

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
 Data File : BF120923.D
 Acq On : 17 Jul 2020 15:27
 Operator : JU/CG
 Sample : L3335-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-S

Quant Time: Jul 17 16:02:35 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

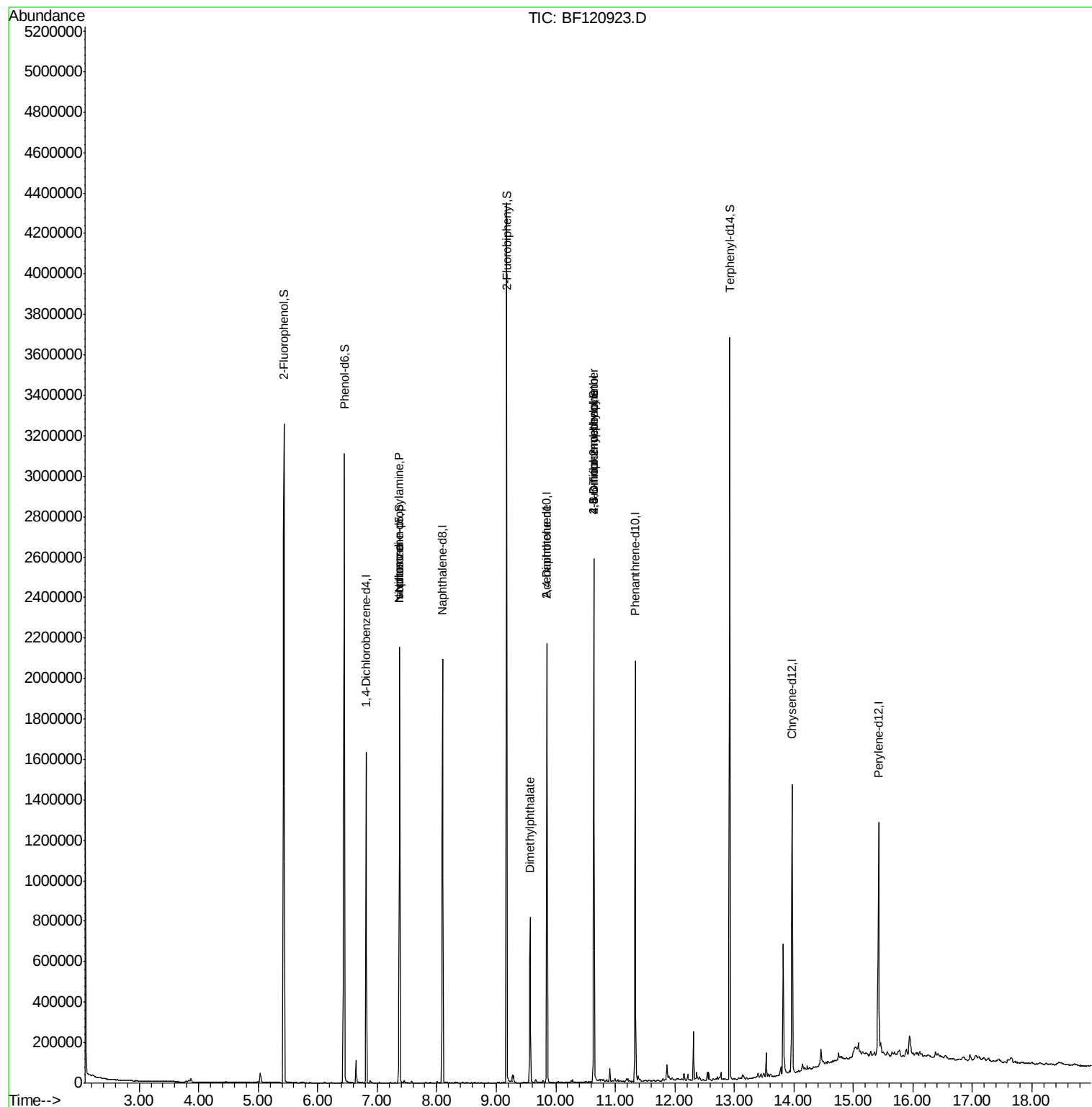
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	226375	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	847741	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	430446	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	774486	20.00	ng	0.00
76) Chrysene-d12	13.97	240	481216	20.00	ng	0.00
86) Perylene-d12	15.42	264	490063	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	986659	71.45	ng	0.01
7) Phenol-d6	6.45	99	1219240	68.35	ng	0.00
23) Nitrobenzene-d5	7.37	82	762442	52.04	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	337048	71.53	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1367523	47.43	ng	0.00
79) Terphenyl-d14	12.92	244	1237195	55.89	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	1755	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	100626	9.921 ng	#	1
25) Isophorone	7.37	82	758629	25.945 ng	#	79
50) Dimethylphthalate	9.57	163	303891	9.786 ng	#	63
57) 2,4-Dinitrotoluene	9.85	165	54821	6.257 ng	#	100
65) 4,6-Dinitro-2-methylphenol	10.64	198	684	3.983 ng	#	27
67) 4-Bromophenyl-phenylether	10.64	248	19107	2.213 ng	#	1

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

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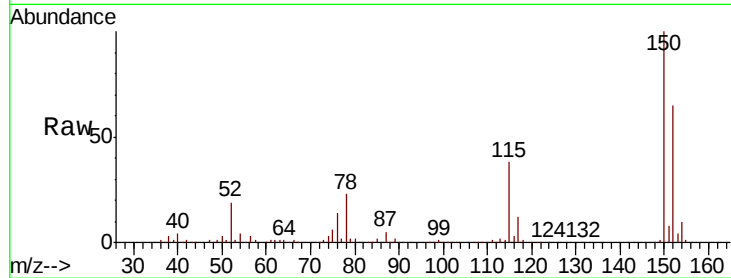


#1

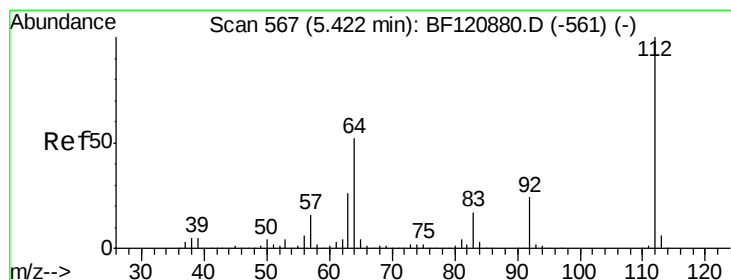
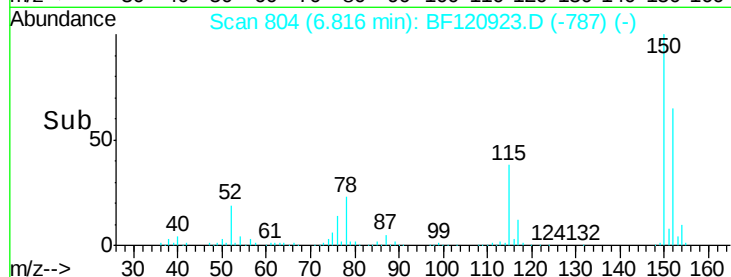
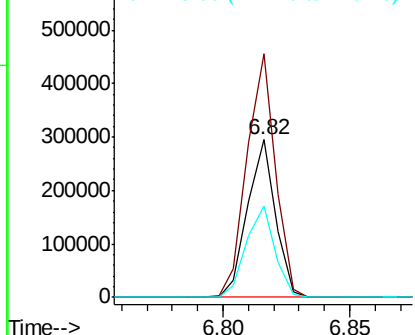
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120923.D
Acq: 17 Jul 2020 15:27

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tot Ion:152 Resp: 226375
Ion Ratio Lower Upper
152 100
150 154.7 125.0 187.6
115 58.4 47.0 70.4



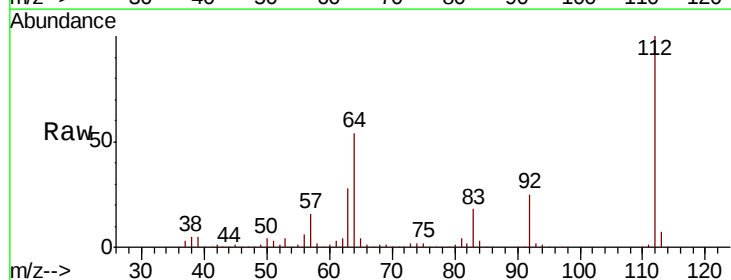
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



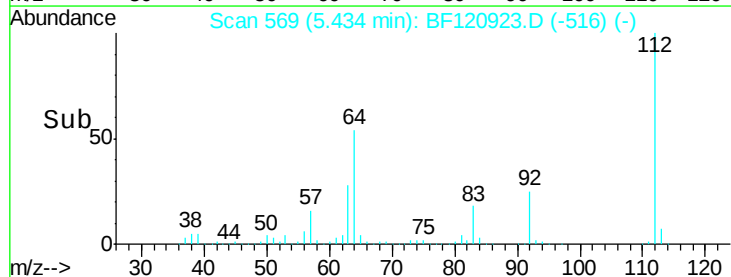
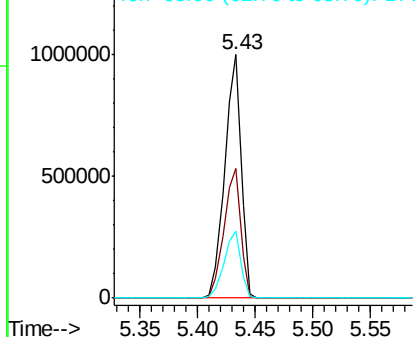
#5

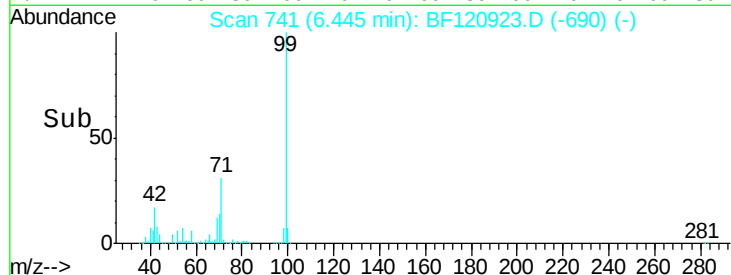
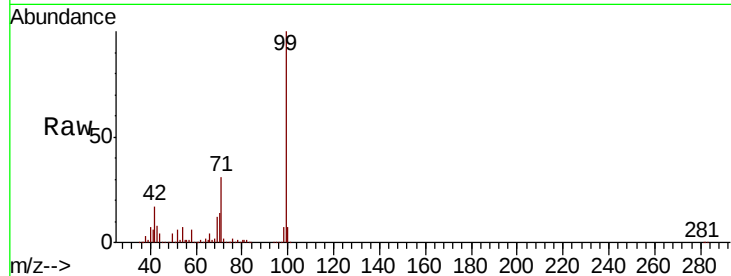
2-Fluorophenol
Concen: 71.452 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF120923.D
Acq: 17 Jul 2020 15:27

Tgt Ion:112 Resp: 986659
Ion Ratio Lower Upper
112 100
64 53.5 41.3 61.9
63 27.6 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: 68.353 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120923.D

Acq: 17 Jul 2020 15:27

Instrument :

BNA_F

ClientSampleId :

TP-12-S

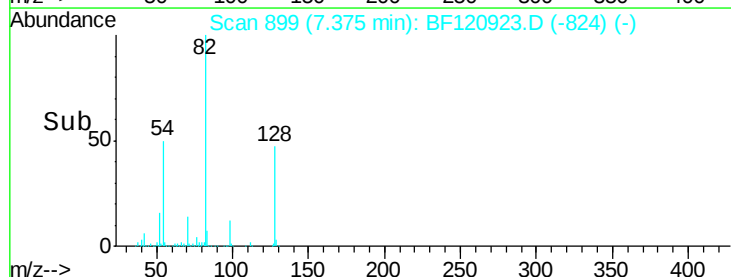
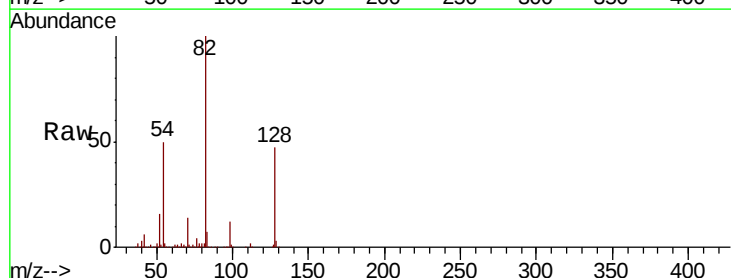
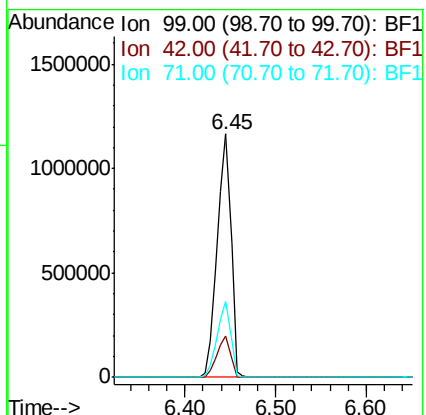
Tot Ion: 99 Resp: 1219240

Ion Ratio Lower Upper

99 100

42 16.8 13.1 19.7

71 31.0 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 9.921 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120923.D

Acq: 17 Jul 2020 15:27

Tgt Ion: 70 Resp: 100626

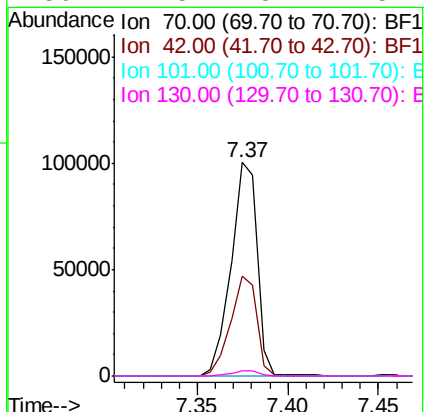
Ion Ratio Lower Upper

70 100

42 46.7 44.0 66.0

101 0.0 7.8 11.6#

130 2.5 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120923.D

Acq: 17 Jul 2020 15:27

Instrument :

BNA_F

ClientSampleId :

TP-12-S

Tot Ion:136 Resp: 847741

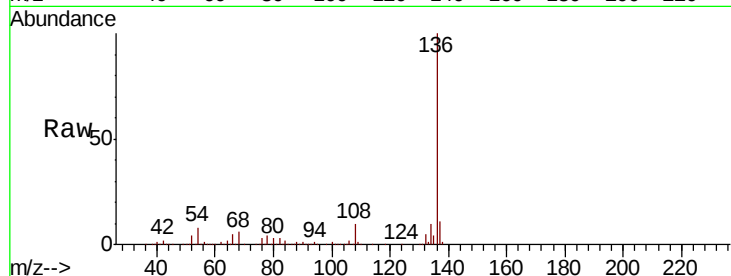
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 7.6 6.3 9.5

68 6.3 5.0 7.4

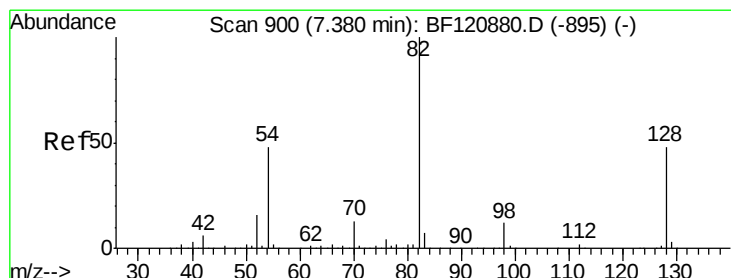
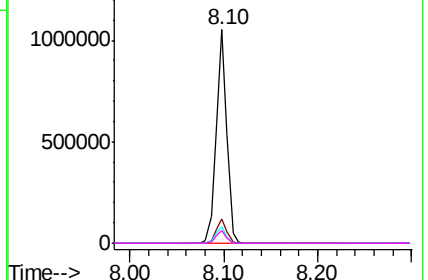
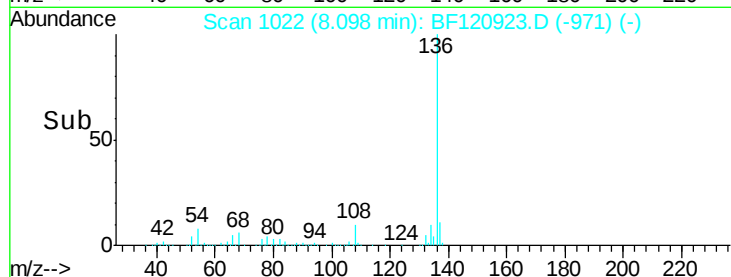


Abundance Ion 136.00 (135.70 to 136.70): E

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: 52.041 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120923.D

Acq: 17 Jul 2020 15:27

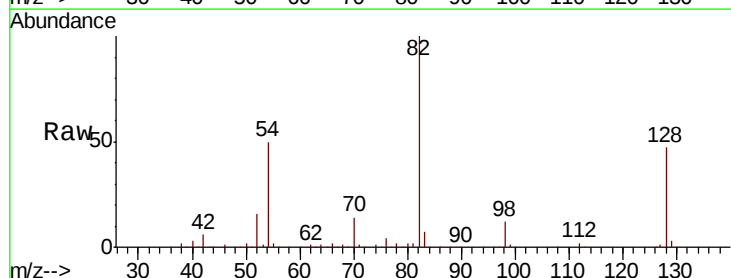
Tgt Ion: 82 Resp: 762442

Ion Ratio Lower Upper

82 100

128 46.7 38.2 57.4

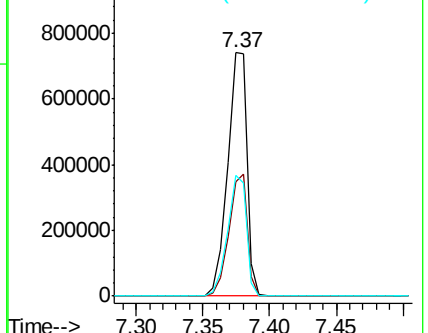
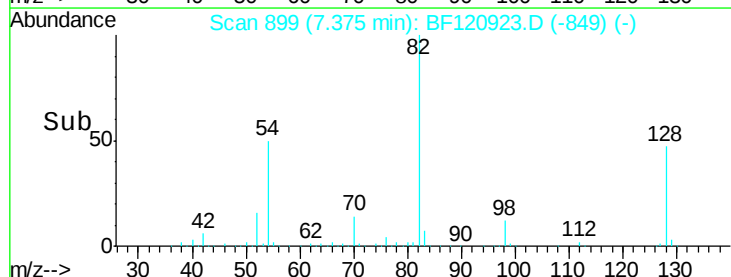
54 49.8 38.7 58.1

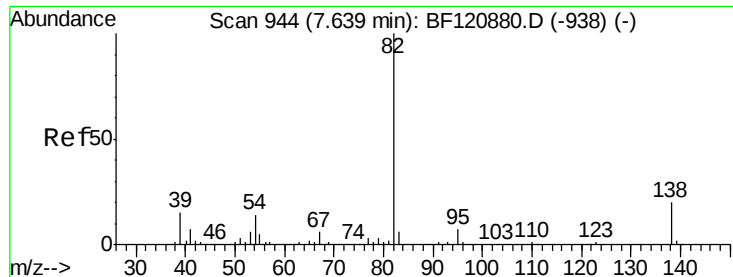


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

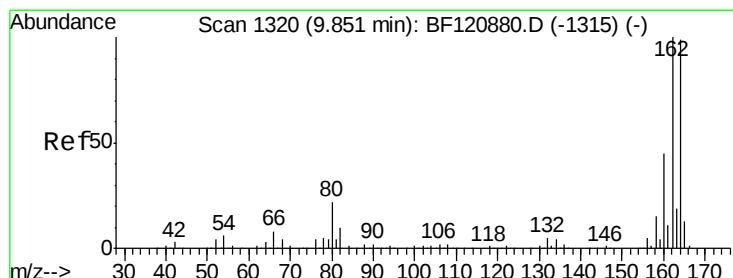
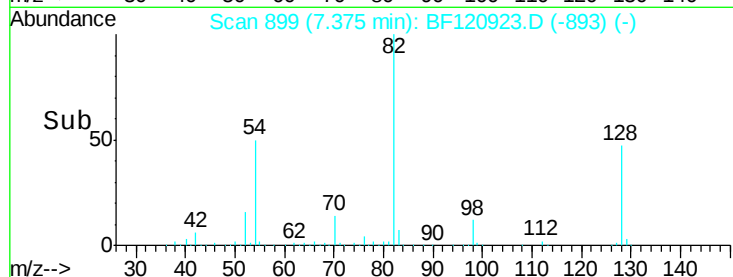
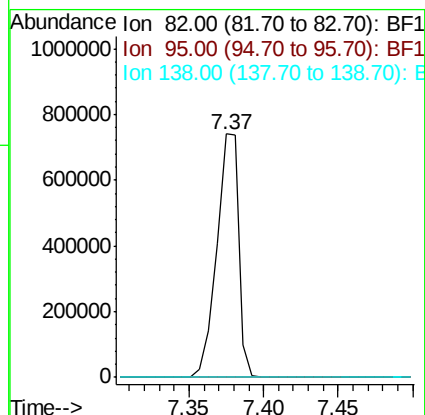
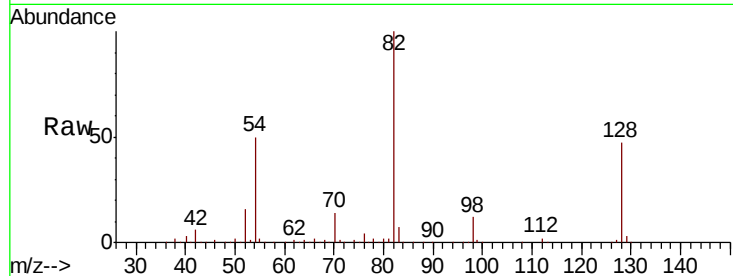




#25
Isophorone
Concen: 25.945 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF120923.D
Acq: 17 Jul 2020 15:27

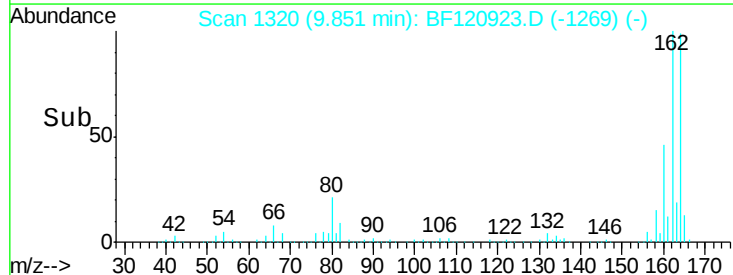
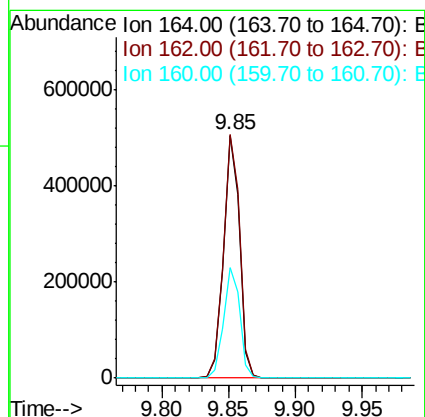
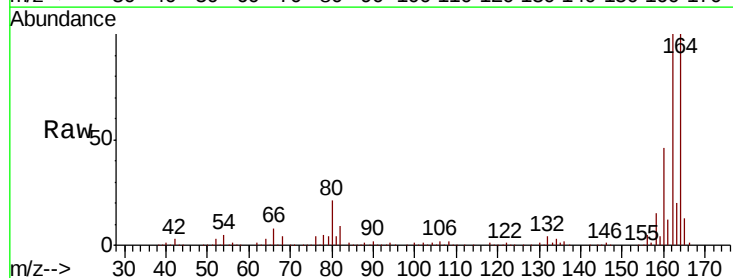
Instrument :
BNA_F
ClientSampleId :
TP-12-S

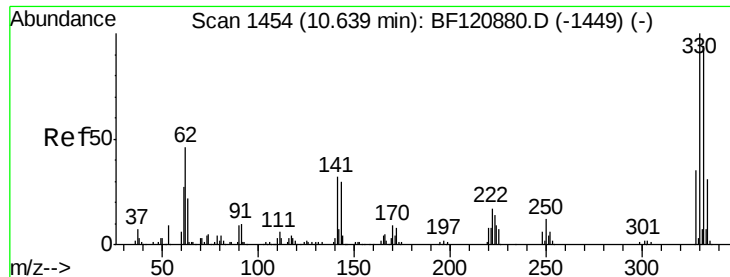
Tot Ion: 82 Resp: 758629
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.6 23.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120923.D
Acq: 17 Jul 2020 15:27

Tgt Ion:164 Resp: 430446
Ion Ratio Lower Upper
164 100
162 100.4 81.2 121.8
160 45.8 36.9 55.3





#42

2,4,6-Tribromophenol

Concen: 71.535 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120923.D

Acq: 17 Jul 2020 15:27

Instrument :

BNA_F

ClientSampleId :

TP-12-S

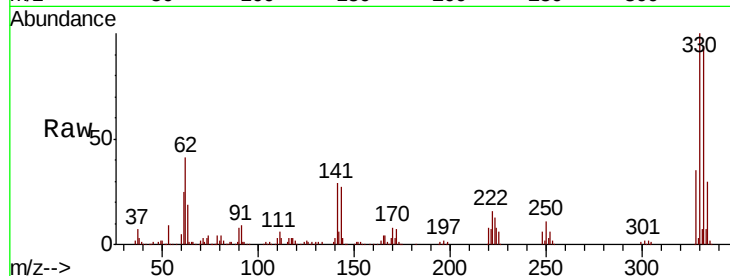
Tot Ion:330 Resp: 337048

Ion Ratio Lower Upper

330 100

332 95.5 75.5 113.3

141 29.6 25.7 38.5

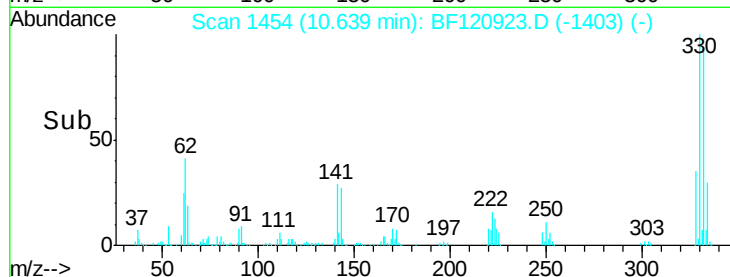


Abundance Ion 329.80 (329.50 to 330.50): E

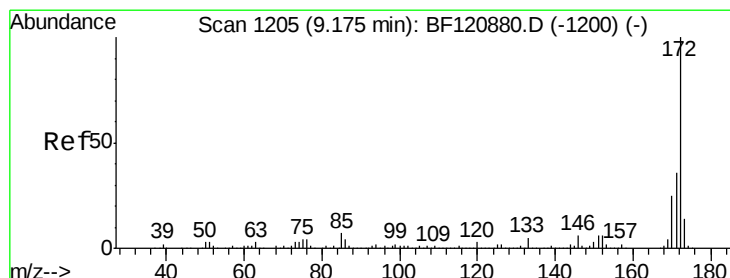
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

10.64



Time-->



#45

2-Fluorobiphenyl

Concen: 47.434 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF120923.D

Acq: 17 Jul 2020 15:27

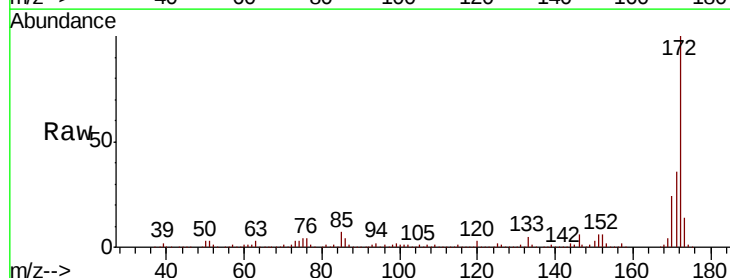
Tgt Ion:172 Resp: 1367523

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.4

170 24.5 19.6 29.4

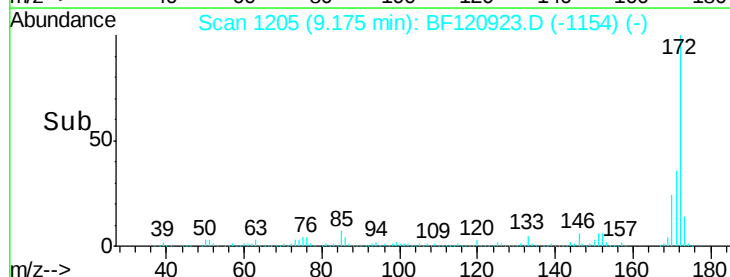


Abundance Ion 172.00 (171.70 to 172.70): E

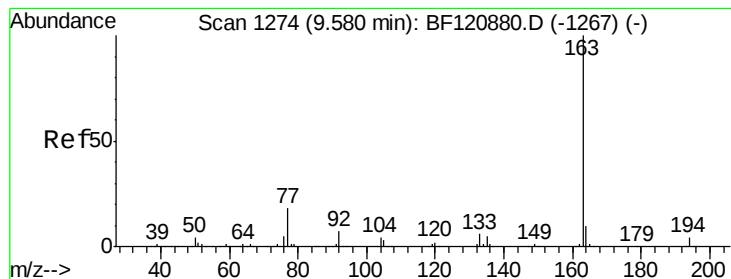
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

9.17



Time-->



#50

Dimethylphthalate

Concen: 9.786 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF120923.D

Acq: 17 Jul 2020 15:27

Instrument :

BNA_F

ClientSampled :

TP-12-S

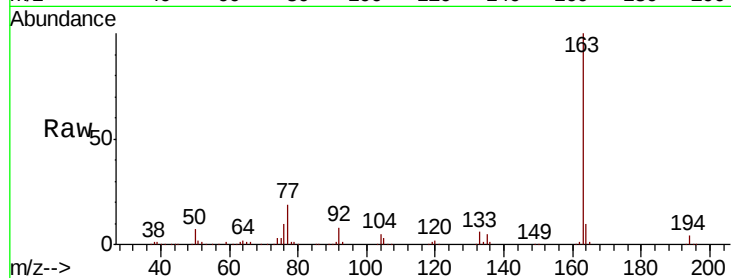
Tot Ion:163 Resp: 303891

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.0 7.9 11.9



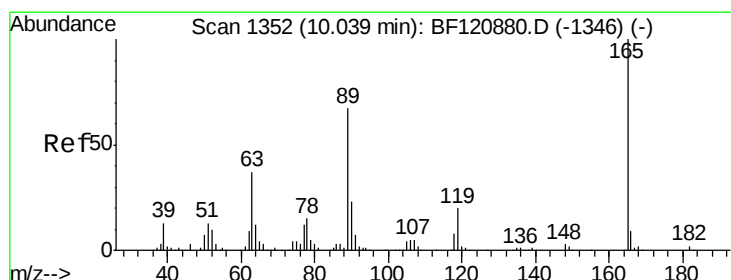
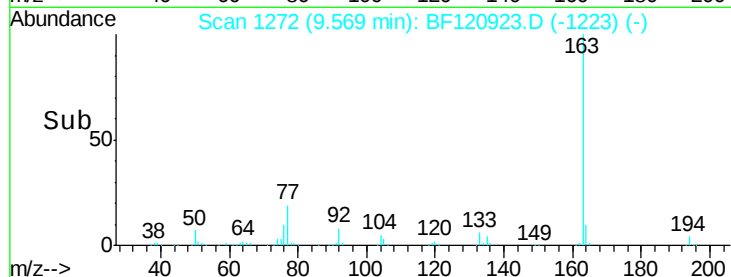
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

9.57

Time-->



#57

2,4-Dinitrotoluene

Concen: 6.257 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.19 min

Lab File: BF120923.D

Acq: 17 Jul 2020 15:27

Tgt Ion:165 Resp: 54821

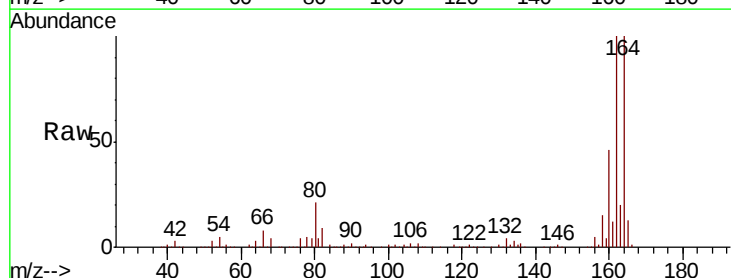
Ion Ratio Lower Upper

165 100

63 0.9 29.4 44.2#

89 1.1 53.4 80.0#

182 0.0 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E

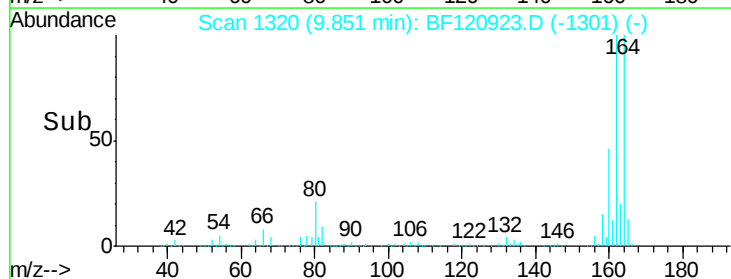
Ion 63.00 (62.70 to 63.70): BF1

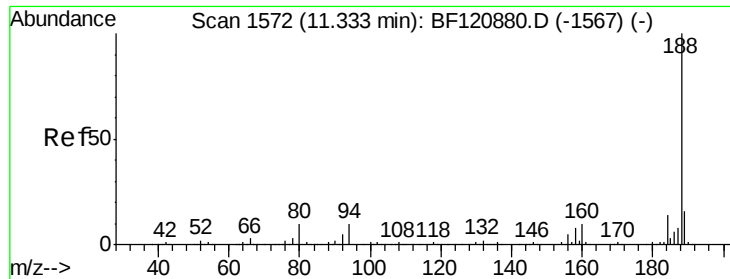
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

9.85

Time-->

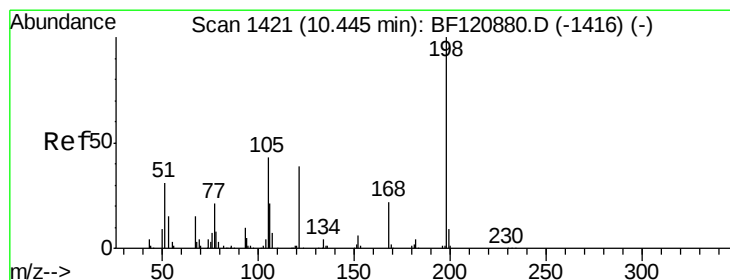
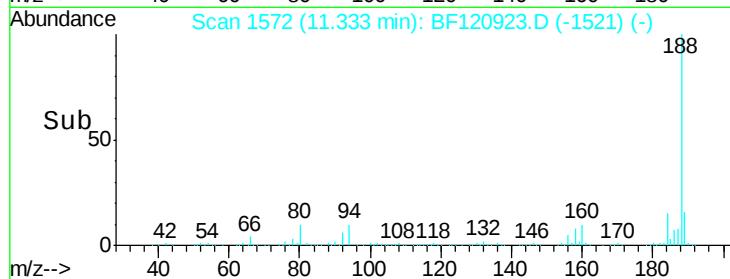
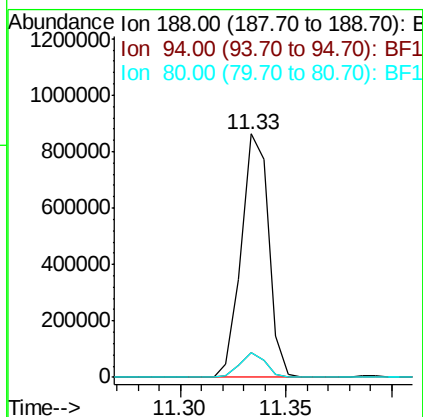
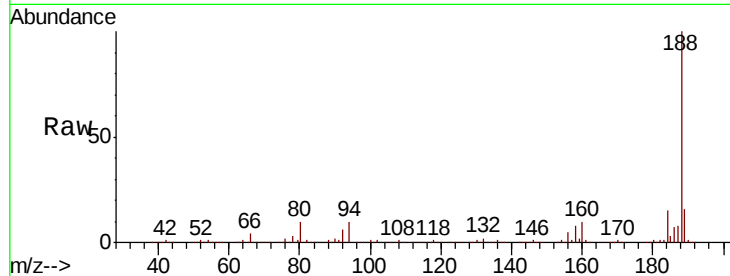




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF120923.D
 Acq: 17 Jul 2020 15:27

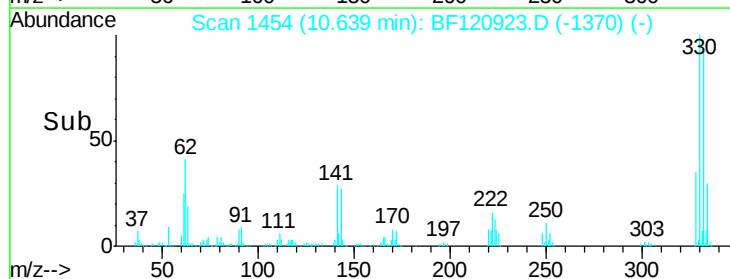
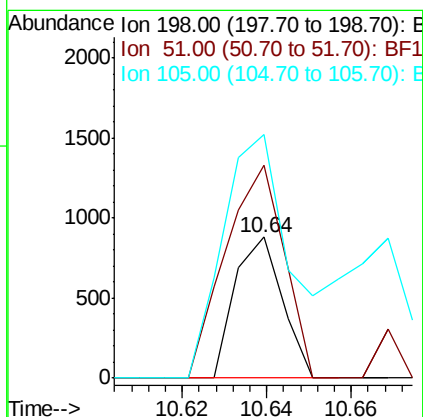
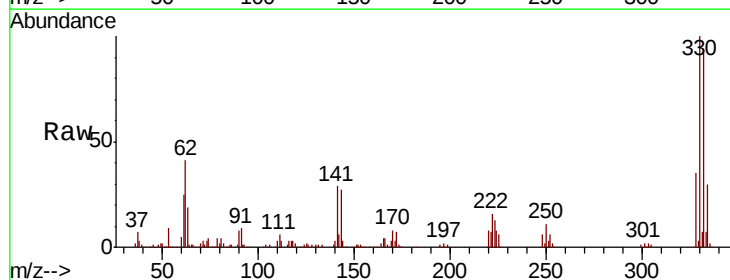
Instrument :
 BNA_F
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 TP-12-S

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.0	12.0
80	10.4	8.3	12.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 3.983 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.19 min
 Lab File: BF120923.D
 Acq: 17 Jul 2020 15:27

Tgt Ion	Ratio	Lower	Upper
198	100		
51	150.9	19.5	59.5#
105	173.1	24.4	64.4#

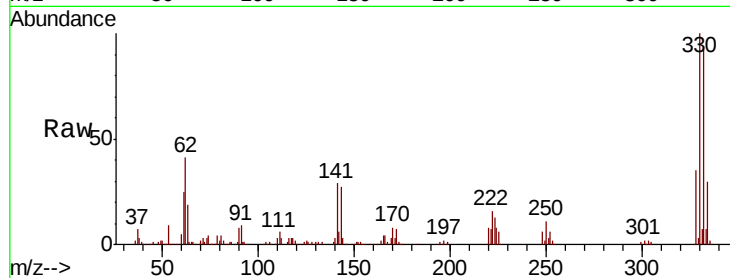




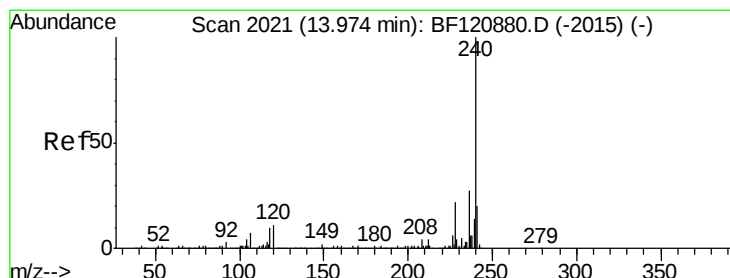
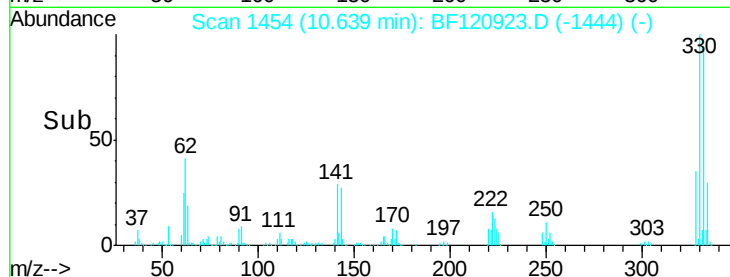
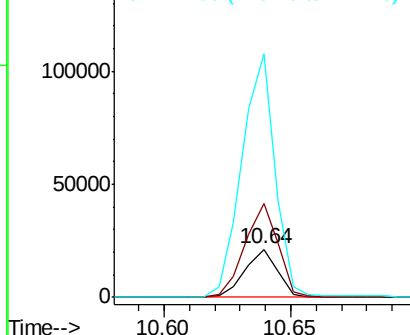
#67
 4-Bromophenyl-phenylether
 Concen: 2.213 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF120923.D
 Acq: 17 Jul 2020 15:27

Instrument :
 BNA_F
 ClientSampleID :
 TP-12-S

Tot Ion	Ratio	Lower	Upper
248	100		
250	194.8	77.1	115.7#
141	505.8	61.2	91.8#

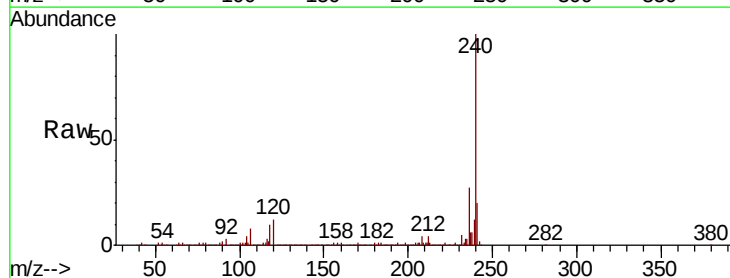


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

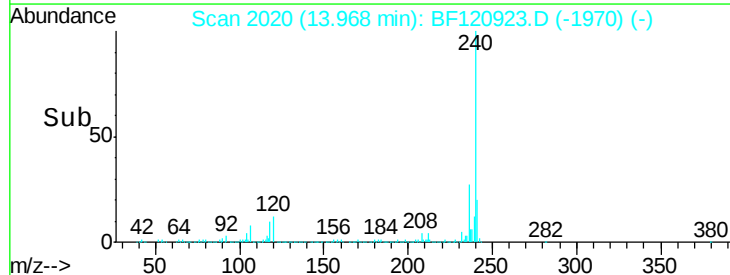
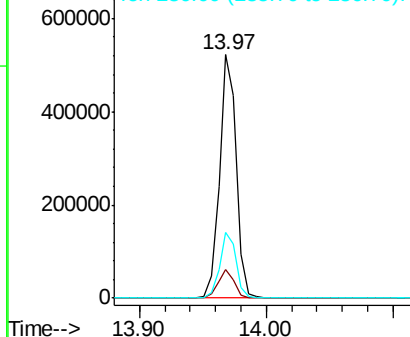


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF120923.D
 Acq: 17 Jul 2020 15:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.0	13.4
236	26.9	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: 55.887 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120923.D

Acq: 17 Jul 2020 15:27

Instrument :

BNA_F

ClientSampleId :

TP-12-S

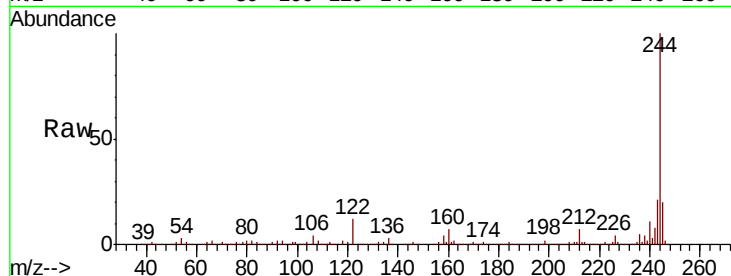
Tot Ion:244 Resp: 1237195

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

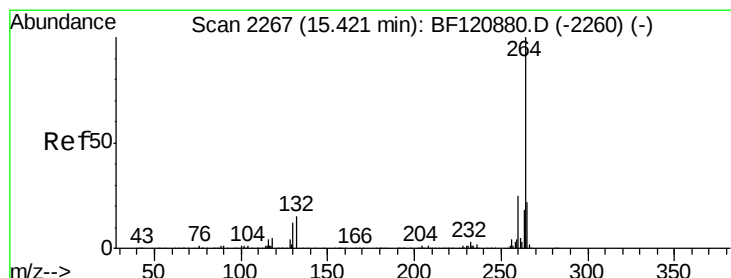
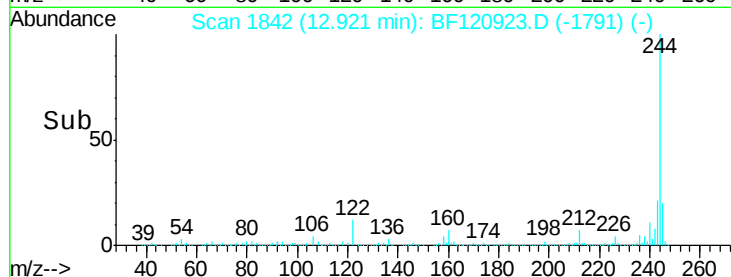
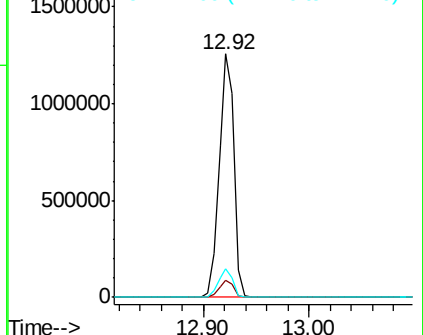
122 11.6 8.9 13.3



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: BF120923.D

Acq: 17 Jul 2020 15:27

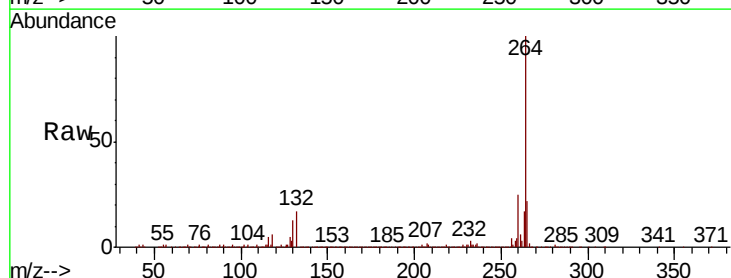
Tgt Ion:264 Resp: 490063

Ion Ratio Lower Upper

264 100

260 24.7 20.0 30.0

265 22.1 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

