

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
 Data File : BF120924.D
 Acq On : 17 Jul 2020 15:56
 Operator : JU/CG
 Sample : L3335-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-D

Quant Time: Jul 17 16:22:46 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

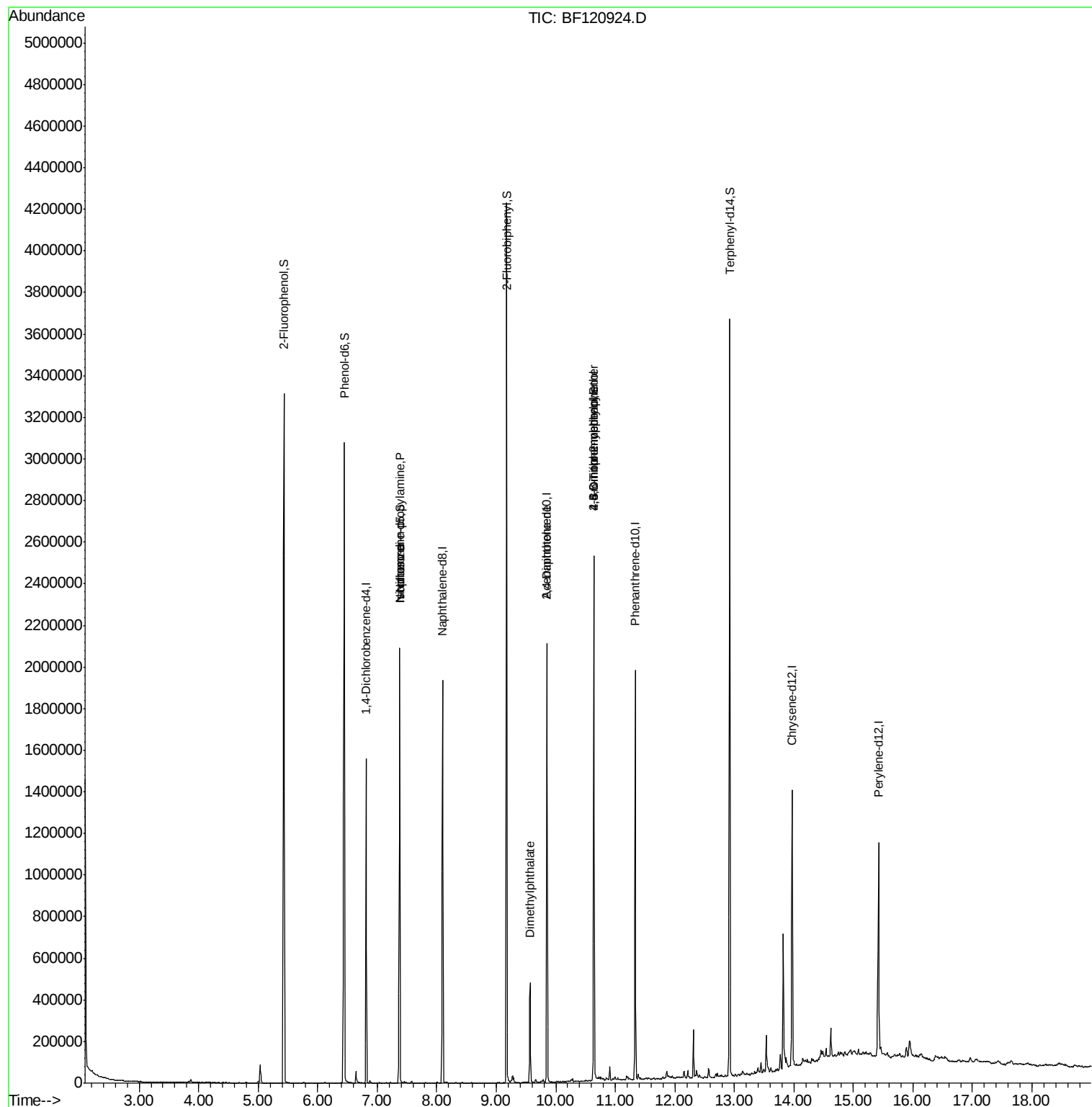
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	214909	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	817091	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	408556	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	736057	20.00	ng	0.00
76) Chrysene-d12	13.97	240	458688	20.00	ng	0.00
86) Perylene-d12	15.42	264	466649	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	988872	75.43	ng	0.01
7) Phenol-d6	6.45	99	1209750	71.44	ng	0.00
23) Nitrobenzene-d5	7.37	82	751943	53.25	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	327790	73.30	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1367119	49.96	ng	0.00
79) Terphenyl-d14	12.92	244	1251554	59.31	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	1818	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.37	70	98711	10.251	ng	# 77
25) Isophorone	7.37	82	748684	26.565	ng	# 63
50) Dimethylphthalate	9.57	163	188656	6.401	ng	100
57) 2,4-Dinitrotoluene	9.85	165	52375	6.298	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.64	198	572	3.966	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	18406	2.243	ng	# 1

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

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11-D

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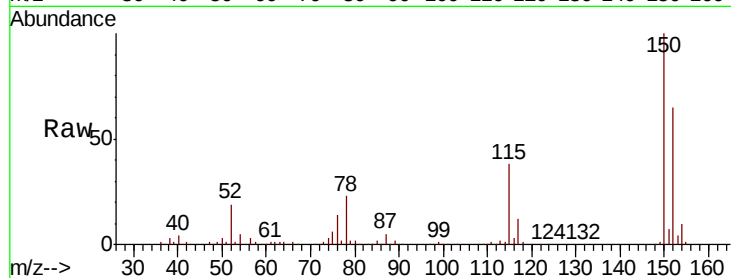


#1

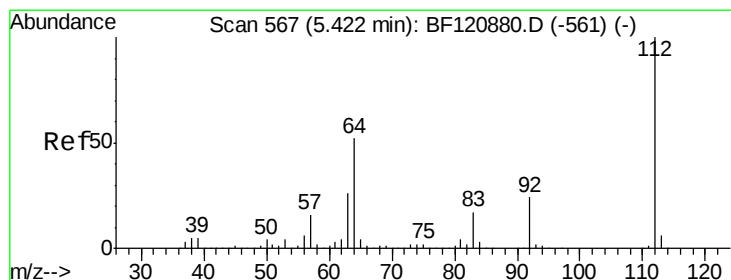
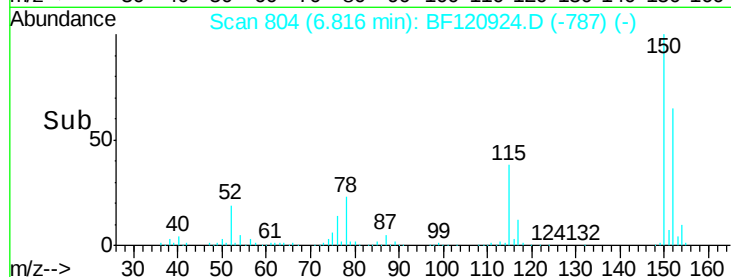
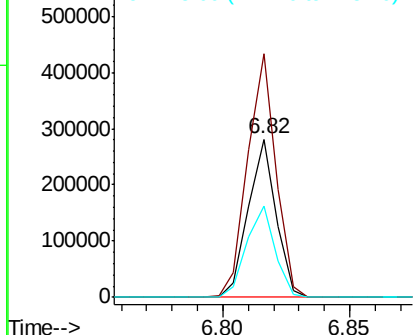
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120924.D
Acq: 17 Jul 2020 15:56

Instrument :
BNA_F
ClientSampleId :
TP-11-D

Tot Ion:152 Resp: 214909
Ion Ratio Lower Upper
152 100
150 153.9 125.0 187.6
115 57.9 47.0 70.4



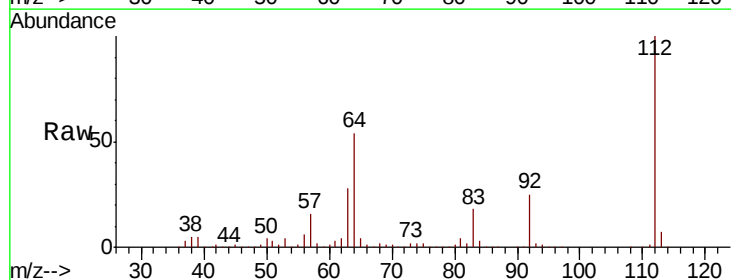
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



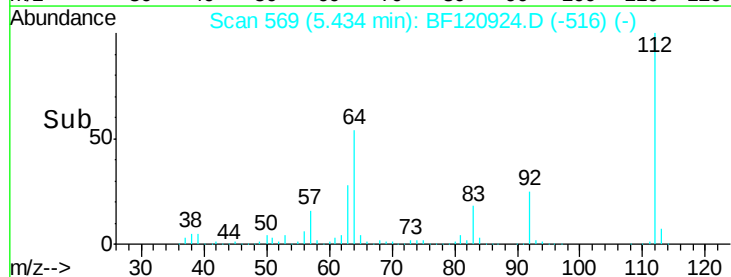
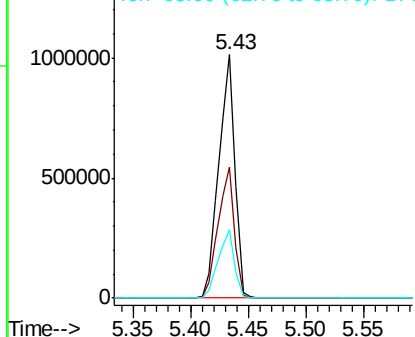
#5

2-Fluorophenol
Concen: 75.433 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF120924.D
Acq: 17 Jul 2020 15:56

Tgt Ion:112 Resp: 988872
Ion Ratio Lower Upper
112 100
64 53.6 41.3 61.9
63 27.8 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: 71.439 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120924.D

Acq: 17 Jul 2020 15:56

Instrument :

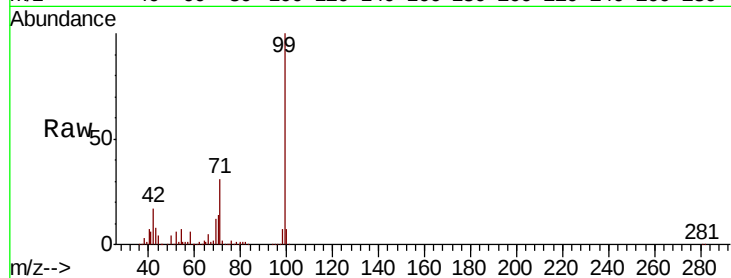
BNA_F

ClientSampleId :

TP-11-D

Tot Ion: 99 Resp: 1209750

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.1	19.7
71	31.5	24.2	36.4

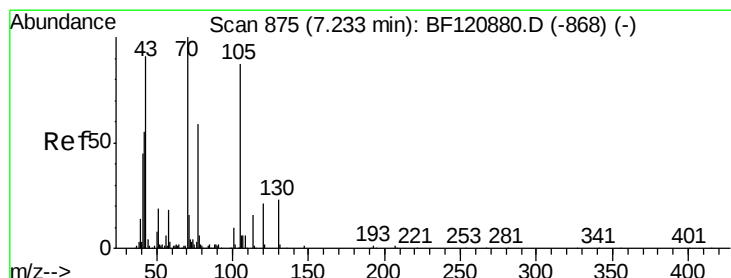
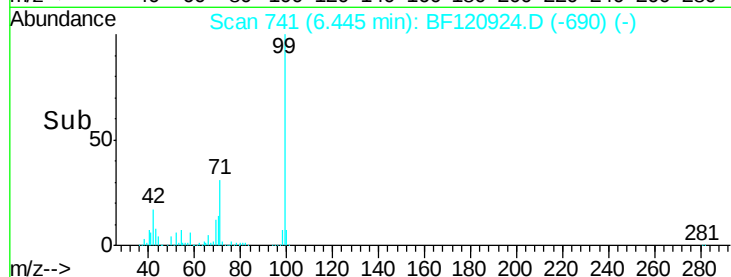
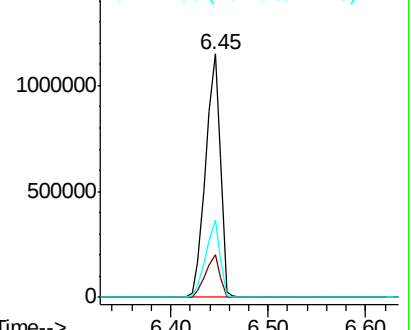


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 10.251 ng

RT: 7.37 min Scan# 899

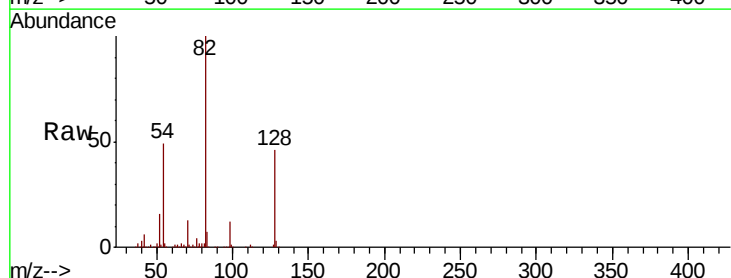
Delta R.T. 0.14 min

Lab File: BF120924.D

Acq: 17 Jul 2020 15:56

Tgt Ion: 70 Resp: 98711

Ion	Ratio	Lower	Upper
70	100		
42	45.3	44.0	66.0
101	0.0	7.8	11.6#
130	2.5	18.7	28.1#



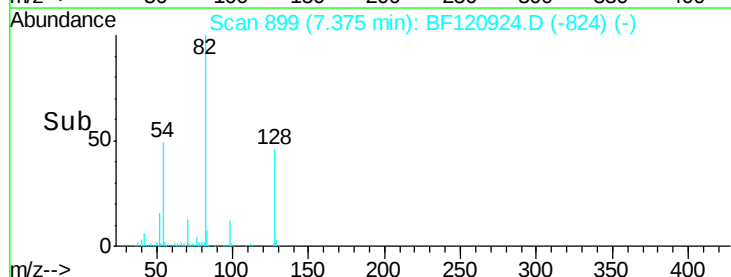
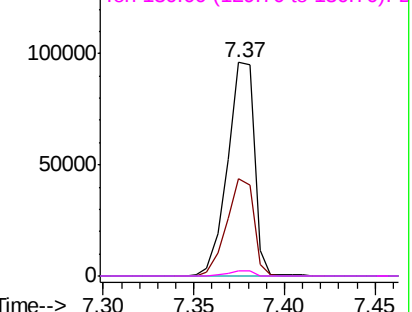
Abundance

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120924.D

Acq: 17 Jul 2020 15:56

Instrument :

BNA_F

ClientSampleId :

TP-11-D

Tot Ion:136 Resp: 817091

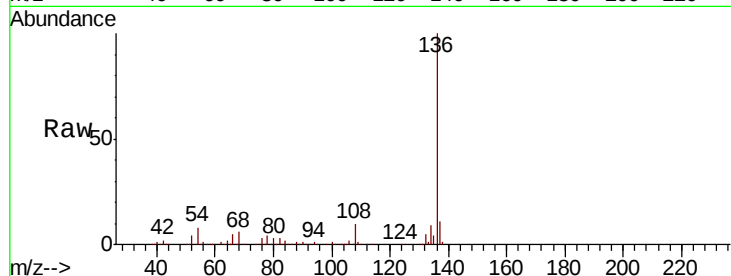
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.6 6.3 9.5

68 6.2 5.0 7.4

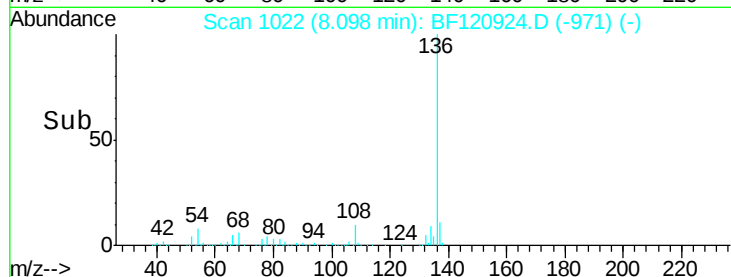


Abundance Ion 136.00 (135.70 to 136.70): E

1500000 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



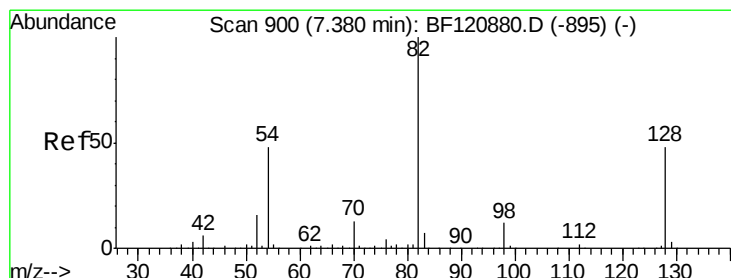
Abundance

1000000 8.10

500000

0

Time-->



#23

Nitrobenzene-d5

Concen: 53.250 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120924.D

Acq: 17 Jul 2020 15:56

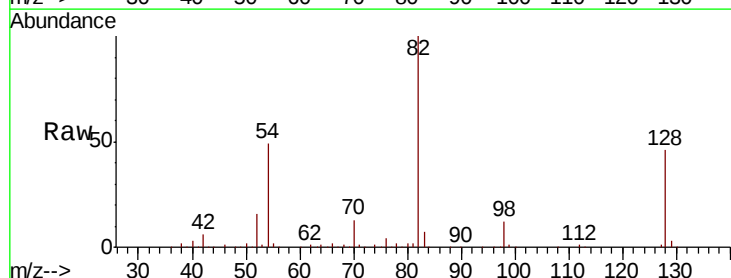
Tgt Ion: 82 Resp: 751943

Ion Ratio Lower Upper

82 100

128 45.8 38.2 57.4

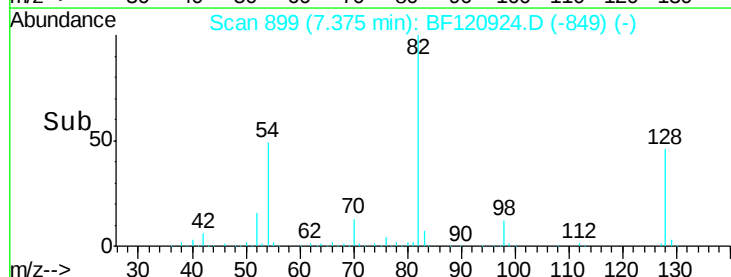
54 49.2 38.7 58.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

1000000 Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Abundance

800000 7.37

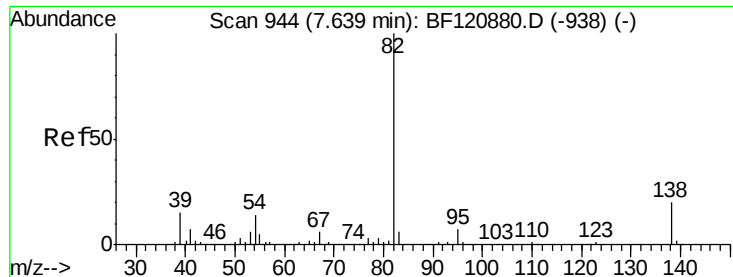
600000

400000

200000

0

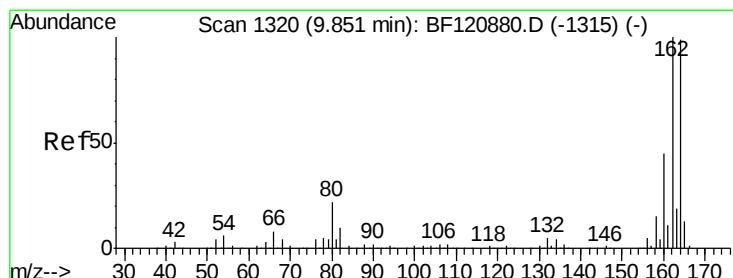
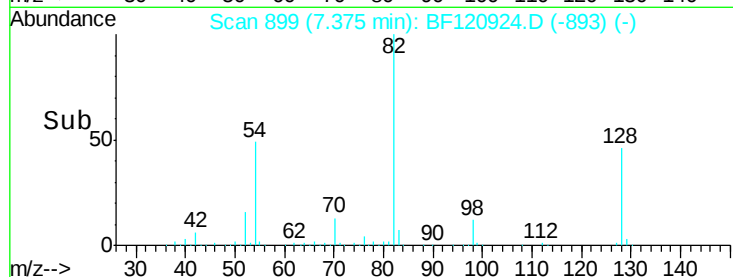
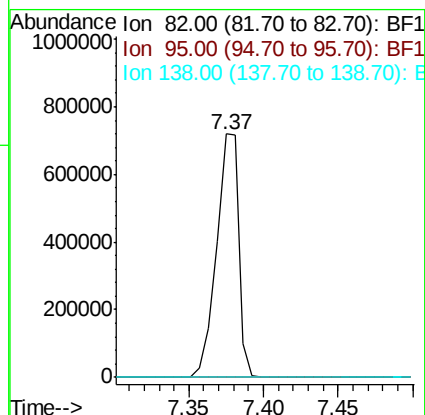
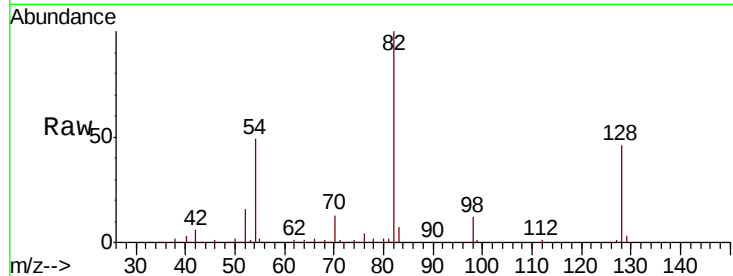
Time-->



#25
Isophorone
Concen: 26.565 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF120924.D
Acq: 17 Jul 2020 15:56

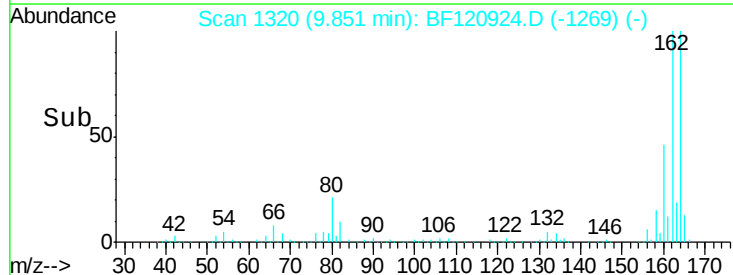
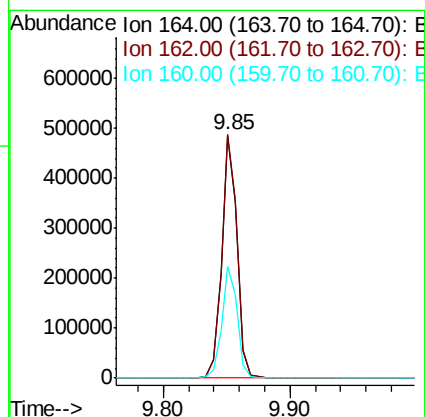
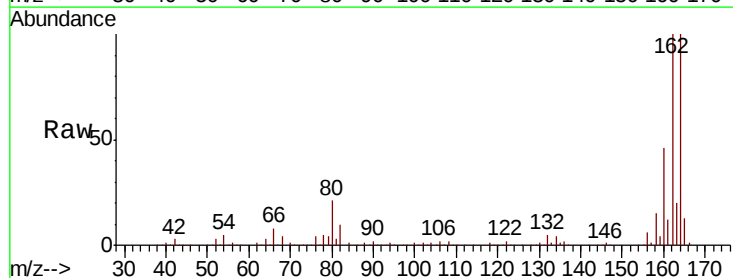
Instrument :
BNA_F
ClientSampleID :
TP-11-D

Tot Ion: 82 Resp: 748684
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: BF120924.D
Acq: 17 Jul 2020 15:56

Tgt Ion: 164 Resp: 408556
Ion Ratio Lower Upper
164 100
162 100.3 81.2 121.8
160 46.2 36.9 55.3





#42

2,4,6-Tribromophenol

Concen: 73.297 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120924.D

Acq: 17 Jul 2020 15:56

Instrument :

BNA_F

ClientSampleId :

TP-11-D

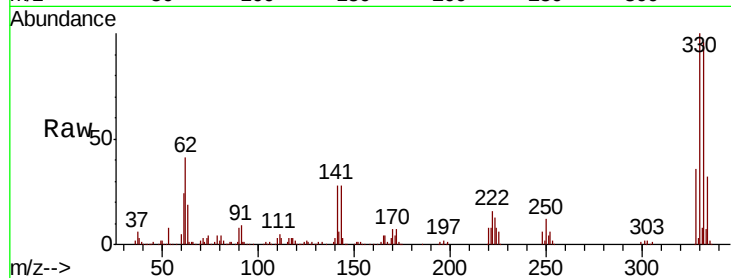
Tot Ion:330 Resp: 327790

Ion Ratio Lower Upper

330 100

332 97.2 75.5 113.3

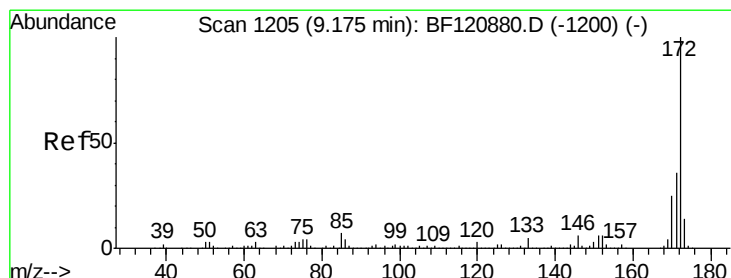
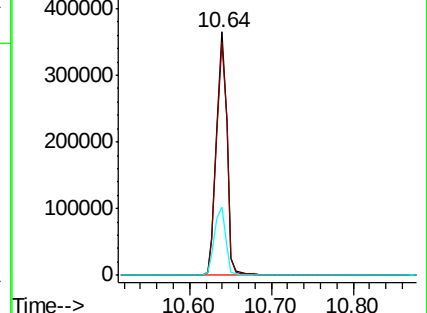
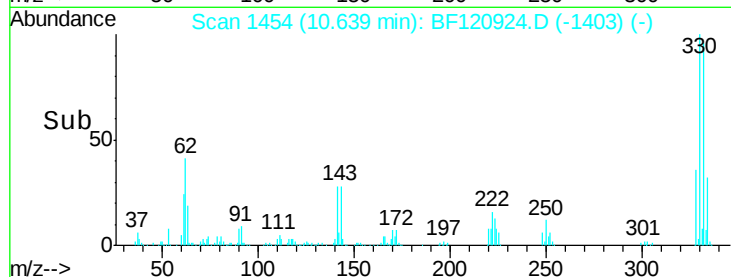
141 30.1 25.7 38.5



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: 49.961 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF120924.D

Acq: 17 Jul 2020 15:56

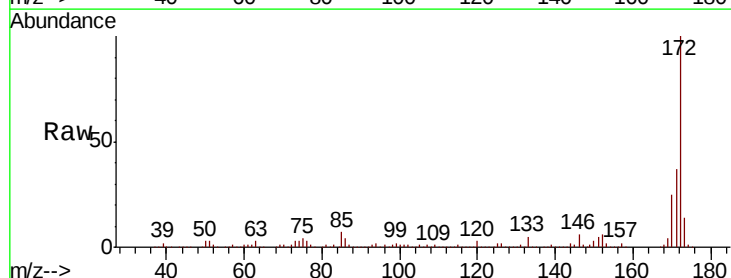
Tgt Ion:172 Resp: 1367119

Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.4

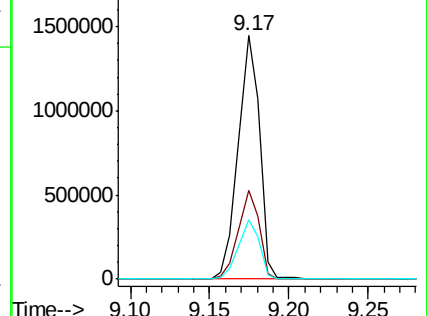
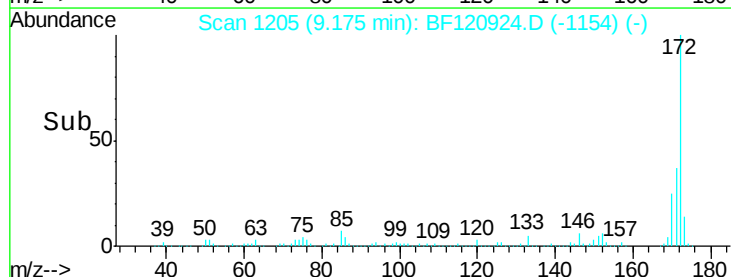
170 24.6 19.6 29.4

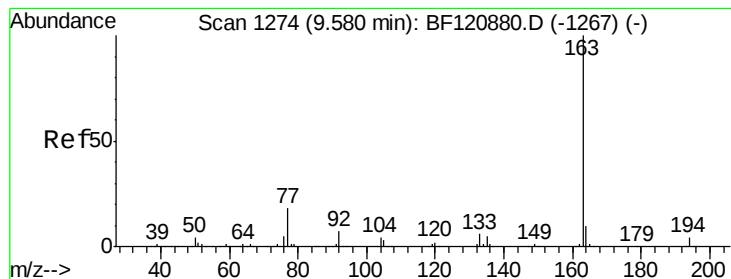


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.401 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF120924.D

Acq: 17 Jul 2020 15:56

Instrument :

BNA_F

ClientSampleId :

TP-11-D

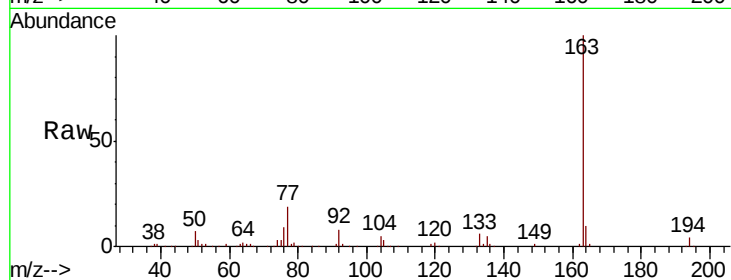
Tot Ion:163 Resp: 188656

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

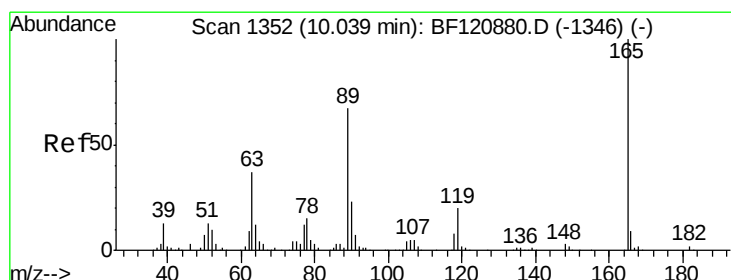
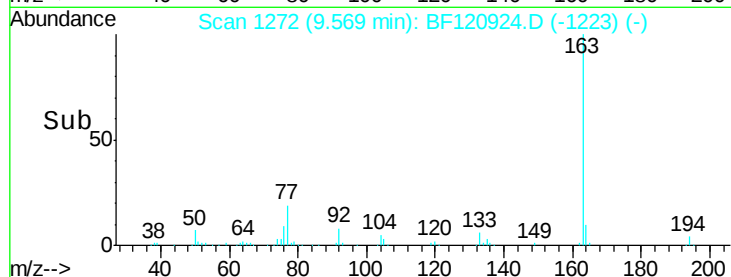
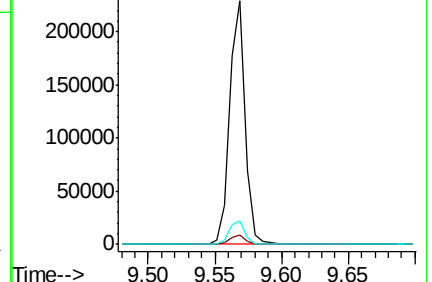
164 9.9 7.9 11.9



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



#57

2,4-Dinitrotoluene

Concen: 6.298 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.19 min

Lab File: BF120924.D

Acq: 17 Jul 2020 15:56

Tgt Ion:165 Resp: 52375

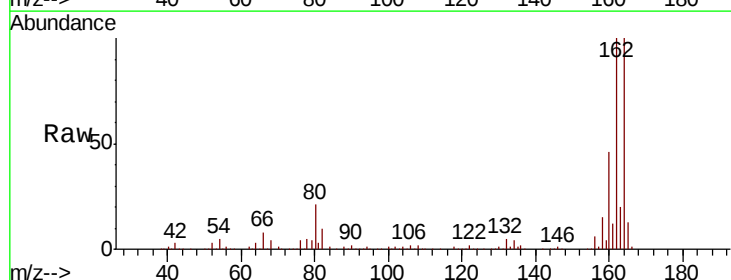
Ion Ratio Lower Upper

165 100

63 1.0 29.4 44.2#

89 1.2 53.4 80.0#

182 0.0 1.8 2.6#

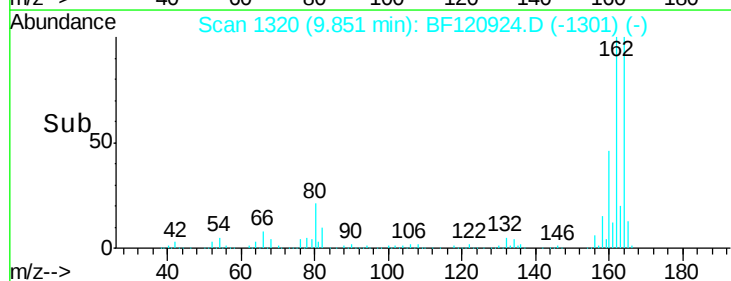
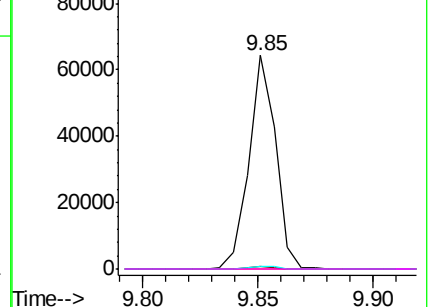


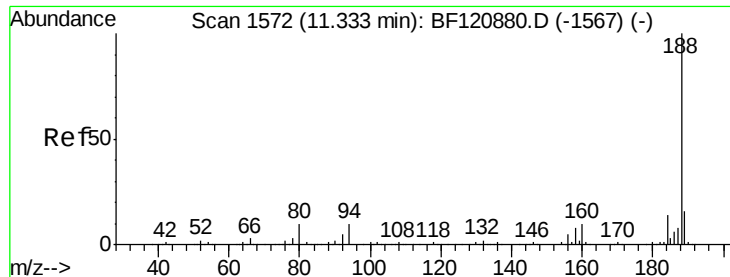
Abundance Ion 165.00 (164.70 to 165.70): E

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

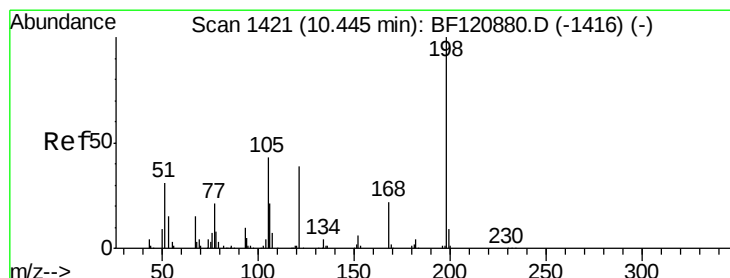
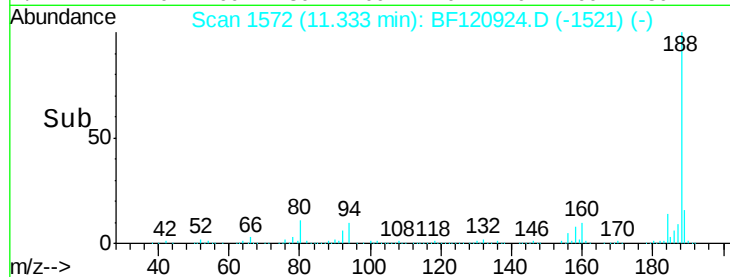
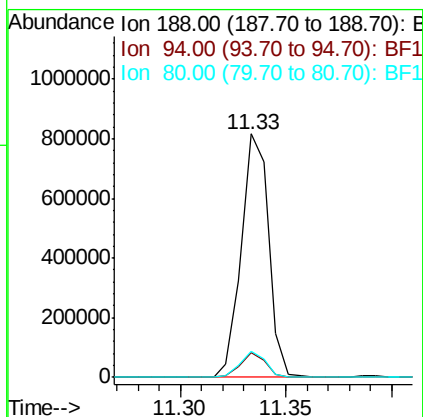
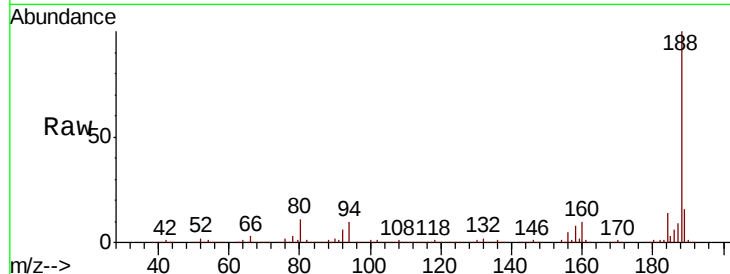




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF120924.D
 Acq: 17 Jul 2020 15:56

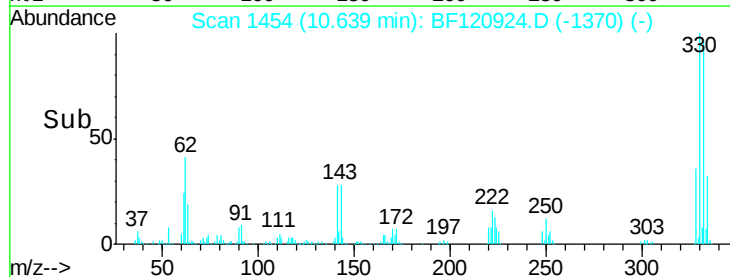
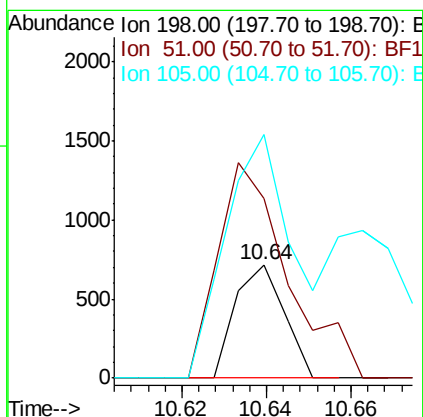
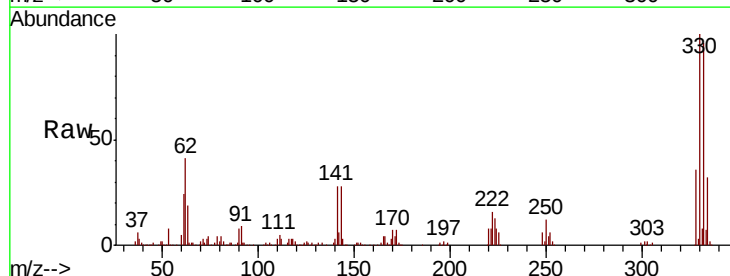
Instrument :
 BNA_F
 ClientSampleId :
 TP-11-D

Tot Ion:188 Resp: 736057
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.0 12.0
 80 10.7 8.3 12.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 3.966 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.19 min
 Lab File: BF120924.D
 Acq: 17 Jul 2020 15:56

Tgt Ion:198 Resp: 572
 Ion Ratio Lower Upper
 198 100
 51 158.9 19.5 59.5#
 105 214.6 24.4 64.4#

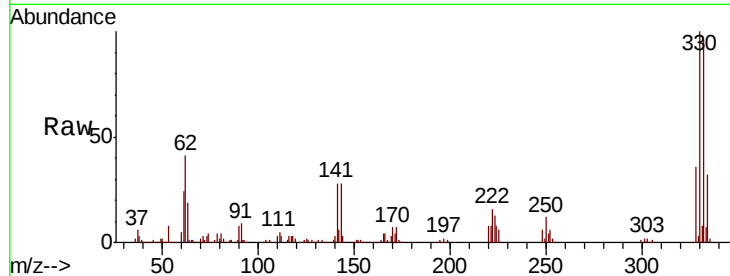




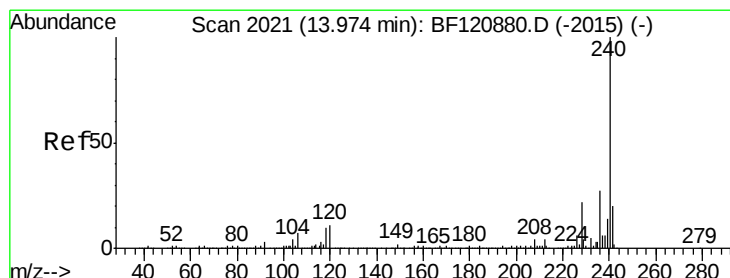
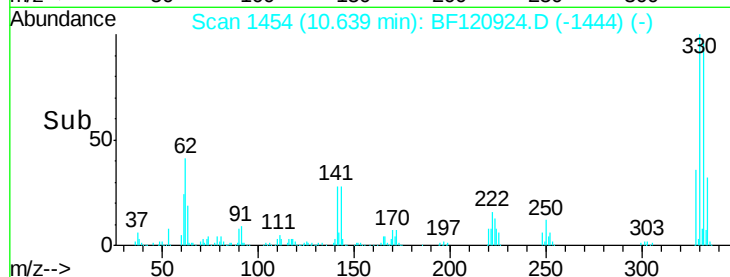
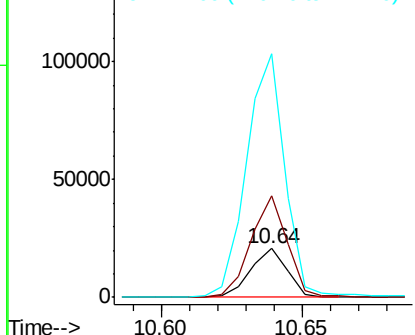
#67
4-Bromophenyl-phenylether
Concen: 2.243 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF120924.D
Acq: 17 Jul 2020 15:56

Instrument :
BNA_F
ClientSampled :
TP-11-D

Tot Ion:248 Resp: 18406
Ion Ratio Lower Upper
248 100
250 208.3 77.1 115.7#
141 500.7 61.2 91.8#

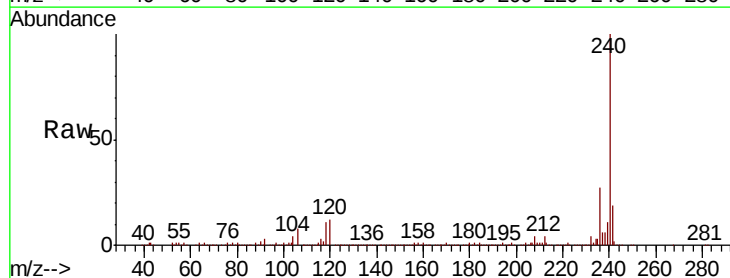


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

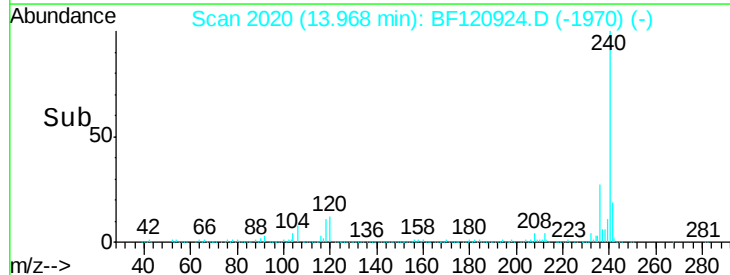
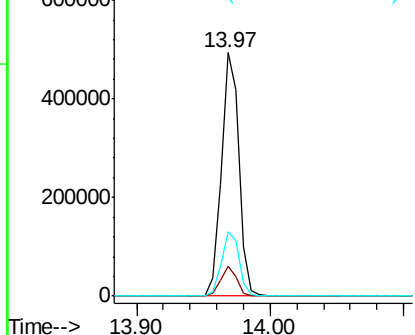


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120924.D
Acq: 17 Jul 2020 15:56

Tgt Ion:240 Resp: 458688
Ion Ratio Lower Upper
240 100
120 12.2 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: 59.313 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120924.D

Acq: 17 Jul 2020 15:56

Instrument :

BNA_F

ClientSampleId :

TP-11-D

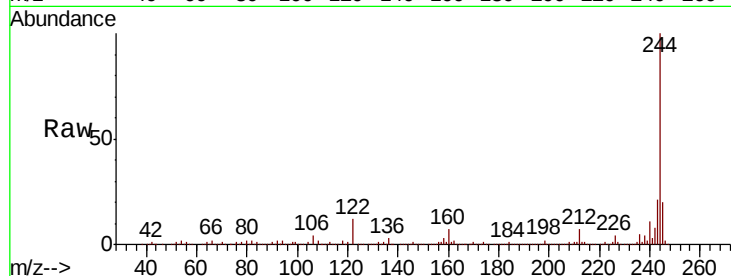
Tot Ion:244 Resp: 1251554

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

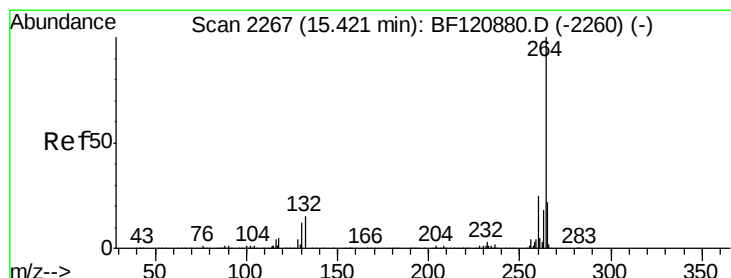
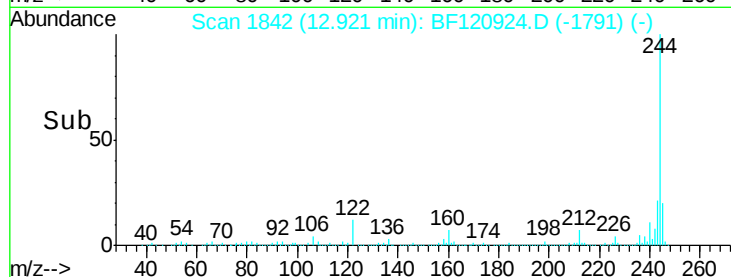
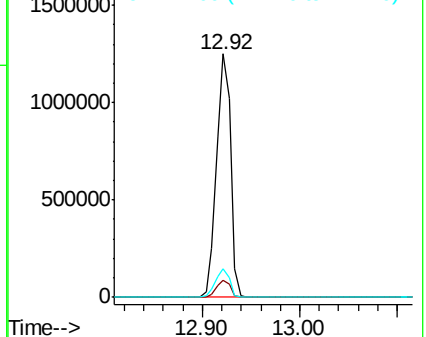
122 11.7 8.9 13.3



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: BF120924.D

Acq: 17 Jul 2020 15:56

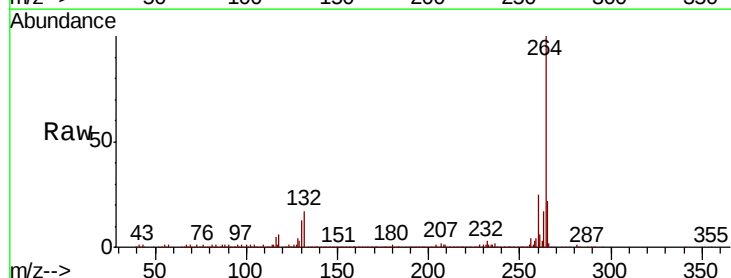
Tgt Ion:264 Resp: 466649

Ion Ratio Lower Upper

264 100

260 24.8 20.0 30.0

265 21.5 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

