

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071320\
 Data File : BF120854.D
 Acq On : 13 Jul 2020 15:43
 Operator : JU/CG
 Sample : L3278-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632

Quant Time: Jul 13 16:17:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 14:16:14 2020
 Response via : Initial Calibration

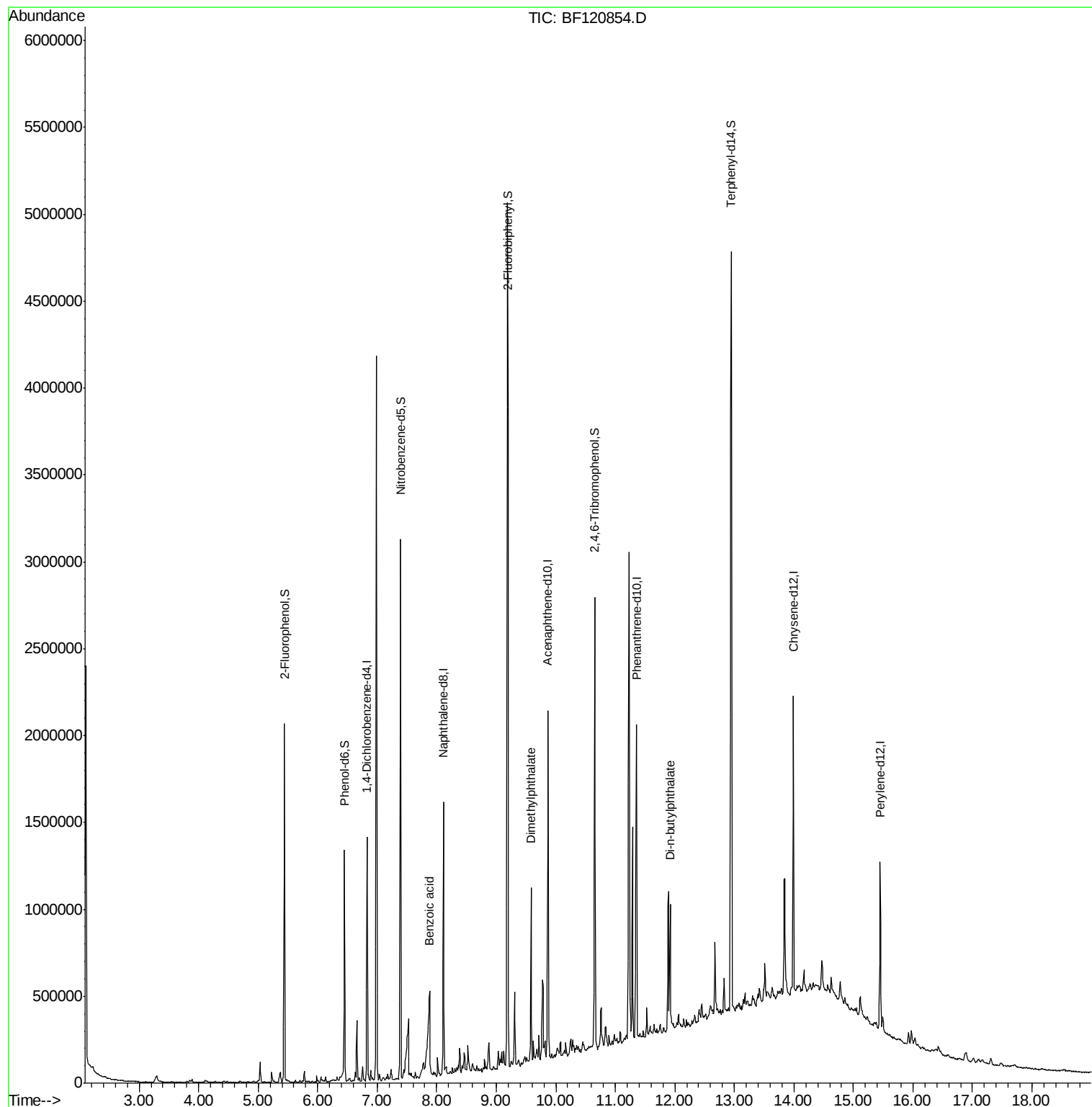
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	198337	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	740513	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	385202	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	725816	20.00	ng	0.00
76) Chrysene-d12	13.99	240	561175	20.00	ng	-0.01
86) Perylene-d12	15.45	264	419797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	558164	43.44	ng	0.00
7) Phenol-d6	6.45	99	425436	25.93	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1164086	91.08	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	359496	92.90	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1944388	76.37	ng	0.00
79) Terphenyl-d14	12.94	244	1992216	69.51	ng	0.00
Target Compounds						
32) Benzoic acid	7.87	122	220467	30.067	ng	96
50) Dimethylphthalate	9.59	163	395218	14.065	ng	99
74) Di-n-butylphthalate	11.92	149	320303	6.765	ng	99

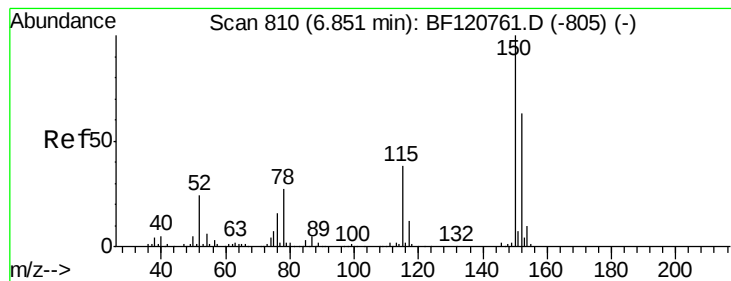
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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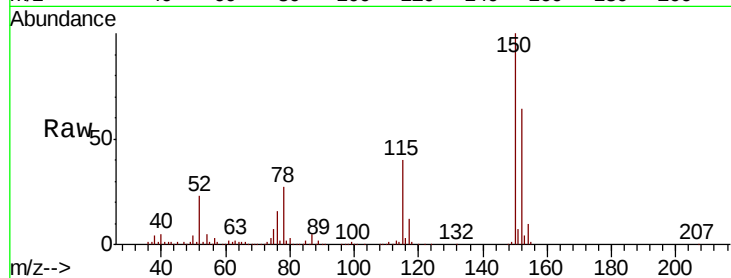


#1

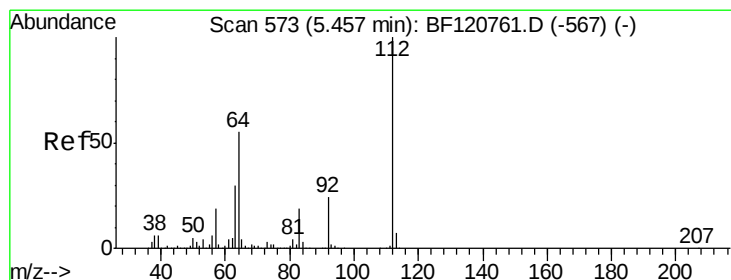
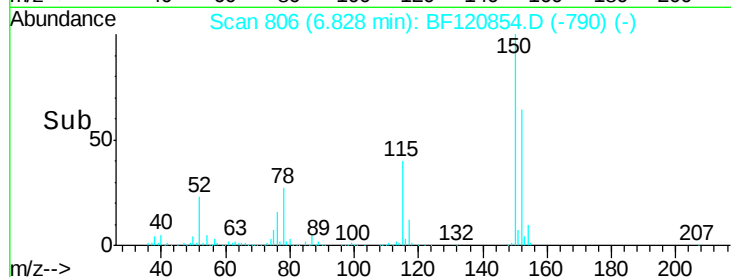
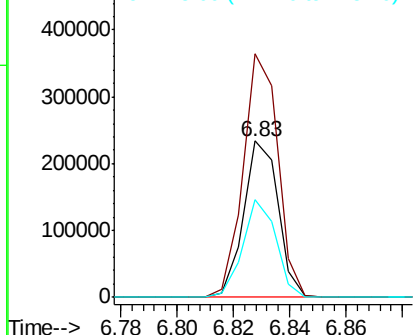
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF120854.D
Acq: 13 Jul 2020 15:43

Instrument :
BNA_F
ClientSampleId :
NCQ-632

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.1	189.1
115	62.6	48.5	72.7



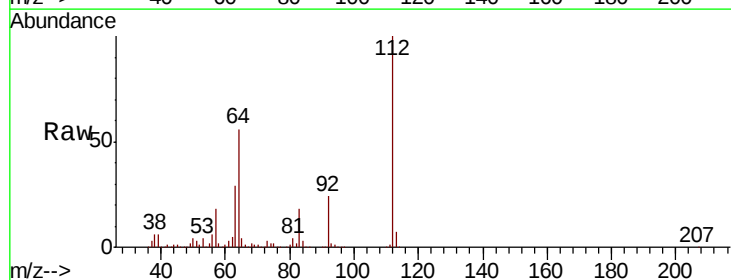
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



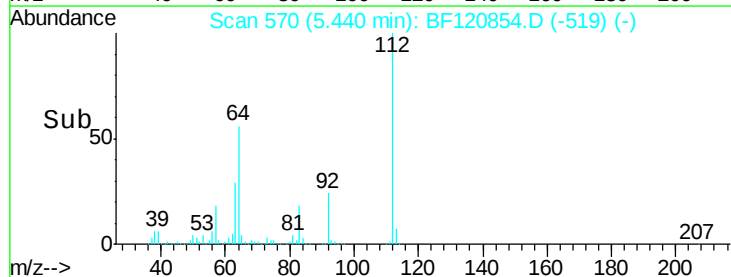
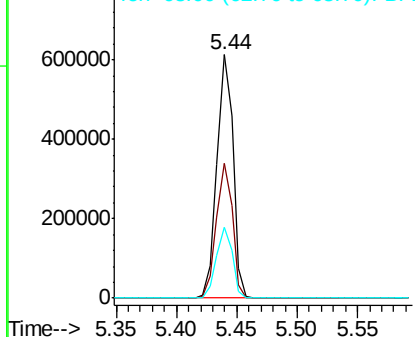
#5

2-Fluorophenol
Concen: 43.442 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF120854.D
Acq: 13 Jul 2020 15:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	43.8	65.6
63	29.2	23.6	35.4



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: 25.928 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF120854.D

Acq: 13 Jul 2020 15:43

Instrument :

BNA_F

ClientSampleId :

NCQ-632

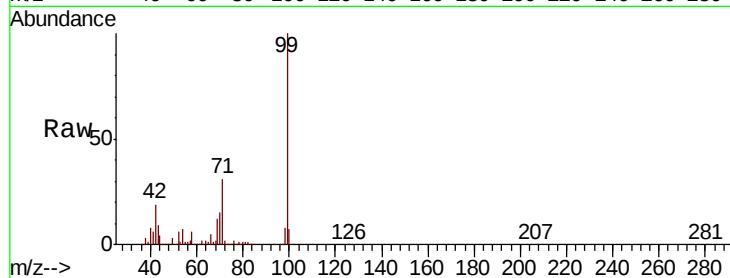
Tot Ion: 99 Resp: 425436

Ion Ratio Lower Upper

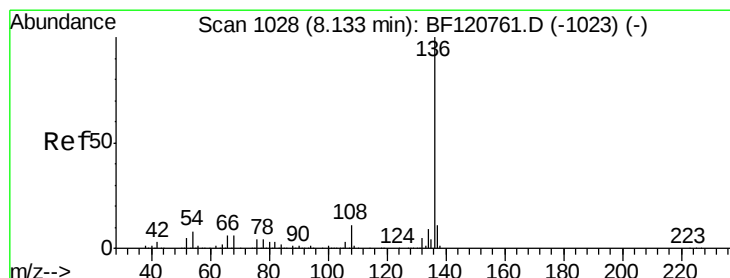
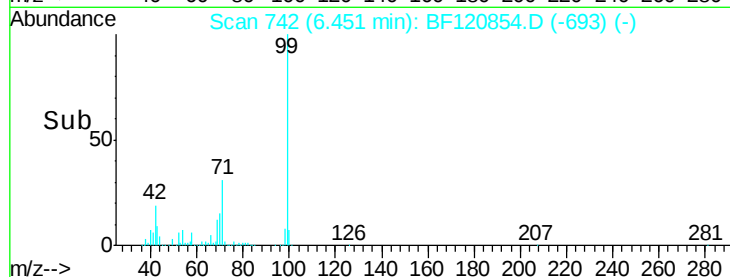
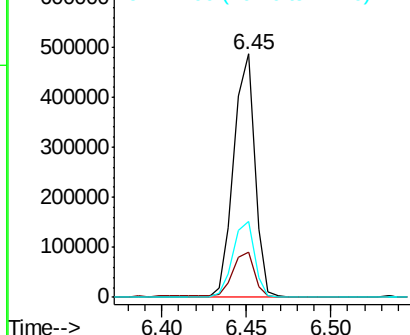
99 100

42 18.7 15.4 23.0

71 31.1 25.9 38.9



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. -0.00 min

Lab File: BF120854.D

Acq: 13 Jul 2020 15:43

Tgt Ion: 136 Resp: 740513

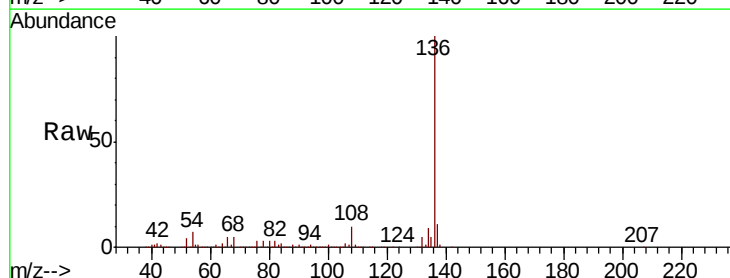
Ion Ratio Lower Upper

136 100

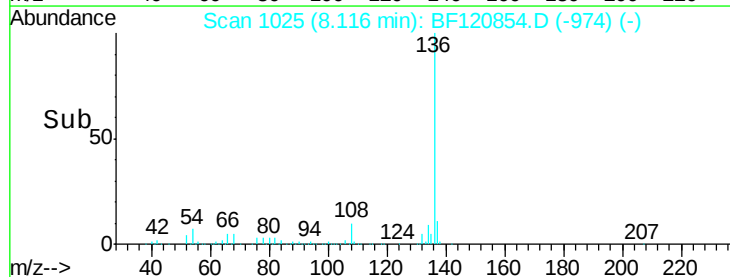
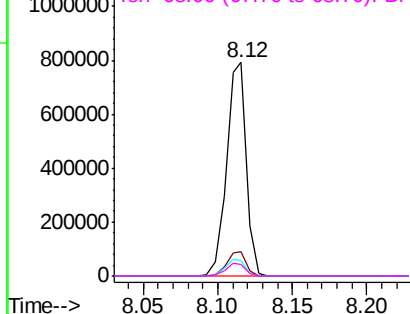
137 11.2 9.0 13.6

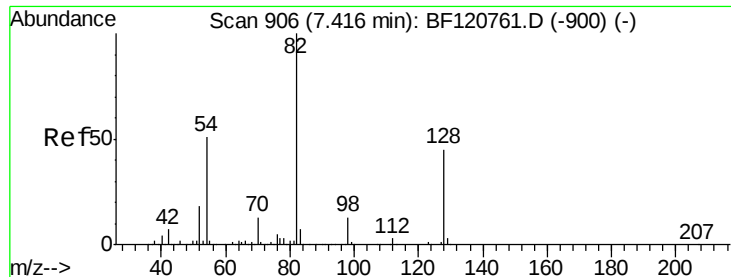
54 7.1 6.2 9.4

68 5.5 4.7 7.1



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

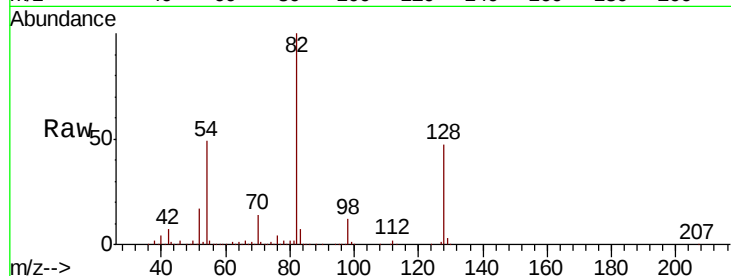




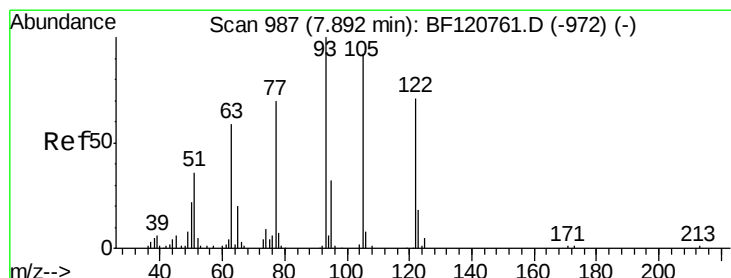
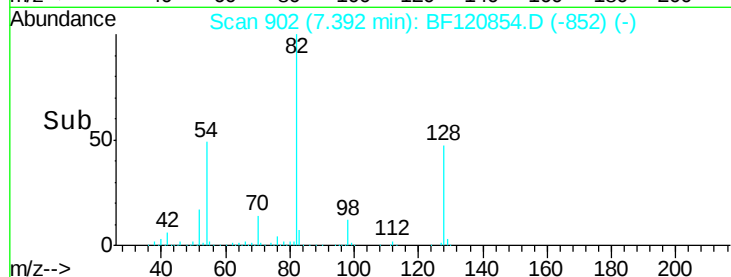
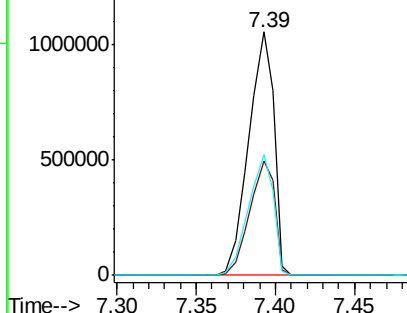
#23
Nitrobenzene-d5
Concen: 91.078 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF120854.D
Acq: 13 Jul 2020 15:43

Instrument :
BNA_F
ClientSampled :
NCQ-632

Tot Ion: 82 Resp: 1164086
Ion Ratio Lower Upper
82 100
128 47.1 35.7 53.5
54 49.4 40.9 61.3

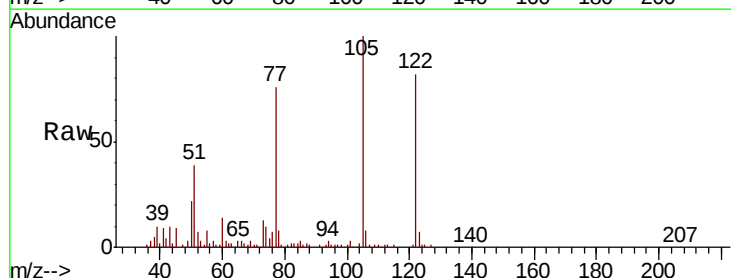


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

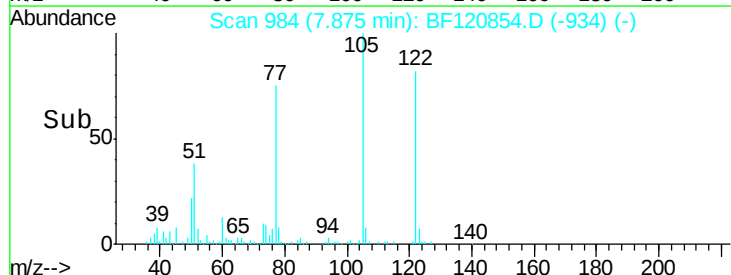
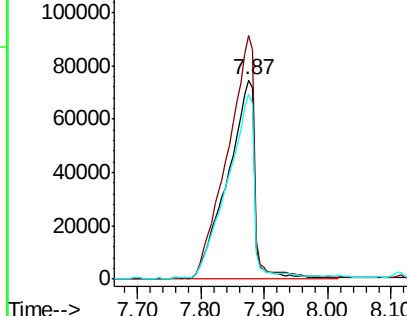


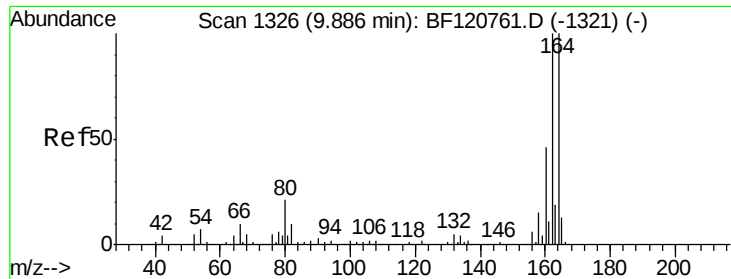
#32
Benzoic acid
Concen: 30.067 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF120854.D
Acq: 13 Jul 2020 15:43

Tgt Ion: 122 Resp: 220467
Ion Ratio Lower Upper
122 100
105 122.4 105.8 145.8
77 92.6 77.3 117.3



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

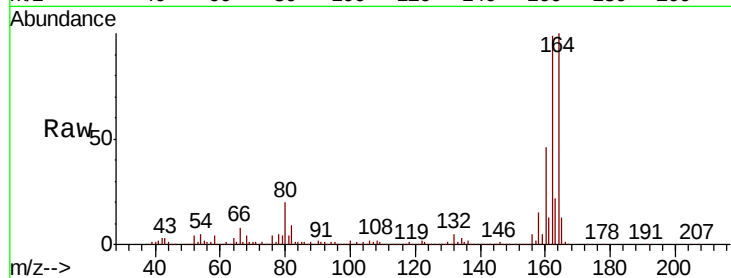




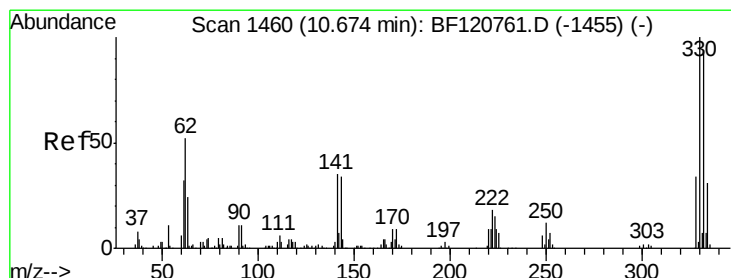
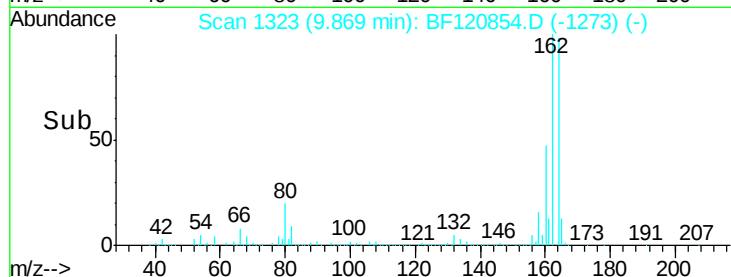
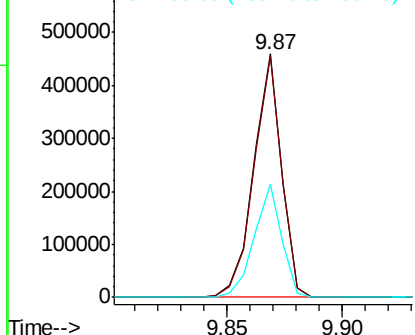
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF120854.D
Acq: 13 Jul 2020 15:43

Instrument :
BNA_F
ClientSampleId :
NCQ-632

Tot Ion:164 Resp: 385202
Ion Ratio Lower Upper
164 100
162 99.2 80.2 120.2
160 46.2 36.9 55.3

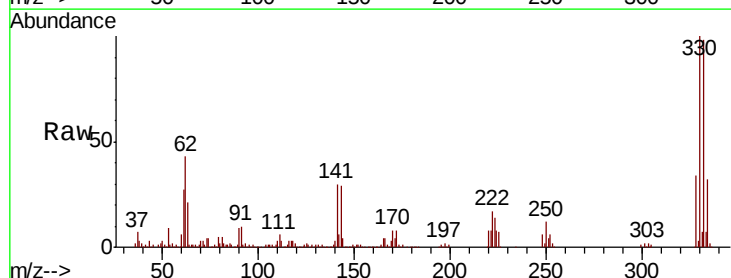


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

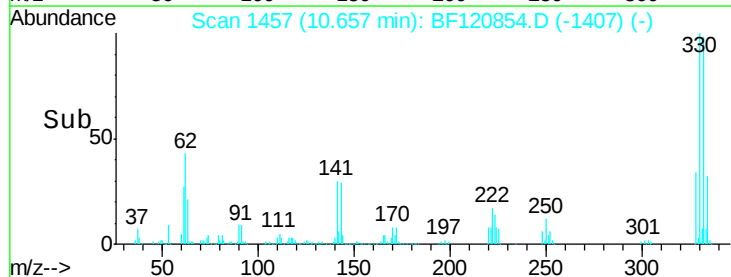
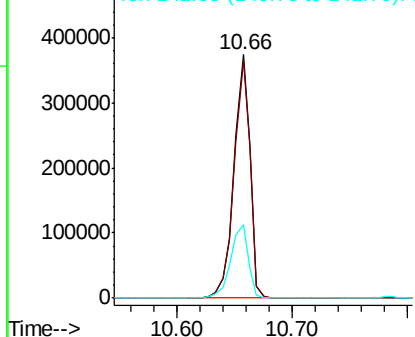


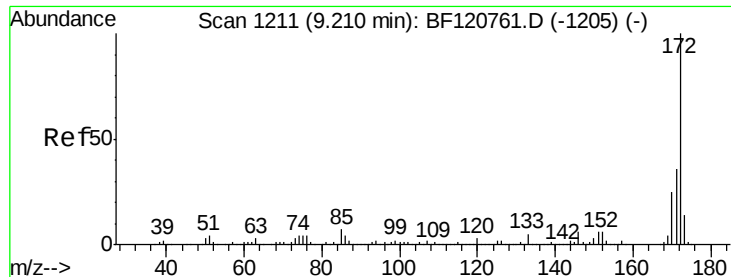
#42
2,4,6-Tribromophenol
Concen: 92.895 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF120854.D
Acq: 13 Jul 2020 15:43

Tgt Ion:330 Resp: 359496
Ion Ratio Lower Upper
330 100
332 97.5 75.8 113.6
141 32.6 29.7 44.5



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

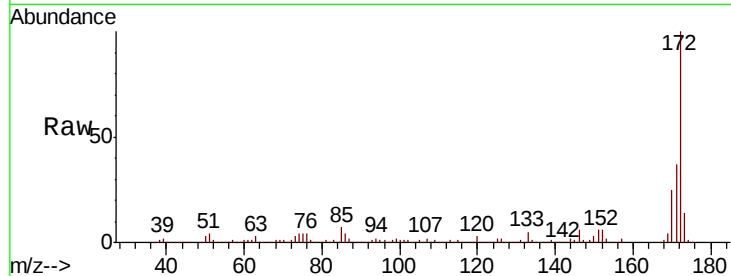




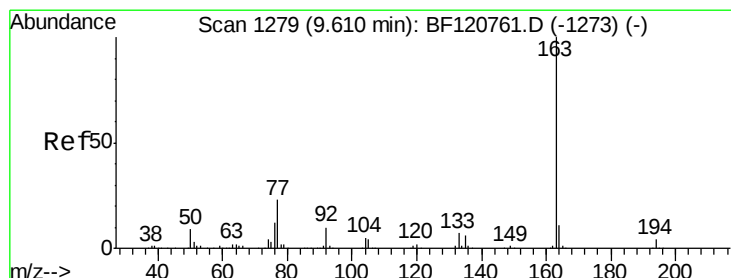
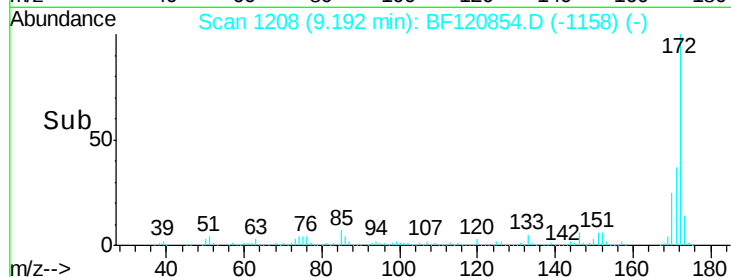
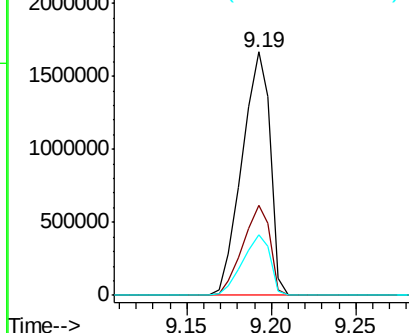
#45
2-Fluorobiphenyl
Concen: 76.369 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF120854.D
Acq: 13 Jul 2020 15:43

Instrument :
BNA_F
ClientSampleId :
NCQ-632

Tot Ion:172 Resp: 1944388
Ion Ratio Lower Upper
172 100
171 36.8 29.1 43.7
170 25.1 19.8 29.6

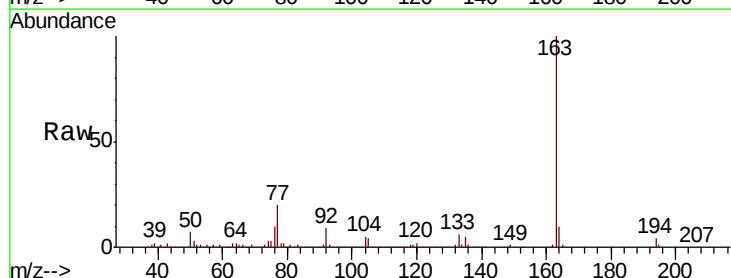


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

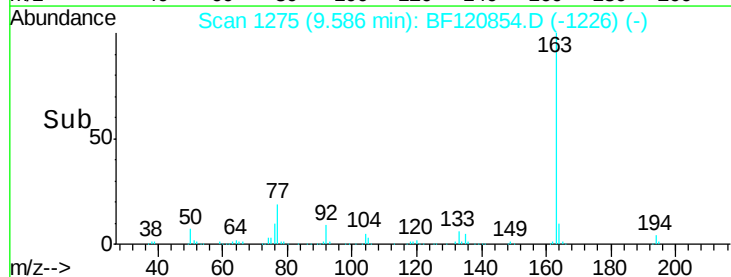
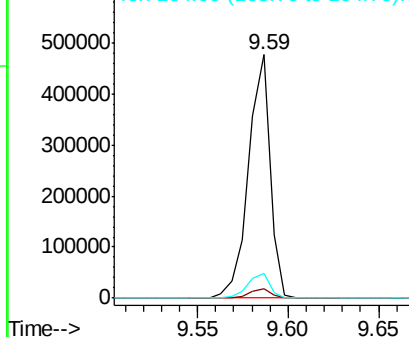


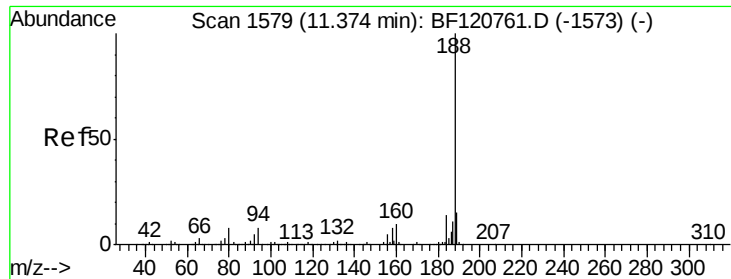
#50
Dimethylphthalate
Concen: 14.065 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF120854.D
Acq: 13 Jul 2020 15:43

Tgt Ion:163 Resp: 395218
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 9.9 8.5 12.7



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# 1576

Delta R.T. -0.00 min

Lab File: BF120854.D

Acq: 13 Jul 2020 15:43

Instrument :

BNA_F

ClientSampleId :

NCQ-632

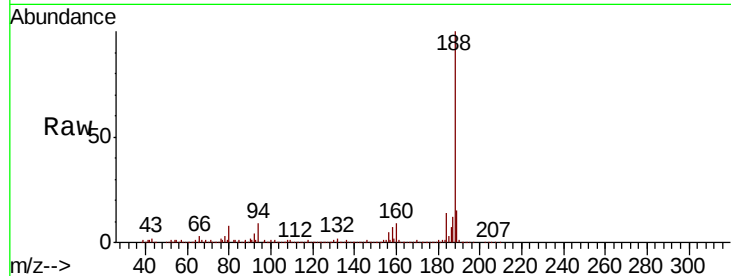
Tot Ion:188 Resp: 725816

Ion Ratio Lower Upper

188 100

94 8.6 6.6 9.8

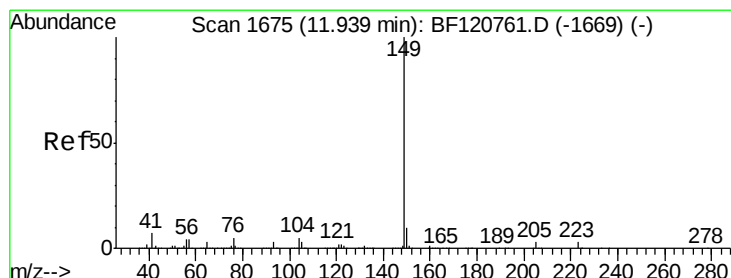
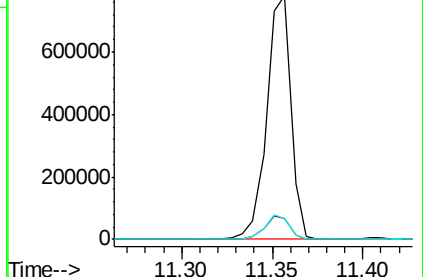
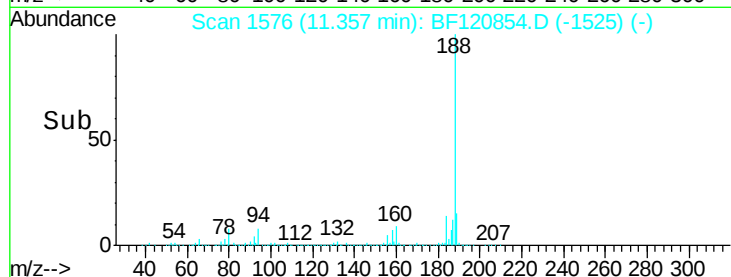
80 8.4 6.6 10.0



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



#74

Di-n-butylphthalate

Concen: 6.765 ng

RT: 11.92 min Scan# 1672

Delta R.T. -0.00 min

Lab File: BF120854.D

Acq: 13 Jul 2020 15:43

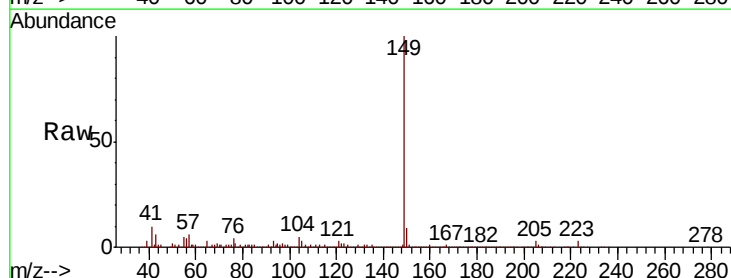
Tgt Ion:149 Resp: 320303

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

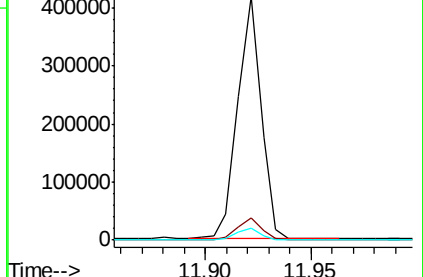
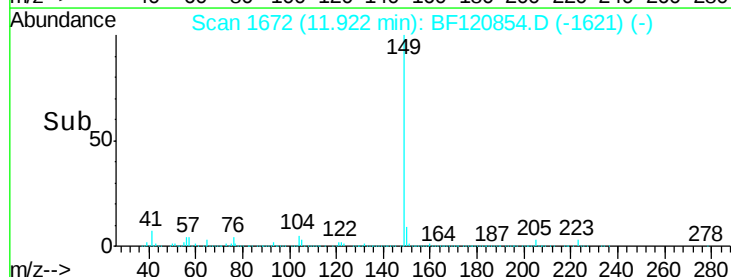
104 5.0 4.0 6.0

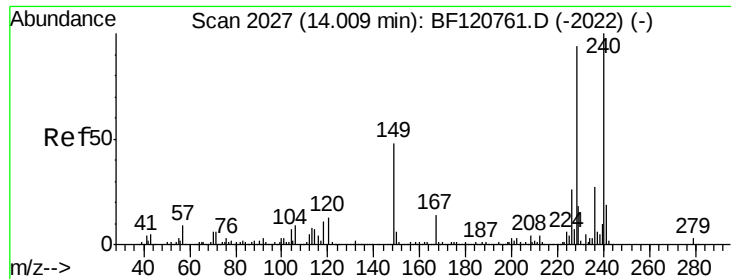


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF120854.D

Acq: 13 Jul 2020 15:43

Instrument :

BNA_F

ClientSampleId :

NCQ-632

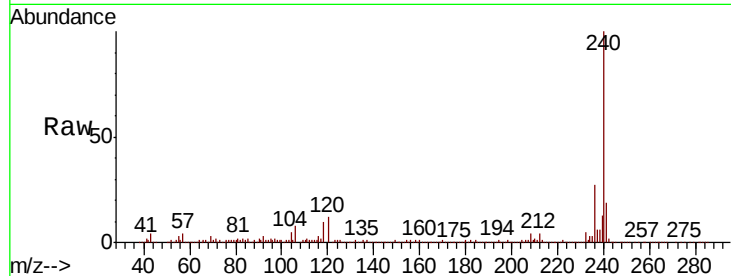
Tot Ion:240 Resp: 561175

Ion Ratio Lower Upper

240 100

120 12.0 10.3 15.5

236 27.1 21.4 32.2



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

800000

600000

400000

200000

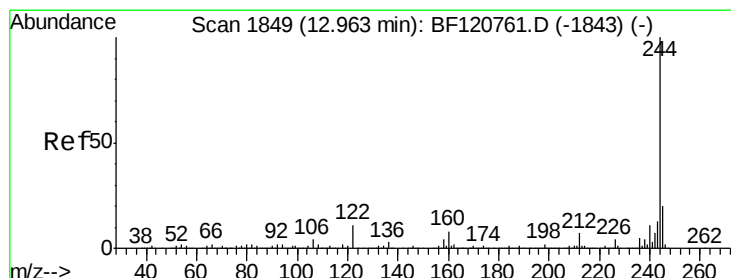
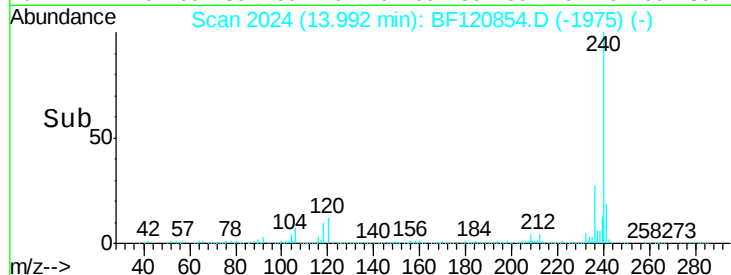
0

13.99

14.00

14.10

Time-->



#79

Terphenyl-d14

Concen: 69.507 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BF120854.D

Acq: 13 Jul 2020 15:43

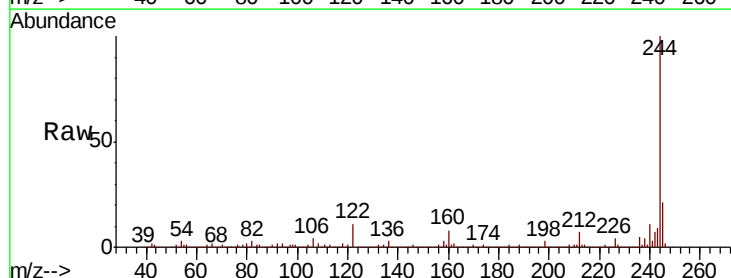
Tgt Ion:244 Resp: 1992216

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 10.7 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

2000000

1500000

1000000

500000

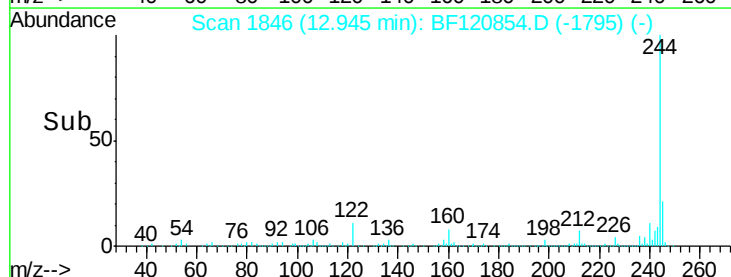
0

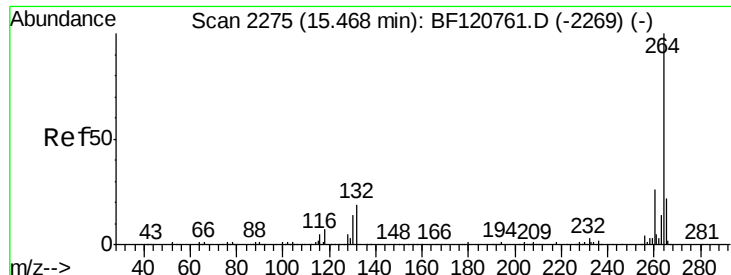
12.94

12.95

12.96

Time-->

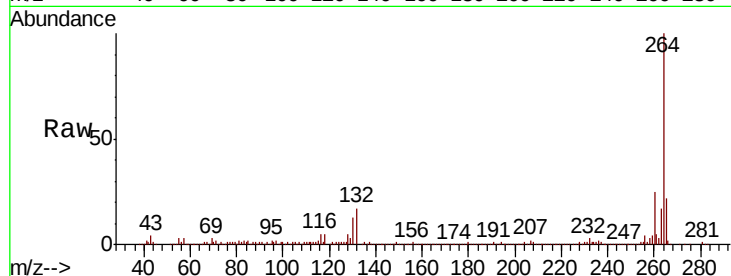




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF120854.D
Acq: 13 Jul 2020 15:43

Instrument :
BNA_F
ClientSampleId :
NCQ-632

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.6	30.8
265	21.9	17.6	26.4



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

