

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120302.D
 Acq On : 14 May 2020 20:33
 Operator : MA/SJ
 Sample : L2635-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-P72-11933

Quant Time: May 15 04:06:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:47:38 2020
 Response via : Initial Calibration

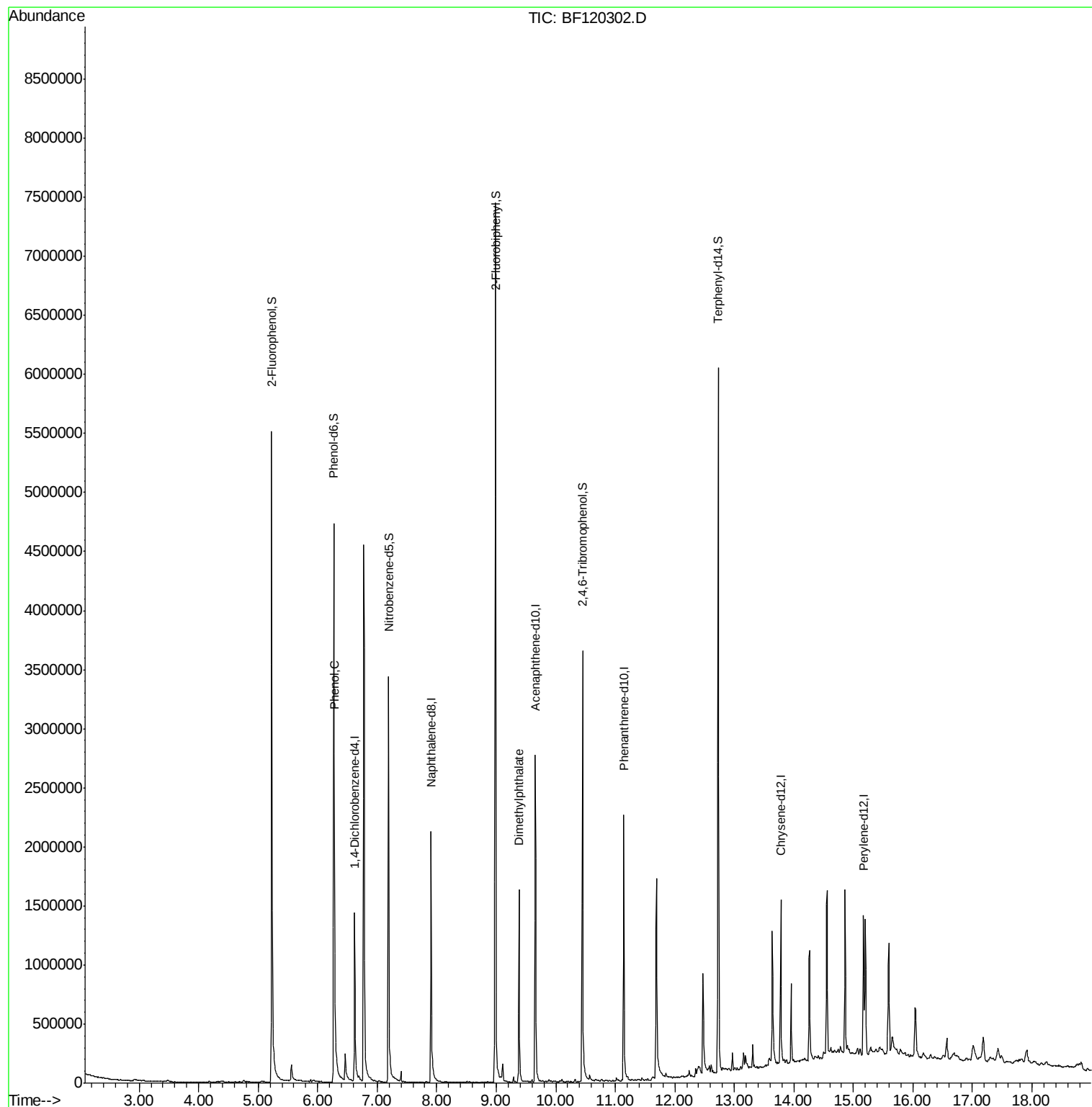
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	280835	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1167022	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	575738	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	961172	20.00	ng	0.00
76) Chrysene-d12	13.78	240	560757	20.00	ng	0.00
87) Perylene-d12	15.17	264	571240	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1802486	124.88	ng	0.00
7) Phenol-d6	6.27	99	2121404	116.22	ng	0.00
23) Nitrobenzene-d5	7.19	82	1353860	79.43	ng	0.00
42) 2,4,6-Tribromophenol	10.45	330	528156	112.51	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2552264	91.08	ng	0.00
79) Terphenyl-d14	12.73	244	2370382	93.39	ng	0.00
Target Compounds						
10) Phenol	6.29	94	47139	2.212	ng	89
50) Dimethylphthalate	9.39	163	744893	20.467	ng	98

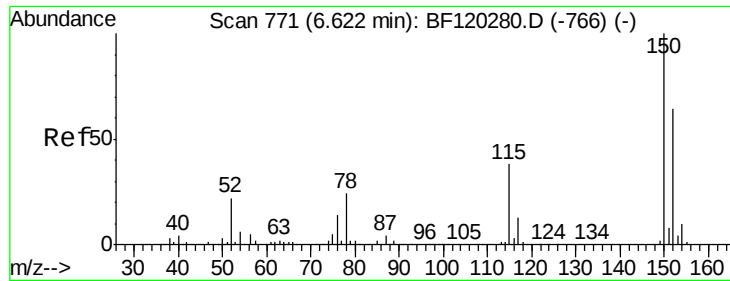
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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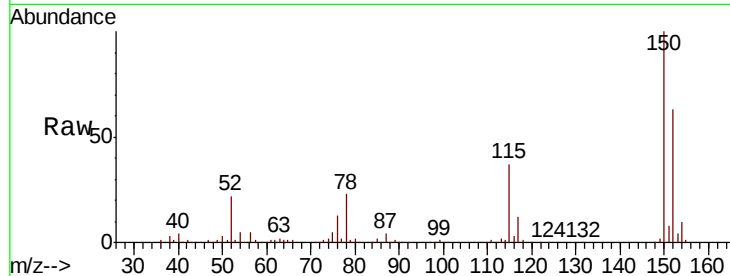


#1

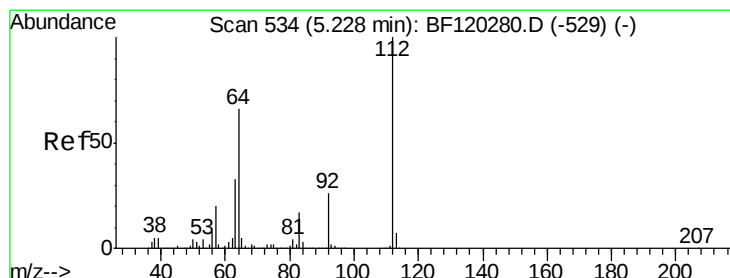
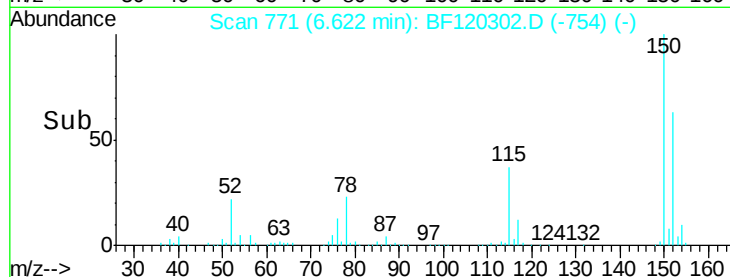
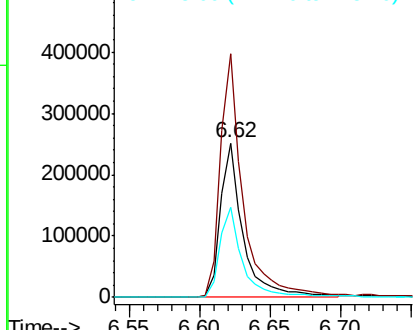
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF120302.D
Acq: 14 May 2020 20:33

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933

Tot Ion:152 Resp: 280835
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.2
115 58.0 47.9 71.9



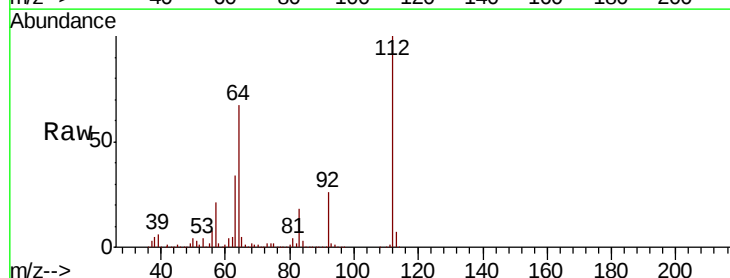
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



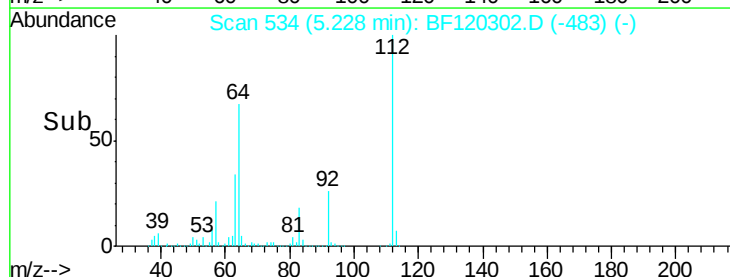
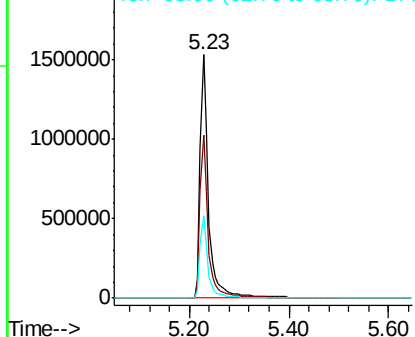
#5

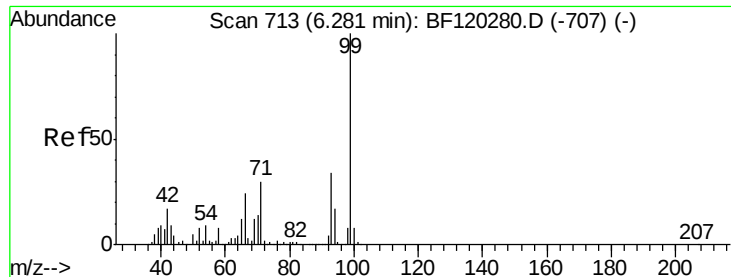
2-Fluorophenol
Concen: 124.881 ng
RT: 5.23 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF120302.D
Acq: 14 May 2020 20:33

Tgt Ion:112 Resp: 1802486
Ion Ratio Lower Upper
112 100
64 67.2 52.7 79.1
63 34.0 26.2 39.4



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: 116.225 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF120302.D

Acq: 14 May 2020 20:33

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-P72-11933

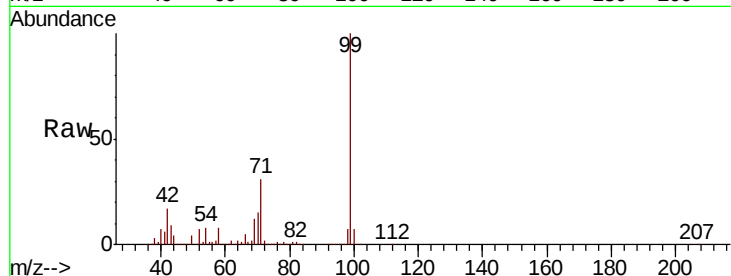
Tot Ion: 99 Resp: 2121404

Ion Ratio Lower Upper

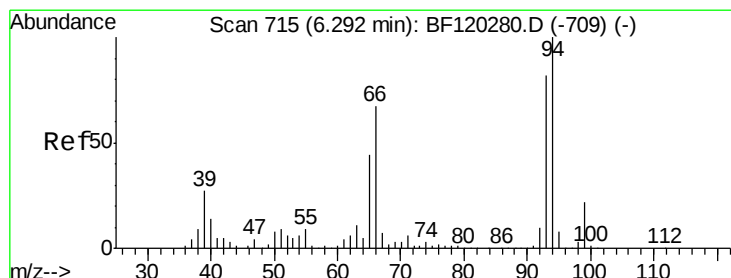
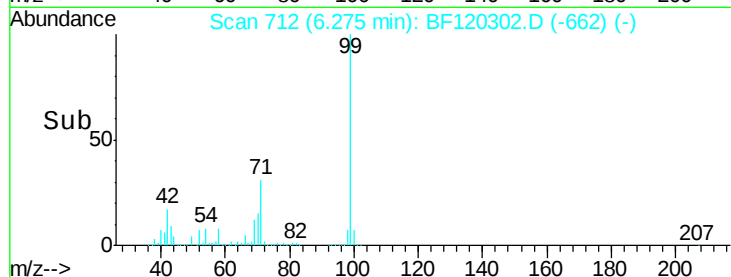
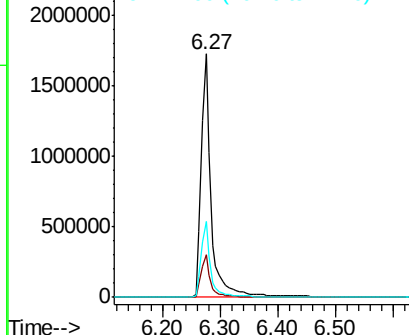
99 100

42 17.3 13.6 20.4

71 31.1 24.2 36.4



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



#10

Phenol

Concen: 2.212 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF120302.D

Acq: 14 May 2020 20:33

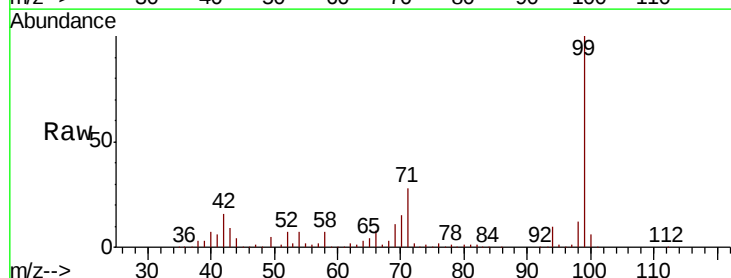
Tgt Ion: 94 Resp: 47139

Ion Ratio Lower Upper

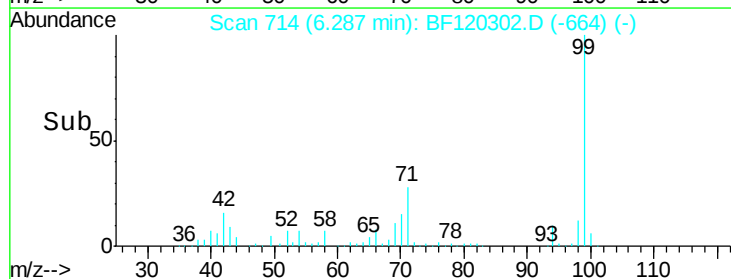
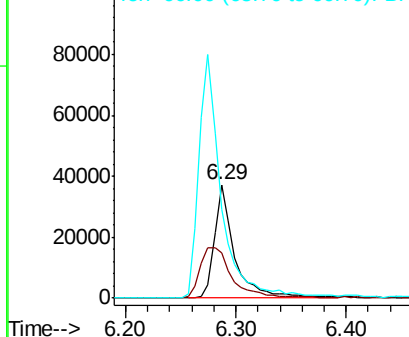
94 100

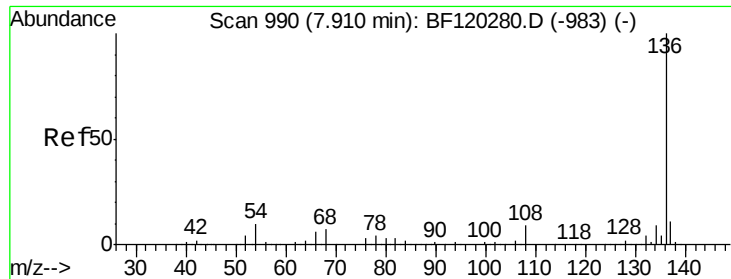
65 39.8 24.1 64.1

66 78.7 47.5 87.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



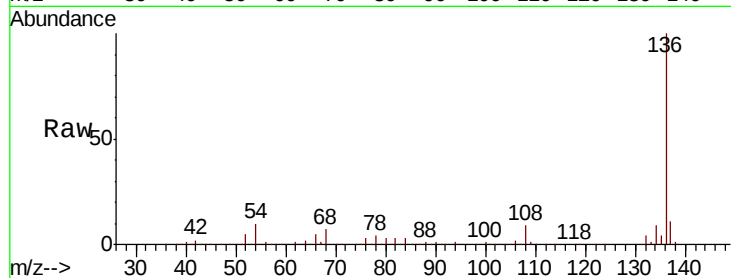


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF120302.D
Acq: 14 May 2020 20:33

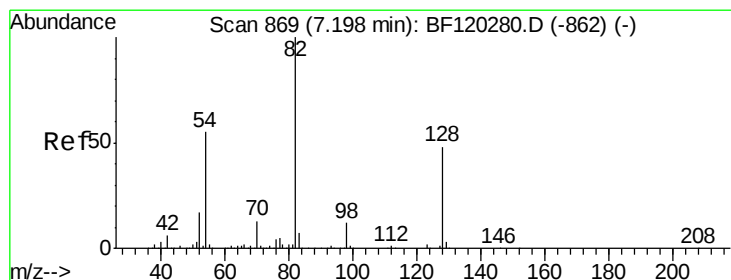
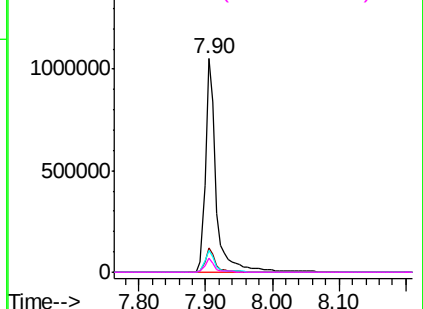
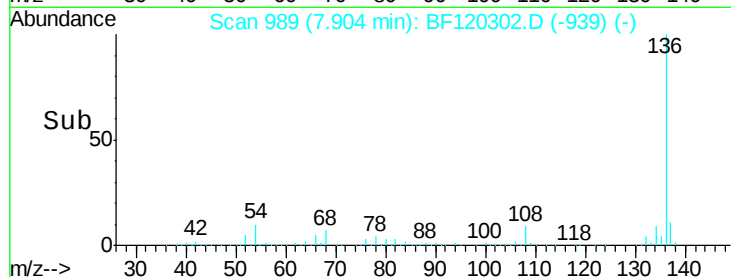
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933

Tot Ion:136 Resp: 1167022

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.3	7.9	11.9
68	6.7	5.4	8.2



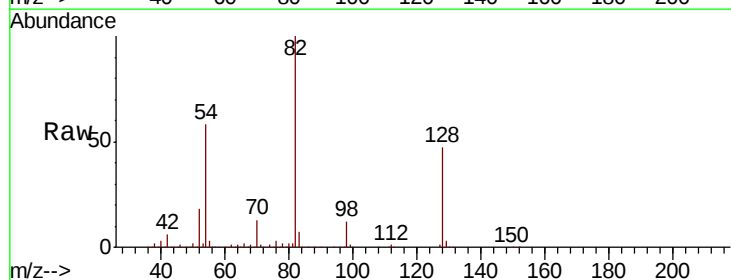
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



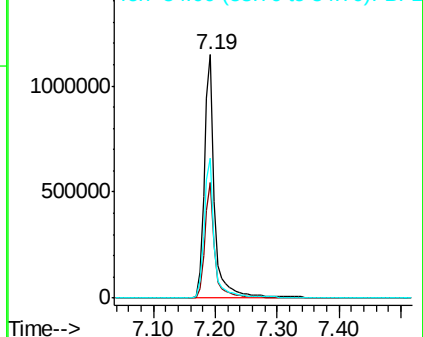
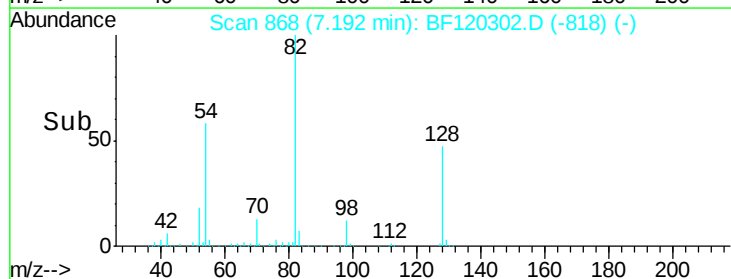
#23
Nitrobenzene-d5
Concen: 79.428 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF120302.D
Acq: 14 May 2020 20:33

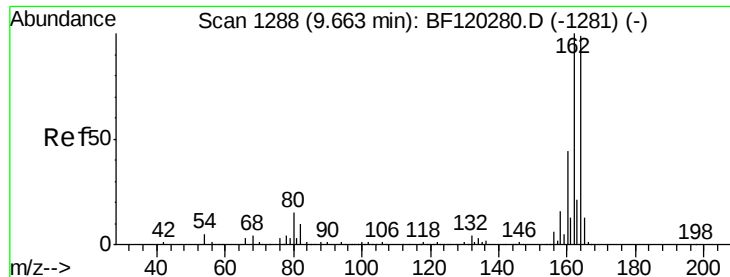
Tgt Ion: 82 Resp: 1353860

Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.3	57.5
54	57.6	43.9	65.9



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: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF120302.D

Acq: 14 May 2020 20:33

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-P72-11933

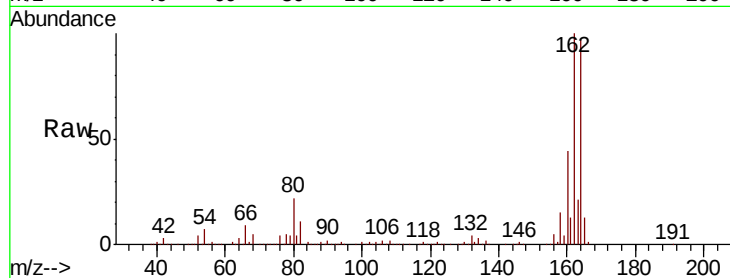
Tot Ion:164 Resp: 575738

Ion Ratio Lower Upper

164 100

162 102.9 81.2 121.8

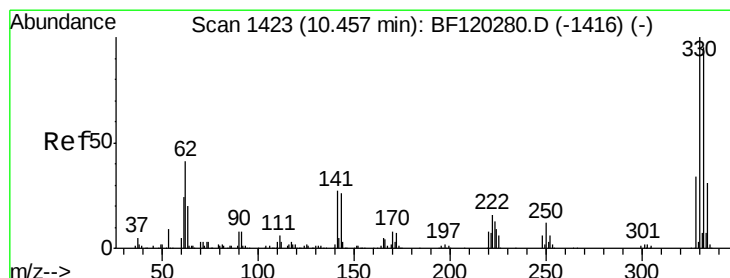
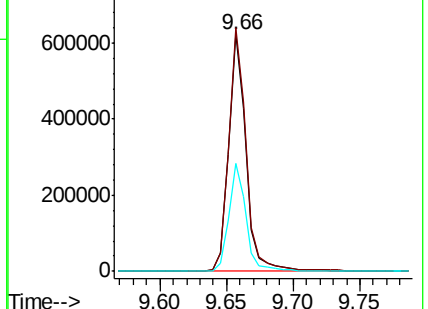
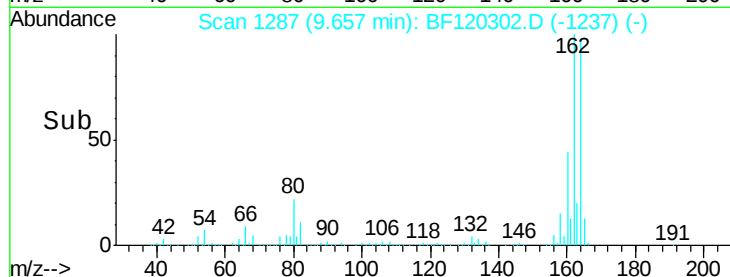
160 45.8 35.8 53.6



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: 112.511 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF120302.D

Acq: 14 May 2020 20:33

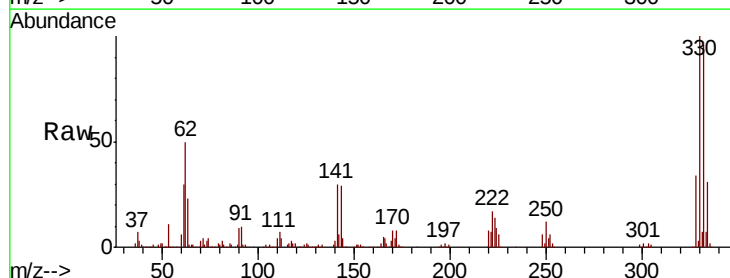
Tgt Ion:330 Resp: 528156

Ion Ratio Lower Upper

330 100

332 94.5 76.5 114.7

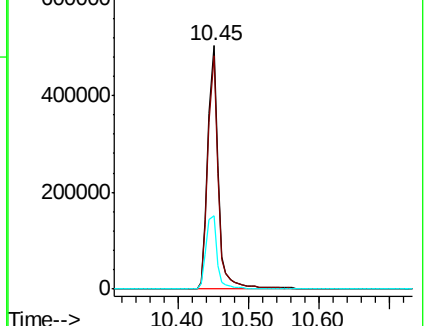
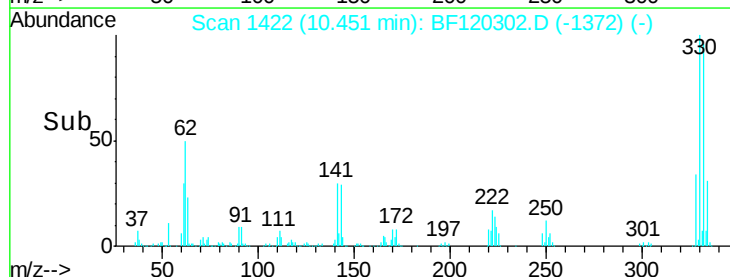
141 32.4 25.4 38.0

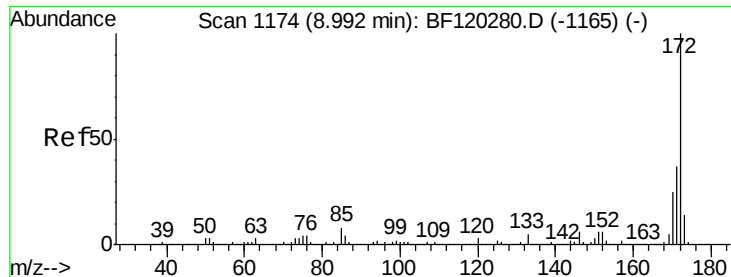


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



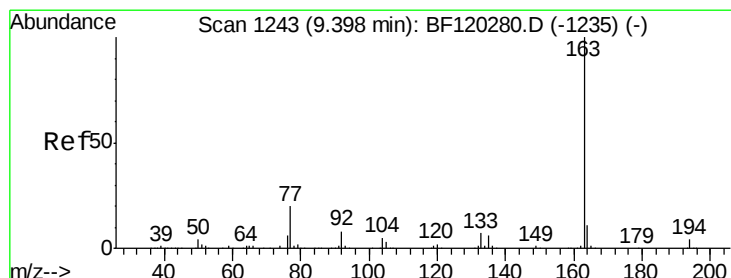
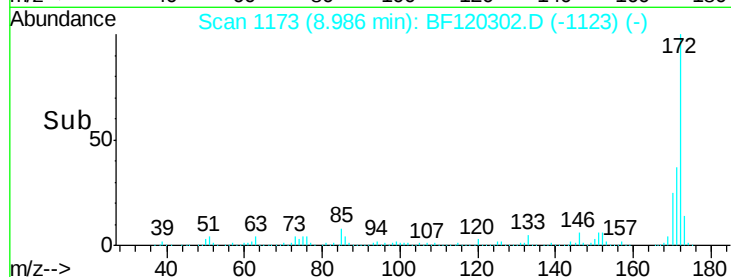
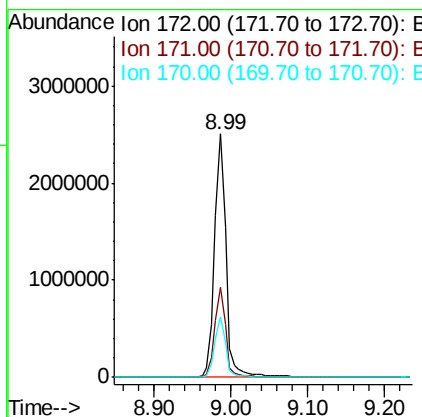
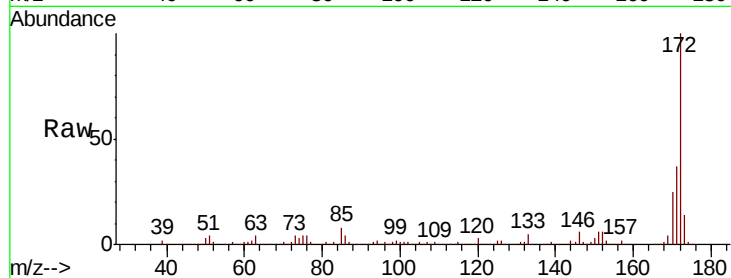


#45
 2-Fluorobiphenyl
 Concen: 91.075 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF120302.D
 Acq: 14 May 2020 20:33

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-P72-11933

Tot Ion:172 Resp: 2552264

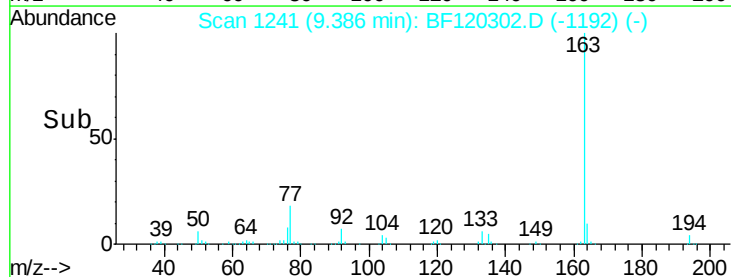
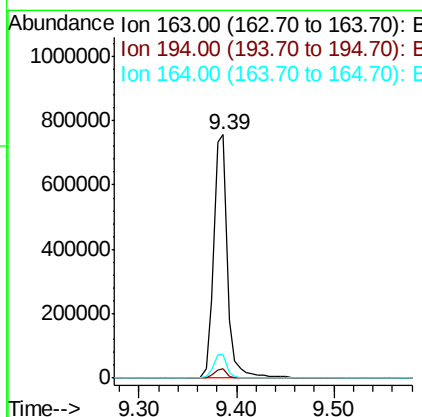
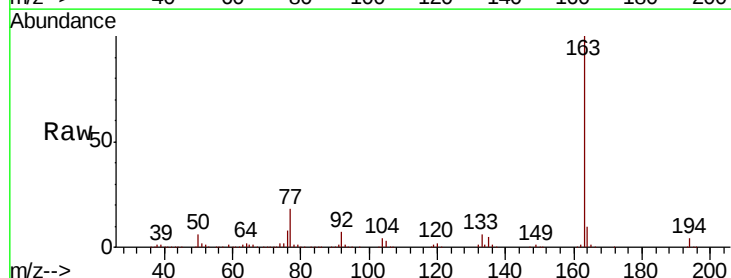
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.7	19.9	29.9

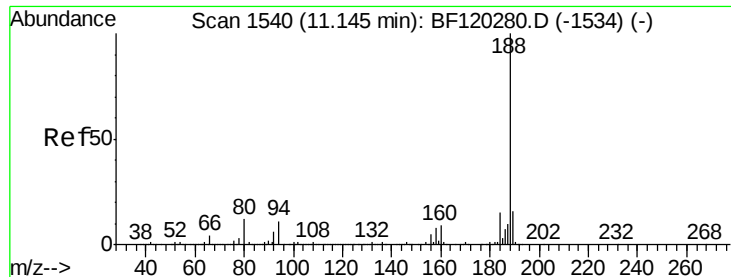


#50
 Dimethylphthalate
 Concen: 20.467 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BF120302.D
 Acq: 14 May 2020 20:33

Tgt Ion:163 Resp: 744893

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	9.7	8.6	12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.14 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BF120302.D

Acq: 14 May 2020 20:33

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-P72-11933

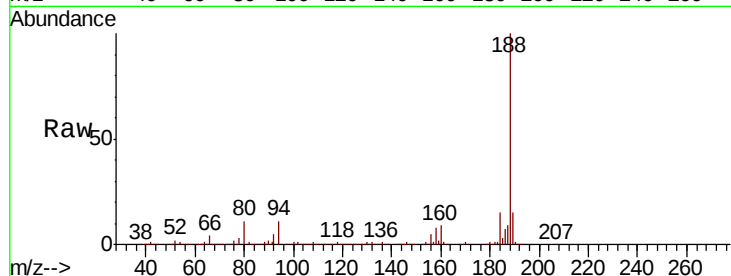
Tot Ion:188 Resp: 961172

Ion Ratio Lower Upper

188 100

94 10.8 8.6 13.0

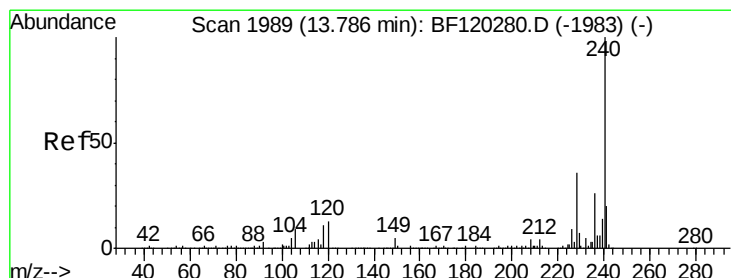
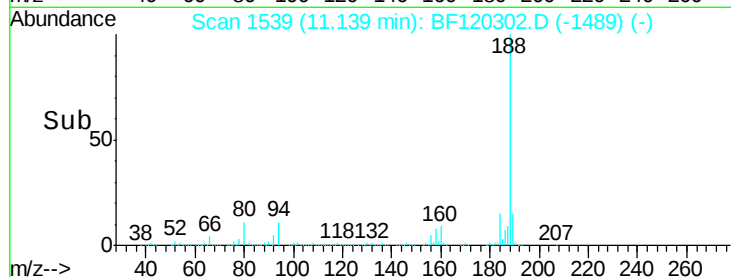
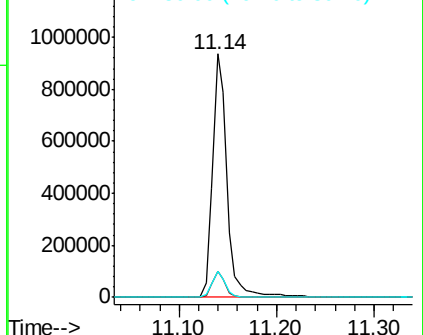
80 10.6 9.2 13.8



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: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF120302.D

Acq: 14 May 2020 20:33

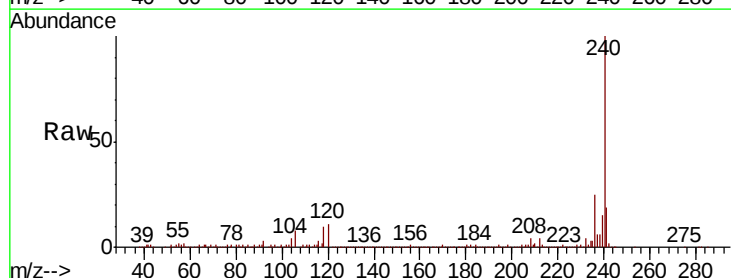
Tgt Ion:240 Resp: 560757

Ion Ratio Lower Upper

240 100

120 11.4 10.4 15.6

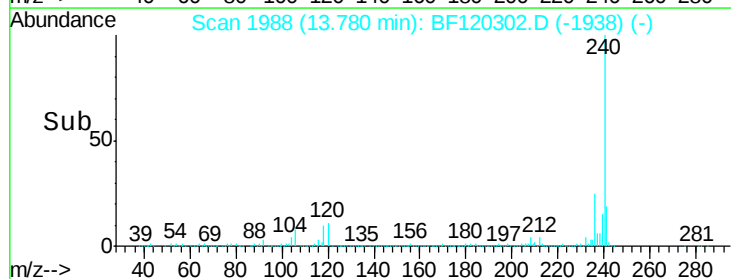
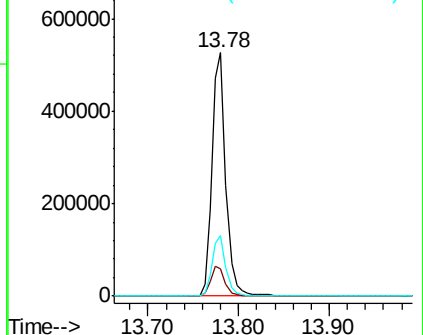
236 25.0 21.0 31.6

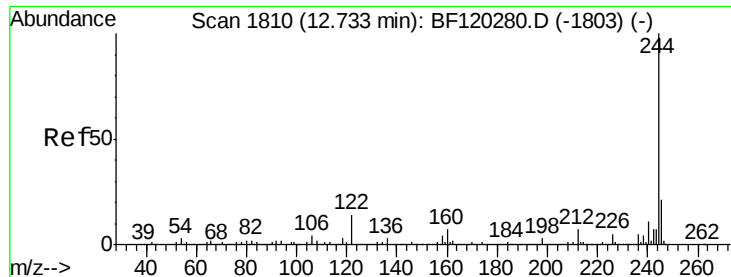


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

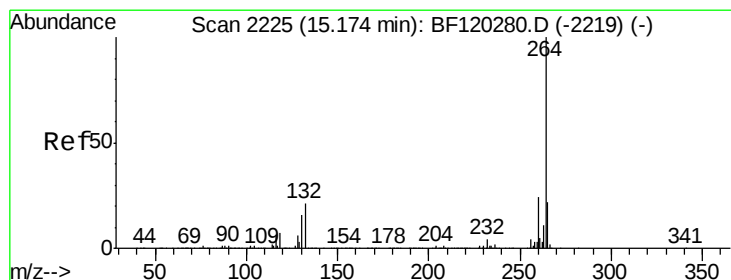
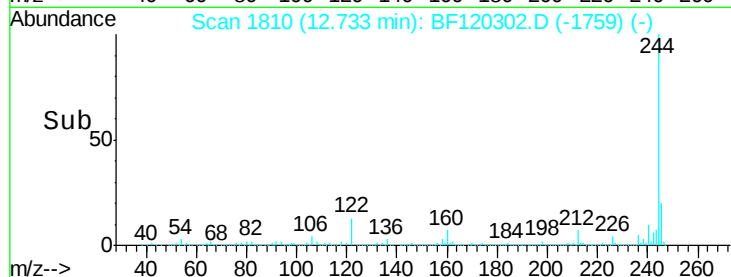
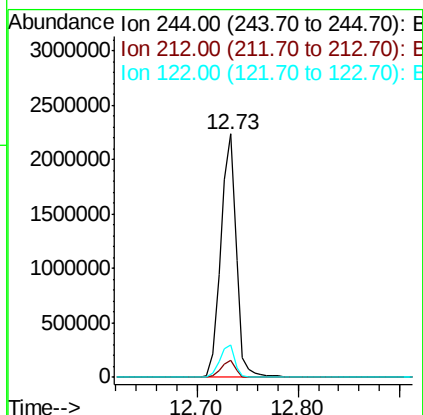
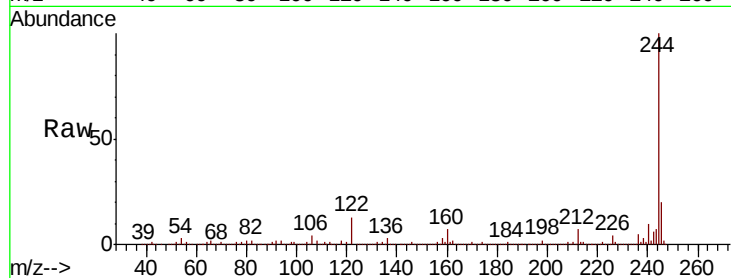




#79
 Terphenyl-d14
 Concen: 93.386 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: BF120302.D
 Acq: 14 May 2020 20:33

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-P72-11933

Tot Ion:244 Resp: 2370382
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 13.1 10.8 16.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.17 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF120302.D
 Acq: 14 May 2020 20:33

Tgt Ion:264 Resp: 571240
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 22.0 17.5 26.3

