

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120010.D
 Acq On : 15 Apr 2020 23:43
 Operator : MA/SJ
 Sample : L2244-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMP

Quant Time: Apr 16 04:25:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

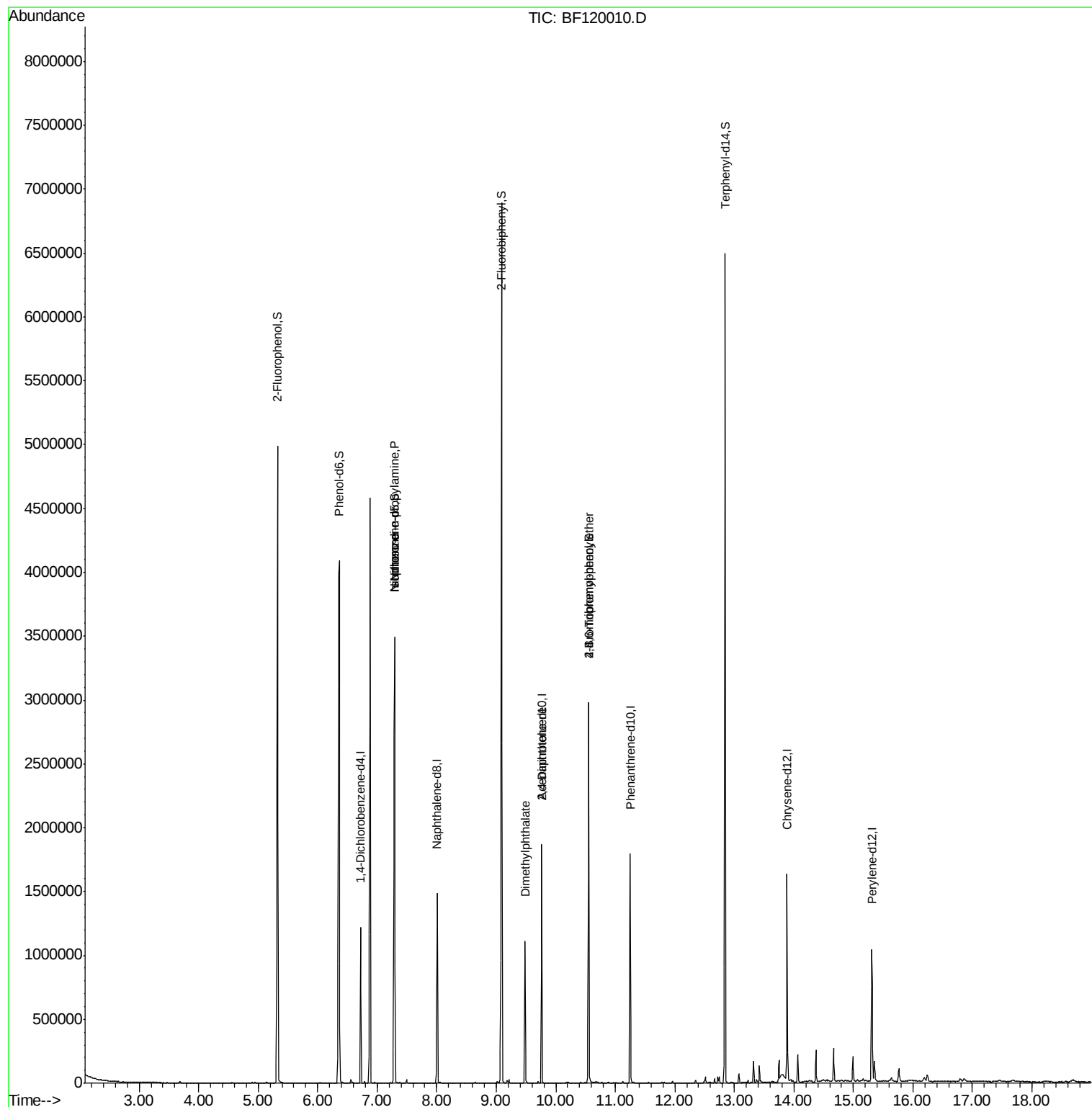
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	169438	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	655730	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	350086	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	692814	20.00	ng	0.00
76) Chrysene-d12	13.89	240	547250	20.00	ng	-0.01
87) Perylene-d12	15.31	264	449660	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1421458	144.98	ng	0.00
7) Phenol-d6	6.36	99	1841541	145.77	ng	0.00
23) Nitrobenzene-d5	7.29	82	1154074	91.05	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	348631	81.34	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2248932	91.21	ng	0.00
79) Terphenyl-d14	12.84	244	2620086	80.56	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	2577	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	152282	18.745	ng	# 1
25) Isophorone	7.29	82	1148242	46.994	ng	# 72
50) Dimethylphthalate	9.49	163	435465	16.081	ng	# 65
57) 2,4-Dinitrotoluene	9.76	165	44595	5.708	ng	# 99
67) 4-Bromophenyl-phenylether	10.55	248	22248	2.582	ng	# 22
						# 1

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

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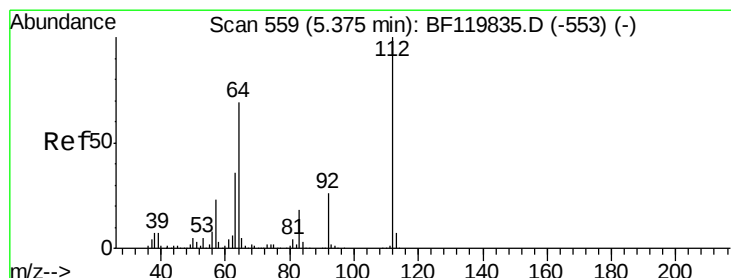
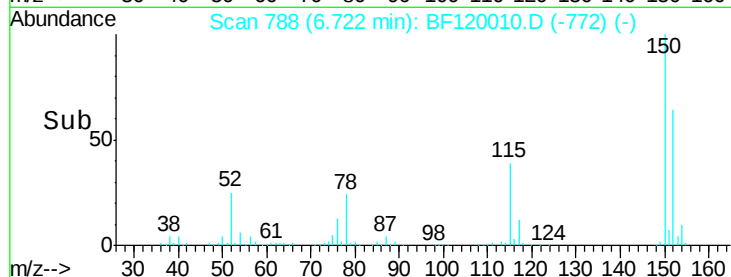
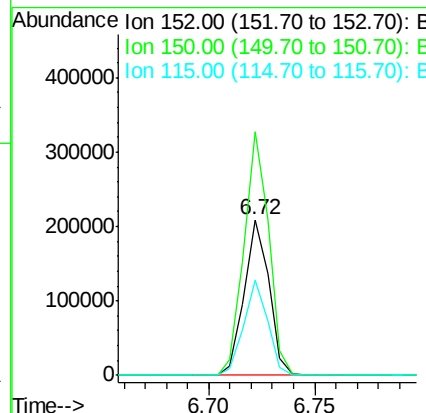
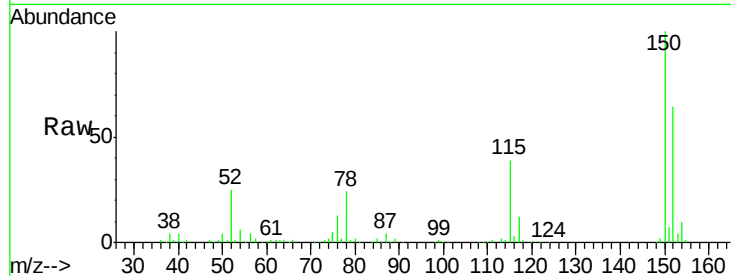


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF120010.D
Acq: 15 Apr 2020 23:43

Instrument :
BNA_F
ClientSampleId :
TP-23-22-COMP

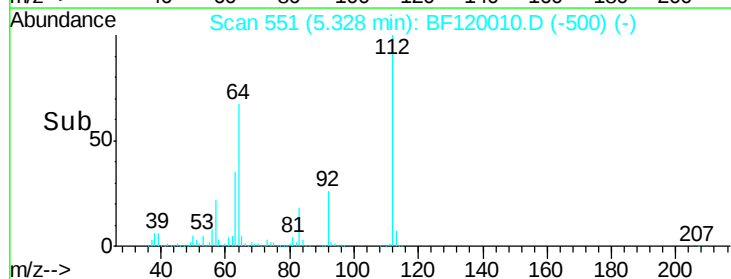
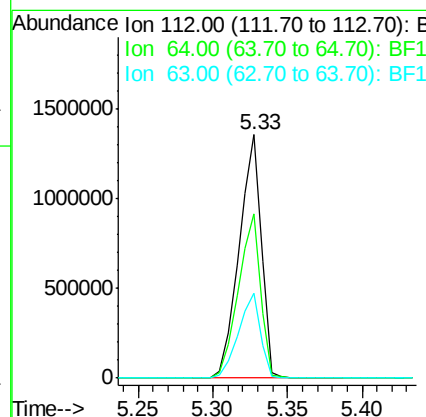
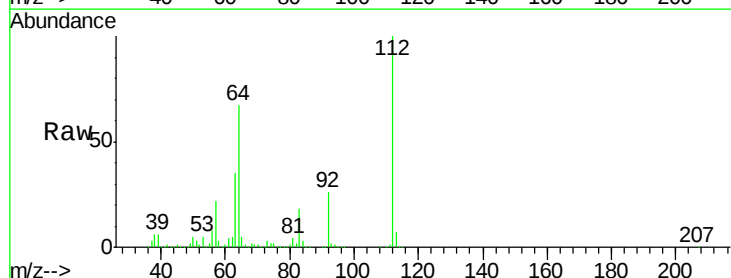
Tot Ion:152 Resp: 169438
Ion Ratio Lower Upper
152 100
150 156.3 124.8 187.2
115 60.8 46.5 69.7

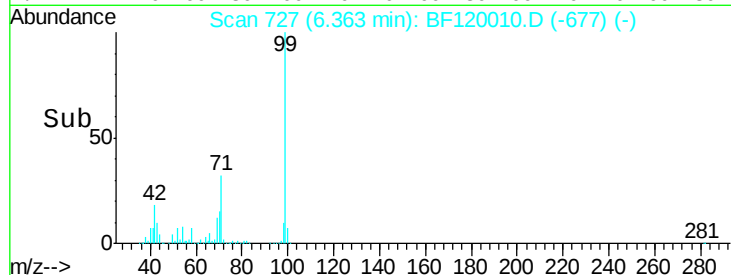
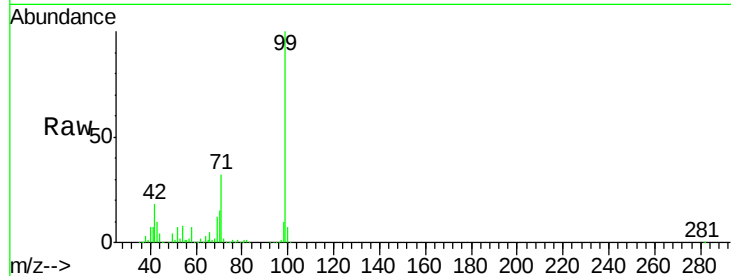


#5

2-Fluorophenol
Concen: 144.982 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF120010.D
Acq: 15 Apr 2020 23:43

Tgt Ion:112 Resp: 1421458
Ion Ratio Lower Upper
112 100
64 67.4 55.5 83.3
63 34.9 29.1 43.7





#7

Phenol-d6

Concen: 145.767 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF120010.D

Acq: 15 Apr 2020 23:43

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMP

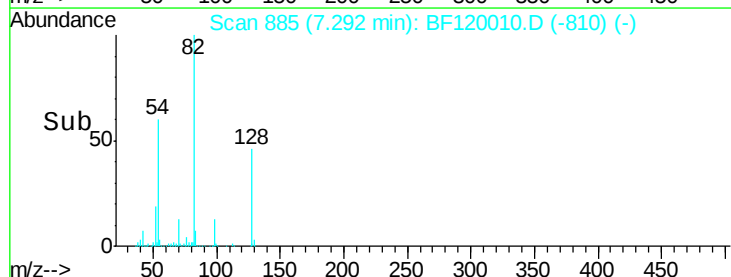
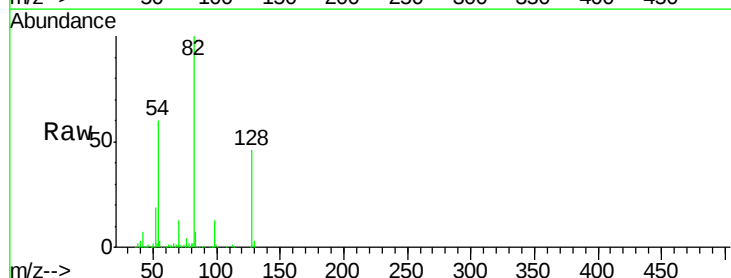
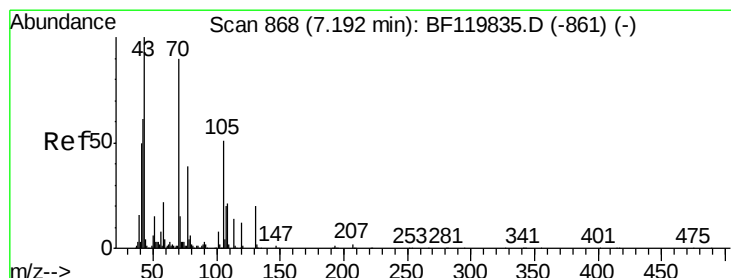
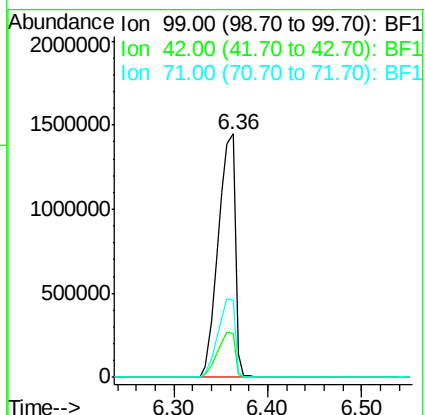
Tot Ion: 99 Resp: 1841541

Ion Ratio Lower Upper

99 100

42 18.1 16.9 25.3

71 31.7 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 18.745 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF120010.D

Acq: 15 Apr 2020 23:43

Tgt Ion: 70 Resp: 152282

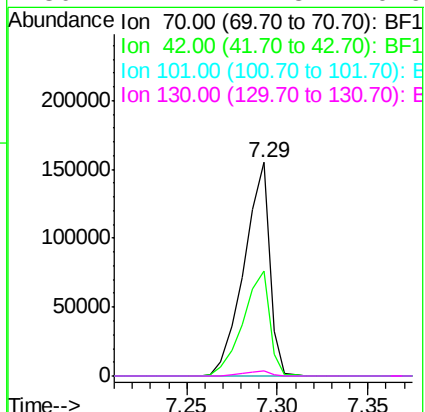
Ion Ratio Lower Upper

70 100

42 49.1 54.2 81.4#

101 0.0 7.4 11.2#

130 2.2 17.8 26.6#

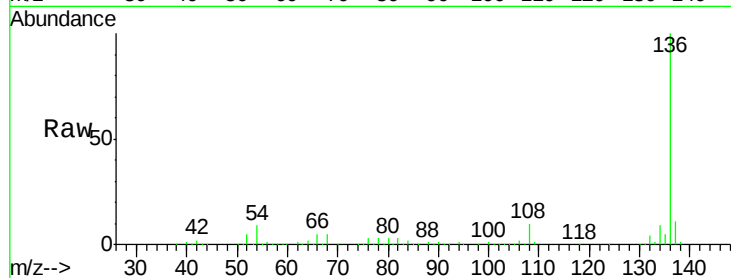




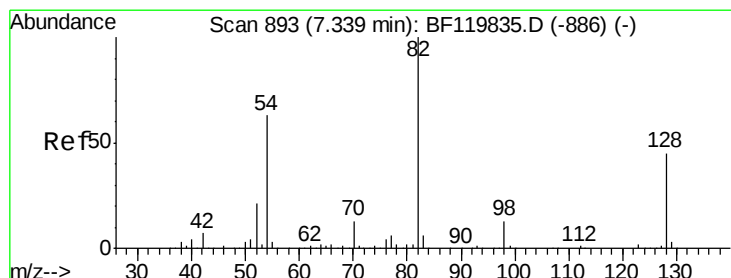
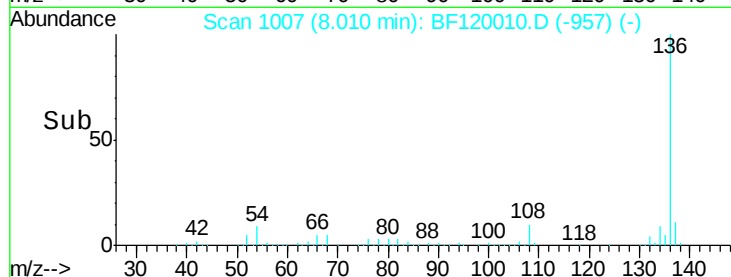
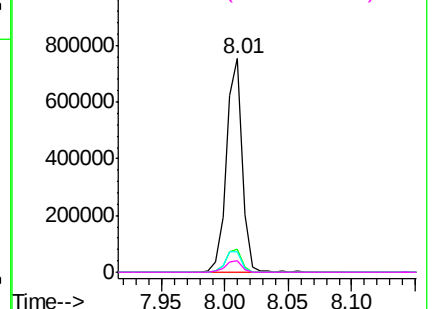
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120010.D
Acq: 15 Apr 2020 23:43

Instrument :
BNA_F
ClientSampleId :
TP-23-22-COMP

Tot Ion:136 Resp: 655730
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 9.5 8.5 12.7
68 5.1 3.9 5.9

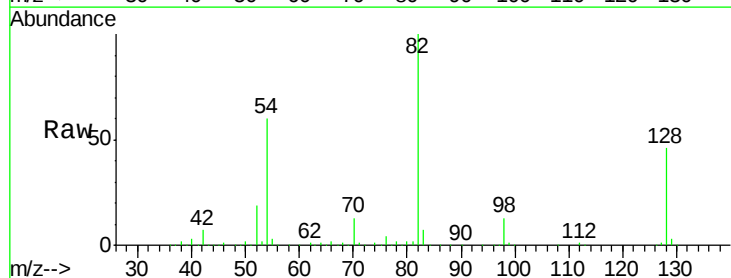


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

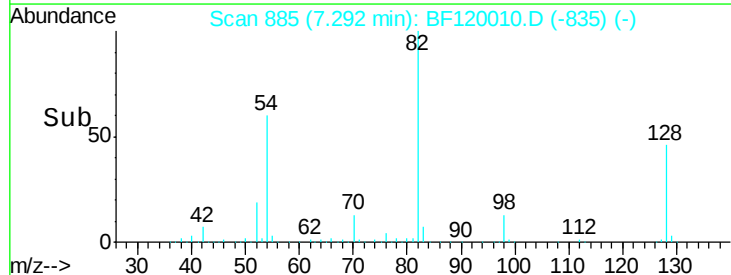
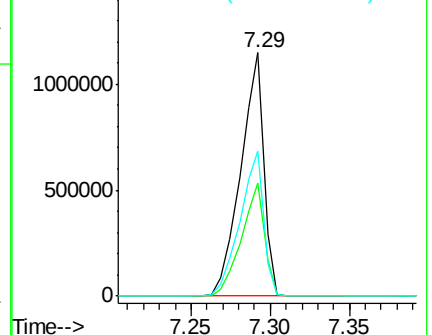


#23
Nitrobenzene-d5
Concen: 91.050 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF120010.D
Acq: 15 Apr 2020 23:43

Tgt Ion: 82 Resp: 1154074
Ion Ratio Lower Upper
82 100
128 46.3 36.2 54.4
54 59.8 50.4 75.6



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: 46.994 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF120010.D

Acq: 15 Apr 2020 23:43

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMP

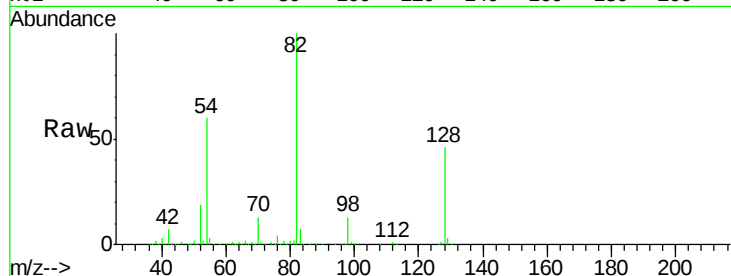
Tot Ion: 82 Resp: 1148242

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

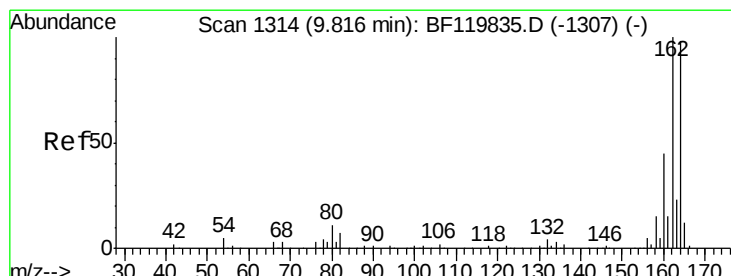
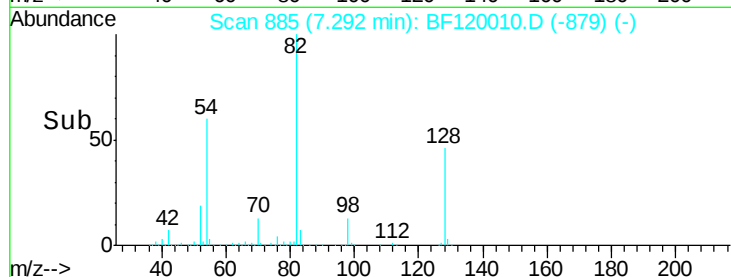
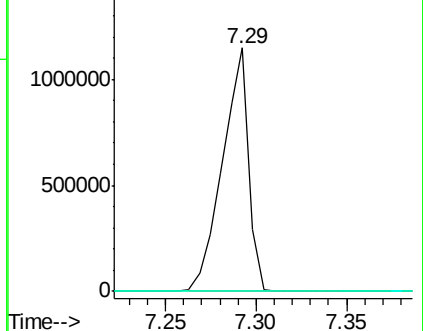
138 0.0 14.5 21.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF120010.D

Acq: 15 Apr 2020 23:43

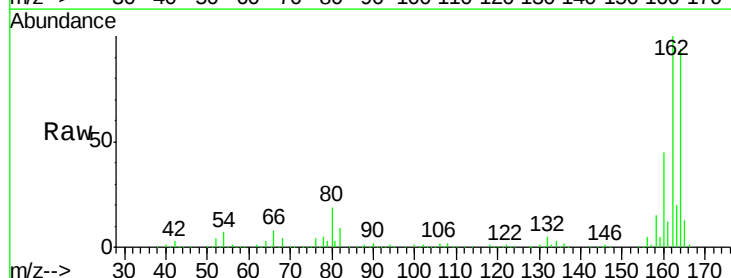
Tgt Ion:164 Resp: 350086

Ion Ratio Lower Upper

164 100

162 106.5 81.9 122.9

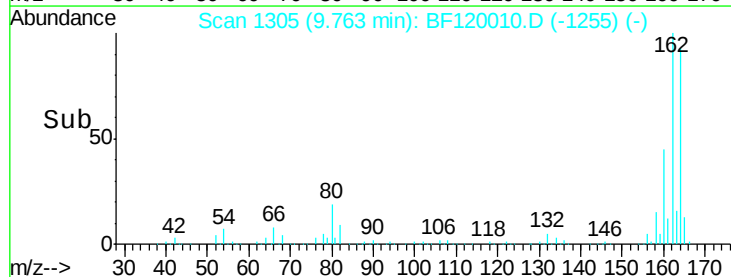
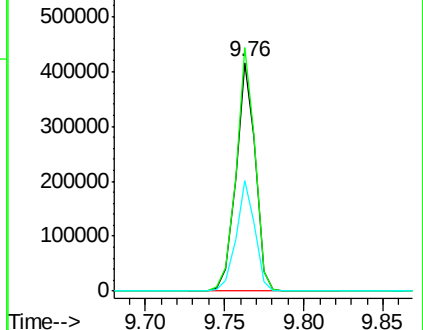
160 48.1 36.6 54.8

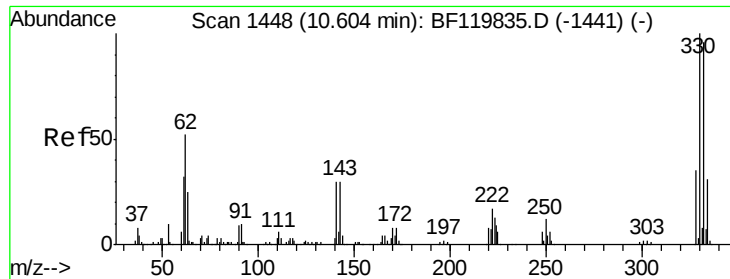


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 81.337 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF120010.D

Acq: 15 Apr 2020 23:43

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMP

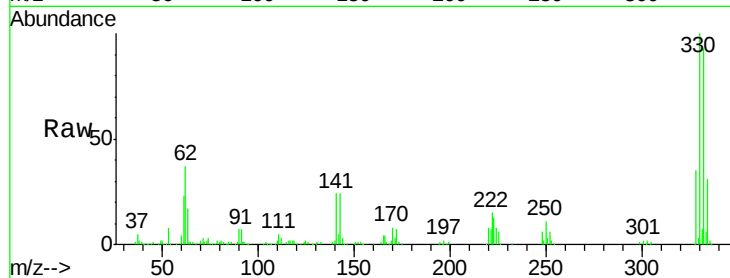
Tot Ion:330 Resp: 348631

Ion Ratio Lower Upper

330 100

332 94.5 76.8 115.2

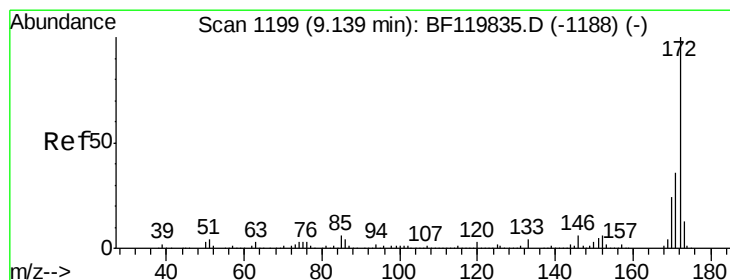
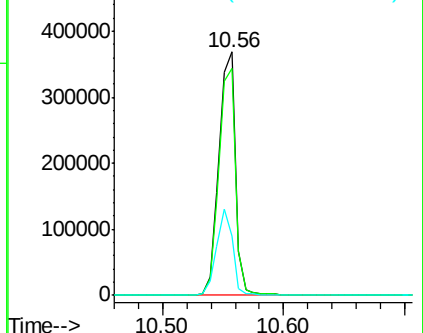
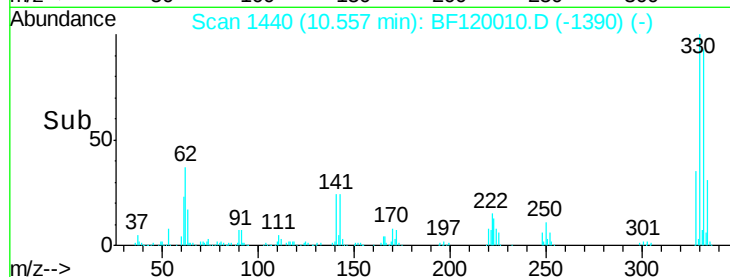
141 33.9 25.1 37.7



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: 91.206 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BF120010.D

Acq: 15 Apr 2020 23:43

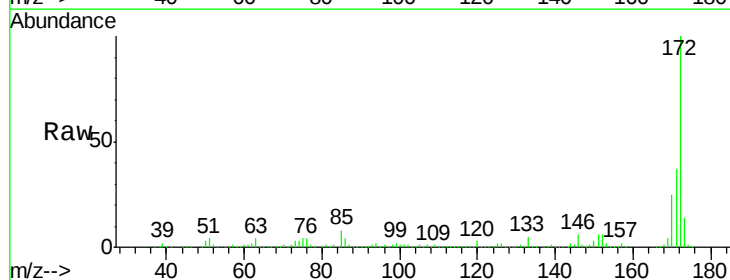
Tgt Ion:172 Resp: 2248932

Ion Ratio Lower Upper

172 100

171 36.7 28.9 43.3

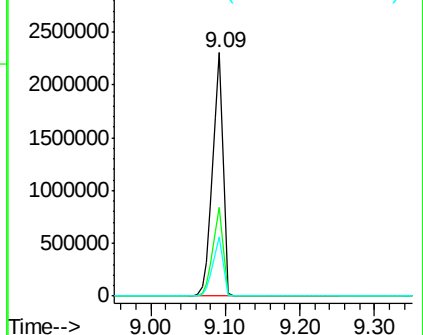
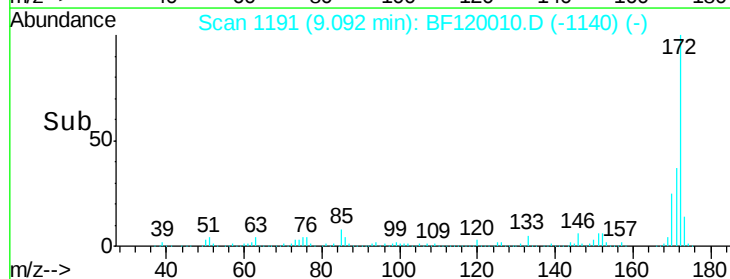
170 24.5 19.4 29.2

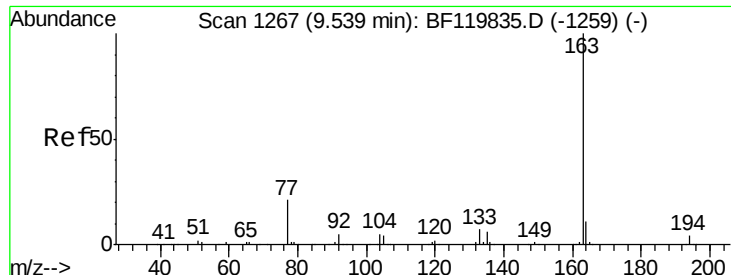


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 16.081 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BF120010.D

Acq: 15 Apr 2020 23:43

Instrument :

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TP-23-22-COMP

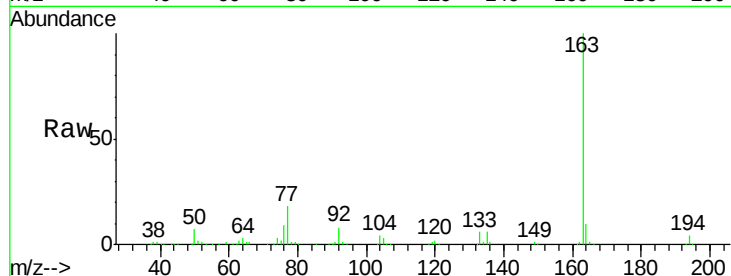
Tot Ion:163 Resp: 435465

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

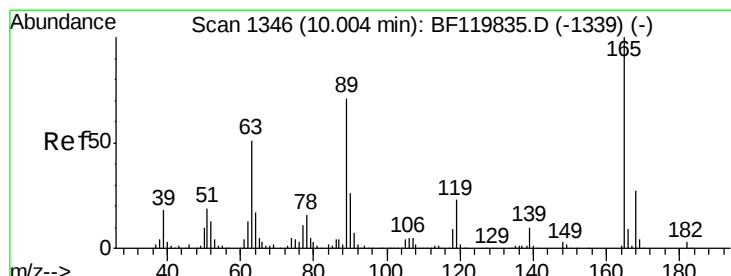
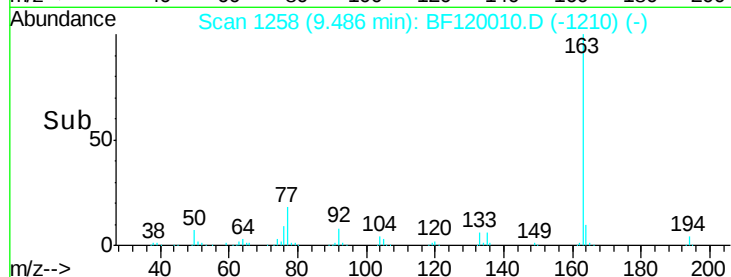
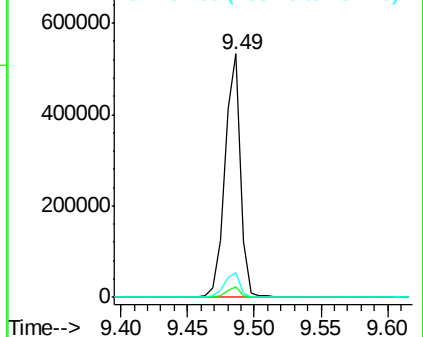
164 9.9 8.4 12.6



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: 5.708 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.20 min

Lab File: BF120010.D

Acq: 15 Apr 2020 23:43

Tgt Ion:165 Resp: 44595

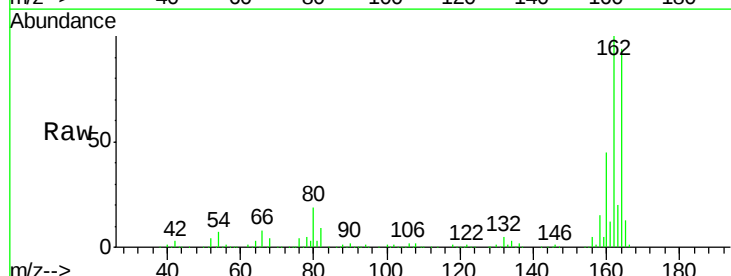
Ion Ratio Lower Upper

165 100

63 1.3 40.8 61.2#

89 1.3 56.9 85.3#

182 0.0 2.0 3.0#

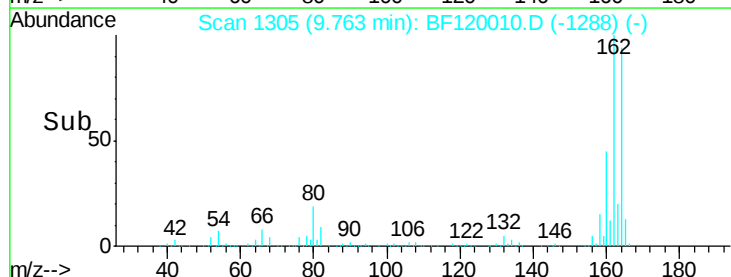
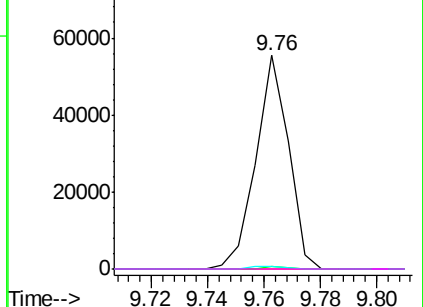


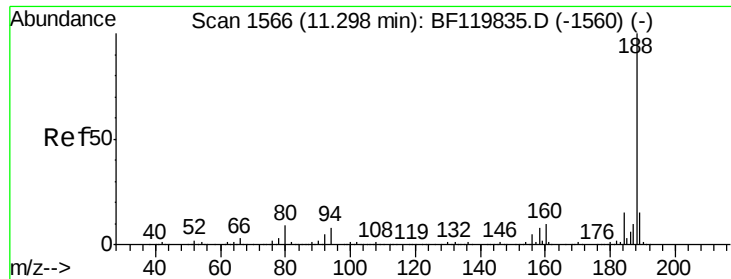
Abundance Ion 165.00 (164.70 to 165.70): E

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

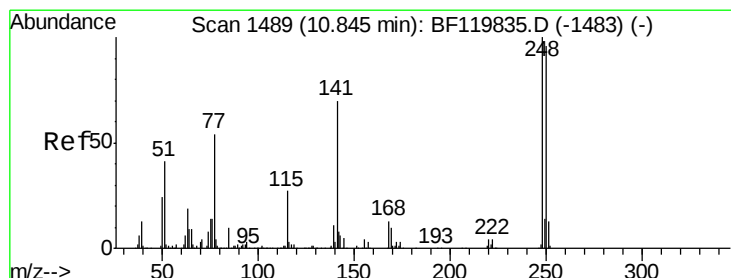
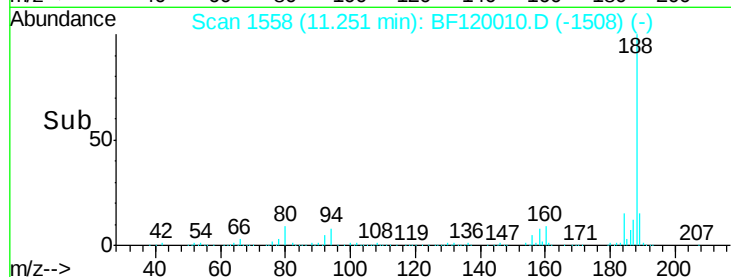
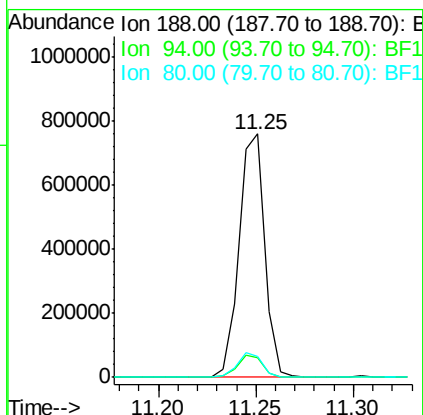
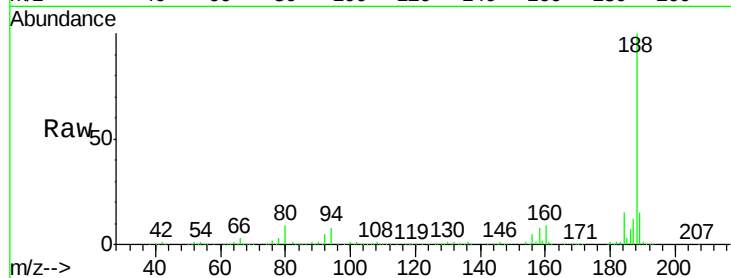




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF120010.D
 Acq: 15 Apr 2020 23:43

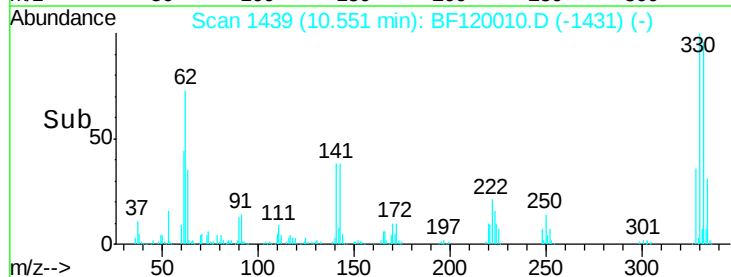
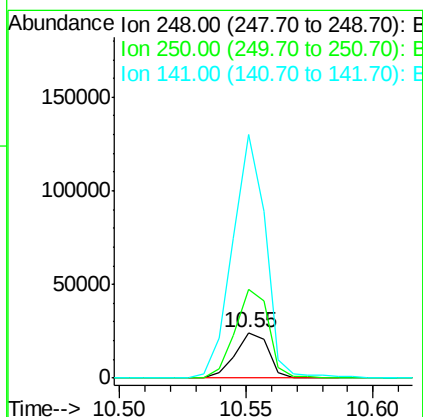
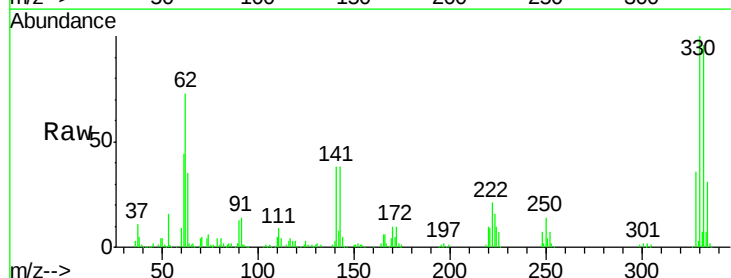
Instrument :
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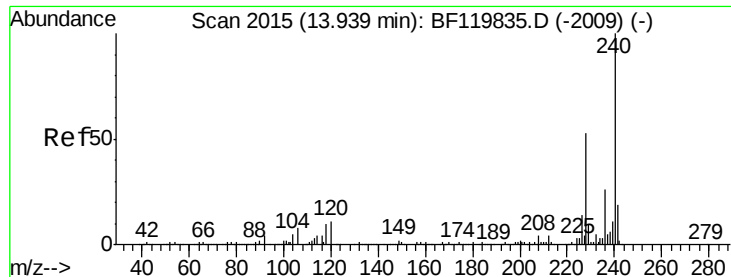
Tot Ion:188 Resp: 692814
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.7 10.1
 80 8.8 7.4 11.2



#67
 4-Bromophenyl-phenylether
 Concen: 2.582 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF120010.D
 Acq: 15 Apr 2020 23:43

Tgt Ion:248 Resp: 22248
 Ion Ratio Lower Upper
 248 100
 250 194.8 76.6 114.8#
 141 534.5 55.9 83.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF120010.D

Acq: 15 Apr 2020 23:43

Instrument :

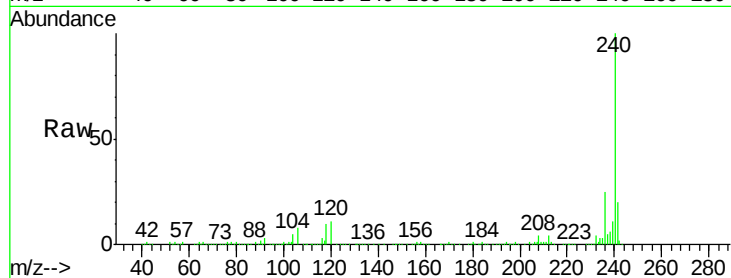
BNA_F

ClientSampleId :

TP-23-22-COMP

Tot Ion:240 Resp: 547250

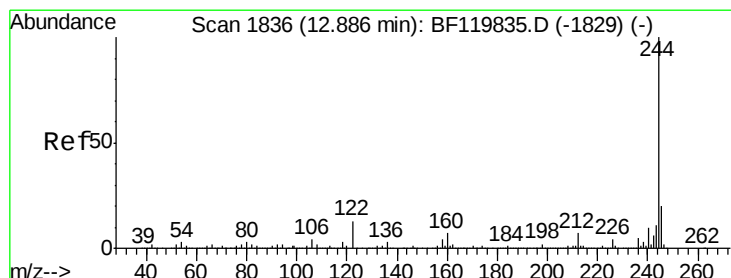
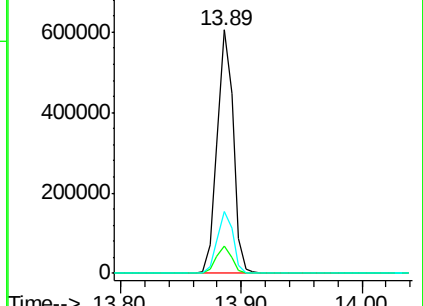
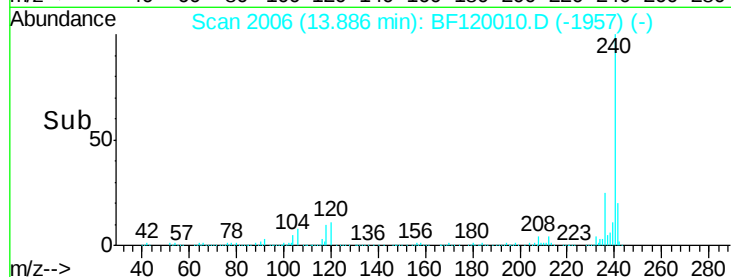
Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.0	13.6
236	25.2	20.7	31.1



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: 80.561 ng

RT: 12.84 min Scan# 1829

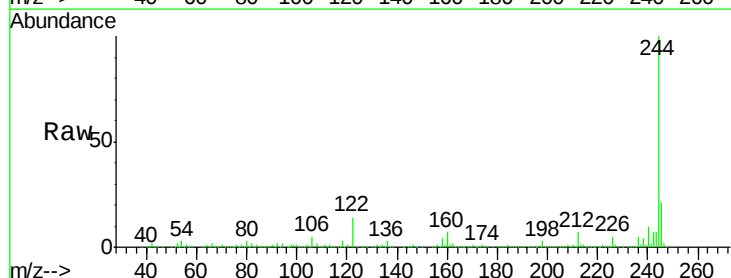
Delta R.T. -0.00 min

Lab File: BF120010.D

Acq: 15 Apr 2020 23:43

Tgt Ion:244 Resp: 2620086

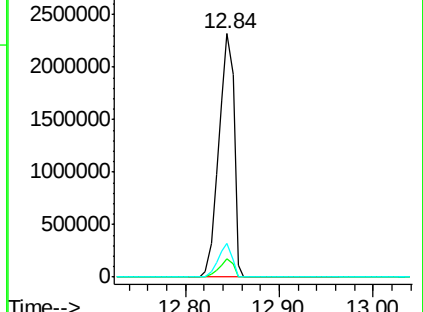
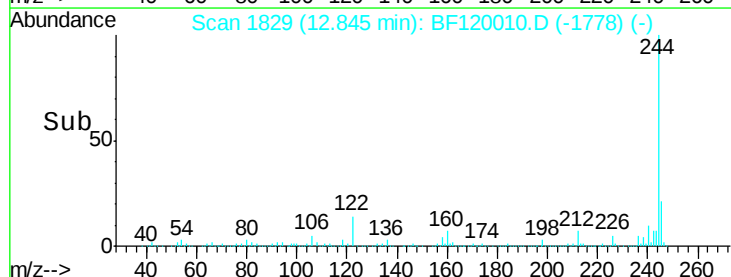
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	13.9	10.3	15.5

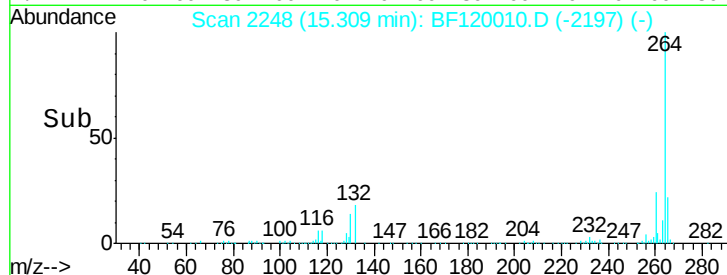
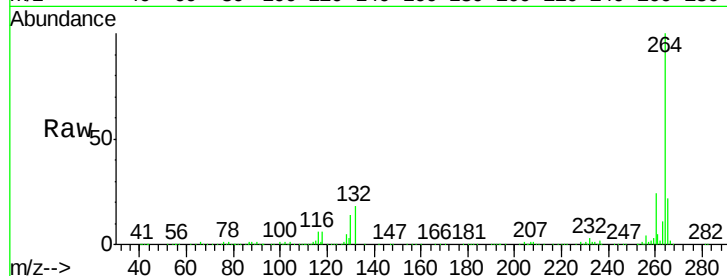
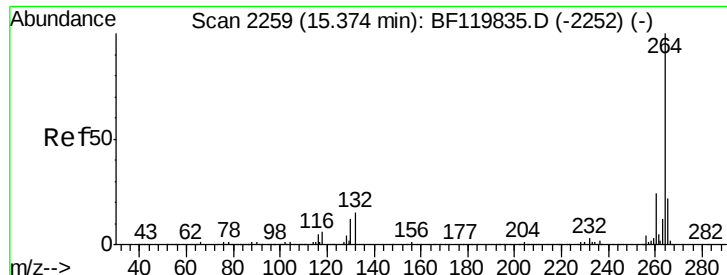


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF120010.D
Acq: 15 Apr 2020 23:43

Instrument :
BNA_F
ClientSampleId :
TP-23-22-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.7	17.6	26.4

