

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120942.D
 Acq On : 20 Jul 2020 19:45
 Operator : JU/CG
 Sample : L3329-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ERM-16R

Quant Time: Jul 21 01:00:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

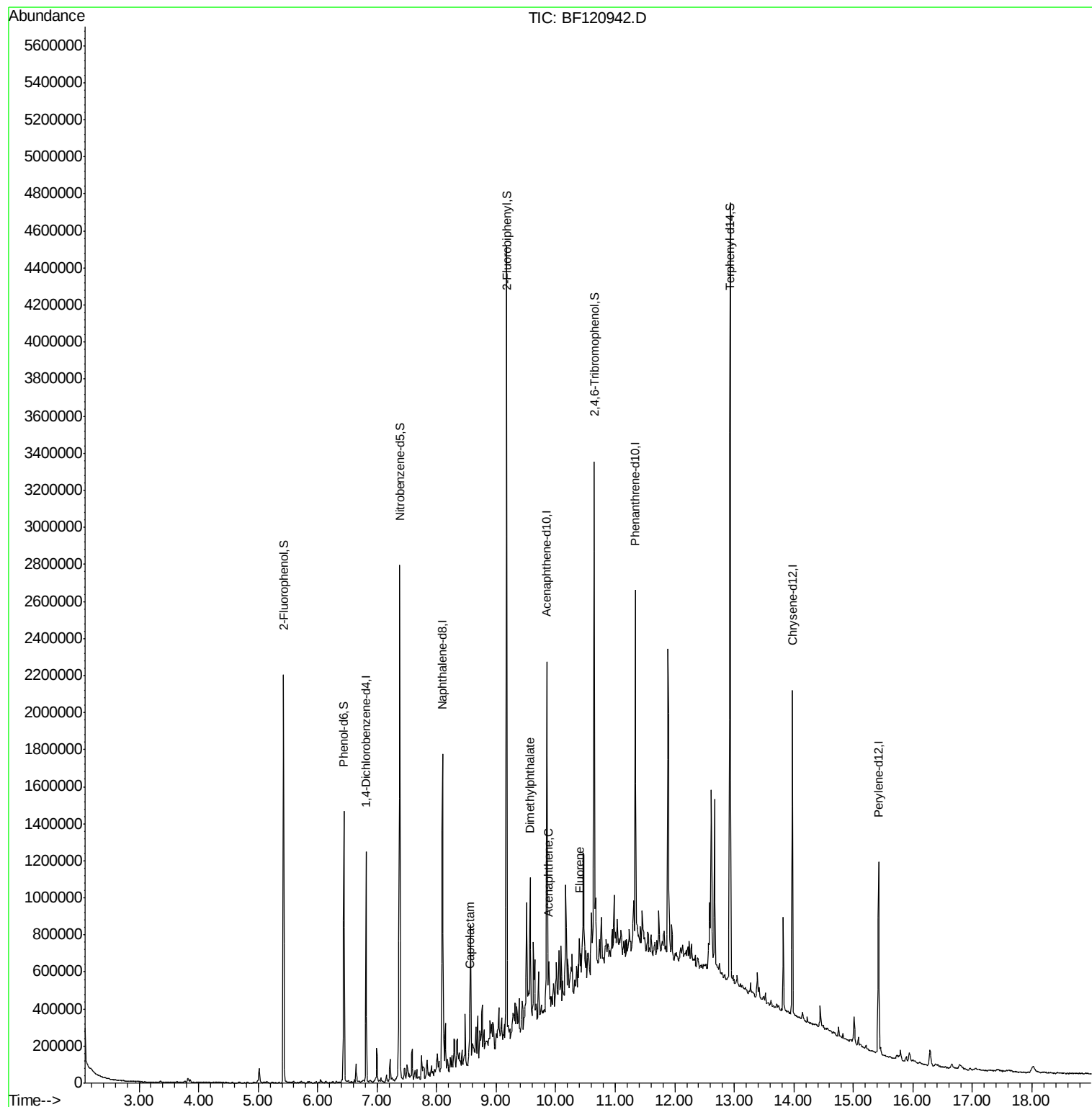
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	191594	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	732105	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	396281	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	720359	20.00	ng	0.00
76) Chrysene-d12	13.97	240	592306	20.00	ng	0.00
86) Perylene-d12	15.42	264	472070	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	619226	52.98	ng	0.00
7) Phenol-d6	6.44	99	480258	31.81	ng	0.00
23) Nitrobenzene-d5	7.38	82	998611	78.93	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	485188	111.85	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1683689	63.44	ng	0.00
79) Terphenyl-d14	12.93	244	1782158	65.41	ng	0.01
Target Compounds						
35) Caprolactam	8.55	113	11937	3.464	ng	Qvalue # 68
50) Dimethylphthalate	9.57	163	286945	10.037	ng	99
52) Acenaphthene	9.89	154	58713	2.412	ng	99
58) Fluorene	10.40	166	64476	2.456	ng	# 94

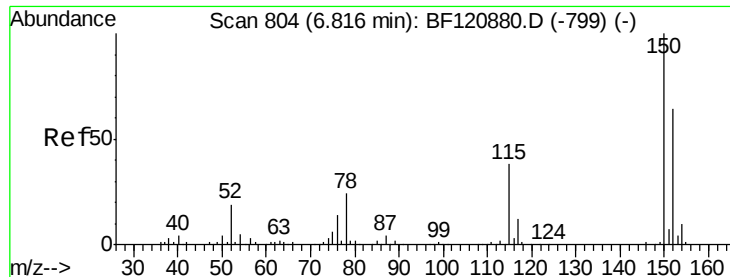
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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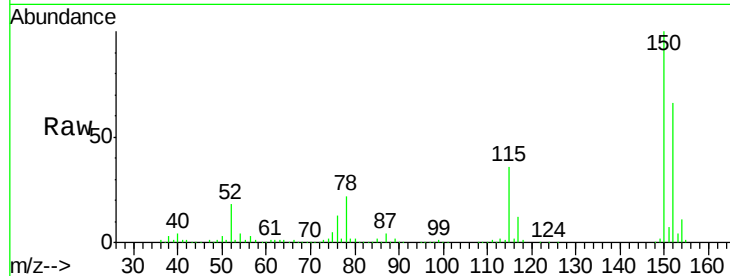


#1

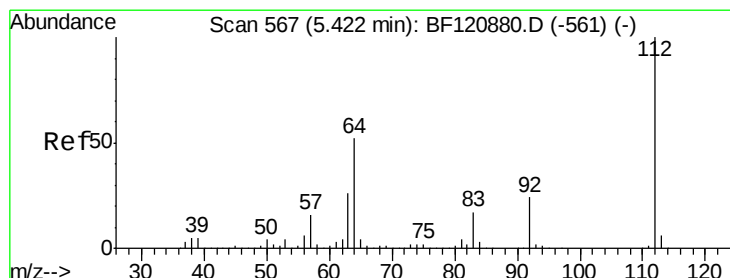
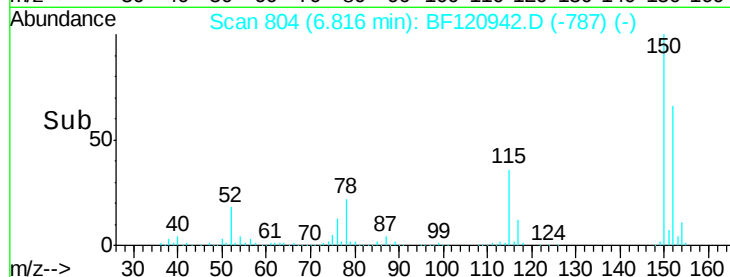
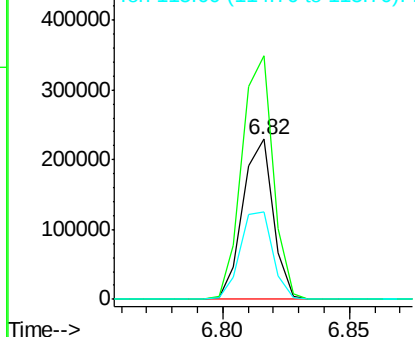
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120942.D
Acq: 20 Jul 2020 19:45

Instrument :
BNA_F
ClientSampleId :
ERM-16R

Tot Ion:152 Resp: 191594
Ion Ratio Lower Upper
152 100
150 152.3 125.0 187.6
115 55.0 47.0 70.4



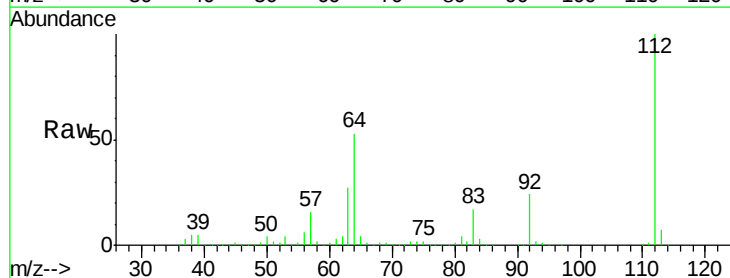
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



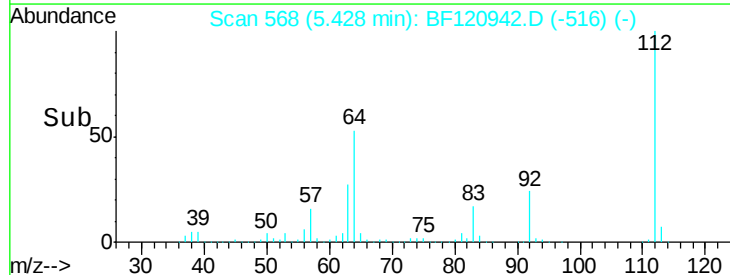
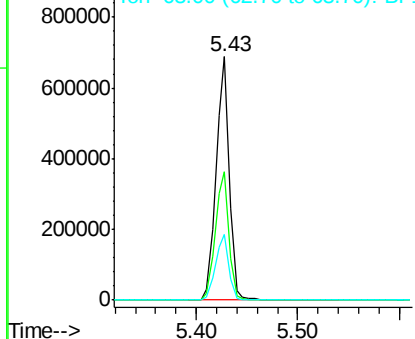
#5

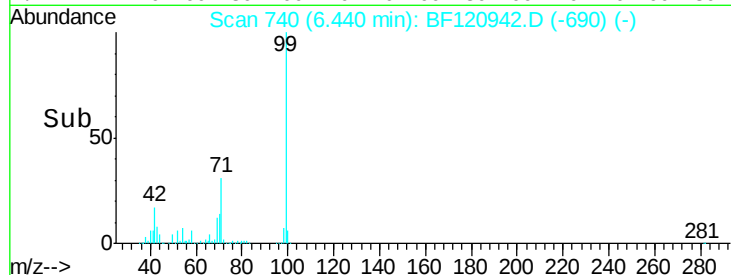
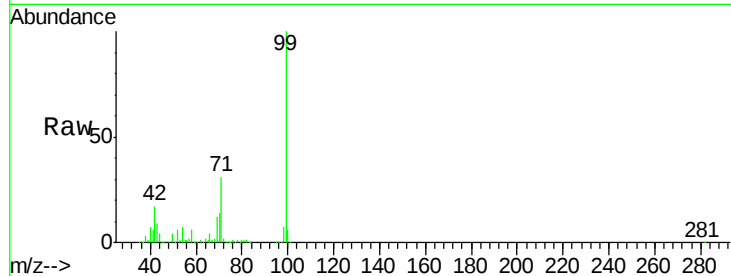
2-Fluorophenol
Concen: 52.984 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF120942.D
Acq: 20 Jul 2020 19:45

Tgt Ion:112 Resp: 619226
Ion Ratio Lower Upper
112 100
64 52.6 41.3 61.9
63 26.8 21.1 31.7



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: 31.812 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120942.D

Acq: 20 Jul 2020 19:45

Instrument :

BNA_F

ClientSampleId :

ERM-16R

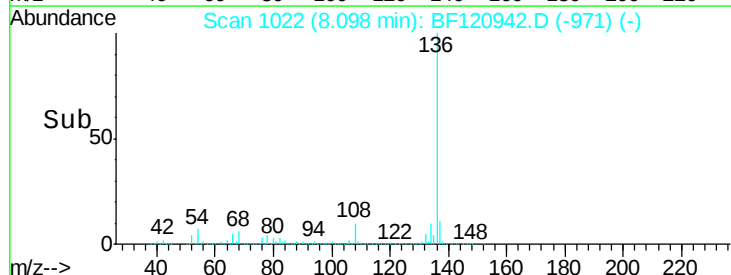
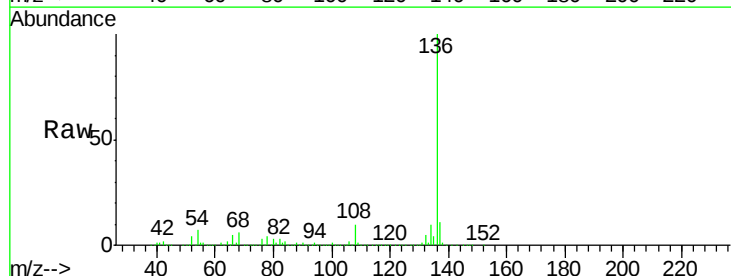
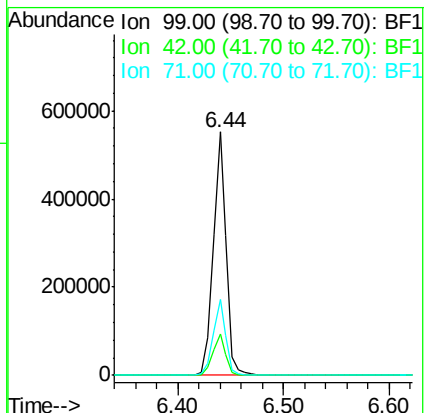
Tot Ion: 99 Resp: 480258

Ion Ratio Lower Upper

99 100

42 17.0 13.1 19.7

71 31.0 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120942.D

Acq: 20 Jul 2020 19:45

Tgt Ion: 136 Resp: 732105

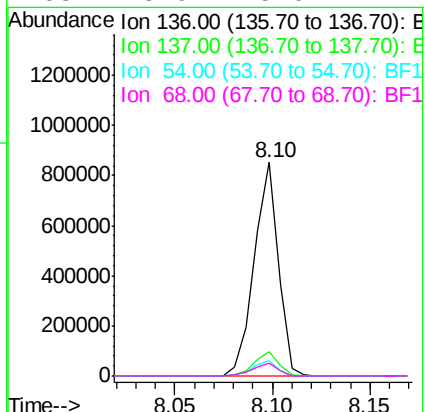
Ion Ratio Lower Upper

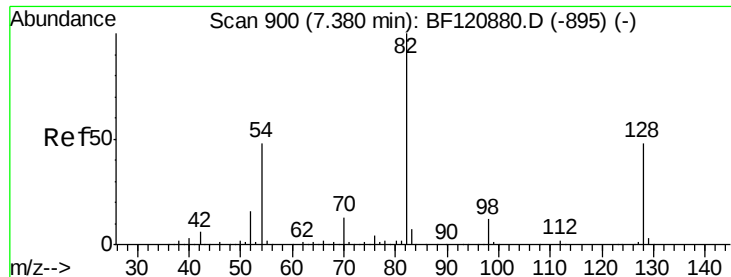
136 100

137 11.2 9.3 13.9

54 7.2 6.3 9.5

68 5.9 5.0 7.4

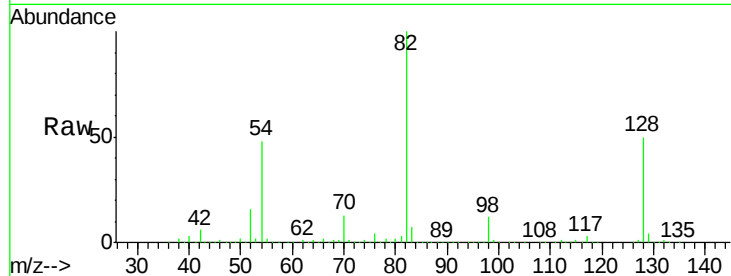




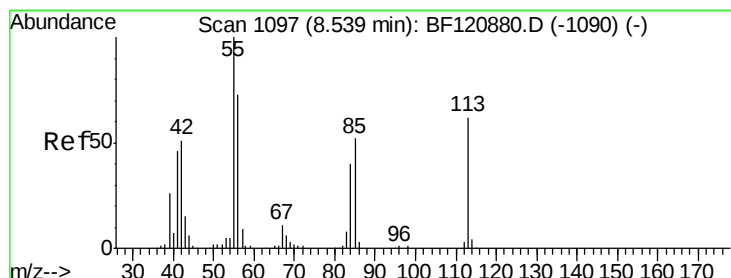
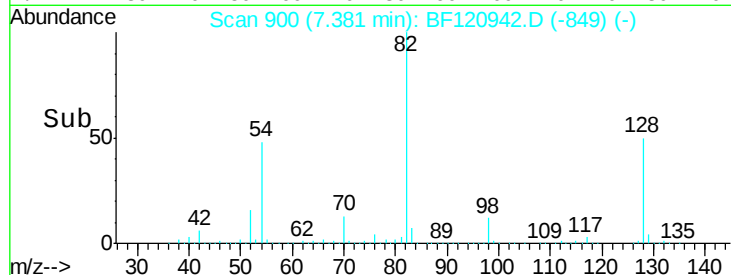
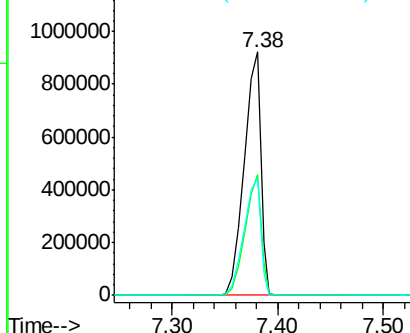
#23
Nitrobenzene-d5
Concen: 78.927 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120942.D
Acq: 20 Jul 2020 19:45

Instrument :
BNA_F
ClientSampleId :
ERM-16R

Tot Ion	82	Resp	998611
Ion Ratio	100		
Lower	38.2		
Upper	57.4		
54	48.0		58.1

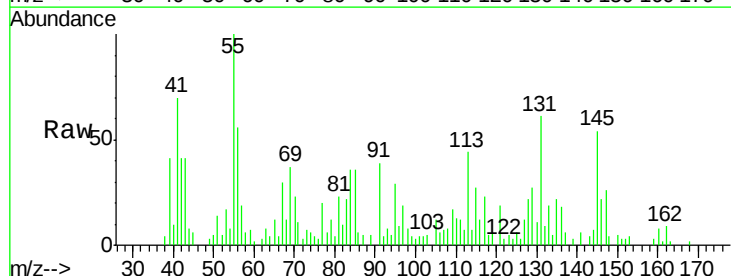


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

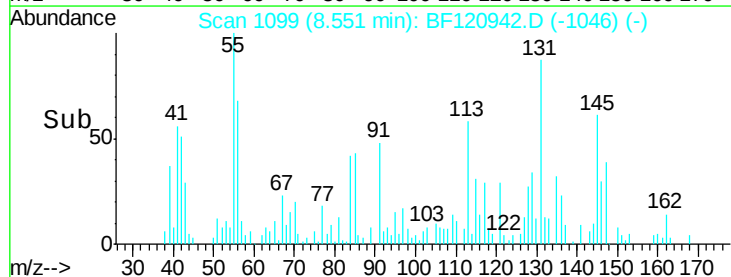
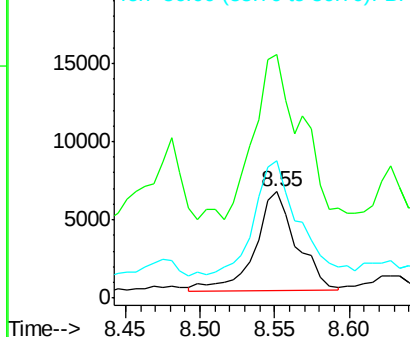


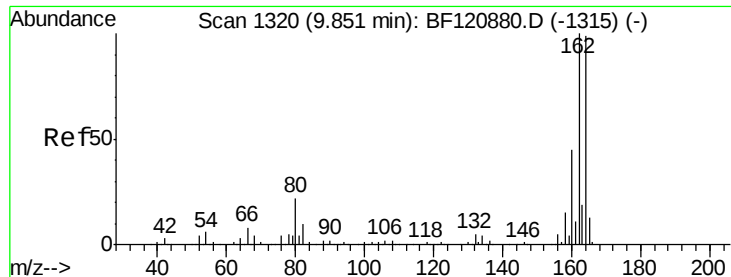
#35
Caprolactam
Concen: 3.464 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BF120942.D
Acq: 20 Jul 2020 19:45

Tgt Ion	113	Resp	11937
Ion Ratio	100		
Lower	143.3		
Upper	183.3		
55	229.2		183.3#
56	129.4		139.4



Abundance Ion 113.00 (112.70 to 113.70): BF1
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120942.D

Acq: 20 Jul 2020 19:45

Instrument :

BNA_F

ClientSampleId :

ERM-16R

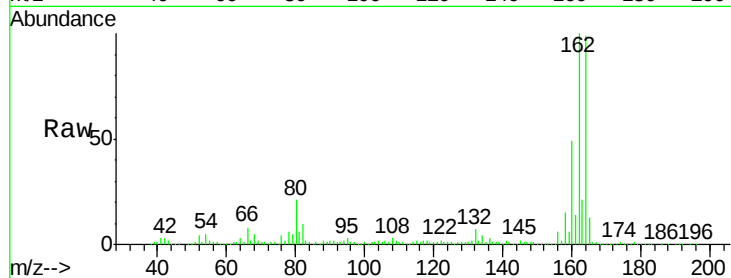
Tot Ion:164 Resp: 396281

Ion Ratio Lower Upper

164 100

162 101.4 81.2 121.8

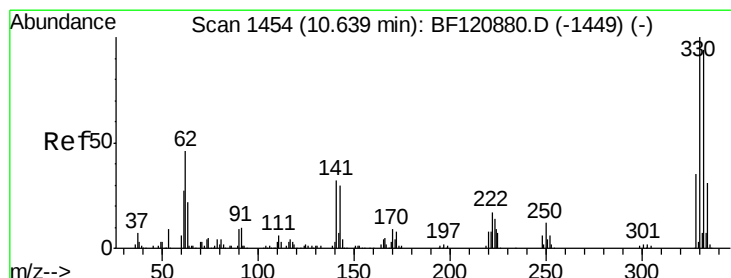
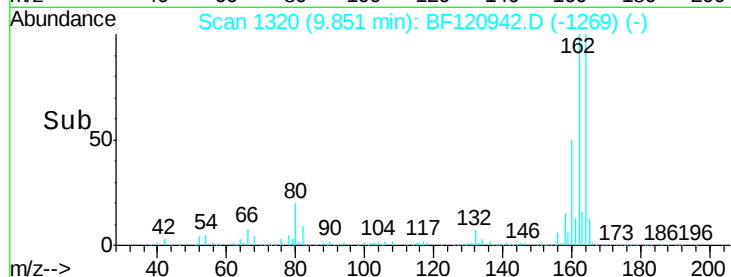
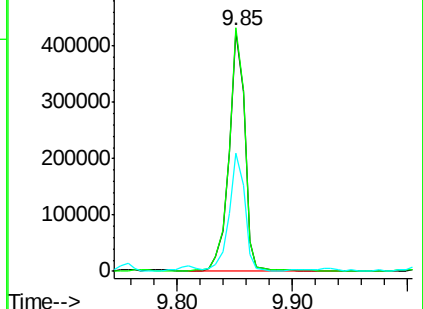
160 49.2 36.9 55.3



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: 111.854 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120942.D

Acq: 20 Jul 2020 19:45

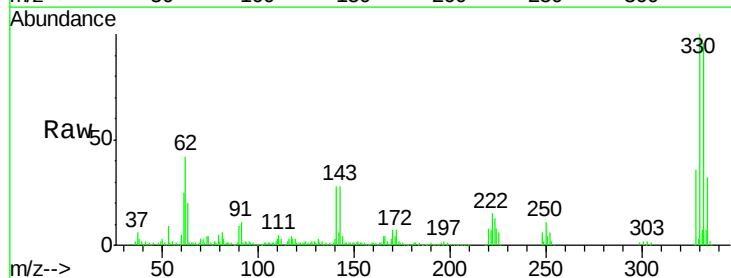
Tgt Ion:330 Resp: 485188

Ion Ratio Lower Upper

330 100

332 96.1 75.5 113.3

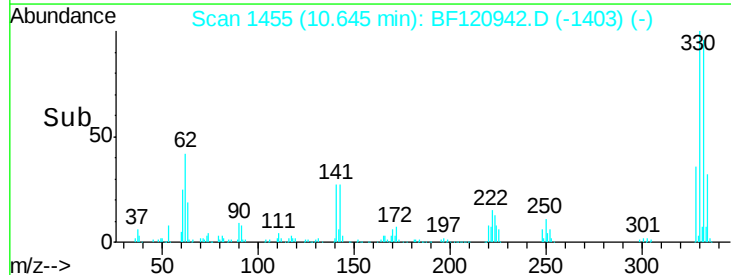
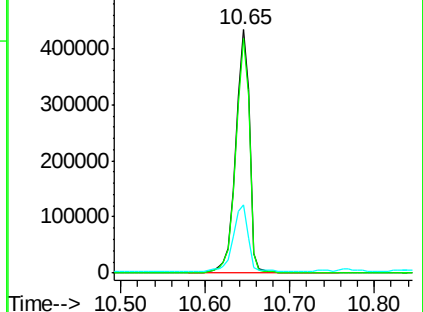
141 29.3 25.7 38.5

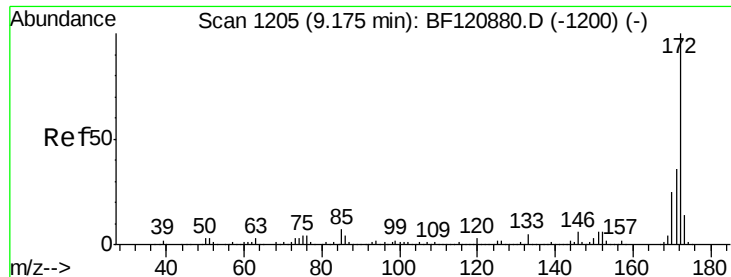


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

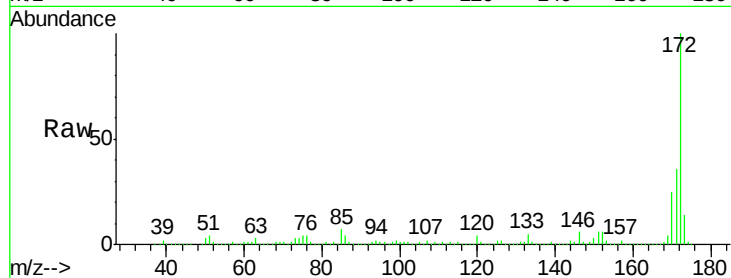




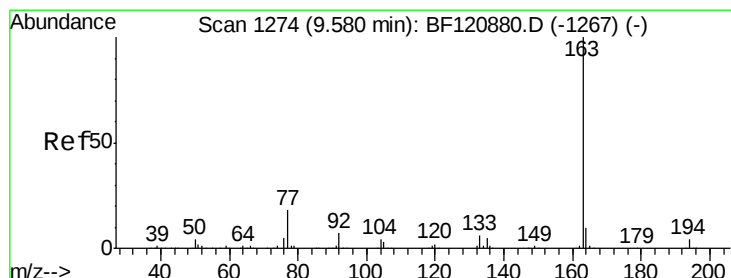
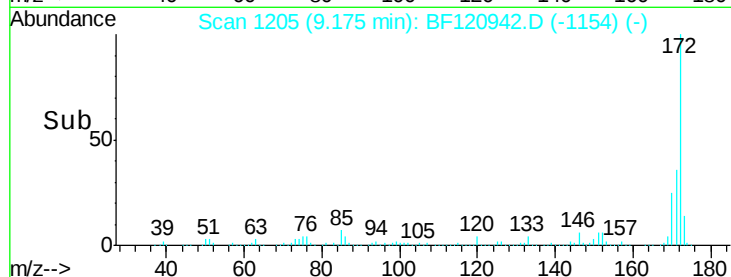
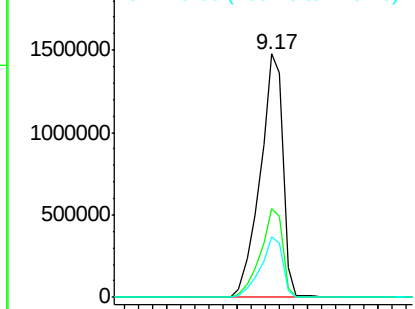
#45
2-Fluorobiphenyl
Concen: 63.435 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120942.D
Acq: 20 Jul 2020 19:45

Instrument :
BNA_F
ClientSampleId :
ERM-16R

Tot Ion:172 Resp: 1683689
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.4
170 25.0 19.6 29.4

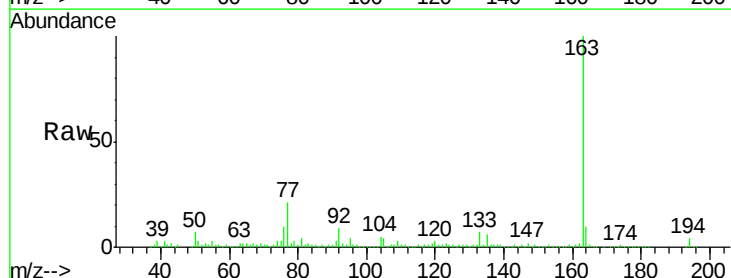


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

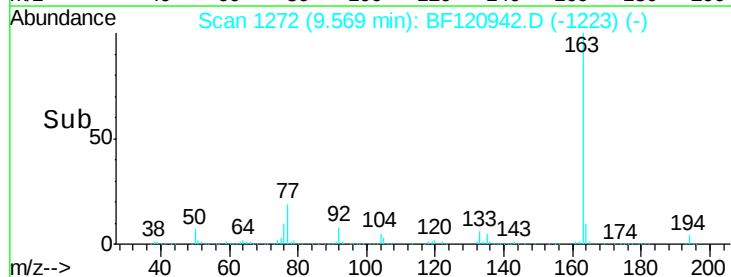
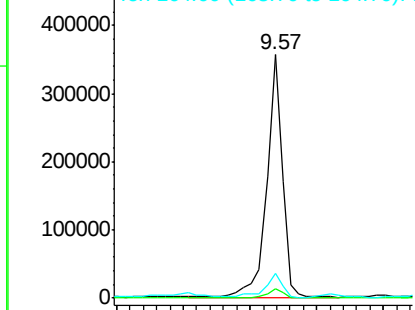


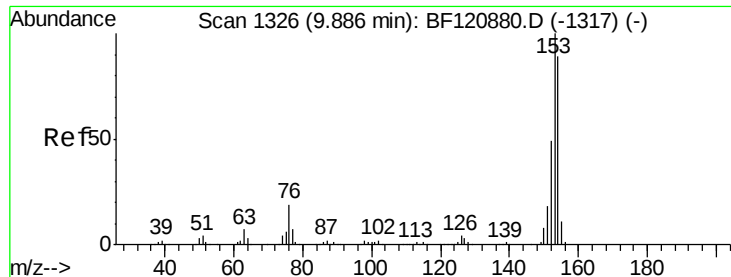
#50
Dimethylphthalate
Concen: 10.037 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF120942.D
Acq: 20 Jul 2020 19:45

Tgt Ion:163 Resp: 286945
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.3 7.9 11.9



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





#52

Acenaphthene

Concen: 2.412 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF120942.D

Acq: 20 Jul 2020 19:45

Instrument :

BNA_F

ClientSampleId :

ERM-16R

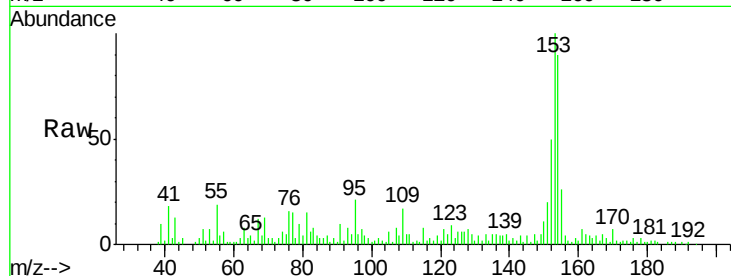
Tot Ion:154 Resp: 58713

Ion Ratio Lower Upper

154 100

153 111.7 89.5 134.3

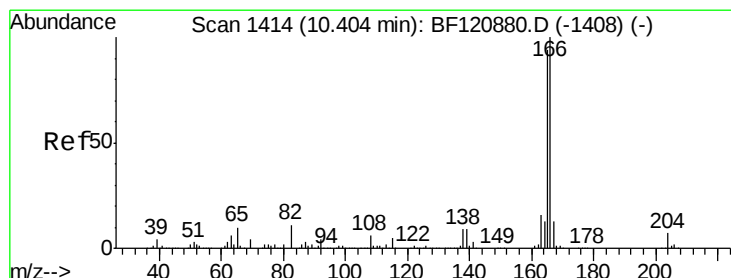
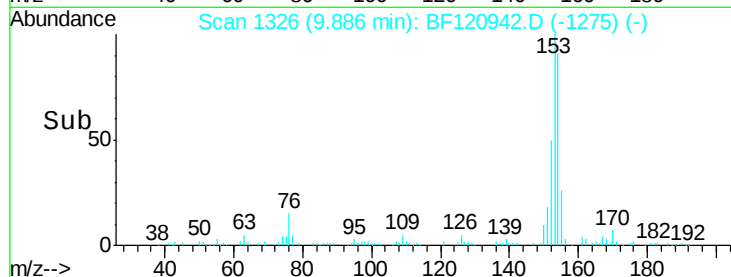
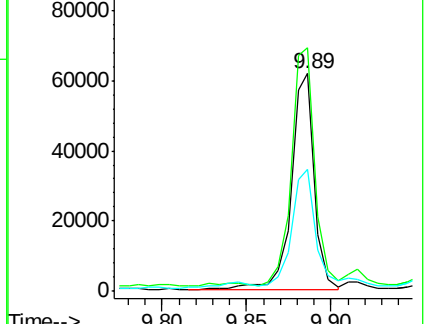
152 56.0 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#58

Fluorene

Concen: 2.456 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF120942.D

Acq: 20 Jul 2020 19:45

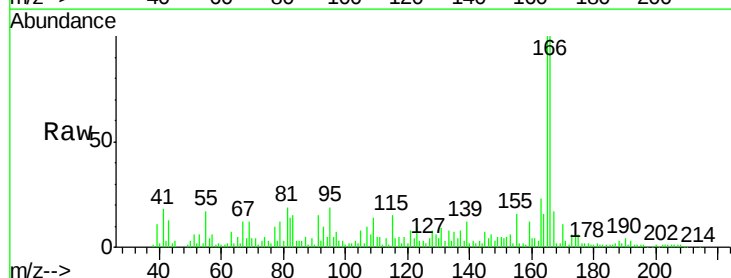
Tgt Ion:166 Resp: 64476

Ion Ratio Lower Upper

166 100

165 99.5 75.4 113.0

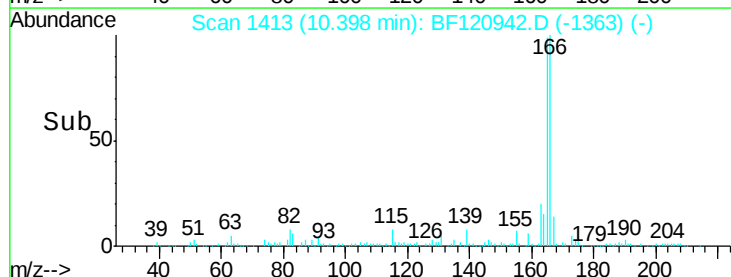
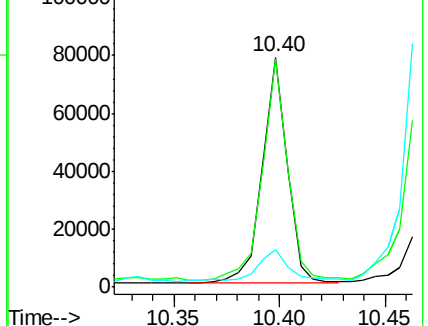
167 16.5 10.6 15.8#

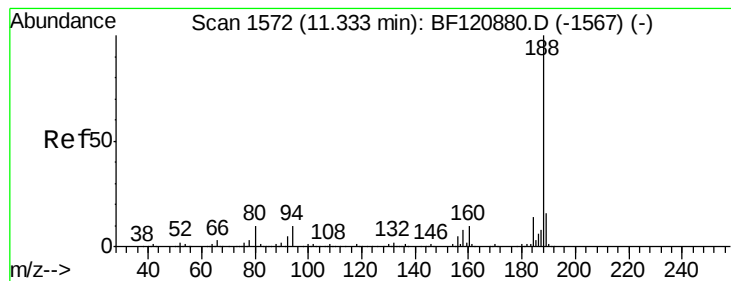


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF120942.D

Acq: 20 Jul 2020 19:45

Instrument :

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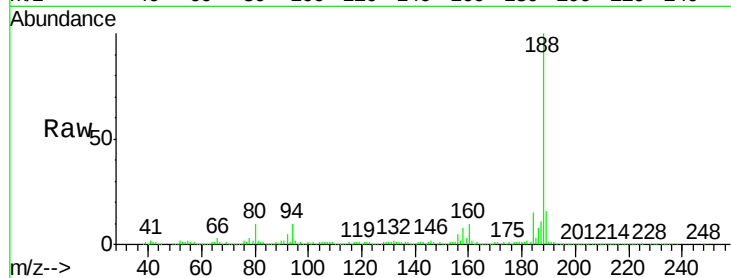
Tot Ion:188 Resp: 720359

Ion Ratio Lower Upper

188 100

94 9.9 8.0 12.0

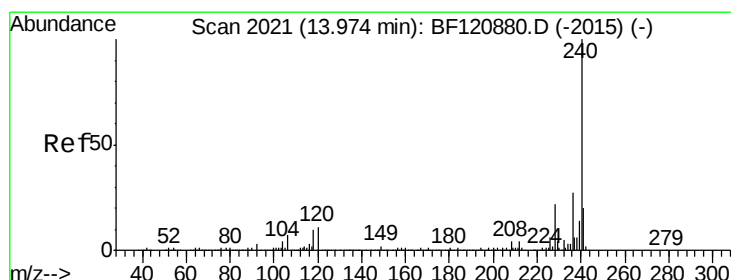
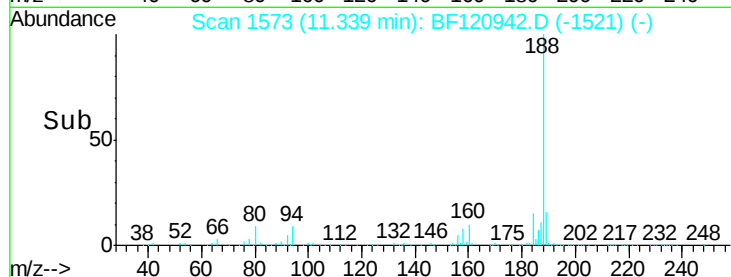
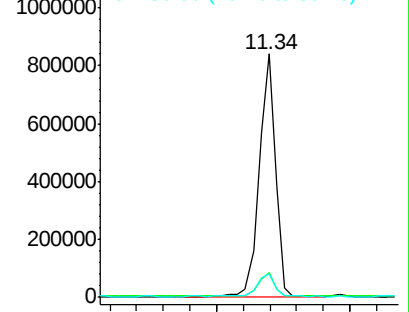
80 9.9 8.3 12.5



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: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF120942.D

Acq: 20 Jul 2020 19:45

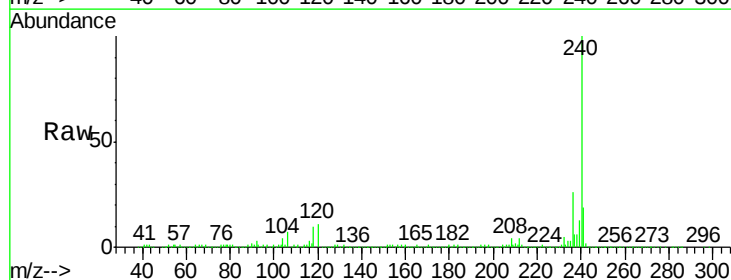
Tgt Ion:240 Resp: 592306

Ion Ratio Lower Upper

240 100

120 11.4 9.0 13.4

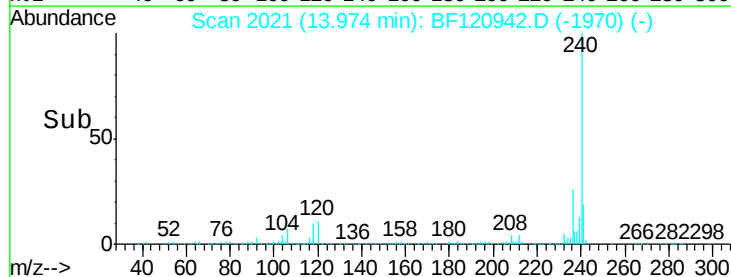
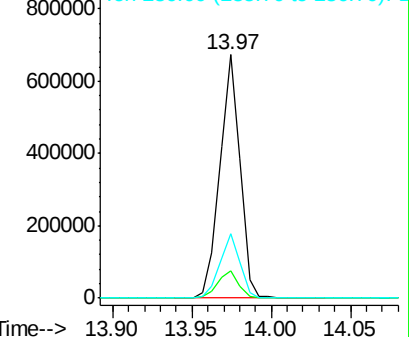
236 26.5 21.7 32.5

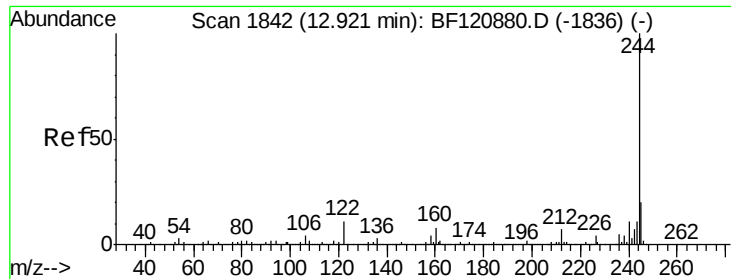


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 65.406 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF120942.D

Acq: 20 Jul 2020 19:45

Instrument :

BNA_F

ClientSampleId :

ERM-16R

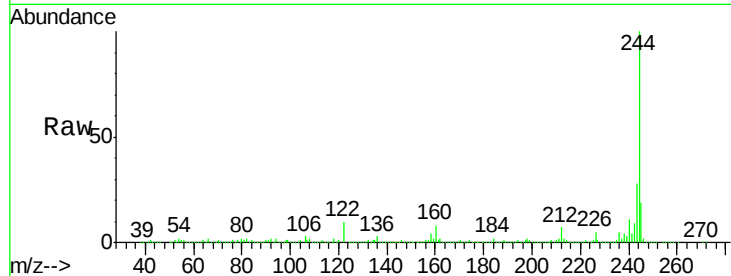
Tot Ion:244 Resp: 1782158

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

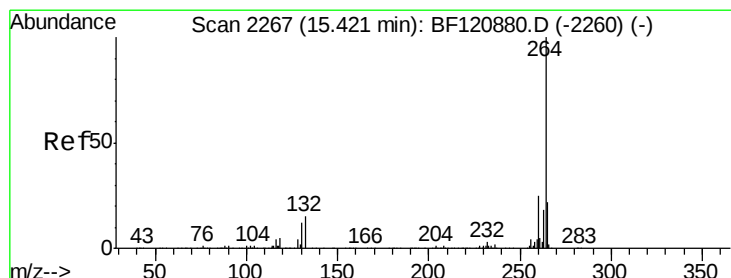
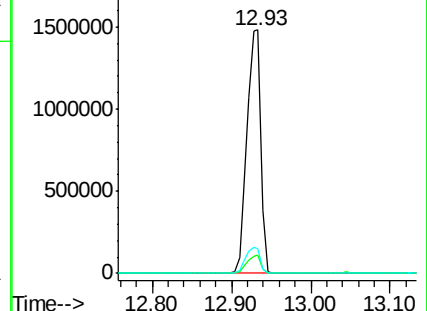
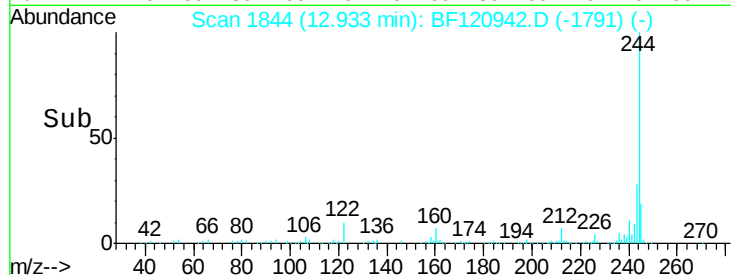
122 10.1 8.9 13.3



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: 15.42 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BF120942.D

Acq: 20 Jul 2020 19:45

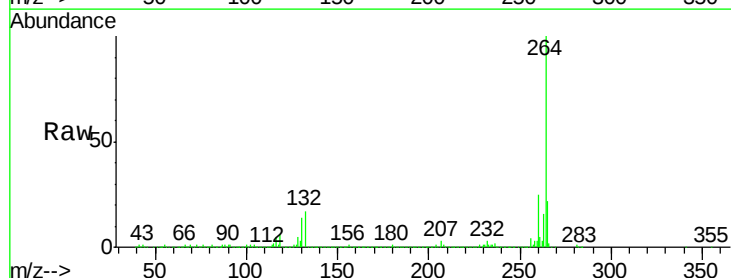
Tgt Ion:264 Resp: 472070

Ion Ratio Lower Upper

264 100

260 24.9 20.0 30.0

265 21.9 17.4 26.2



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

