

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
 Data File : BF121243.D
 Acq On : 11 Aug 2020 16:46
 Operator : JU/CG
 Sample : L3625-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PN-SP

Quant Time: Aug 11 17:14:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

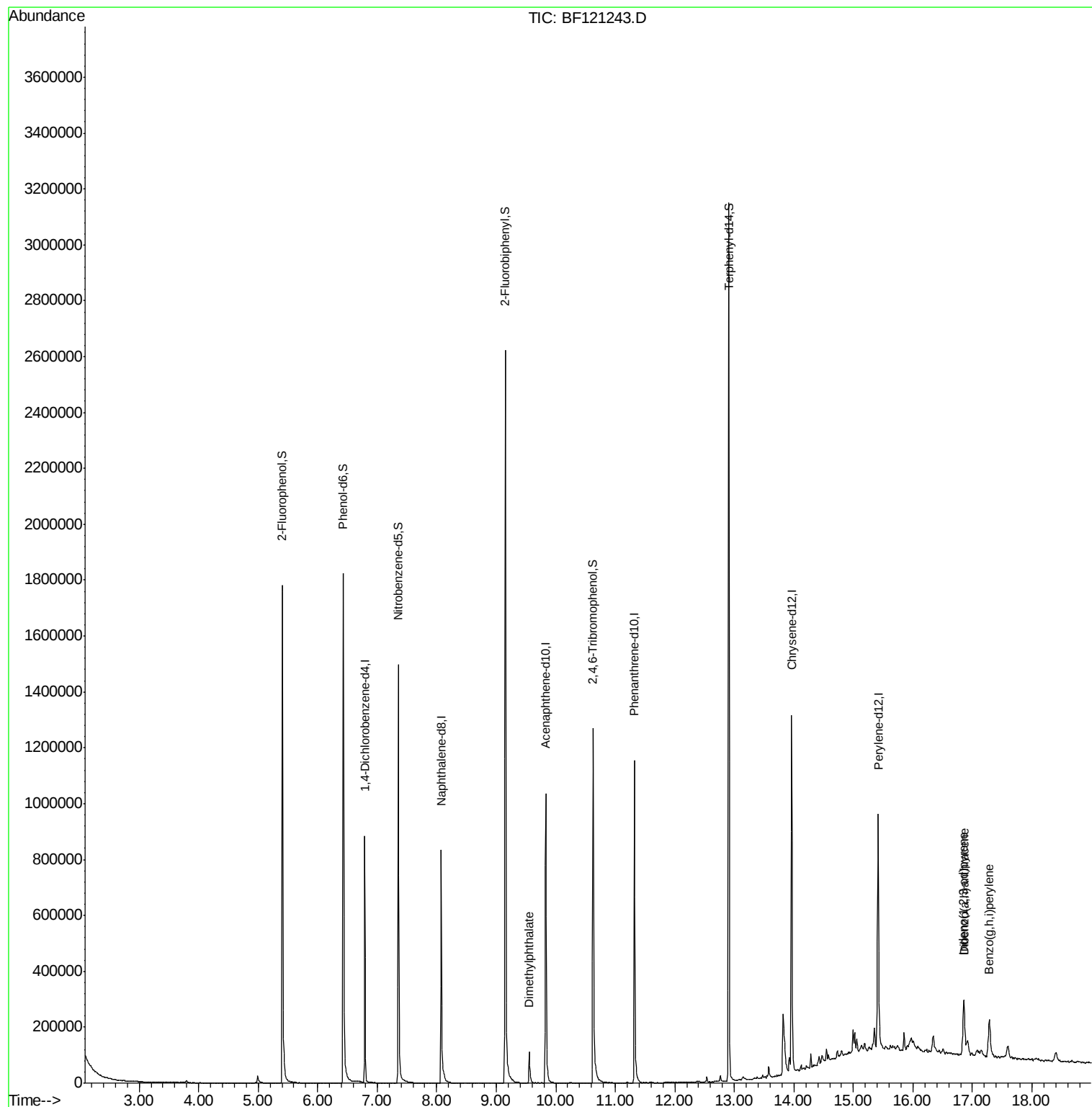
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	124183	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	498654	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	261888	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	544656	20.00	ng	0.00
76) Chrysene-d12	13.96	240	477589	20.00	ng	0.00
86) Perylene-d12	15.42	264	424159	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	647804	85.52	ng	0.00
7) Phenol-d6	6.43	99	804997	82.27	ng	-0.02
23) Nitrobenzene-d5	7.36	82	532593	61.80	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	236128	82.37	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1014069	57.81	ng	-0.01
79) Terphenyl-d14	12.91	244	1117988	50.89	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	75874	4.016	ng	98
87) Indeno(1,2,3-cd)pyrene	16.85	276	128591	4.359	ng	98
91) Dibenzo(a,h)anthracene	16.86	278	98026	4.068	ng	97
92) Benzo(g,h,i)perylene	17.29	276	129628	5.456	ng	99

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

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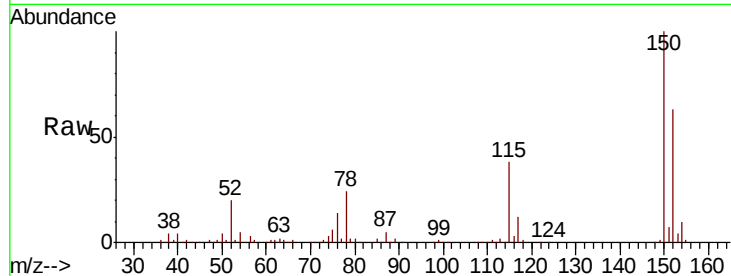


#1

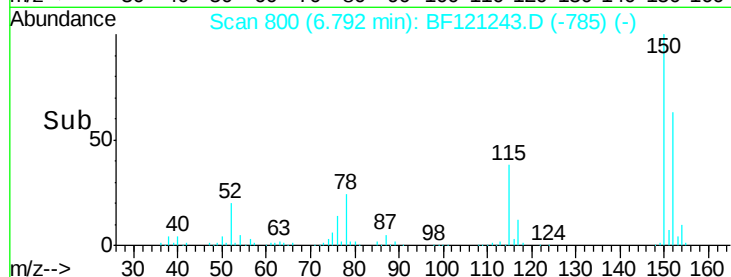
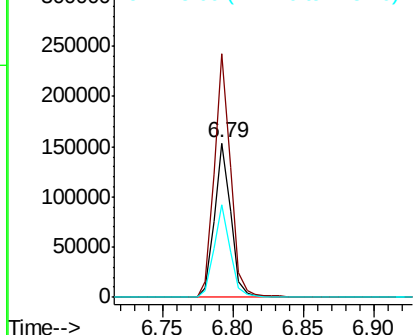
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121243.D
 Acq: 11 Aug 2020 16:46

Instrument :
 BNA_F
 ClientSampleId :
 PN-SP

Tot Ion:152 Resp: 124183
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.6 188.4
 115 59.7 46.2 69.2



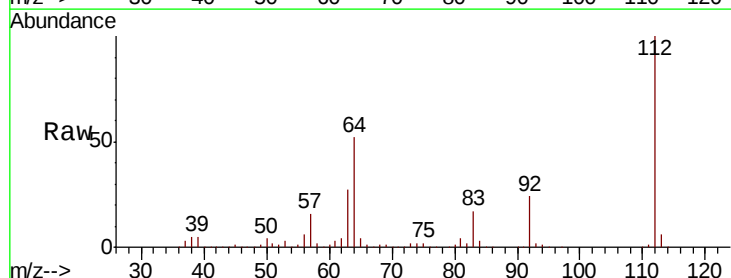
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



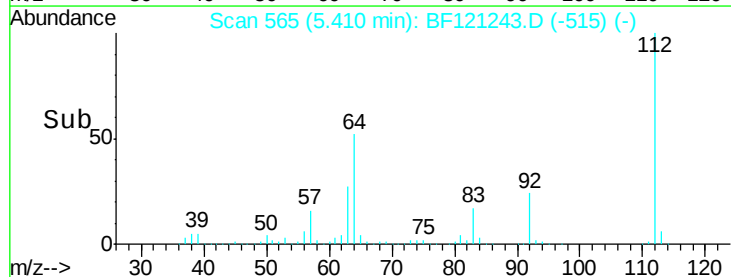
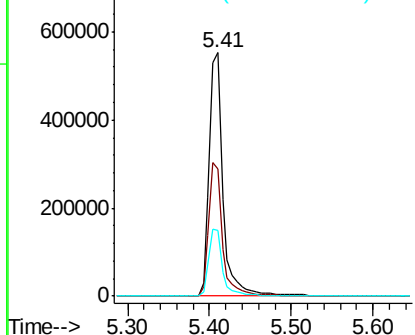
#5

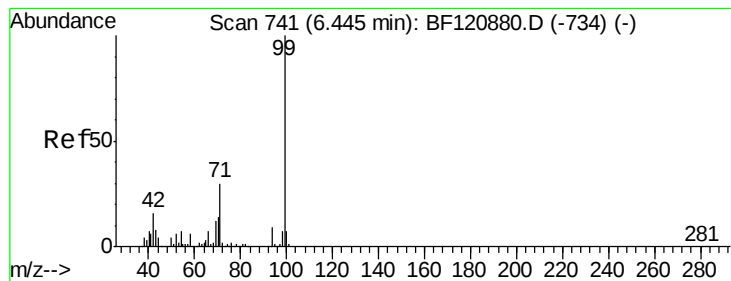
2-Fluorophenol
 Concen: 85.517 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF121243.D
 Acq: 11 Aug 2020 16:46

Tgt Ion:112 Resp: 647804
 Ion Ratio Lower Upper
 112 100
 64 52.1 43.9 65.9
 63 26.8 22.7 34.1



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: 82.268 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF121243.D

Acq: 11 Aug 2020 16:46

Instrument :

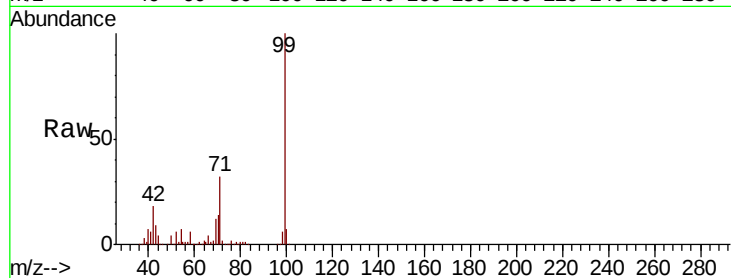
BNA_F

ClientSampleId :

PN-SP

Tot Ion: 99 Resp: 804997

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.5	20.3
71	31.7	25.0	37.4

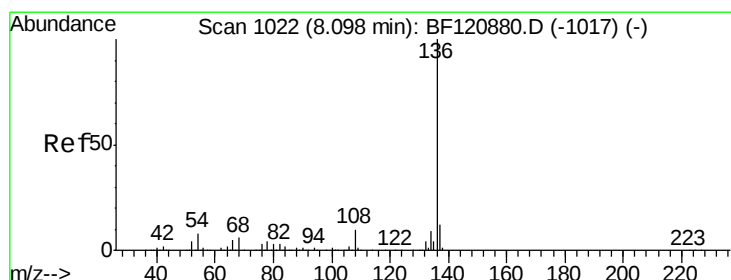
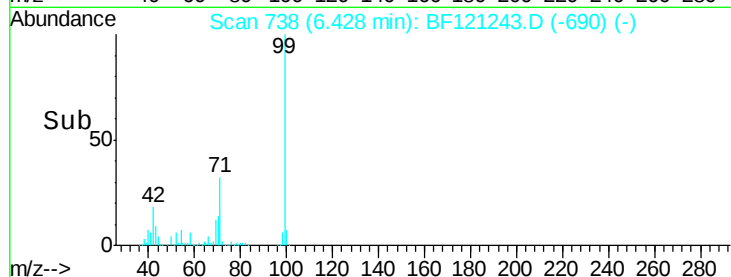
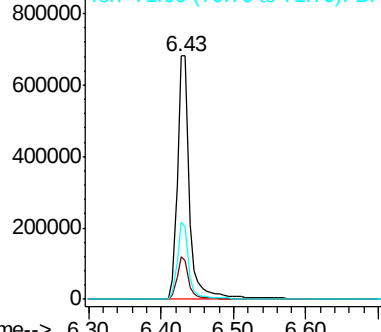


Abundance

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: 8.07 min Scan# 1018

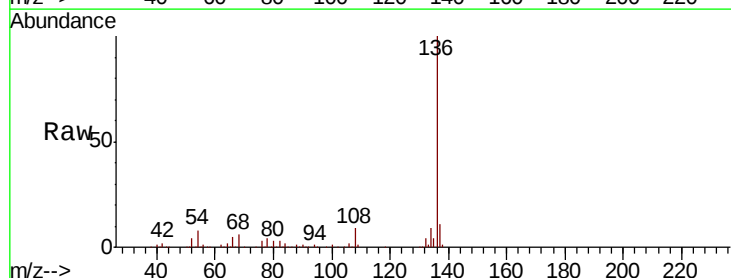
Delta R.T. -0.01 min

Lab File: BF121243.D

Acq: 11 Aug 2020 16:46

Tgt Ion: 136 Resp: 498654

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.9	6.1	9.1
68	6.3	5.0	7.6



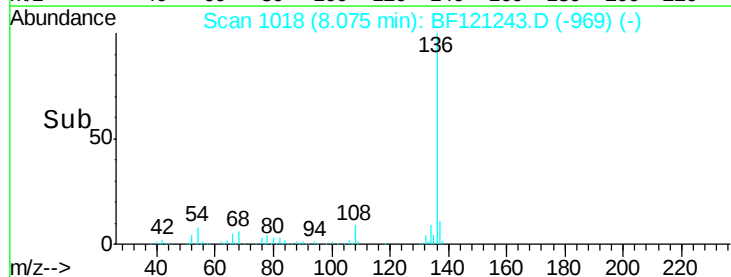
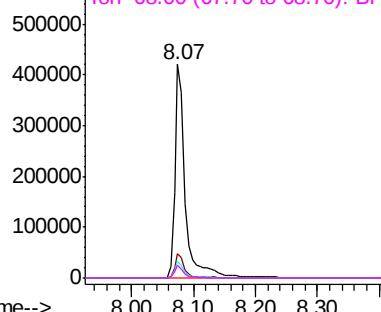
Abundance

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

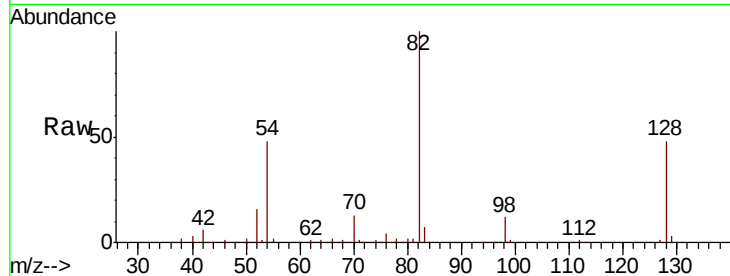




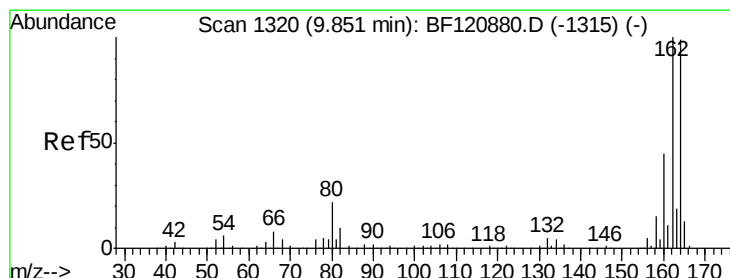
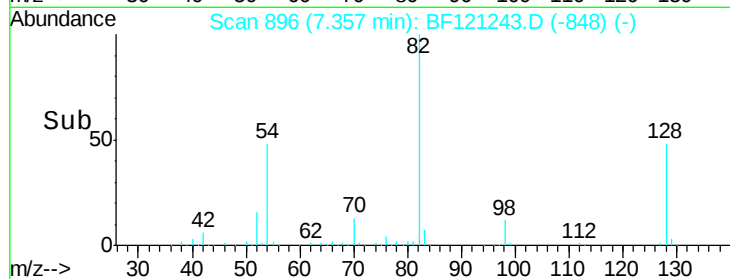
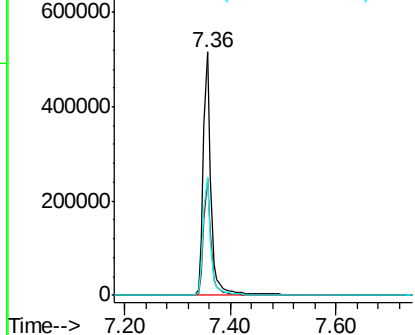
#23
 Nitrobenzene-d5
 Concen: 61.801 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF121243.D
 Acq: 11 Aug 2020 16:46

Instrument :
 BNA_F
 ClientSampleId :
 PN-SP

Tot Ion	82	Resp	532593
Ion Ratio	100	Lower	Upper
128	47.9	39.2	58.8
54	48.5	37.8	56.8

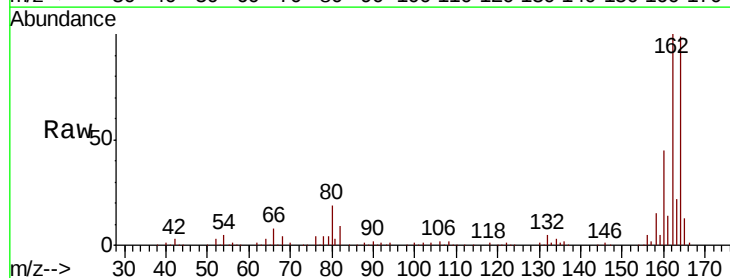


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

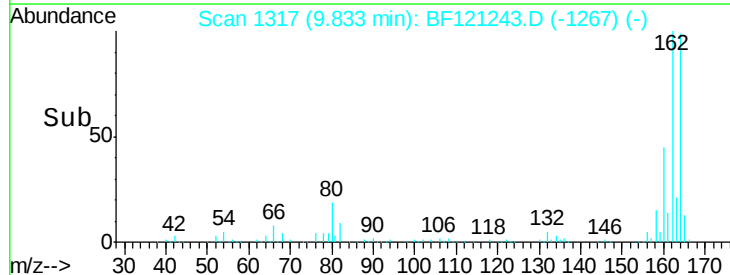
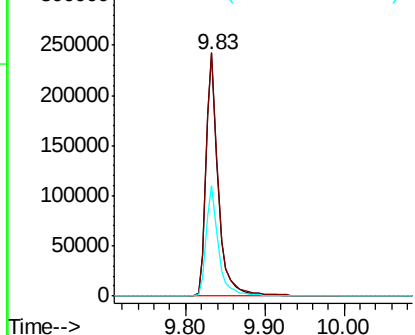


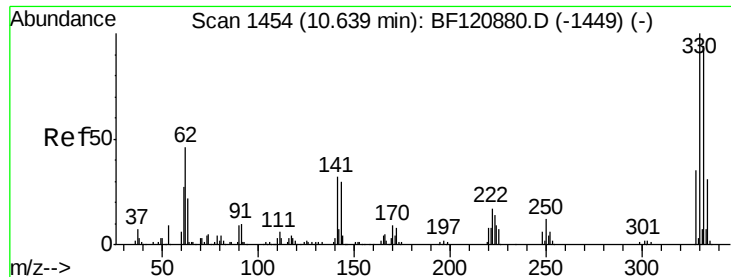
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121243.D
 Acq: 11 Aug 2020 16:46

Tgt Ion	164	Resp	261888
Ion Ratio	100	Lower	Upper
162	100.7	82.2	123.2
160	45.7	37.2	55.8



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

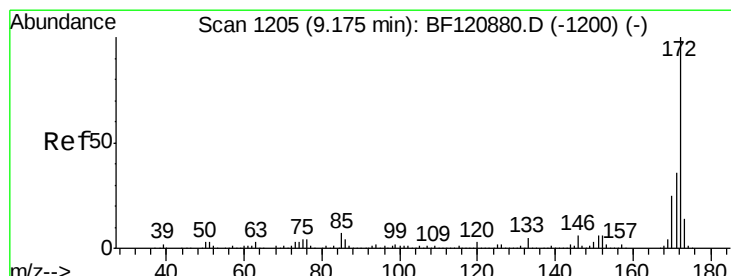
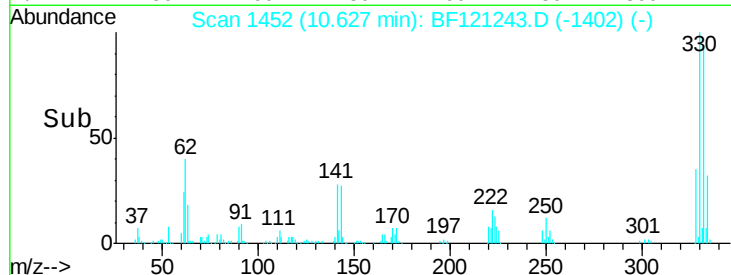
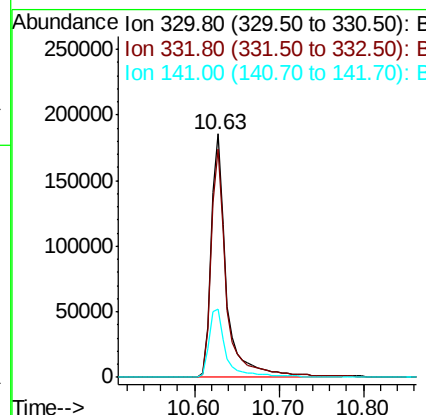
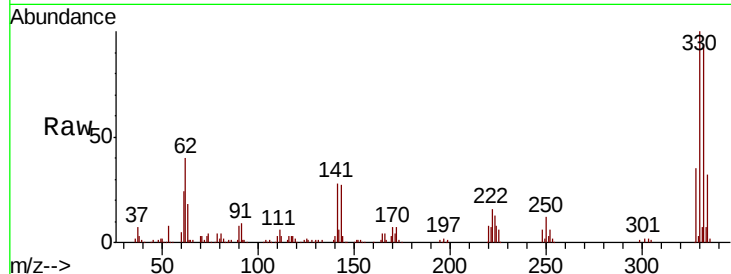




#42
 2,4,6-Tribromophenol
 Concen: 82.371 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121243.D
 Acq: 11 Aug 2020 16:46

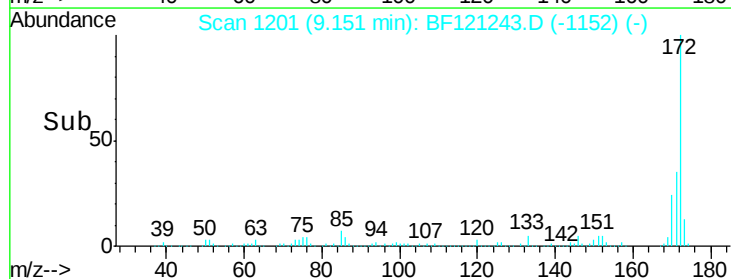
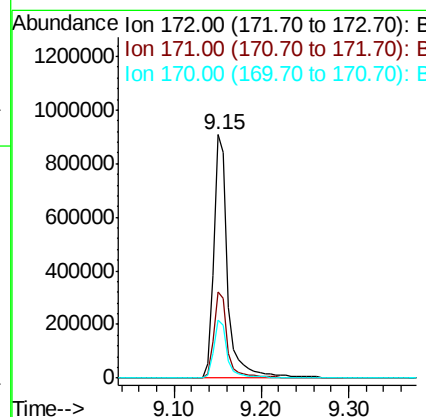
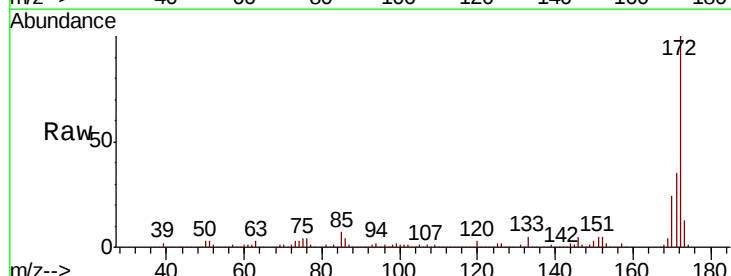
Instrument :
 BNA_F
 ClientSampleId :
 PN-SP

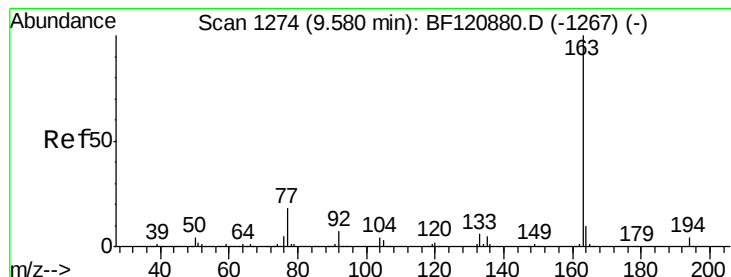
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.1	114.1
141	31.1	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 57.813 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF121243.D
 Acq: 11 Aug 2020 16:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.4
170	23.6	19.6	29.4





#50

Dimethylphthalate

Concen: 4.016 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF121243.D

Acq: 11 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

PN-SP

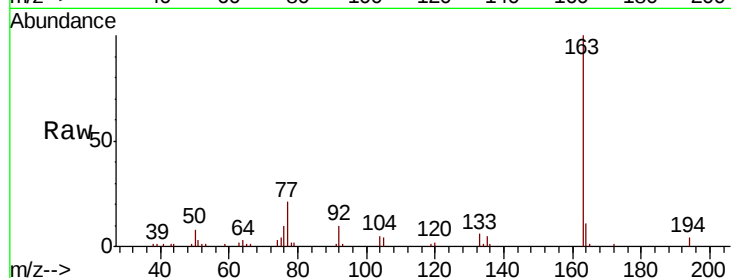
Tot Ion:163 Resp: 75874

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

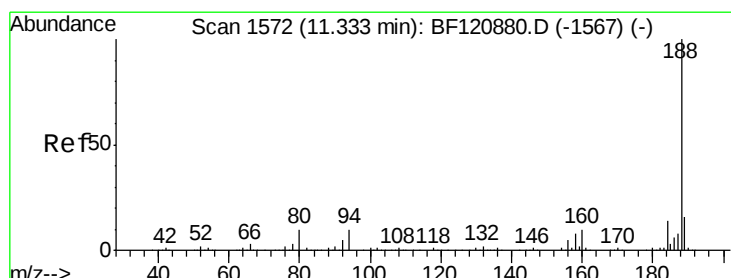
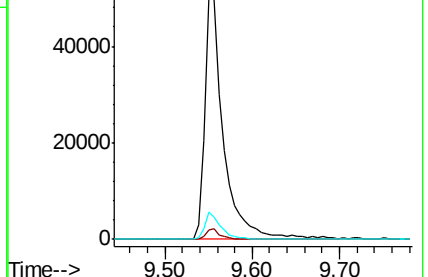
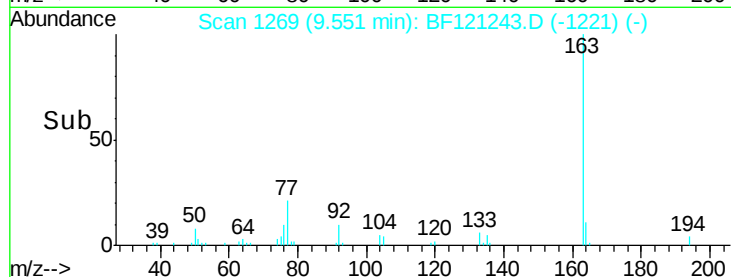
164 11.3 8.4 12.6



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: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF121243.D

Acq: 11 Aug 2020 16:46

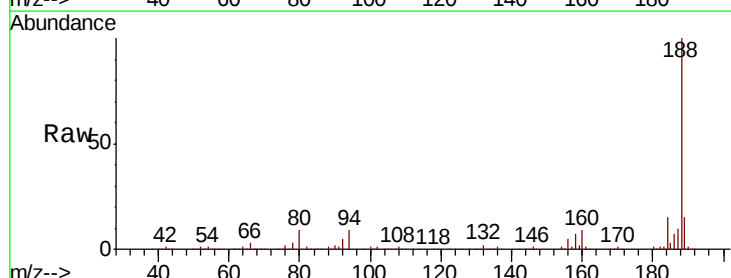
Tgt Ion:188 Resp: 544656

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

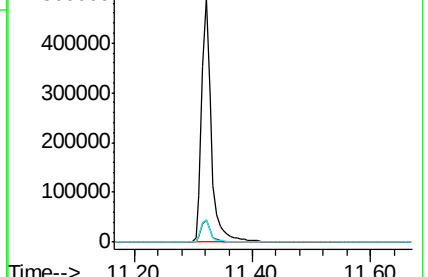
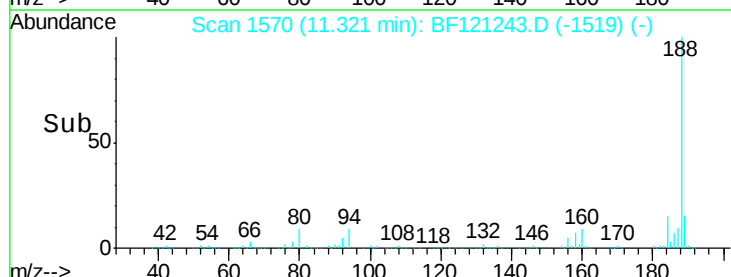
80 9.3 8.3 12.5

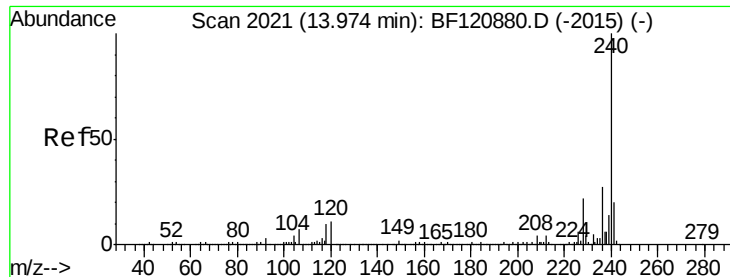


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF121243.D

Acq: 11 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

PN-SP

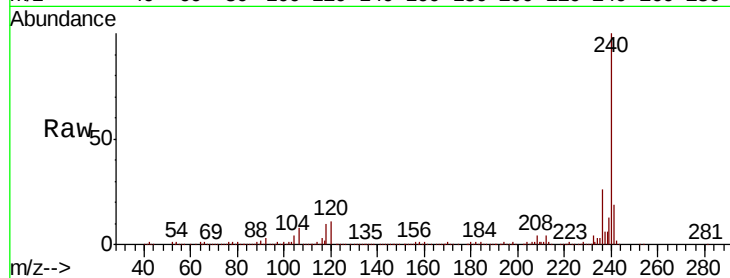
Tot Ion:240 Resp: 477589

Ion Ratio Lower Upper

240 100

120 11.4 9.3 13.9

236 26.2 21.1 31.7



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

600000

500000

400000

300000

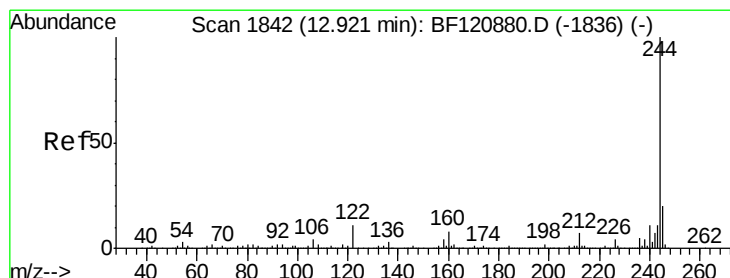
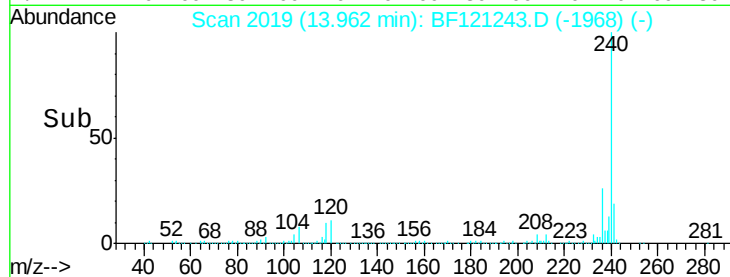
200000

100000

0

13.96

Time--> 13.80 14.00 14.20



#79

Terphenyl-d14

Concen: 50.886 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121243.D

Acq: 11 Aug 2020 16:46

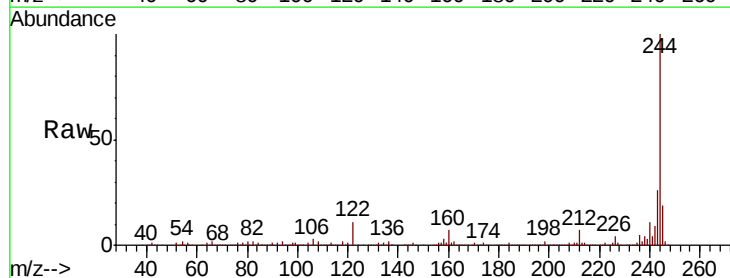
Tgt Ion:244 Resp: 1117988

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 10.5 8.3 12.5



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

1500000

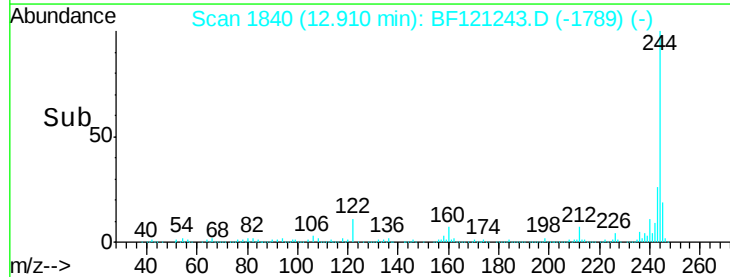
1000000

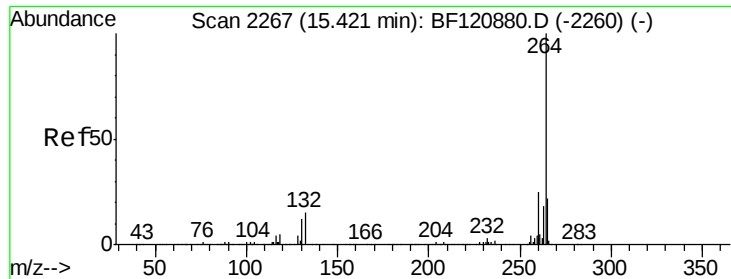
500000

0

12.91

Time--> 12.80 12.90 13.00 13.10





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. 0.01 min

Lab File: BF121243.D

Acq: 11 Aug 2020 16:46

Instrument :

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ClientSampleId :

PN-SP

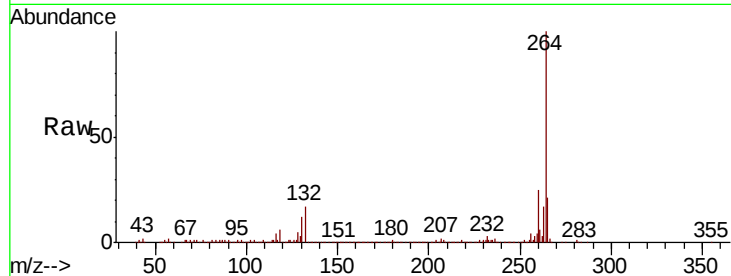
Tot Ion:264 Resp: 424159

Ion Ratio Lower Upper

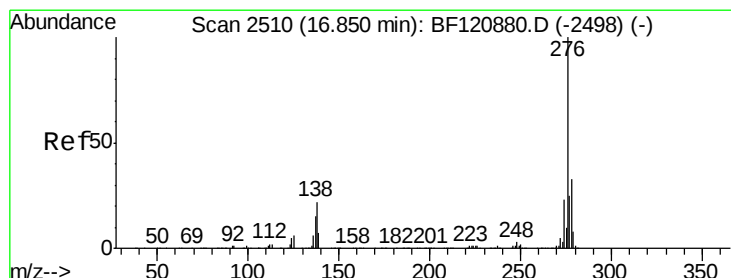
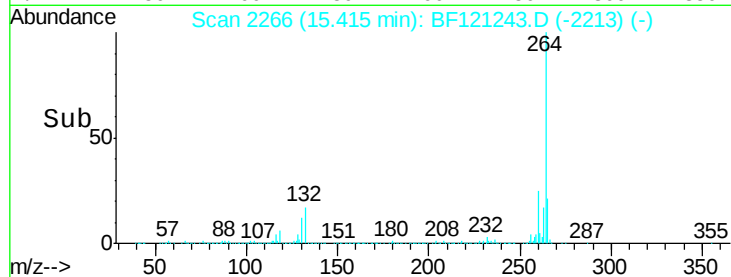
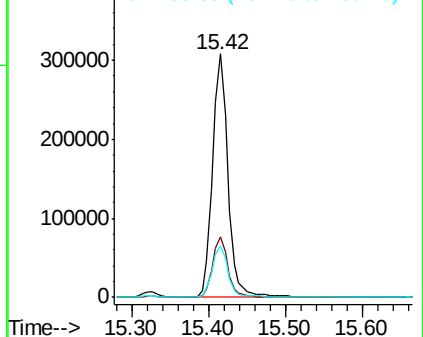
264 100

260 24.8 19.9 29.9

265 21.4 17.8 26.8



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



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.359 ng

RT: 16.85 min Scan# 2510

Delta R.T. 0.02 min

Lab File: BF121243.D

Acq: 11 Aug 2020 16:46

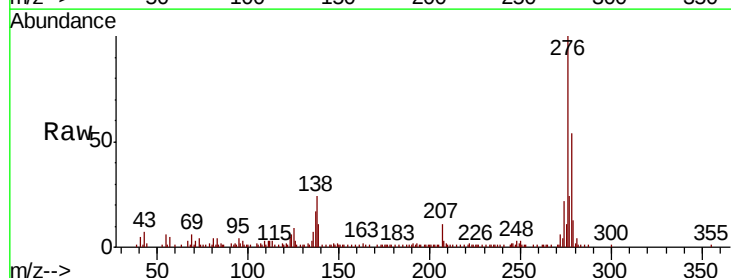
Tgt Ion:276 Resp: 128591

Ion Ratio Lower Upper

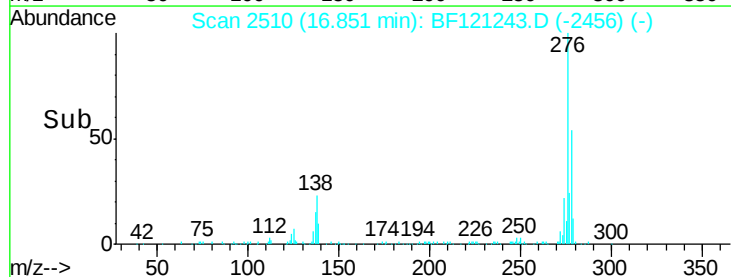
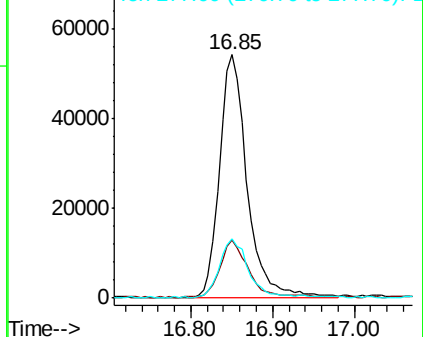
276 100

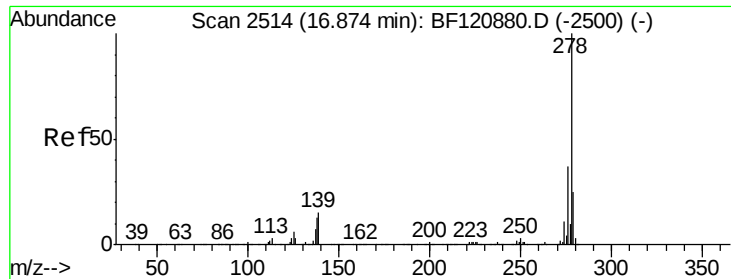
138 25.4 19.3 28.9

277 25.4 20.1 30.1



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





#91

Dibenzo(a,h)anthracene

Concen: 4.068 ng

RT: 16.86 min Scan# 2512

Delta R.T. 0.01 min

Lab File: BF121243.D

Acq: 11 Aug 2020 16:46

Instrument :

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ClientSampleId :

PN-SP

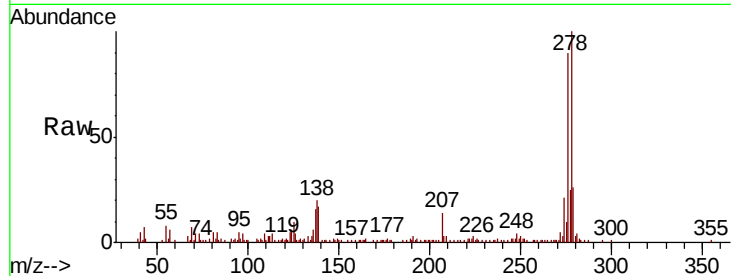
Tot Ion:278 Resp: 98026

Ion Ratio Lower Upper

278 100

139 16.7 12.6 18.8

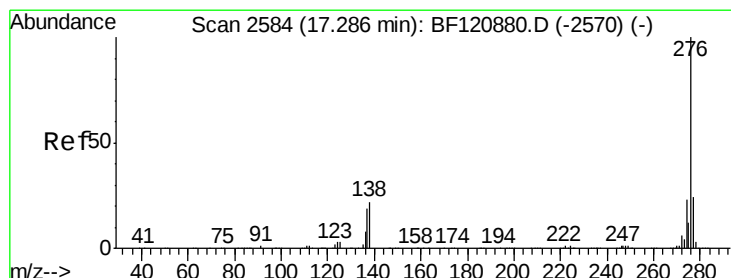
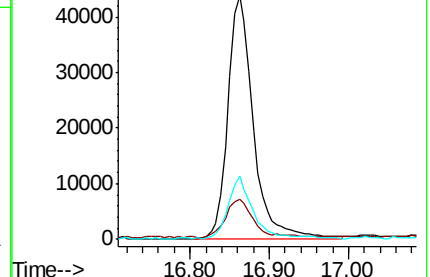
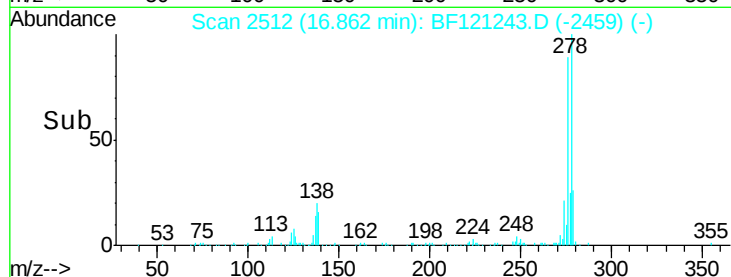
279 25.8 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 5.456 ng

RT: 17.29 min Scan# 2584

Delta R.T. 0.02 min

Lab File: BF121243.D

Acq: 11 Aug 2020 16:46

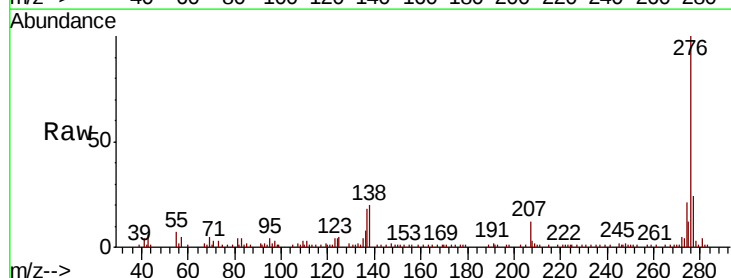
Tgt Ion:276 Resp: 129628

Ion Ratio Lower Upper

276 100

277 24.1 19.4 29.0

138 20.2 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

