

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120105.D
 Acq On : 21 Apr 2020 16:36
 Operator : MA/SJ
 Sample : L2331-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-22A

Quant Time: Apr 22 01:48:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 13:48:22 2020
 Response via : Initial Calibration

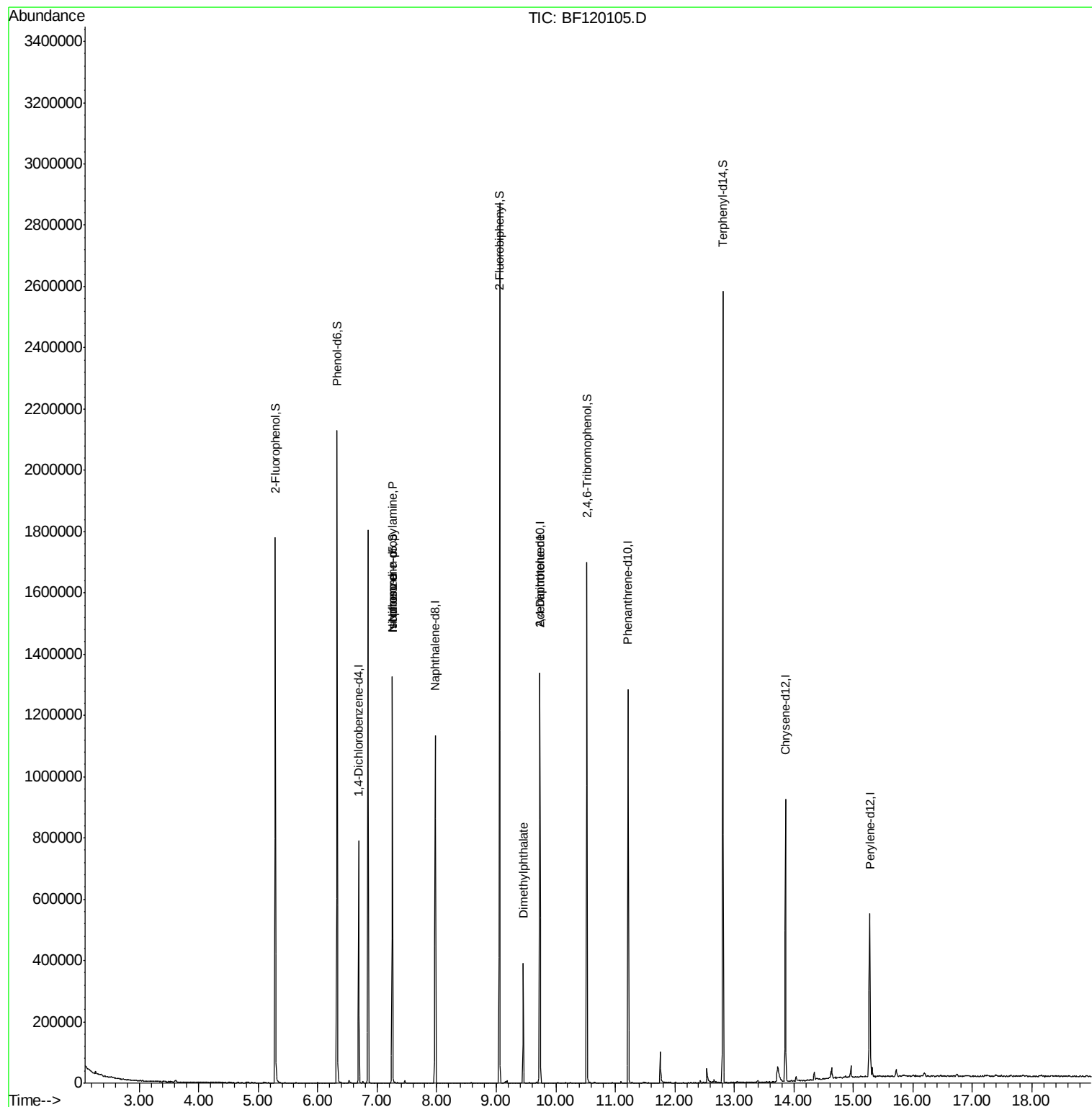
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	120010	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	472018	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	242710	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	455124	20.00	ng	0.00
76) Chrysene-d12	13.86	240	289559	20.00	ng	-0.01
87) Perylene-d12	15.27	264	236848	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	469644	67.63	ng	0.00
7) Phenol-d6	6.33	99	622150	69.53	ng	0.00
23) Nitrobenzene-d5	7.26	82	382223	41.89	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	168479	56.70	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	776107	45.40	ng	0.00
79) Terphenyl-d14	12.81	244	843978	49.04	ng	0.00
Target Compounds						
9) Benzaldehyde	6.32	77	777	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.26	70	48836	8.487	ng	# 76
25) Isophorone	7.26	82	382220	21.731	ng	# 65
50) Dimethylphthalate	9.45	163	138304	7.367	ng	# 99
57) 2,4-Dinitrotoluene	9.73	165	31368	5.791	ng	# 22

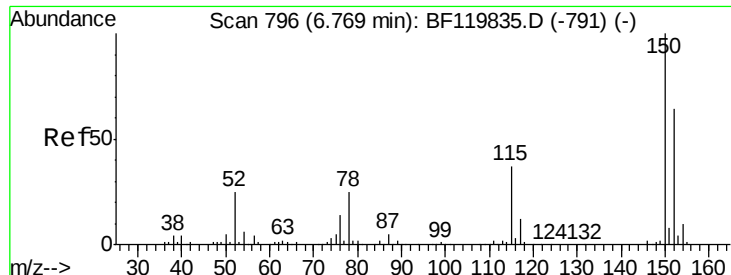
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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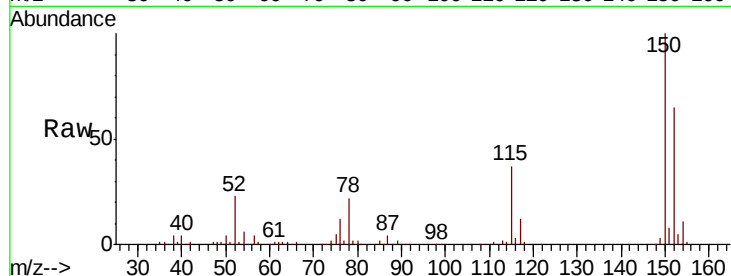


#1

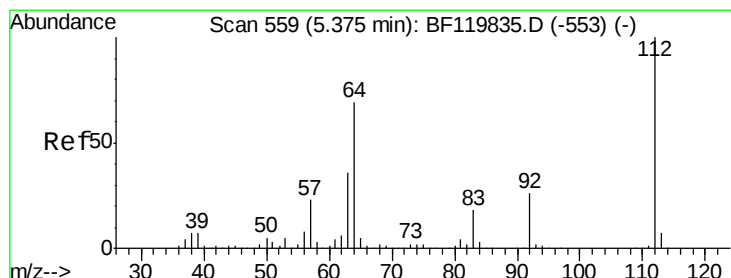
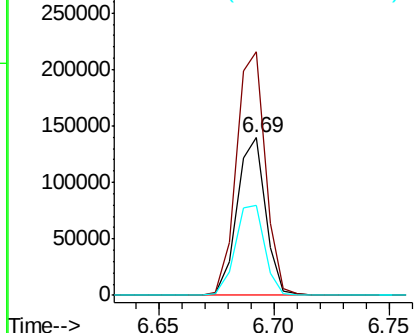
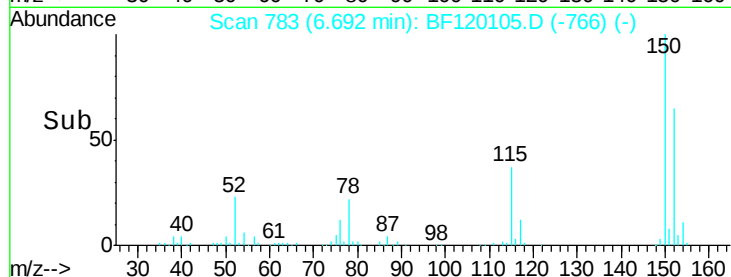
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF120105.D
 Acq: 21 Apr 2020 16:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-22A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.8	187.2
115	57.4	46.5	69.7



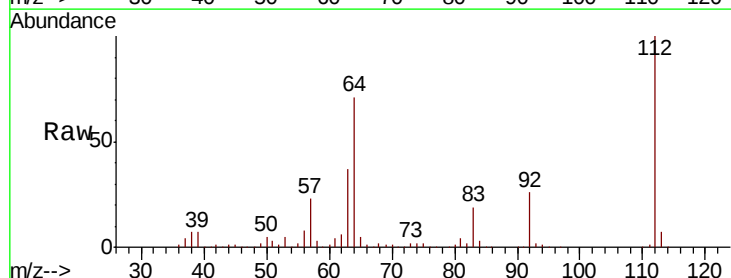
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



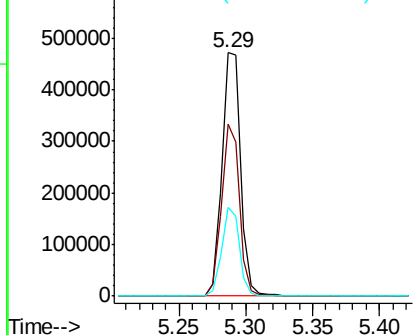
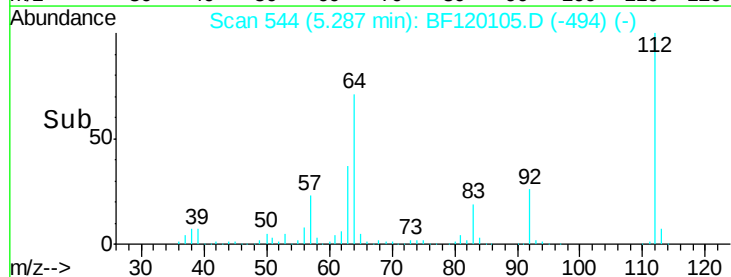
#5

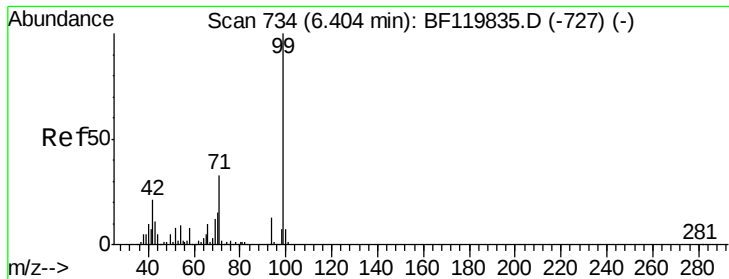
2-Fluorophenol
 Concen: 67.630 ng
 RT: 5.29 min Scan# 544
 Delta R.T. -0.01 min
 Lab File: BF120105.D
 Acq: 21 Apr 2020 16:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.8	55.5	83.3
63	36.6	29.1	43.7



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: 69.529 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF120105.D

Acq: 21 Apr 2020 16:36

Instrument :

BNA_F

ClientSampleId :

TP-22A

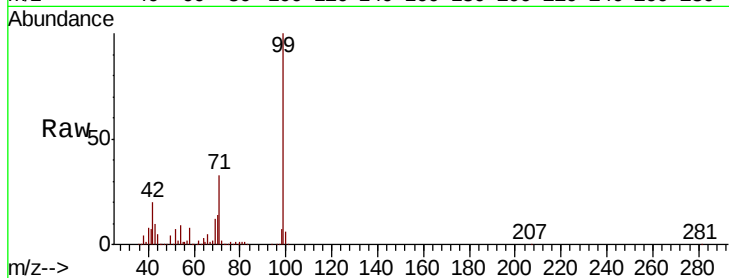
Tot Ion: 99 Resp: 622150

Ion Ratio Lower Upper

99 100

42 19.9 16.9 25.3

71 32.5 26.3 39.5



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

6.33

800000

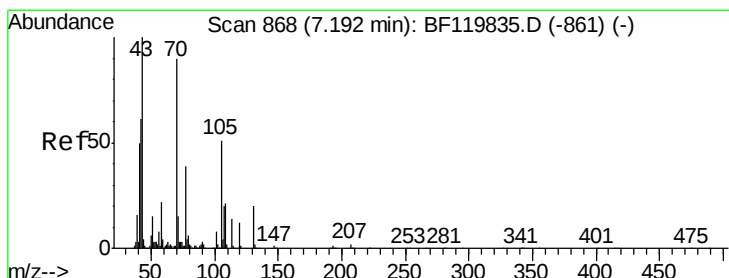
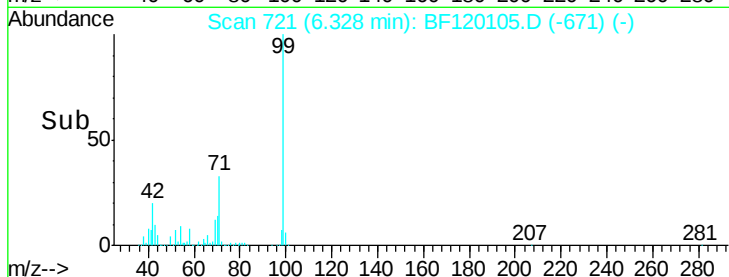
600000

400000

200000

0

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 8.487 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF120105.D

Acq: 21 Apr 2020 16:36

Tgt Ion: 70 Resp: 48836

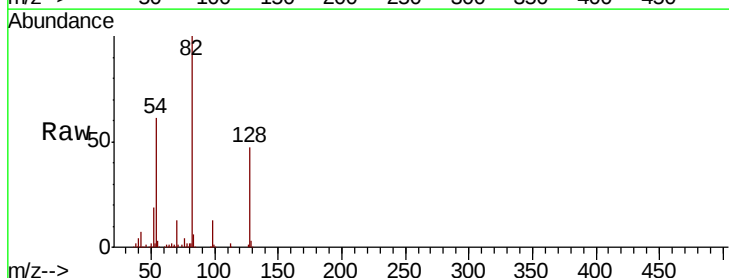
Ion Ratio Lower Upper

70 100

42 53.2 54.2 81.4#

101 0.0 7.4 11.2#

130 2.4 17.8 26.6#



Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

7.26

80000

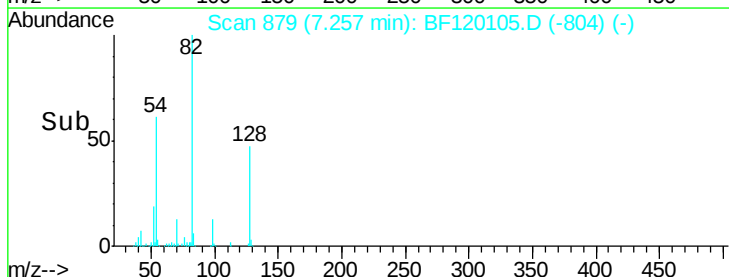
60000

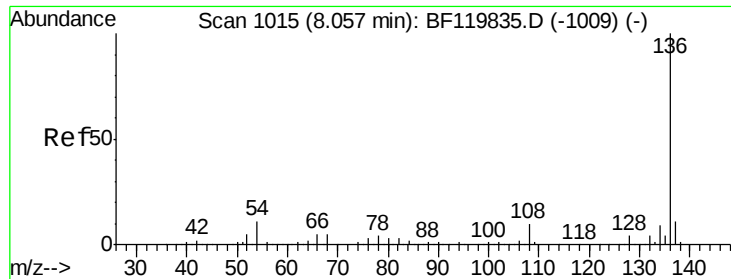
40000

20000

0

Time-->

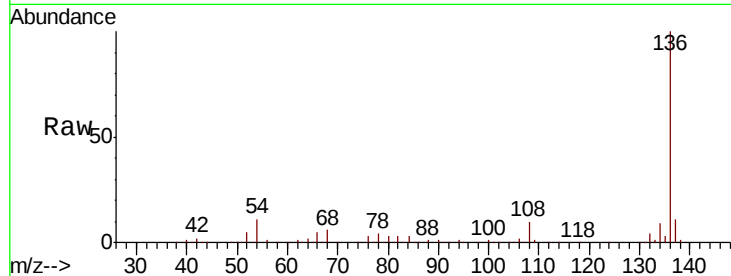




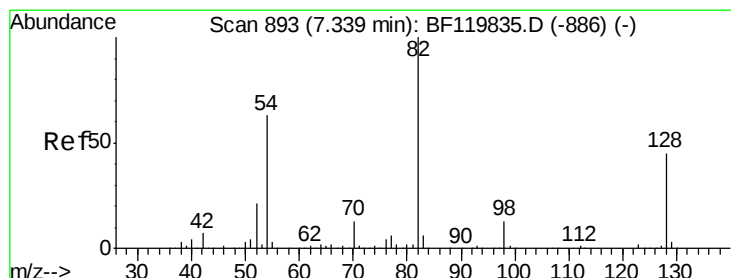
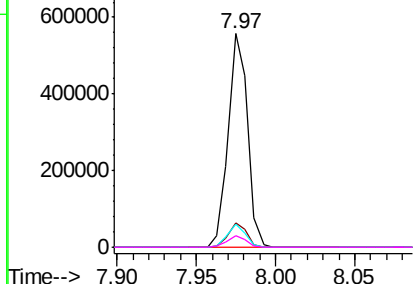
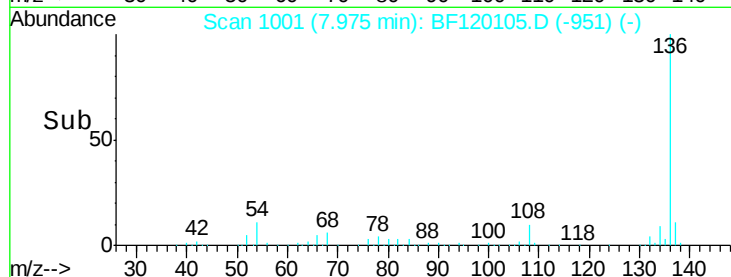
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF120105.D
Acq: 21 Apr 2020 16:36

Instrument :
BNA_F
ClientSampleId :
TP-22A

Tot Ion:136	Resp:	472018
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.7 13.1
54	10.9	8.5 12.7
68	5.6	3.9 5.9

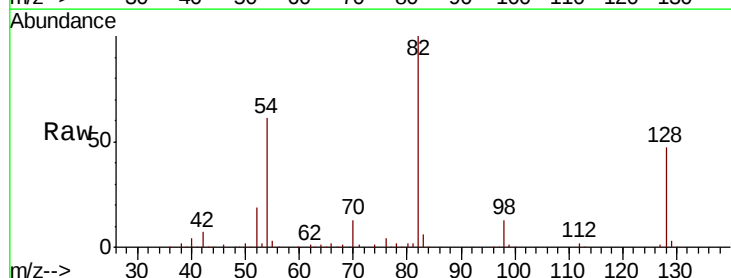


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

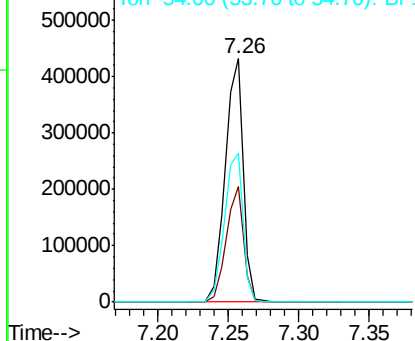
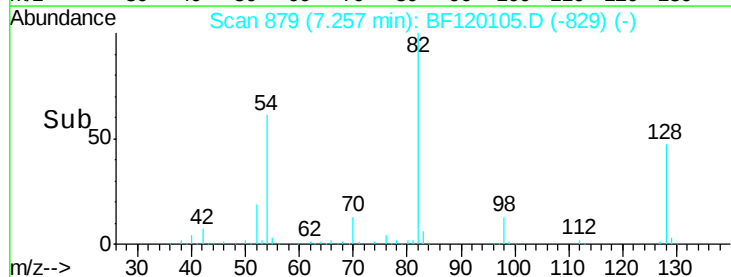


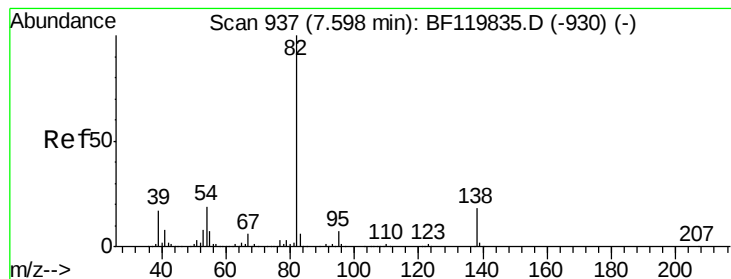
#23
Nitrobenzene-d5
Concen: 41.892 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF120105.D
Acq: 21 Apr 2020 16:36

Tgt Ion: 82	Resp:	382223
Ion Ratio	Lower	Upper
82	100	
128	47.4	36.2 54.4
54	61.1	50.4 75.6



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





#25

Isophorone

Concen: 21.731 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF120105.D

Acq: 21 Apr 2020 16:36

Instrument :

BNA_F

ClientSampled :

TP-22A

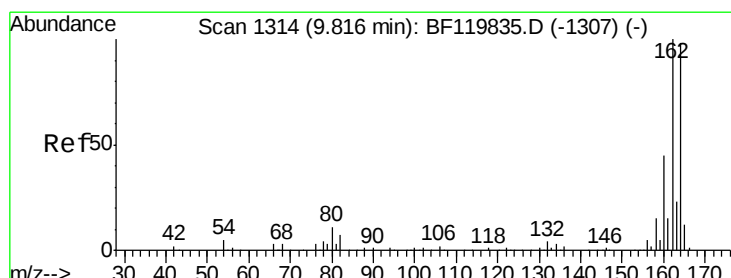
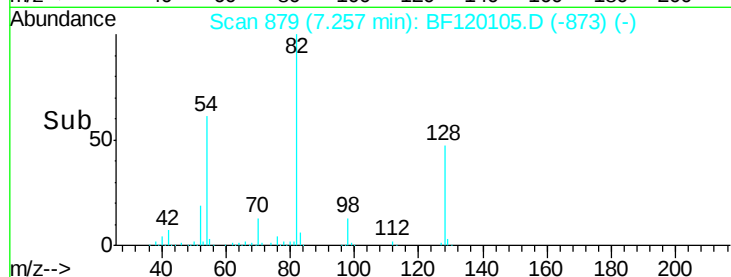
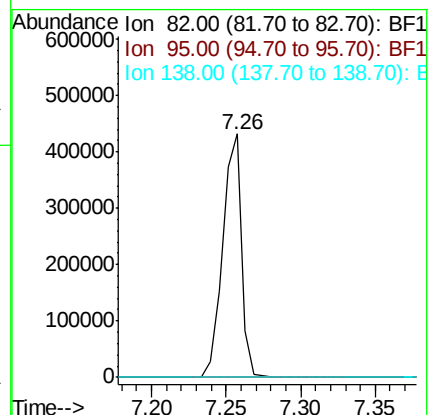
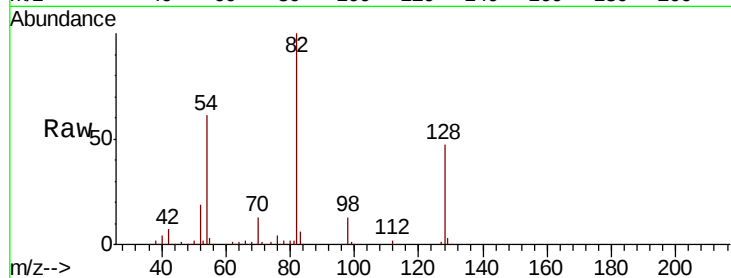
Tot Ion: 82 Resp: 382220

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF120105.D

Acq: 21 Apr 2020 16:36

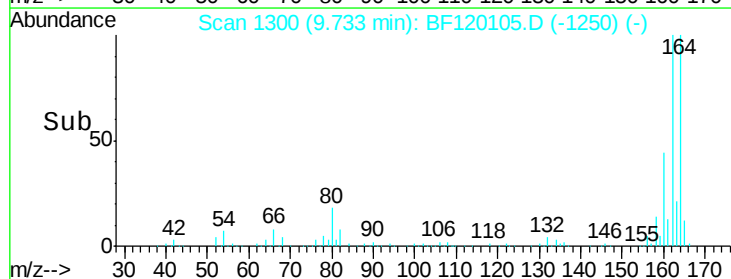
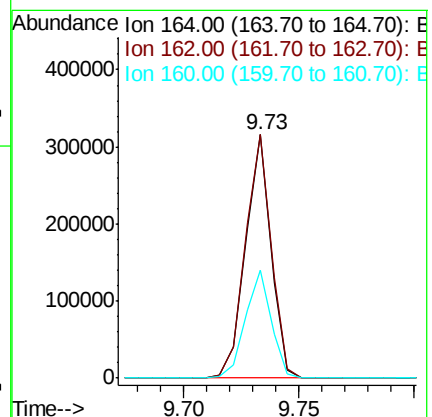
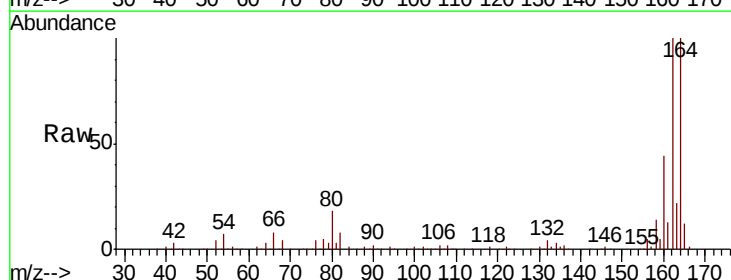
Tgt Ion:164 Resp: 242710

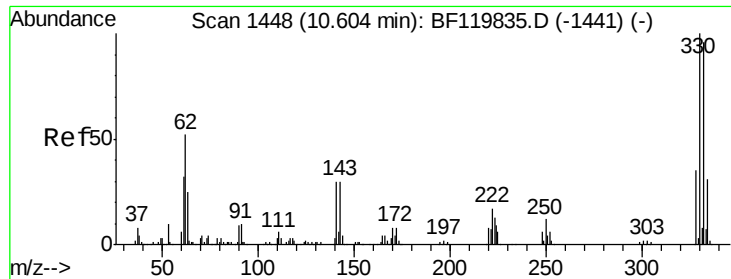
Ion Ratio Lower Upper

164 100

162 99.9 81.9 122.9

160 44.2 36.6 54.8

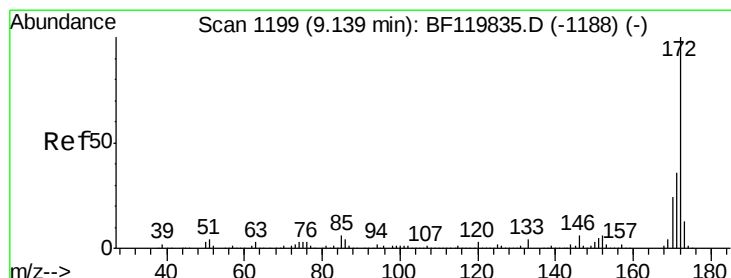
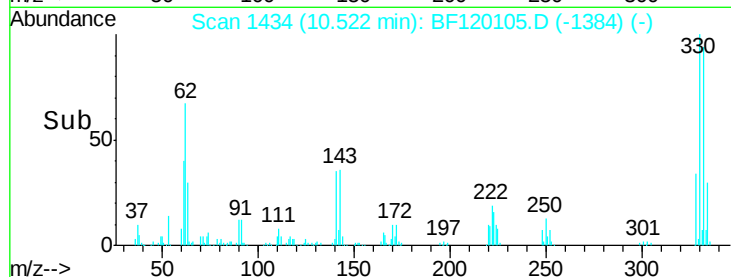
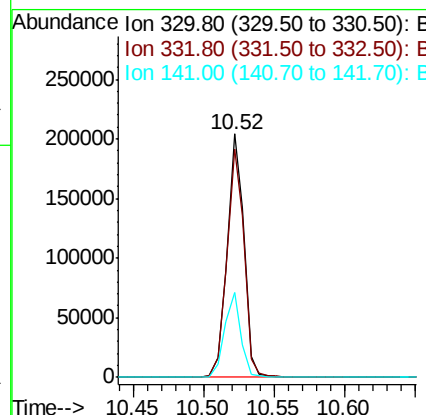
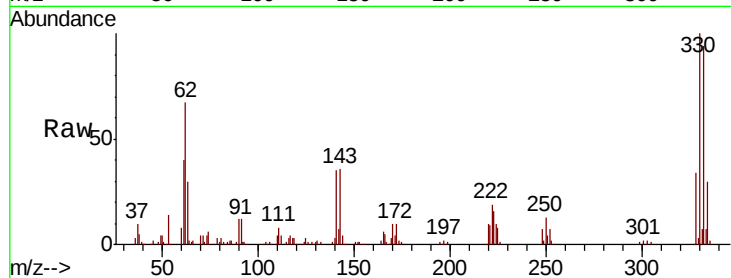




#42
 2,4,6-Tribromophenol
 Concen: 56.696 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF120105.D
 Acq: 21 Apr 2020 16:36

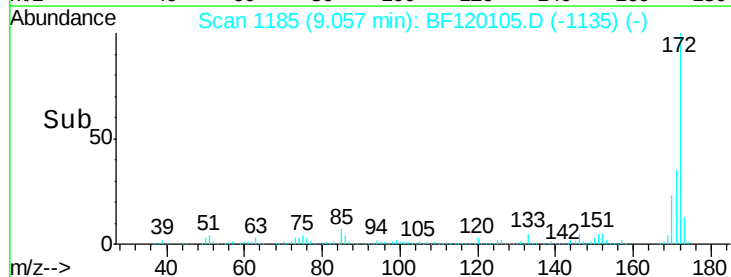
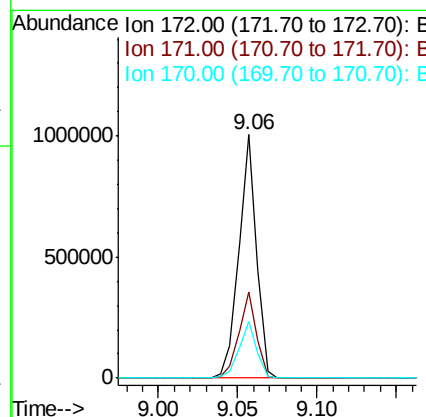
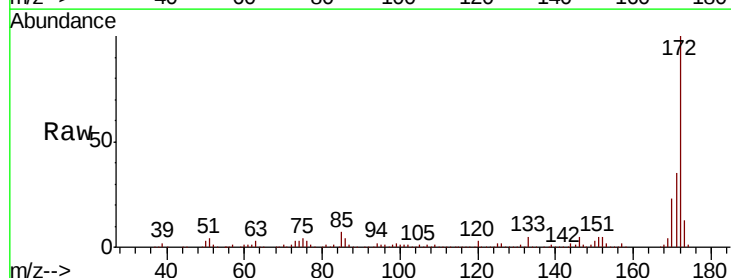
Instrument :
 BNA_F
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 TP-22A

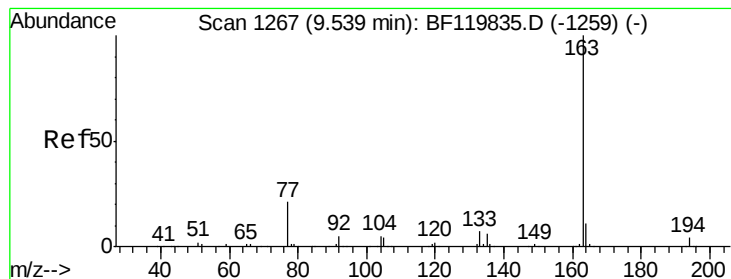
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.8	115.2
141	33.9	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 45.400 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF120105.D
 Acq: 21 Apr 2020 16:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.9	43.3
170	23.1	19.4	29.2





#50

Dimethylphthalate

Concen: 7.367 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF120105.D

Acq: 21 Apr 2020 16:36

Instrument :

BNA_F

ClientSampleId :

TP-22A

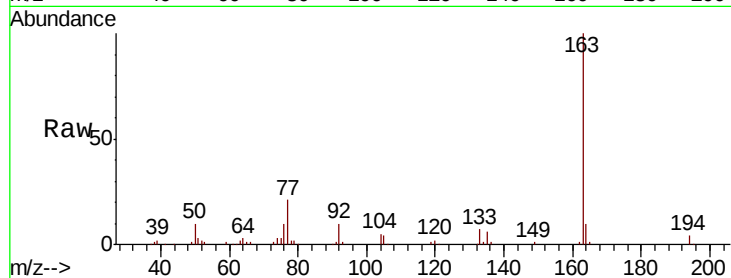
Tot Ion:163 Resp: 138304

Ion Ratio Lower Upper

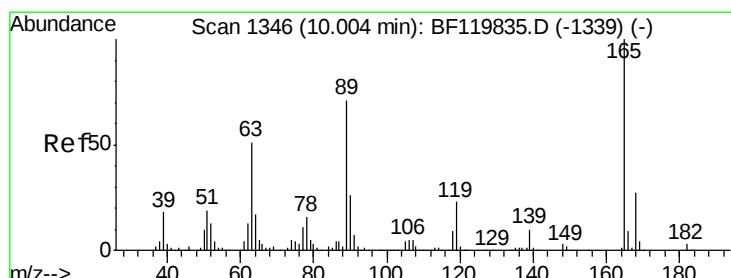
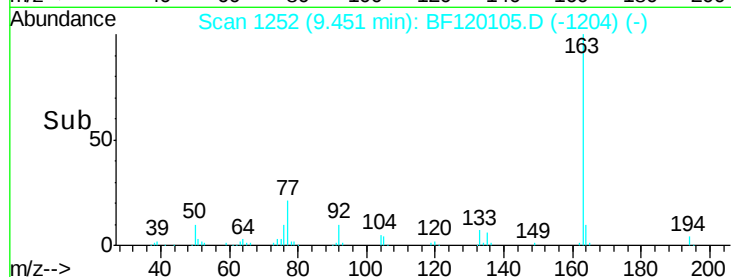
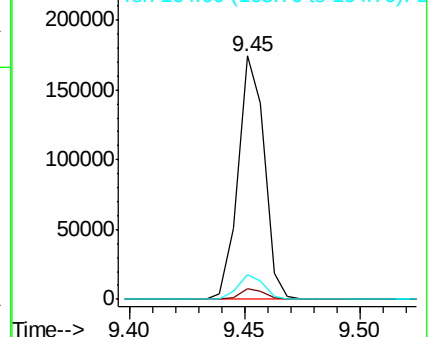
163 100

194 4.2 3.0 4.4

164 10.1 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



#57

2,4-Dinitrotoluene

Concen: 5.791 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.20 min

Lab File: BF120105.D

Acq: 21 Apr 2020 16:36

Tgt Ion:165 Resp: 31368

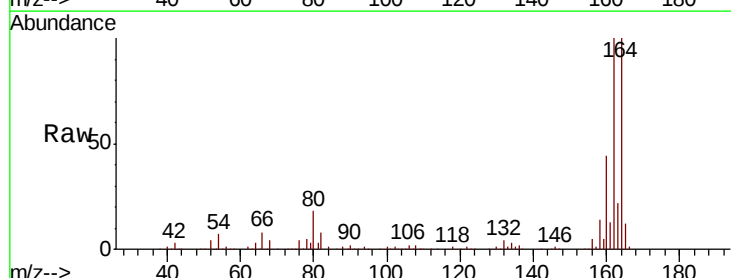
Ion Ratio Lower Upper

165 100

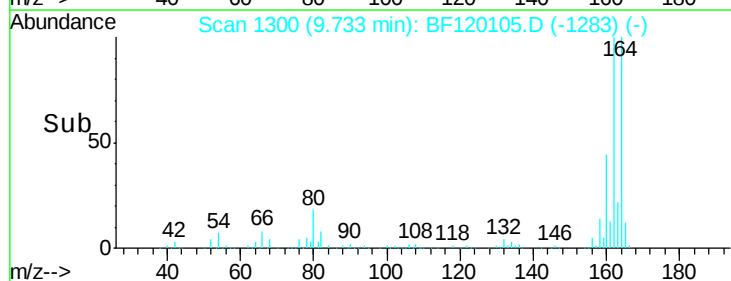
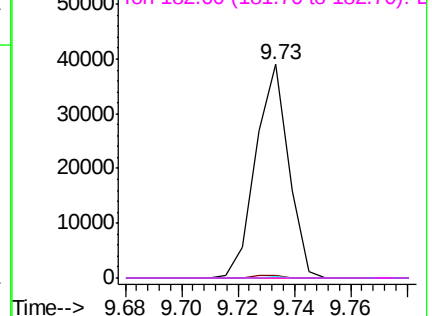
63 1.1 40.8 61.2#

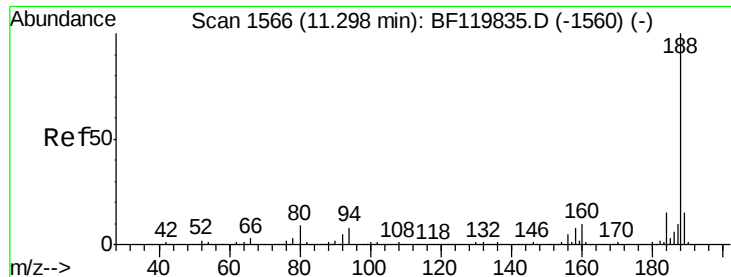
89 0.8 56.9 85.3#

182 0.0 2.0 3.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

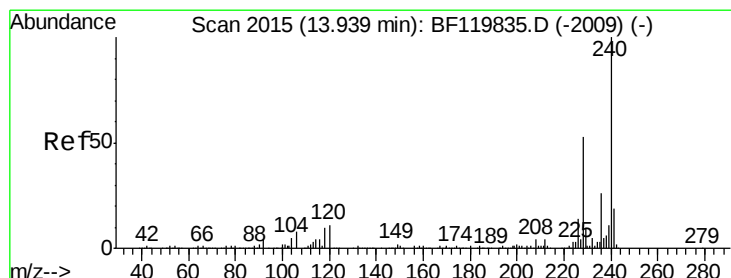
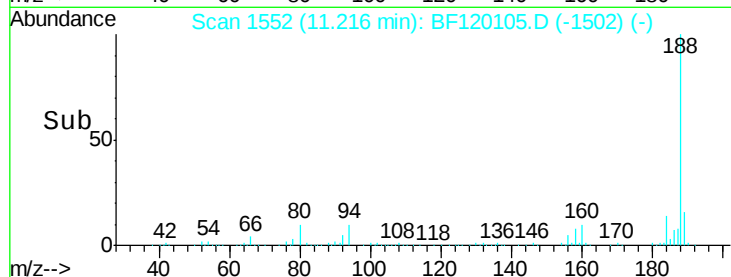
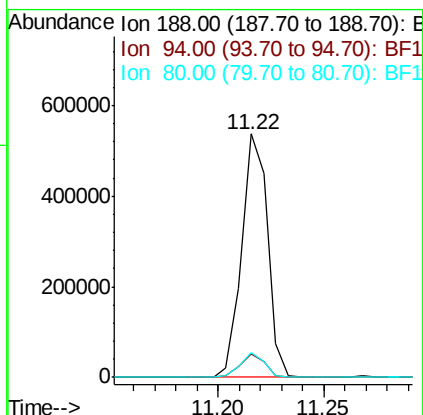
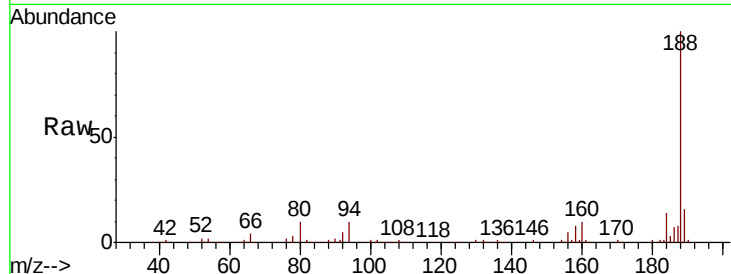




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF120105.D
Acq: 21 Apr 2020 16:36

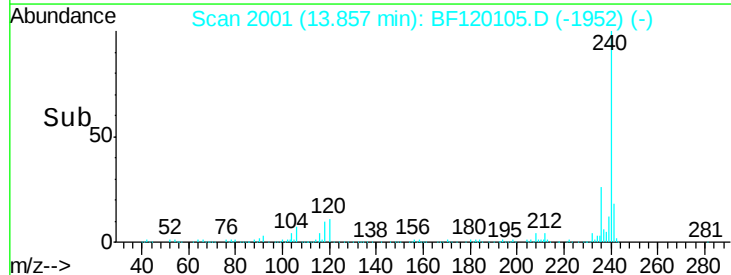
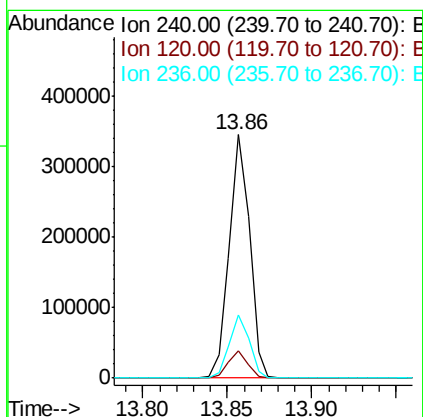
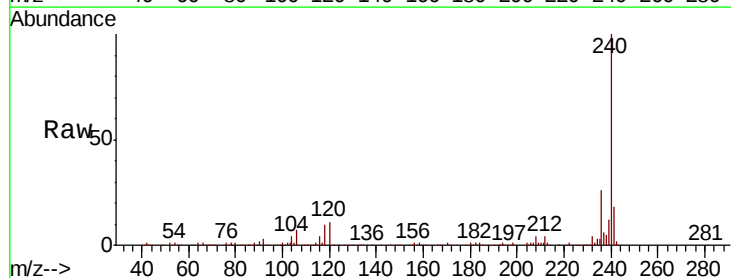
Instrument :
BNA_F
ClientSampleId :
TP-22A

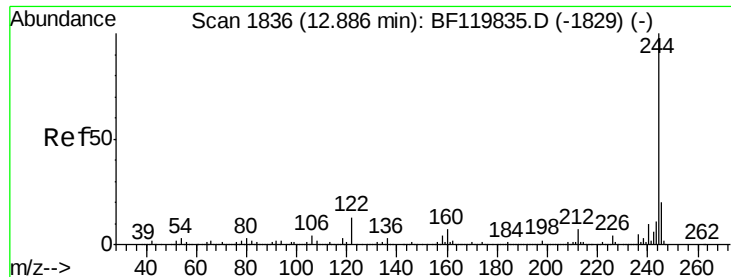
Tot Ion:188 Resp: 455124
Ion Ratio Lower Upper
188 100
94 9.8 6.7 10.1
80 10.3 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF120105.D
Acq: 21 Apr 2020 16:36

Tgt Ion:240 Resp: 289559
Ion Ratio Lower Upper
240 100
120 11.3 9.0 13.6
236 26.2 20.7 31.1





#79

Terphenyl-d14

Concen: 49.044 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF120105.D

Acq: 21 Apr 2020 16:36

Instrument :

BNA_F

ClientSampled :

TP-22A

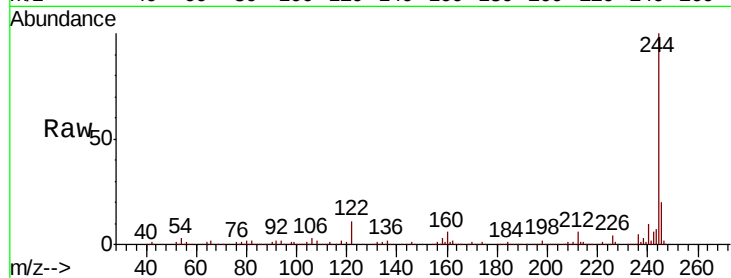
Tot Ion:244 Resp: 843978

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

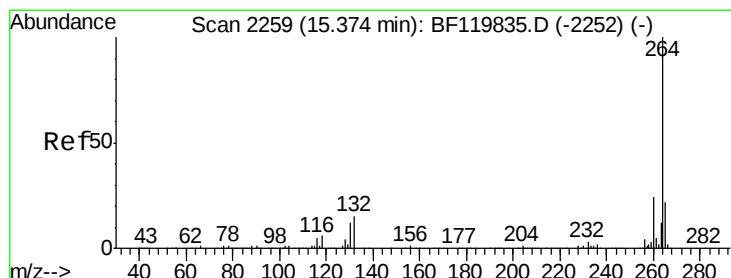
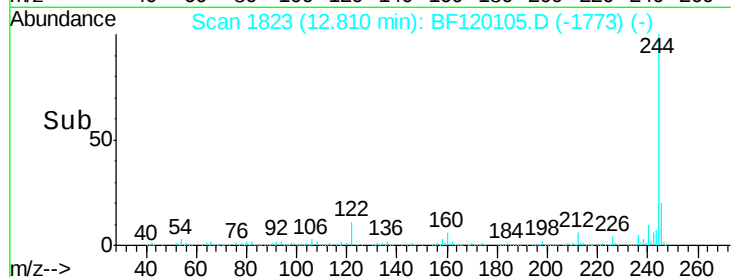
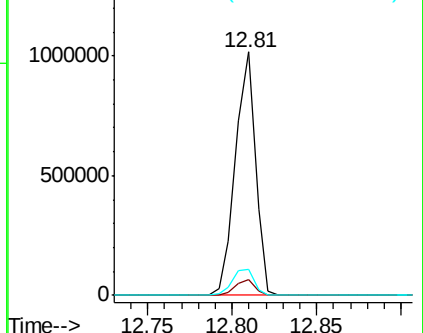
122 10.9 10.3 15.5



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: 15.27 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BF120105.D

Acq: 21 Apr 2020 16:36

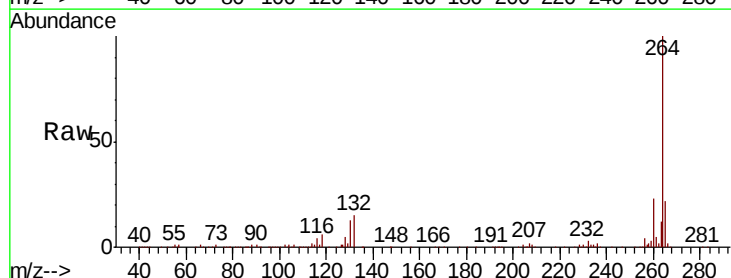
Tgt Ion:264 Resp: 236848

Ion Ratio Lower Upper

264 100

260 23.0 19.3 28.9

265 21.5 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

