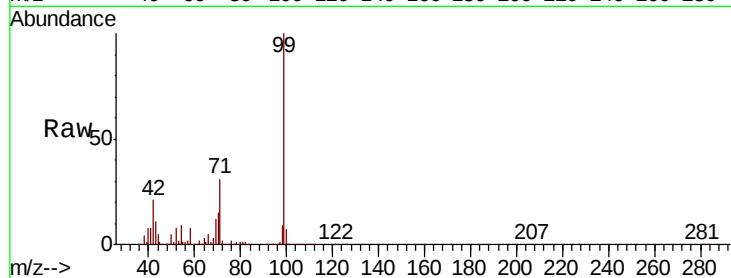
BNA_F

ClientSampleId :

SB-1

Tot Ion: 99 Resp: 1511590

Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.6	24.8
71	31.0	26.4	39.6

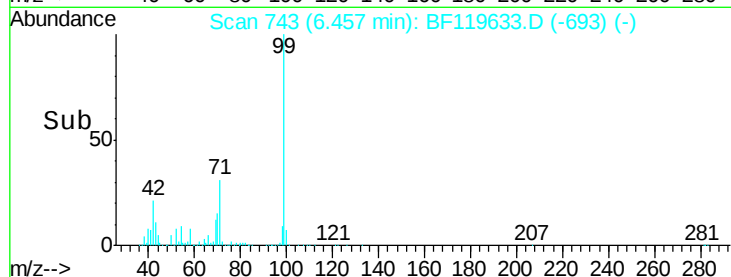


Abundance

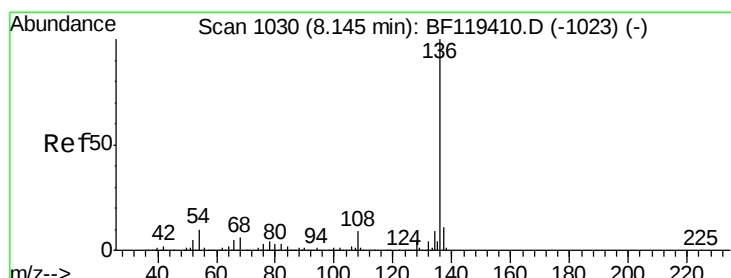
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

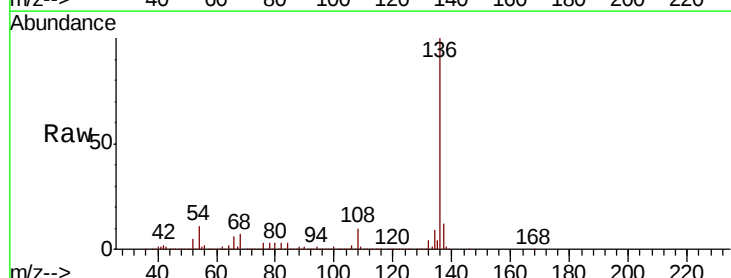
Delta R.T. -0.01 min

Lab File: BF119633.D

Acq: 30 Mar 2020 15:22

Tgt Ion: 136 Resp: 1162843

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	10.7	9.1	13.7
68	6.6	4.6	6.8



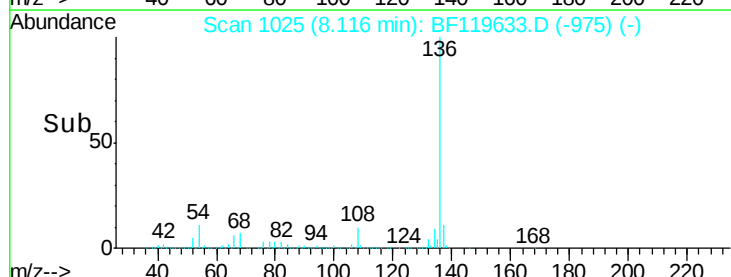
Abundance

Ion 136.00 (135.70 to 136.70): E

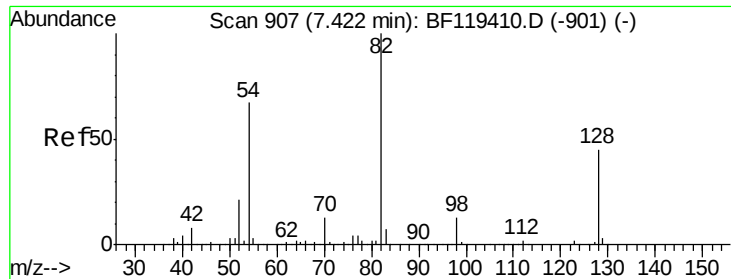
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



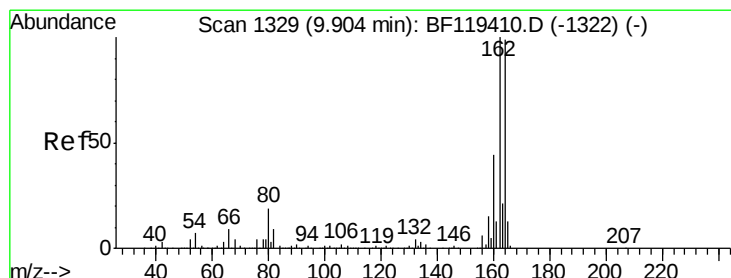
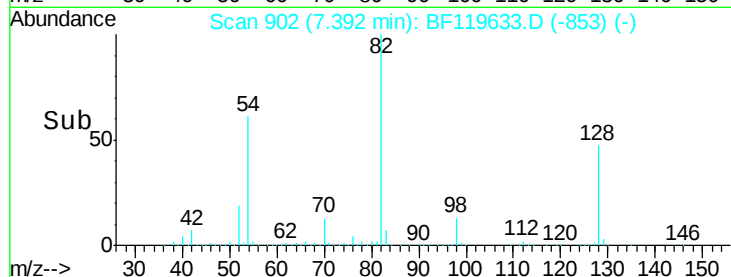
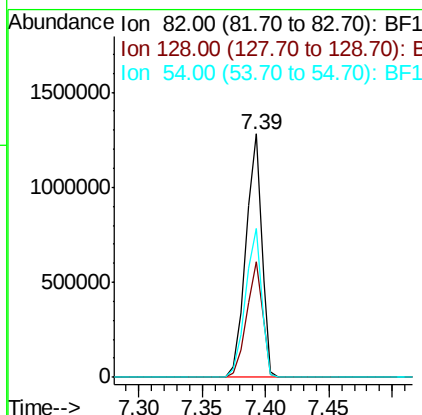
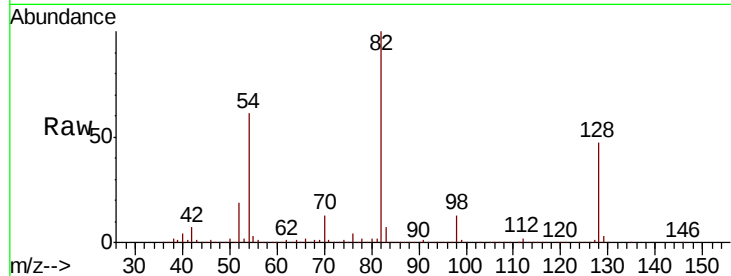
Time-->



#23
Nitrobenzene-d5
Concen: 51.756 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119633.D
Acq: 30 Mar 2020 15:22

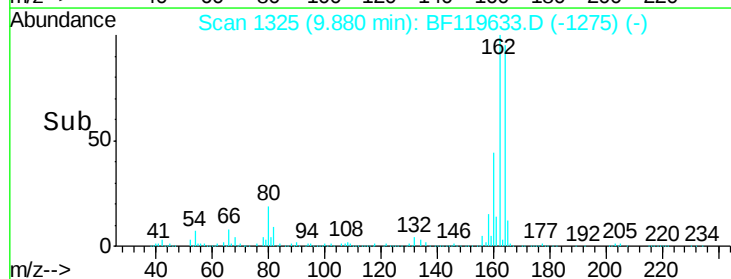
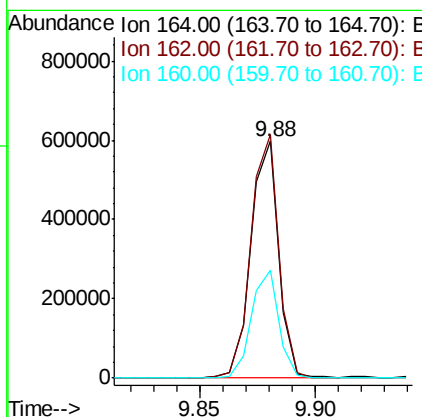
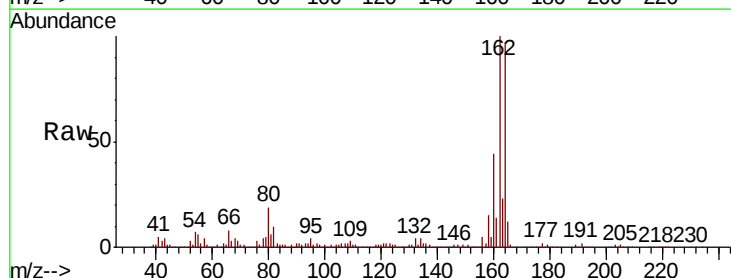
Instrument :
BNA_F
ClientSampleId :
SB-1

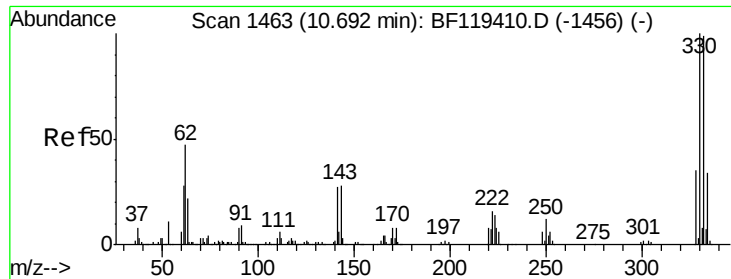
Tot Ion: 82 Resp: 1107377
Ion Ratio Lower Upper
82 100
128 47.2 36.3 54.5
54 61.2 50.6 75.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF119633.D
Acq: 30 Mar 2020 15:22

Tgt Ion: 164 Resp: 498704
Ion Ratio Lower Upper
164 100
162 102.8 80.6 121.0
160 45.4 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 5.866 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF119633.D

Acq: 30 Mar 2020 15:22

Instrument :

BNA_F

ClientSampleId :

SB-1

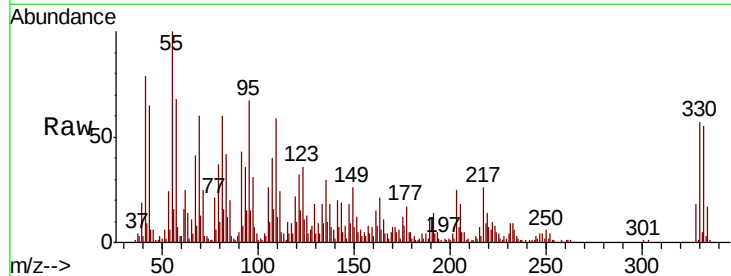
Tot Ion:330 Resp: 30178

Ion Ratio Lower Upper

330 100

332 98.0 75.7 113.5

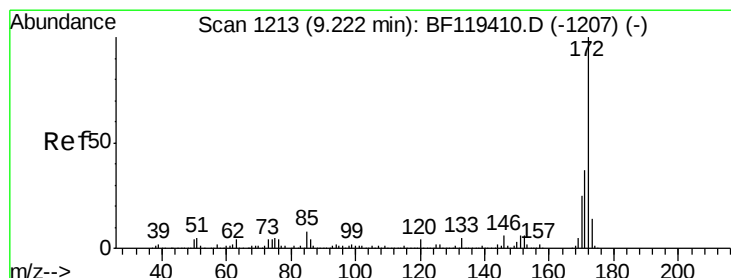
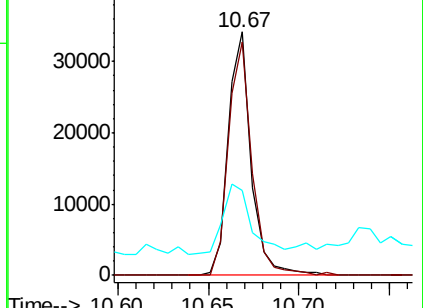
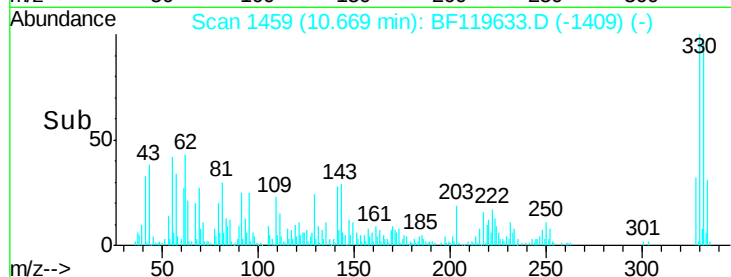
141 34.8 25.4 38.0



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: 58.111 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF119633.D

Acq: 30 Mar 2020 15:22

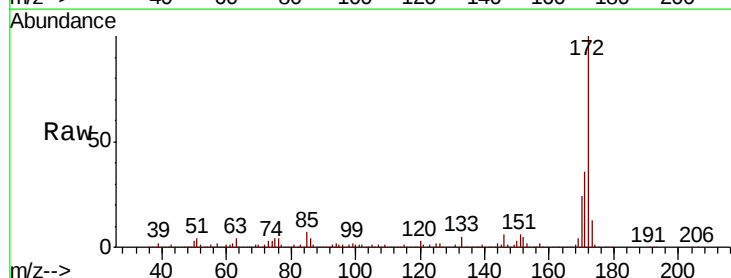
Tgt Ion:172 Resp: 1956187

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

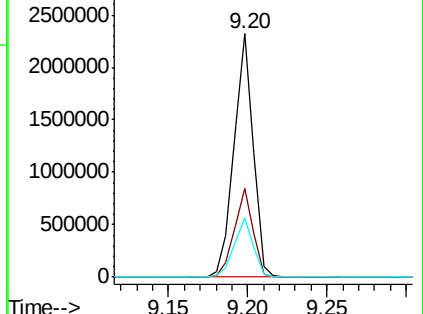
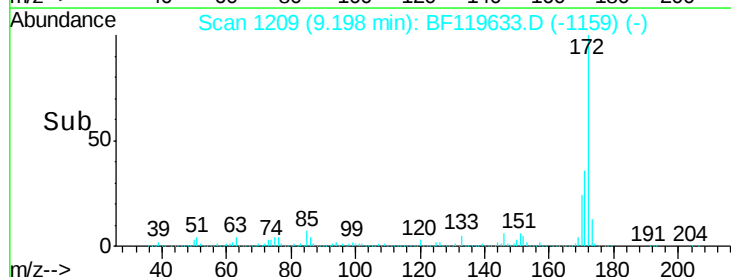
170 24.4 20.2 30.2

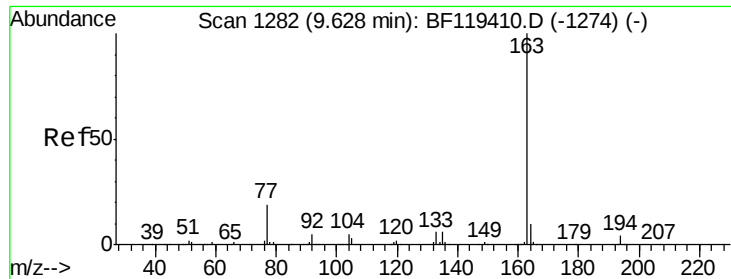


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

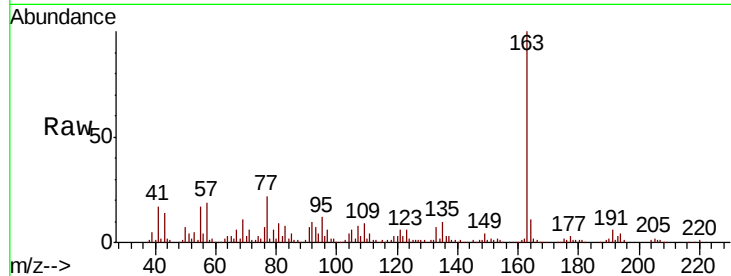




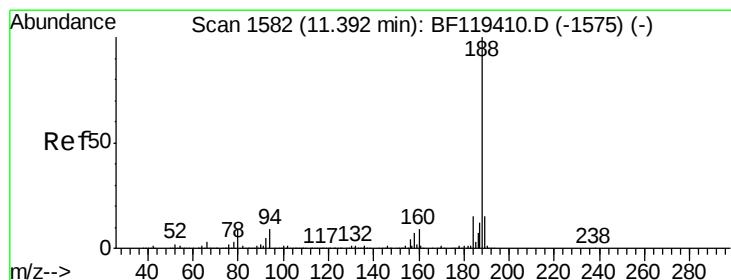
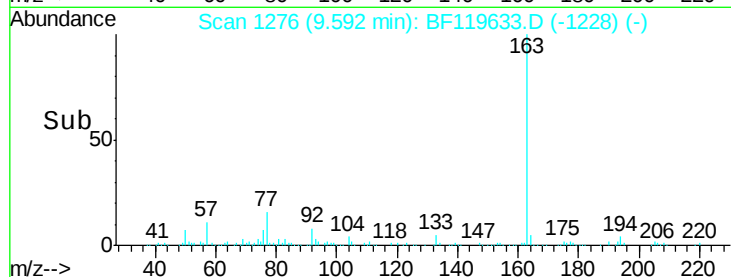
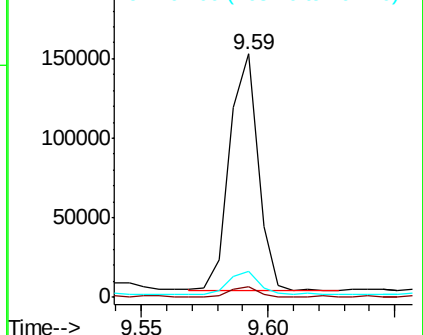
#50
Dimethylphthalate
Concen: 3.302 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF119633.D
Acq: 30 Mar 2020 15:22

Instrument :
BNA_F
ClientSampleId :
SB-1

Tot Ion:163 Resp: 116950
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 10.9 8.2 12.2

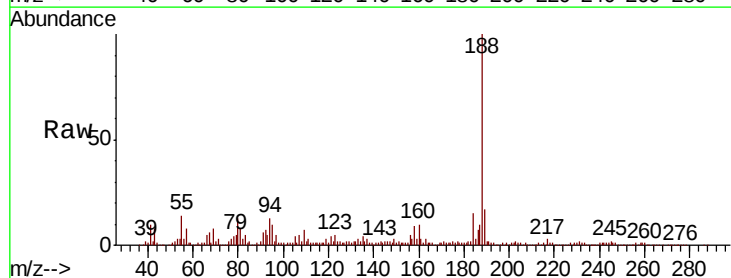


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

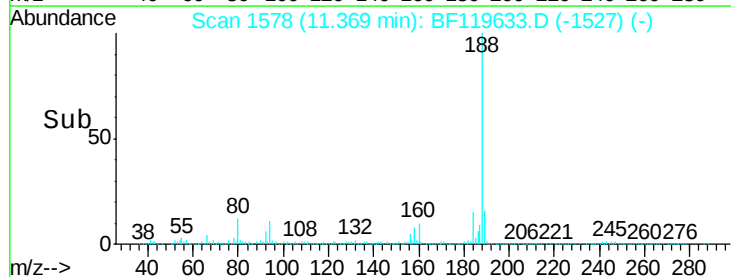
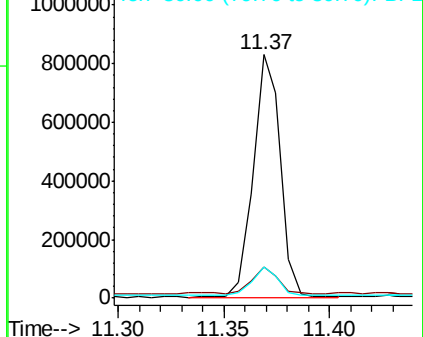


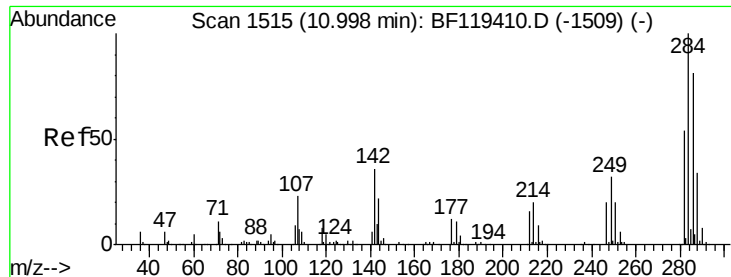
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119633.D
Acq: 30 Mar 2020 15:22

Tgt Ion:188 Resp: 732437
Ion Ratio Lower Upper
188 100
94 12.7 7.5 11.3#
80 12.9 9.0 13.4



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

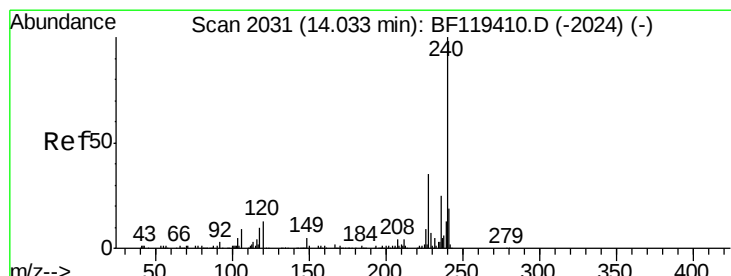
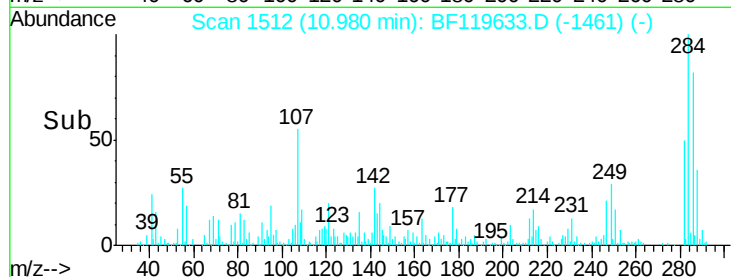
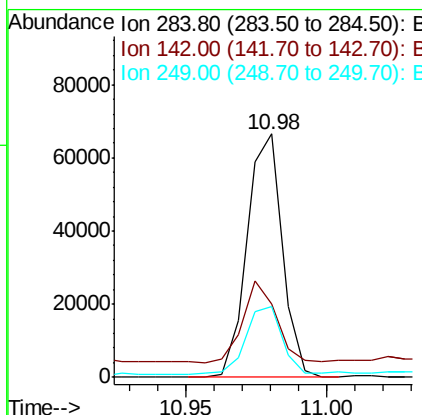
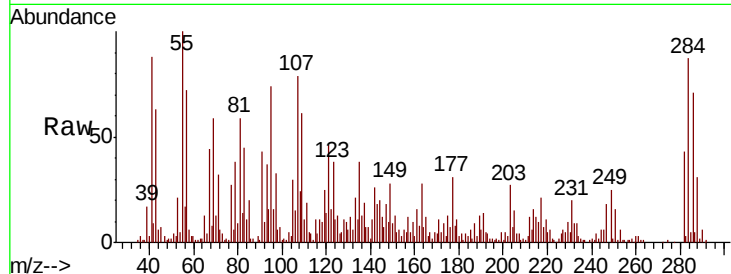




#68
Hexachlorobenzene
Concen: 6.746 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF119633.D
Acq: 30 Mar 2020 15:22

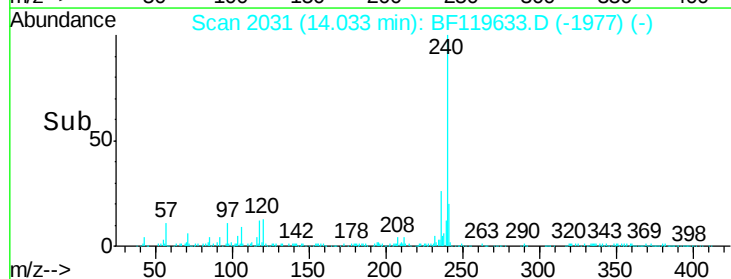
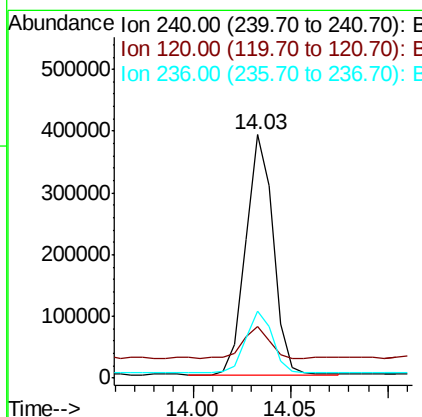
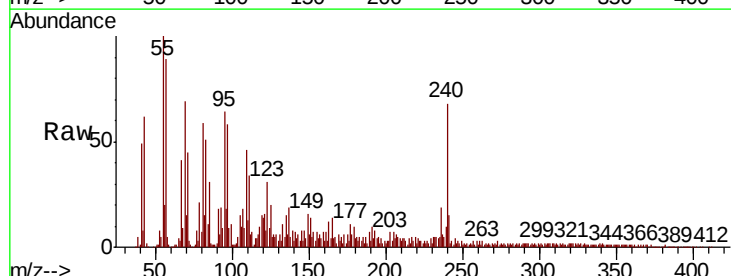
Instrument :
BNA_F
ClientSampleId :
SB-1

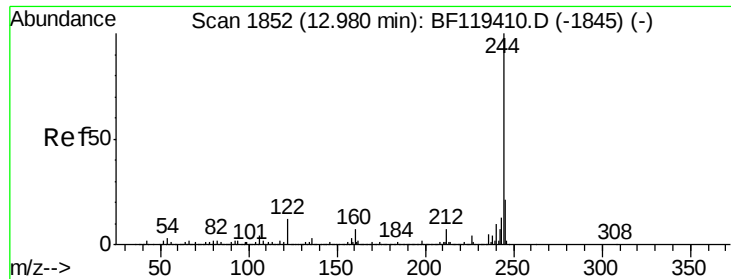
Tot Ion:284 Resp: 57590
Ion Ratio Lower Upper
284 100
142 30.1 29.2 43.8
249 28.9 25.1 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.02 min
Lab File: BF119633.D
Acq: 30 Mar 2020 15:22

Tgt Ion:240 Resp: 379351
Ion Ratio Lower Upper
240 100
120 21.1 10.6 15.8#
236 27.5 20.2 30.2





#79

Terphenyl-d14

Concen: 66.433 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.01 min

Lab File: BF119633.D

Acq: 30 Mar 2020 15:22

Instrument :

BNA_F

ClientSampleId :

SB-1

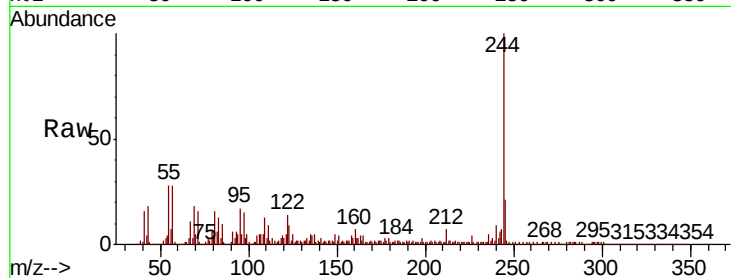
Tot Ion:244 Resp: 1286297

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

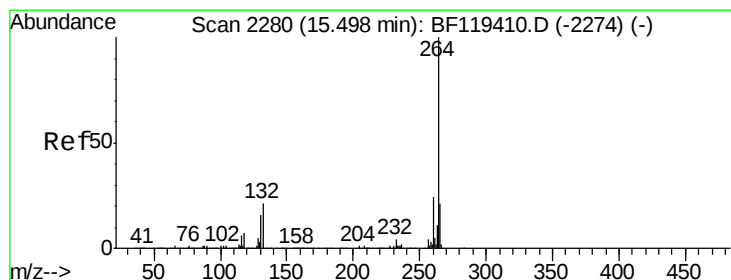
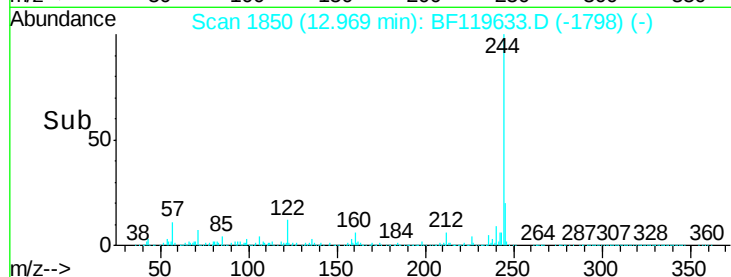
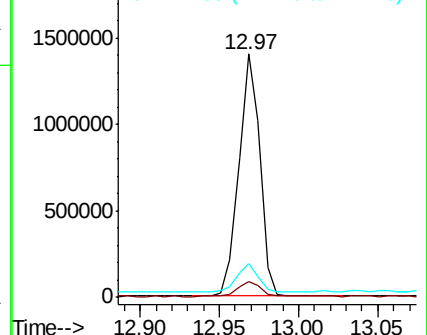
122 14.0 10.3 15.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. 0.05 min

Lab File: BF119633.D

Acq: 30 Mar 2020 15:22

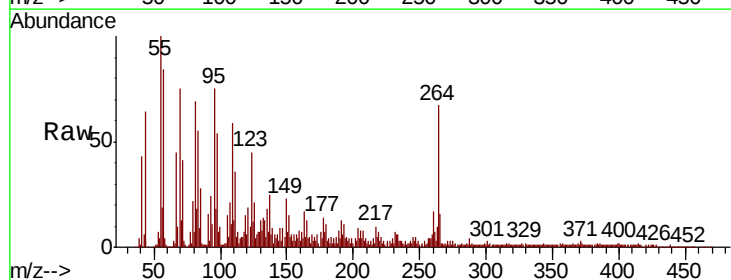
Tgt Ion:264 Resp: 379271

Ion Ratio Lower Upper

264 100

260 25.9 18.7 28.1

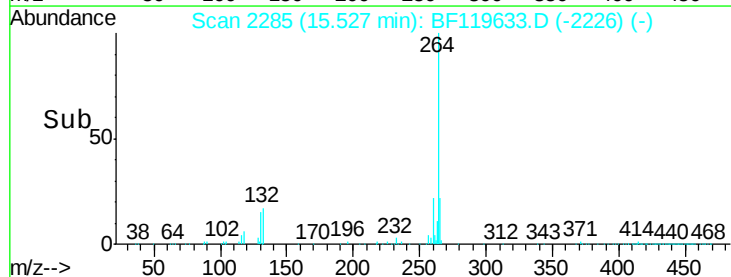
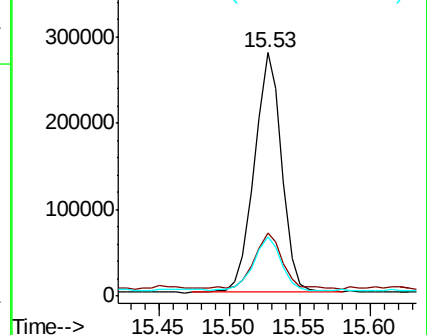
265 24.2 17.7 26.5

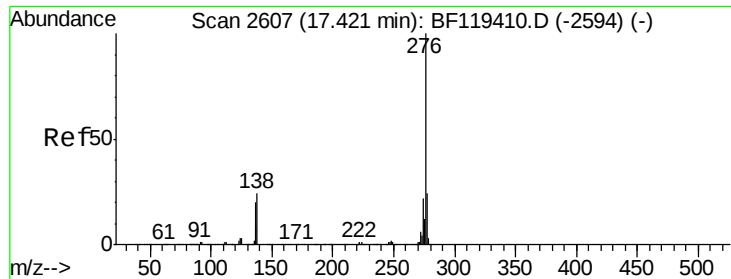


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 3.230 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. 0.04 min
 Lab File: BF119633.D
 Acq: 30 Mar 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Tot Ion	Ratio	Lower	Upper
276	100		
277	30.0	18.4	27.6#
138	49.5	15.4	23.0#

