

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120734.D
 Acq On : 29 Jun 2020 18:21
 Operator : JU/CG
 Sample : L3129-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1446

Quant Time: Jun 30 01:40:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 15:30:14 2020
 Response via : Initial Calibration

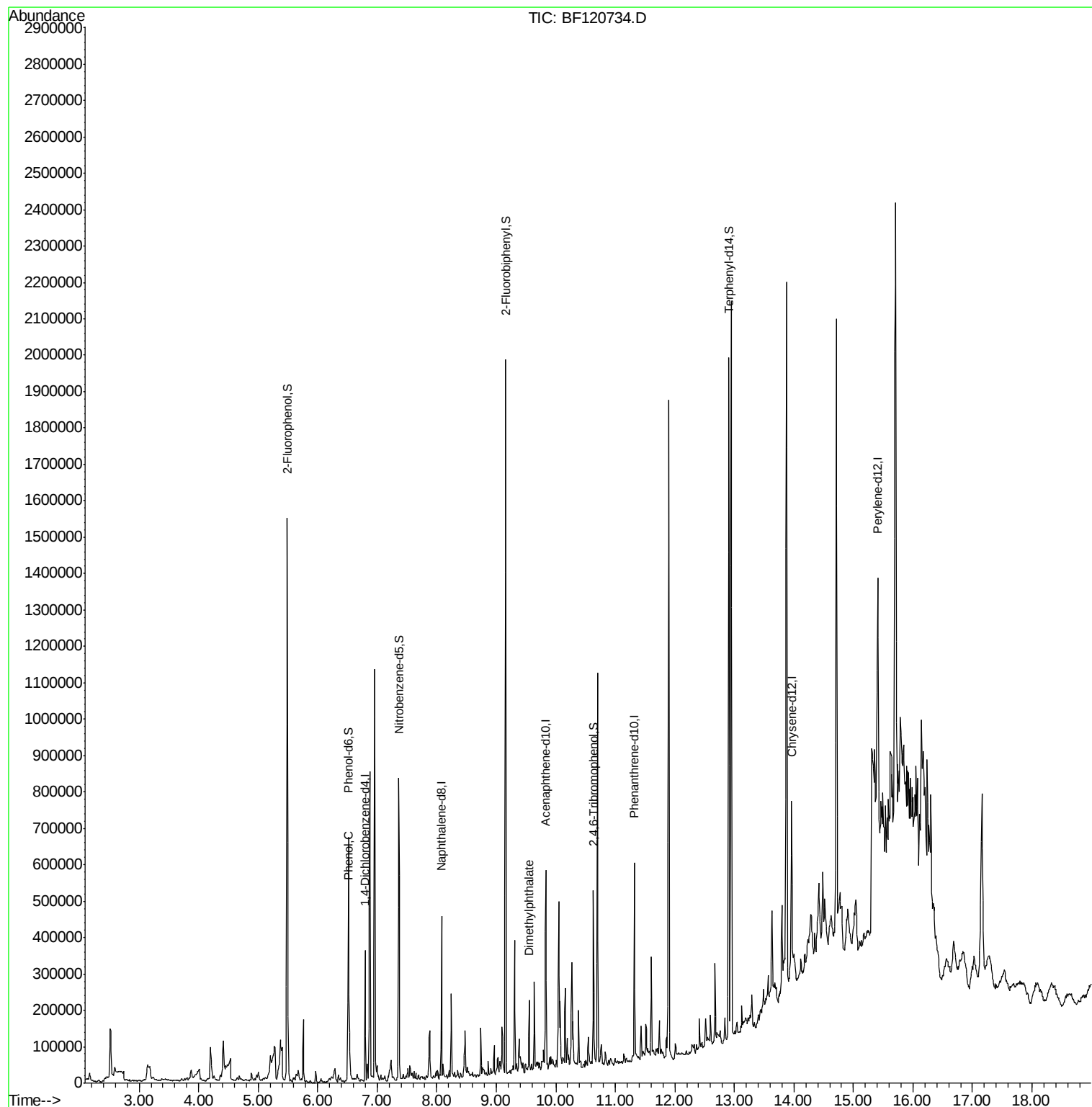
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	50840	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	188825	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	96770	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	181479	20.00	ng	0.01
76) Chrysene-d12	13.96	240	133894	20.00	ng	0.00
86) Perylene-d12	15.41	264	249335	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	526313	177.49	ng	0.08
7) Phenol-d6	6.52	99	227489	61.59	ng	0.09
23) Nitrobenzene-d5	7.36	82	259108	76.70	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	59040	52.48	ng	0.02
45) 2-Fluorobiphenyl	9.16	172	557419	88.13	ng	0.00
79) Terphenyl-d14	12.91	244	643869	106.22	ng	0.01
Target Compounds						
10) Phenol	6.53	94	39087	9.919	ng	85
50) Dimethylphthalate	9.55	163	59854	8.588	ng	99

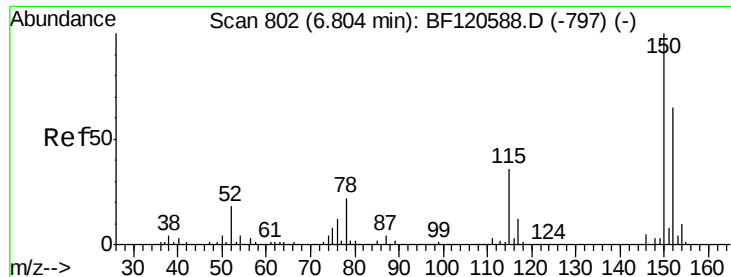
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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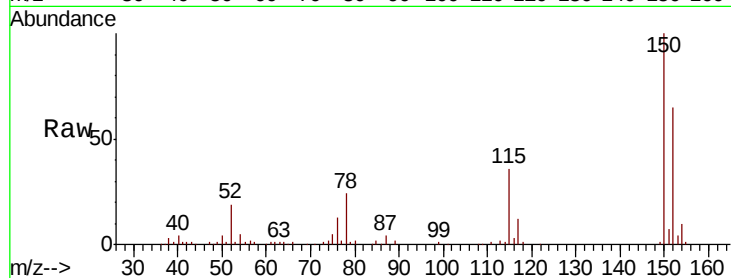


#1

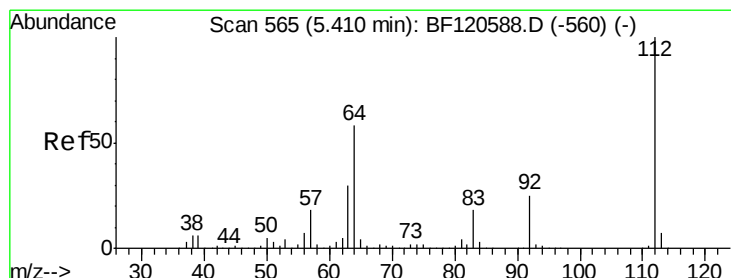
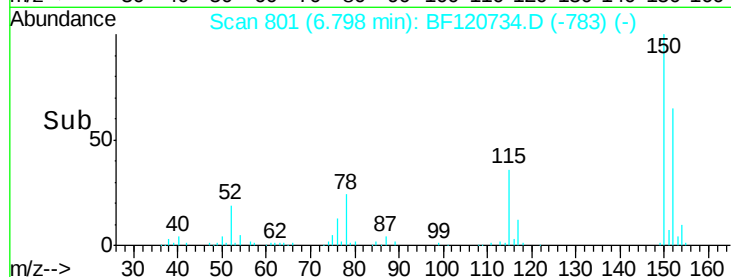
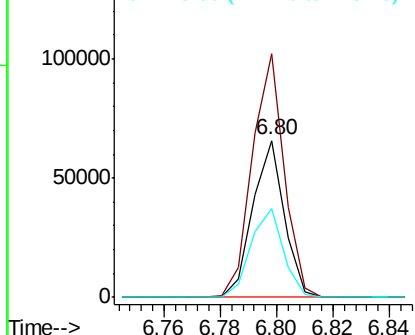
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF120734.D
Acq: 29 Jun 2020 18:21

Instrument :
BNA_F
ClientSampleId :
1446

Tot Ion:152 Resp: 50840
Ion Ratio Lower Upper
152 100
150 155.0 124.6 187.0
115 56.5 44.2 66.4



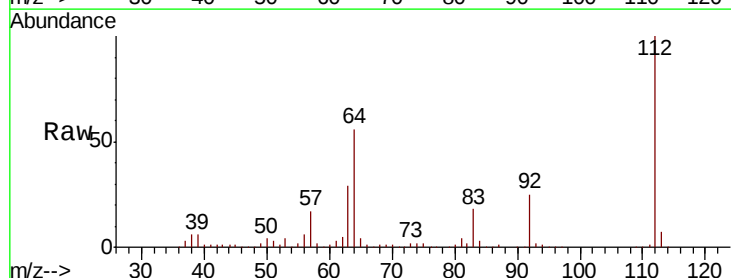
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



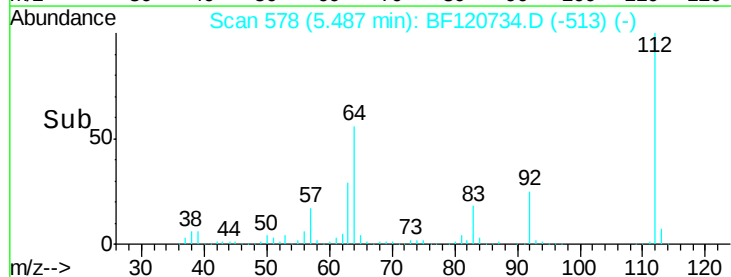
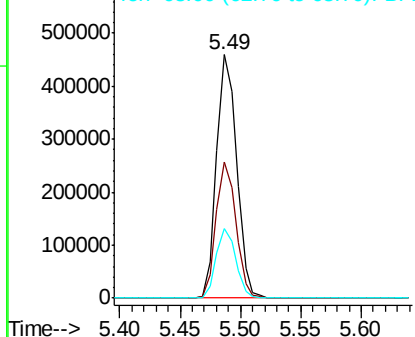
#5

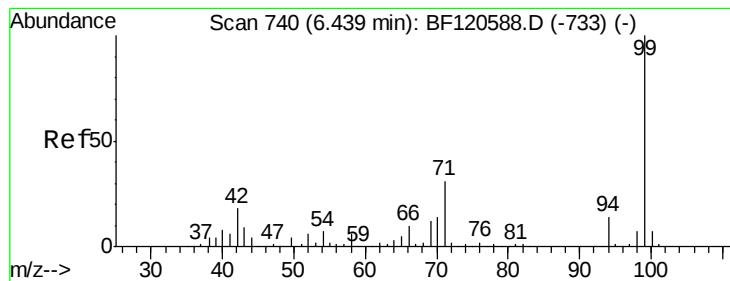
2-Fluorophenol
Concen: 177.486 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.08 min
Lab File: BF120734.D
Acq: 29 Jun 2020 18:21

Tgt Ion:112 Resp: 526313
Ion Ratio Lower Upper
112 100
64 55.6 42.2 63.2
63 28.8 21.7 32.5



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: 61.594 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.09 min

Lab File: BF120734.D

Acq: 29 Jun 2020 18:21

Instrument :

BNA_F

ClientSampleId :

1446

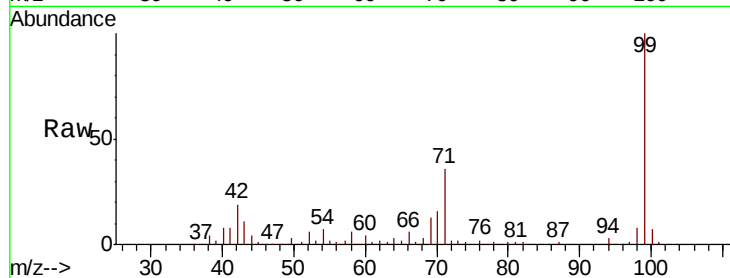
Tot Ion: 99 Resp: 227489

Ion Ratio Lower Upper

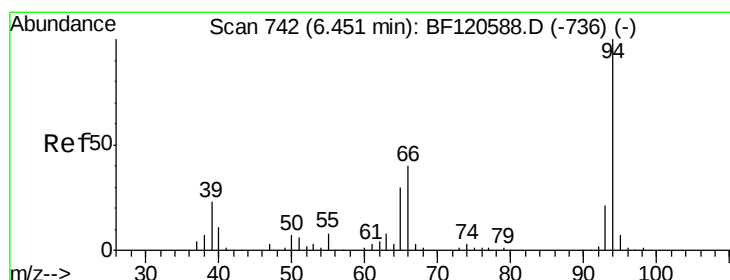
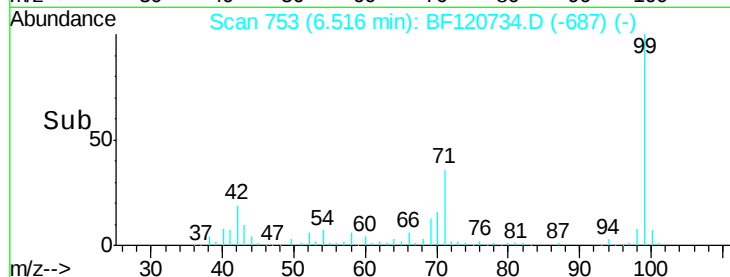
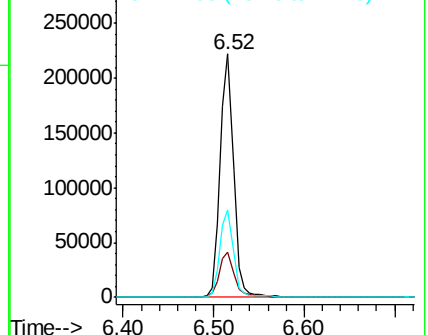
99 100

42 18.8 14.2 21.4

71 36.1 25.4 38.2



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: 9.919 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.08 min

Lab File: BF120734.D

Acq: 29 Jun 2020 18:21

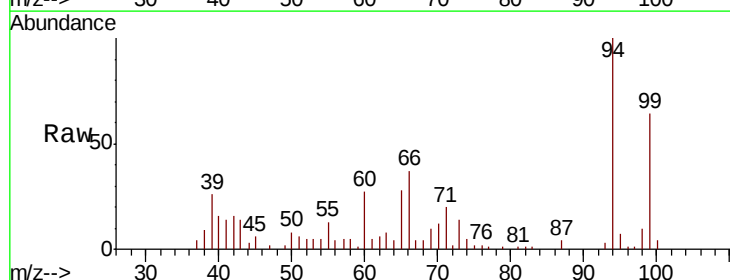
Tgt Ion: 94 Resp: 39087

Ion Ratio Lower Upper

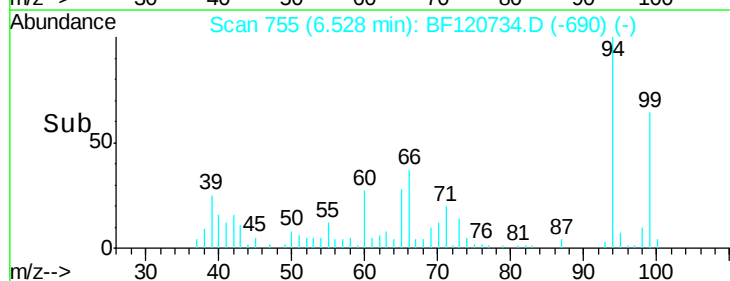
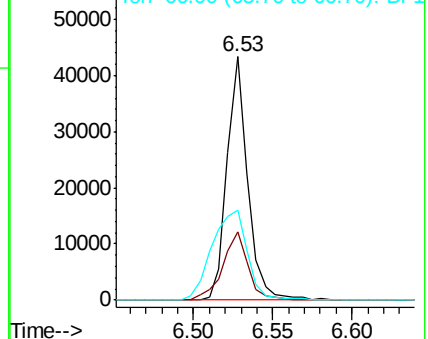
94 100

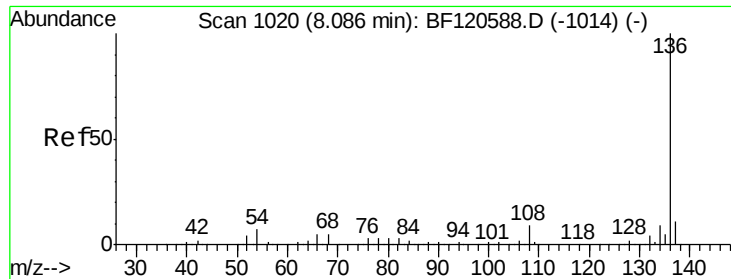
65 28.2 13.6 53.6

66 36.9 29.2 69.2



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

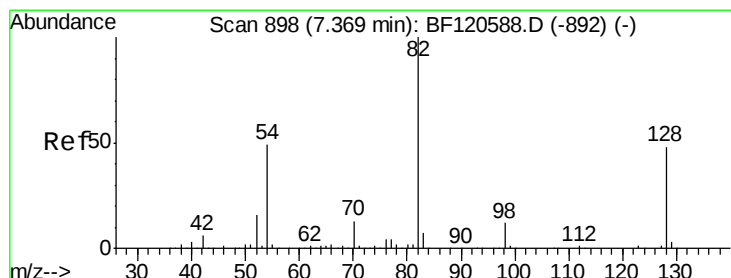
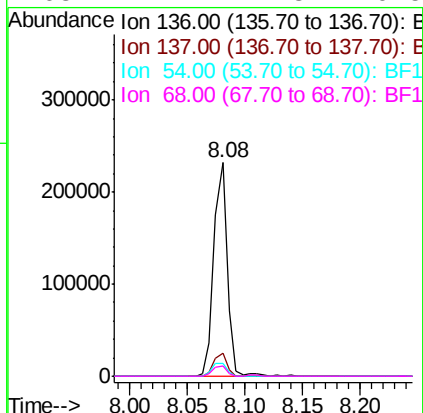
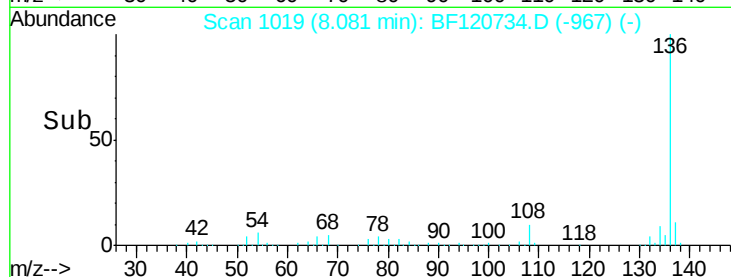
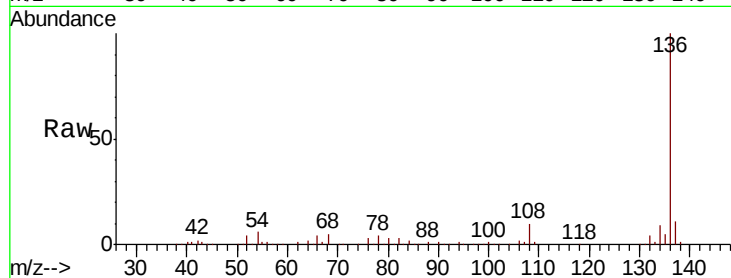




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF120734.D
Acq: 29 Jun 2020 18:21

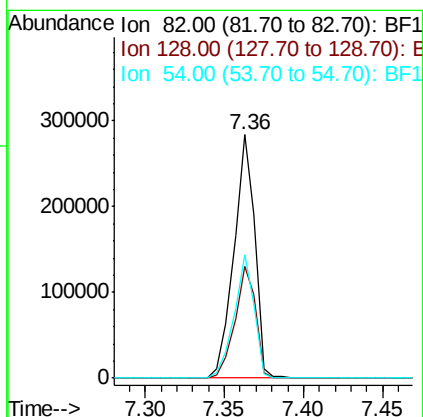
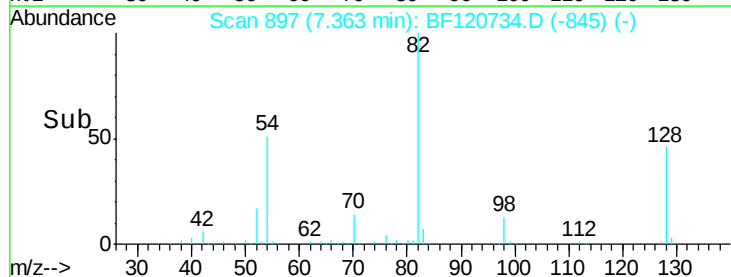
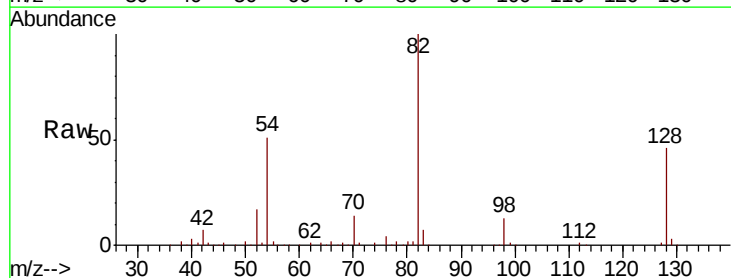
Instrument :
BNA_F
ClientSampleId :
1446

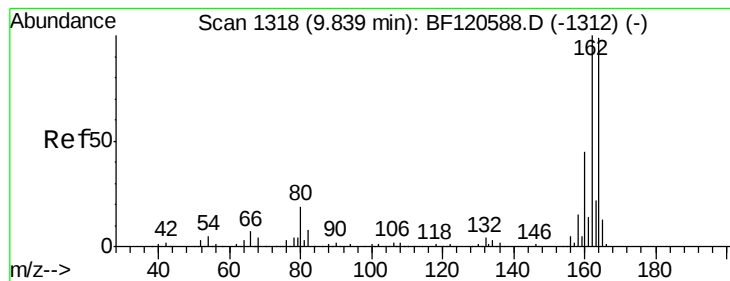
Tot Ion:136	Resp:	188825
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.6 12.8
54	6.2	5.3 7.9
68	4.7	4.3 6.5



#23
Nitrobenzene-d5
Concen: 76.702 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF120734.D
Acq: 29 Jun 2020 18:21

Tgt Ion: 82	Resp:	259108
Ion	Ratio	Lower Upper
82	100	
128	45.8	38.1 57.1
54	50.8	38.8 58.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF120734.D

Acq: 29 Jun 2020 18:21

Instrument :

BNA_F

ClientSampleId :

1446

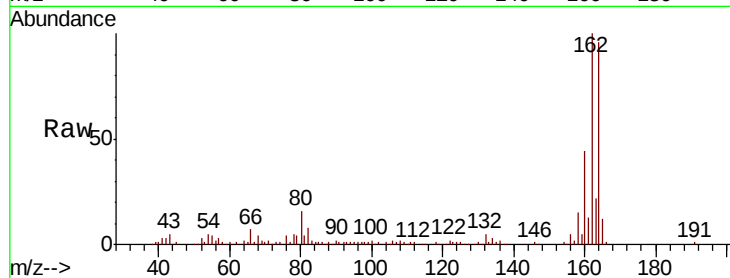
Tot Ion:164 Resp: 96770

Ion Ratio Lower Upper

164 100

162 103.9 81.4 122.0

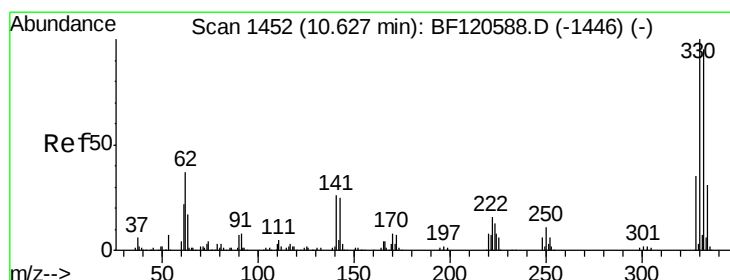
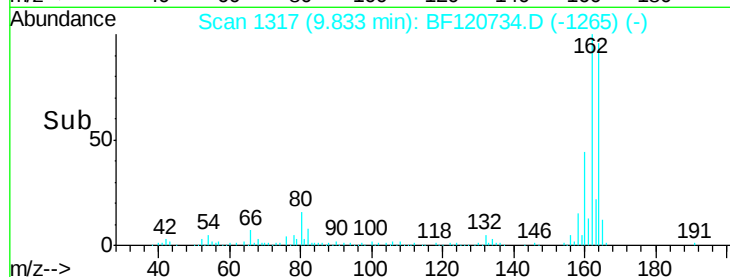
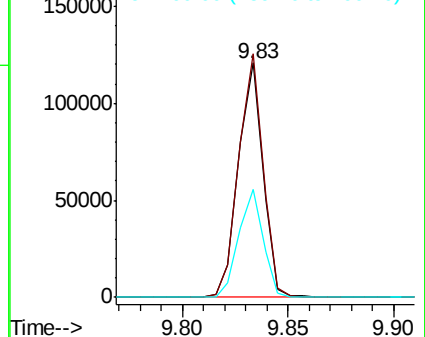
160 46.1 36.6 55.0



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: 52.476 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.02 min

Lab File: BF120734.D

Acq: 29 Jun 2020 18:21

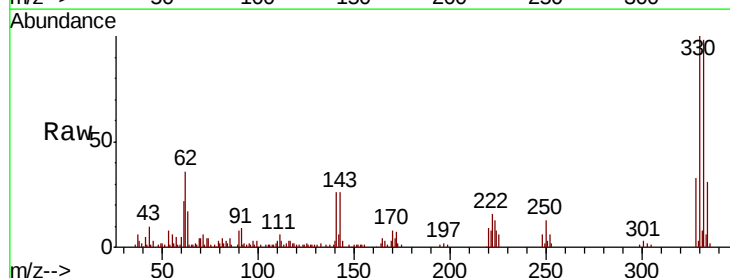
Tgt Ion:330 Resp: 59040

Ion Ratio Lower Upper

330 100

332 96.7 76.4 114.6

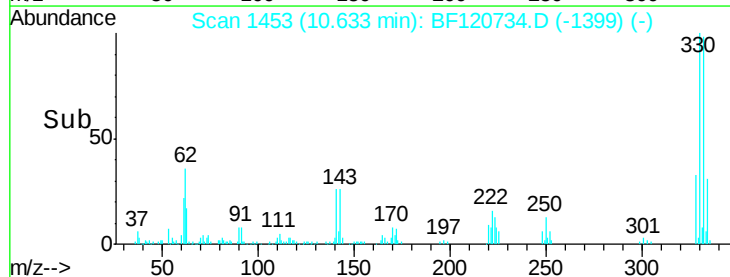
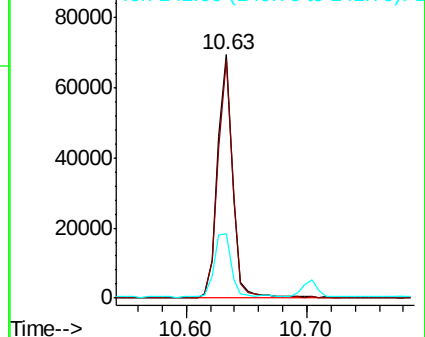
141 31.2 23.0 34.6

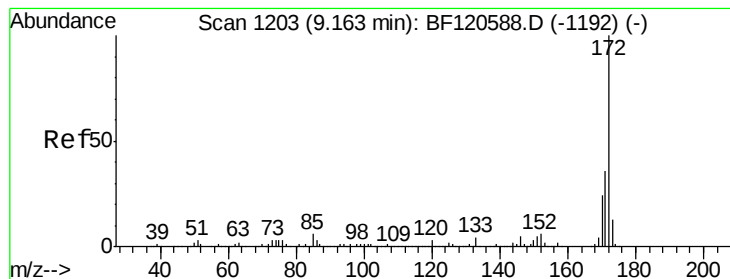


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 88.131 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF120734.D

Acq: 29 Jun 2020 18:21

Instrument :

BNA_F

ClientSampleId :

1446

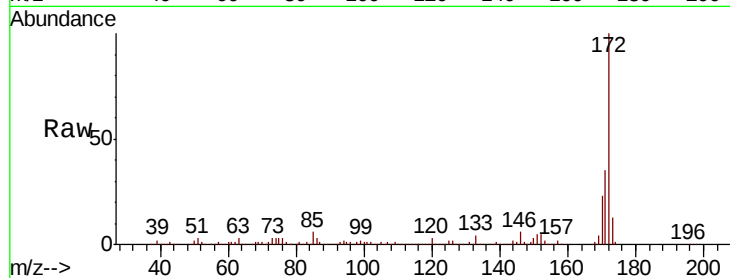
Tot Ion:172 Resp: 557419

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

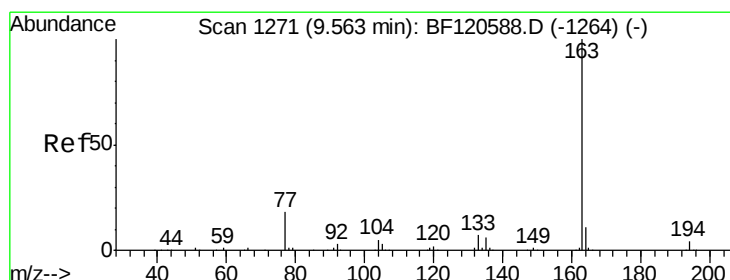
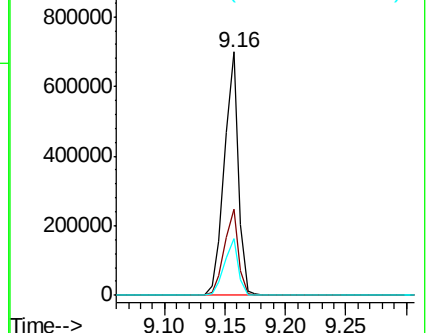
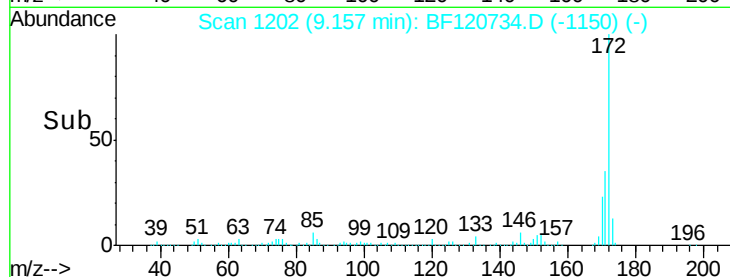
170 23.1 19.1 28.7



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: 8.588 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF120734.D

Acq: 29 Jun 2020 18:21

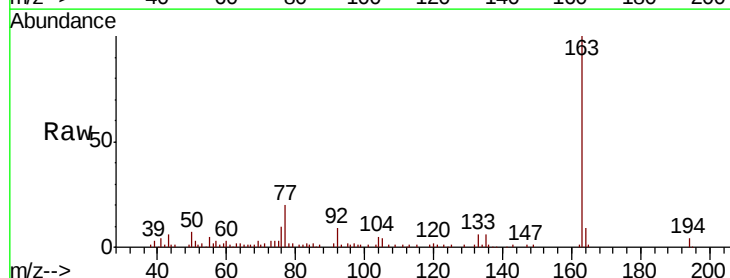
Tgt Ion:163 Resp: 59854

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

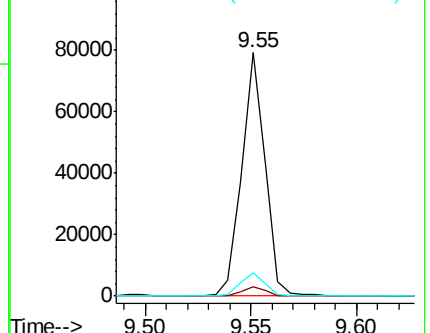
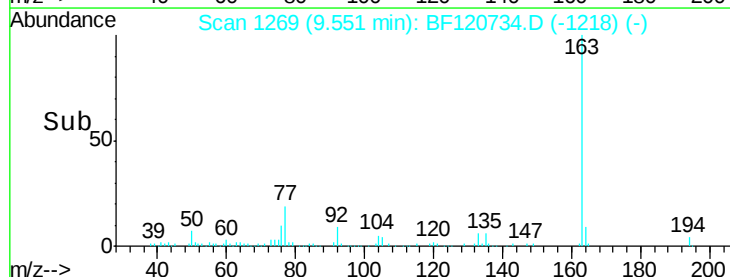
164 9.5 8.2 12.2

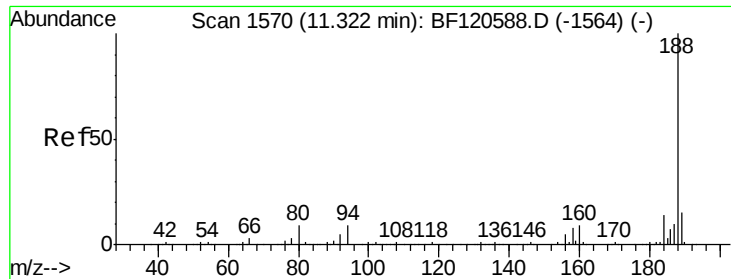


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

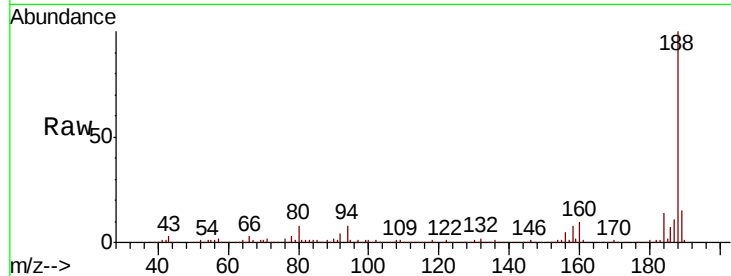




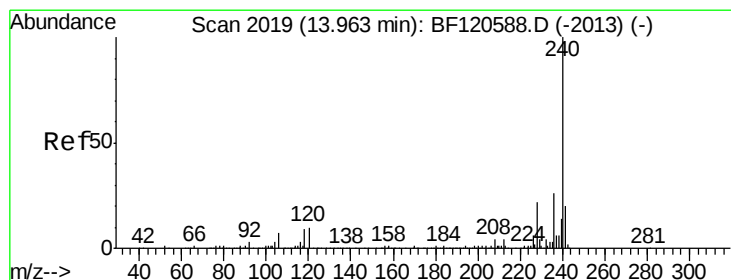
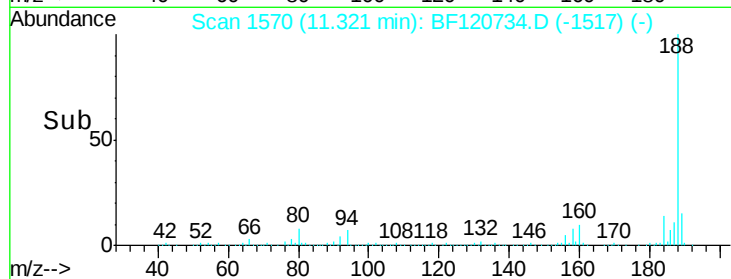
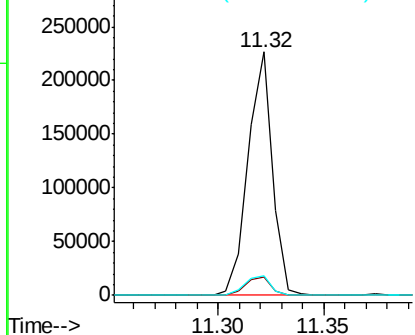
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF120734.D
Acq: 29 Jun 2020 18:21

Instrument :
BNA_F
ClientSampleId :
1446

Tot Ion:188 Resp: 181479
Ion Ratio Lower Upper
188 100
94 7.5 7.5 11.3#
80 7.8 7.7 11.5

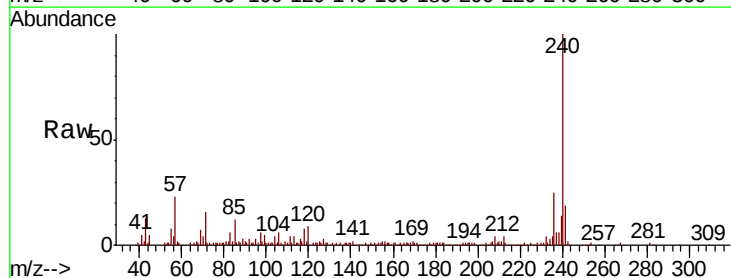


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

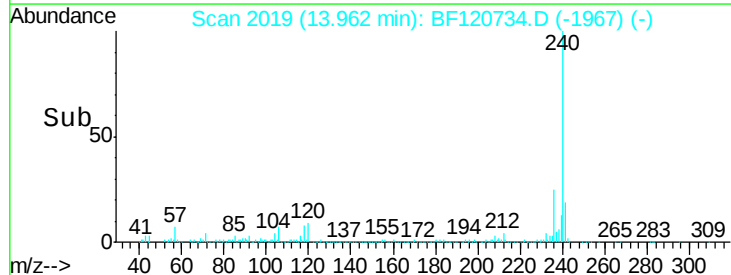
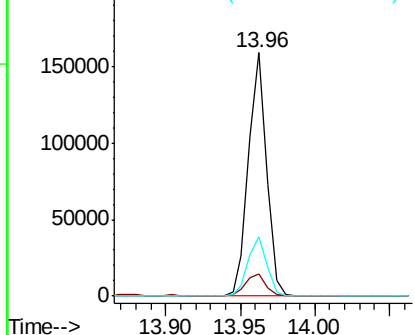


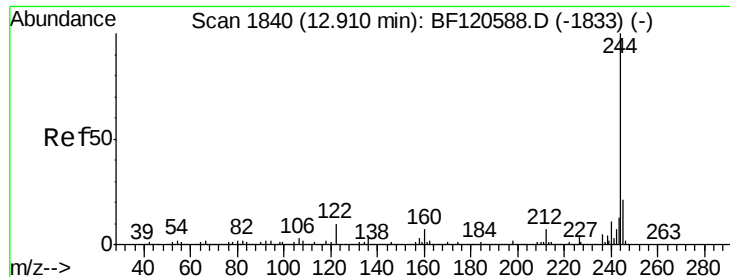
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF120734.D
Acq: 29 Jun 2020 18:21

Tgt Ion:240 Resp: 133894
Ion Ratio Lower Upper
240 100
120 9.2 7.6 11.4
236 24.6 21.0 31.4



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: 106.221 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF120734.D

Acq: 29 Jun 2020 18:21

Instrument :

BNA_F

ClientSampleId :

1446

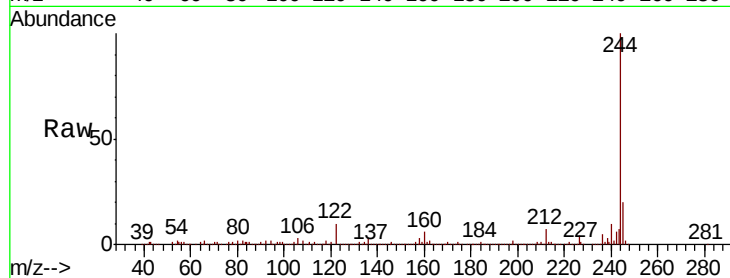
Tot Ion:244 Resp: 643869

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

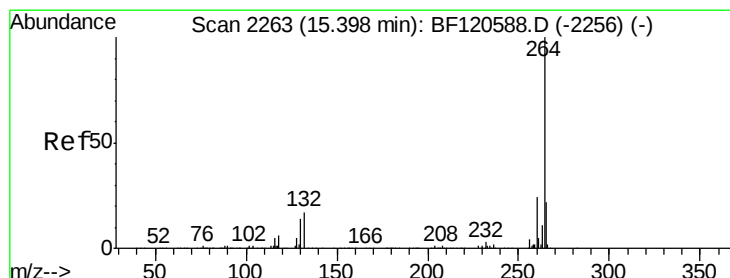
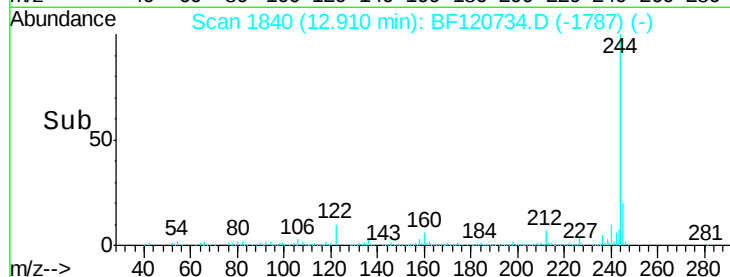
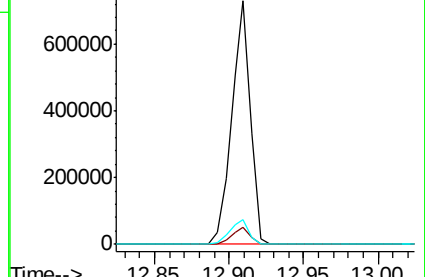
122 10.1 8.8 13.2



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. 0.02 min

Lab File: BF120734.D

Acq: 29 Jun 2020 18:21

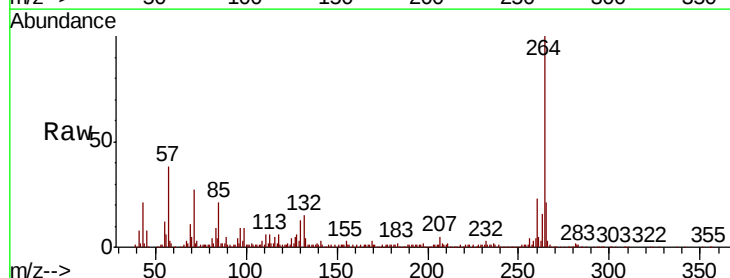
Tgt Ion:264 Resp: 249335

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 21.4 17.4 26.0



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

