

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120896.D
 Acq On : 16 Jul 2020 20:26
 Operator : JU/CG
 Sample : L3315-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-D

Quant Time: Jul 17 01:53:45 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

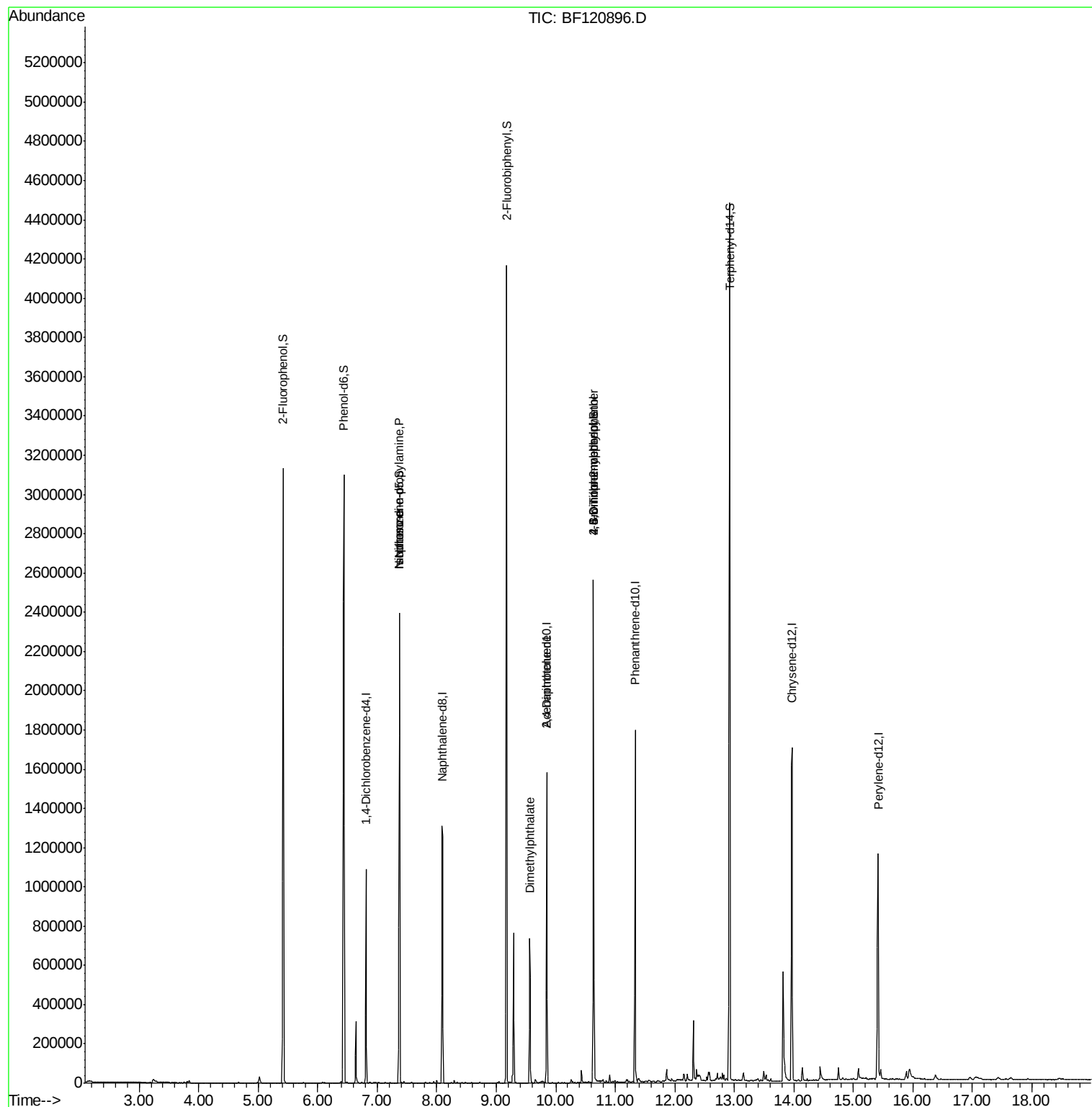
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	158662	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	605350	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	322660	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	650822	20.00	ng	0.00
76) Chrysene-d12	13.97	240	585172	20.00	ng	0.00
86) Perylene-d12	15.42	264	536652	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	975117	100.75	ng	0.00
7) Phenol-d6	6.44	99	1189206	95.12	ng	0.00
23) Nitrobenzene-d5	7.37	82	731430	69.91	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	375020	106.18	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1361248	62.99	ng	0.00
79) Terphenyl-d14	12.92	244	1574203	58.48	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	1630	Below Cal	Qvalue #	1
19) n-Nitroso-di-n-propylamine	7.37	70	96628	13.592 ng	#	78
25) Isophorone	7.37	82	729912	34.959 ng	#	63
50) Dimethylphthalate	9.56	163	271750	11.674 ng		100
57) 2,4-Dinitrotoluene	9.85	165	41595	6.334 ng	#	27
65) 4,6-Dinitro-2-methylphenol	10.63	198	822	4.043 ng	#	1
67) 4-Bromophenyl-phenylether	10.64	248	21667	2.986 ng	#	1

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

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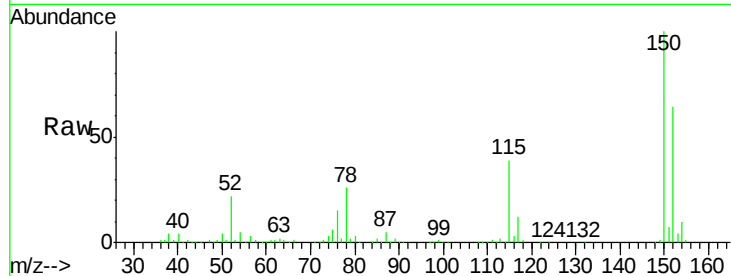


#1

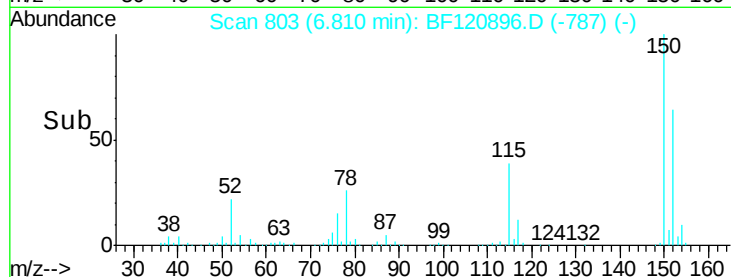
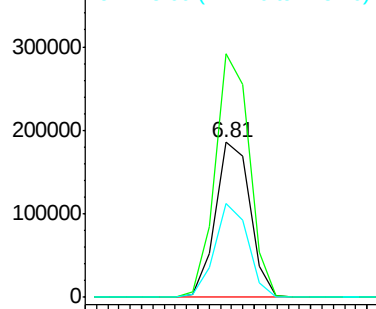
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120896.D
Acq: 16 Jul 2020 20:26

Instrument :
BNA_F
ClientSampleId :
TP-16-D

Tot Ion:152 Resp: 158662
Ion Ratio Lower Upper
152 100
150 156.8 125.0 187.6
115 60.8 47.0 70.4



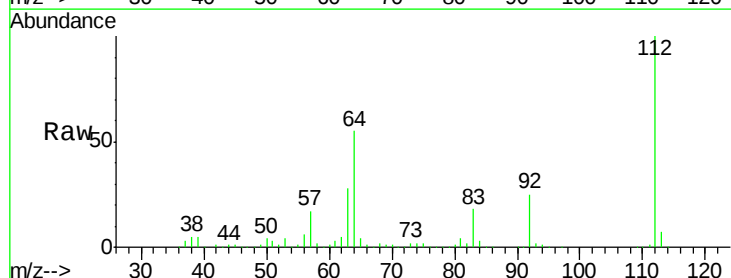
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



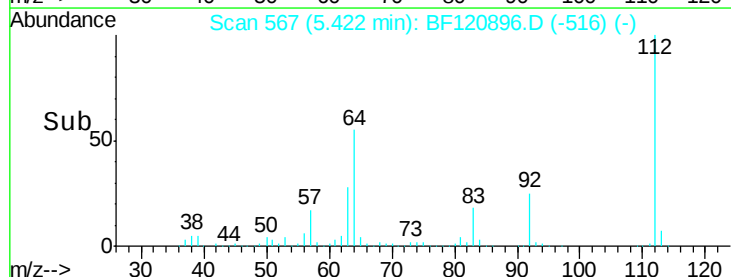
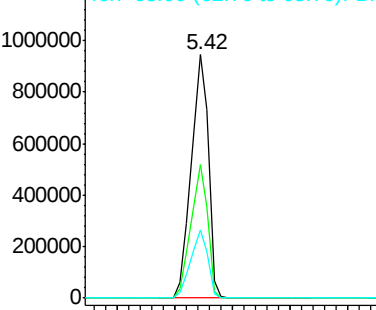
#5

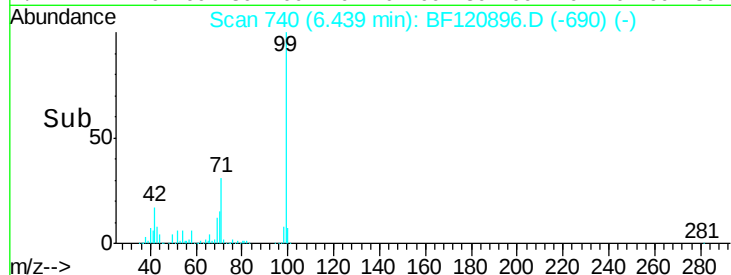
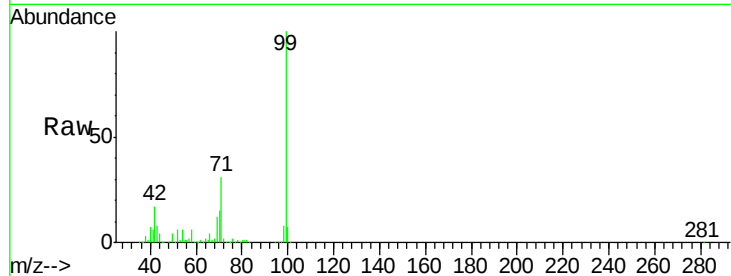
2-Fluorophenol
Concen: 100.753 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF120896.D
Acq: 16 Jul 2020 20:26

Tgt Ion:112 Resp: 975117
Ion Ratio Lower Upper
112 100
64 55.0 41.3 61.9
63 27.9 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: 95.122 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120896.D

Acq: 16 Jul 2020 20:26

Instrument :

BNA_F

ClientSampleId :

TP-16-D

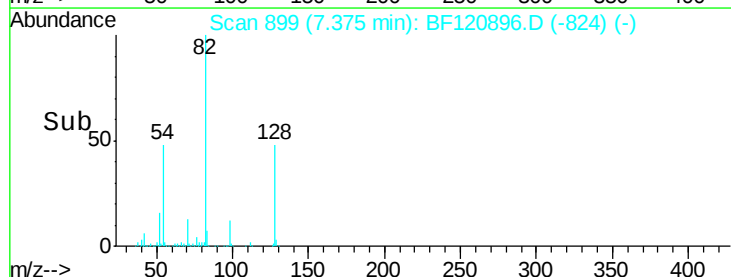
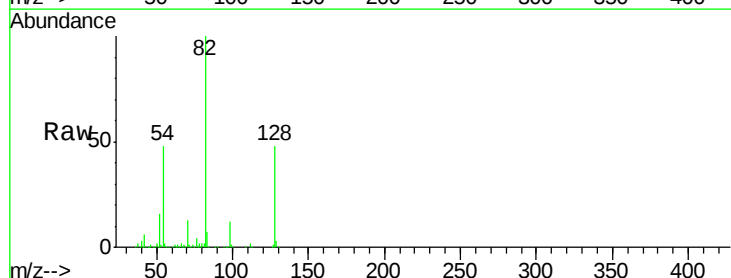
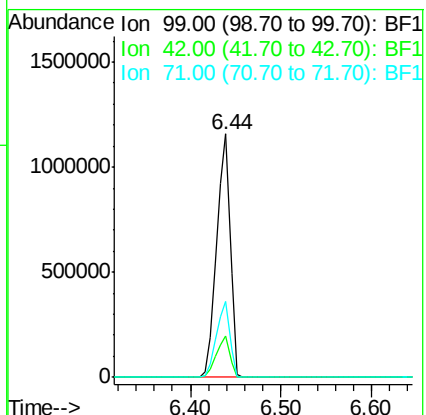
Tot Ion: 99 Resp: 1189206

Ion Ratio Lower Upper

99 100

42 16.7 13.1 19.7

71 31.4 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.592 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120896.D

Acq: 16 Jul 2020 20:26

Tgt Ion: 70 Resp: 96628

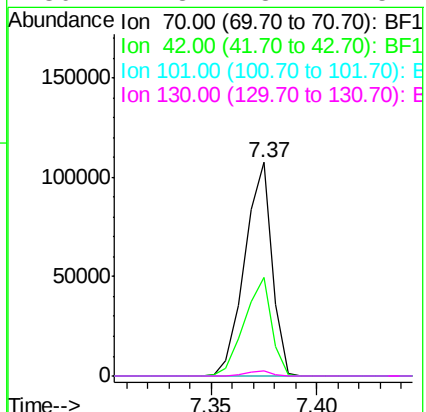
Ion Ratio Lower Upper

70 100

42 46.2 44.0 66.0

101 0.0 7.8 11.6#

130 2.3 18.7 28.1#

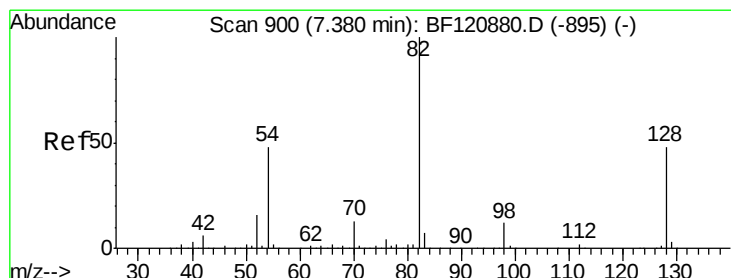
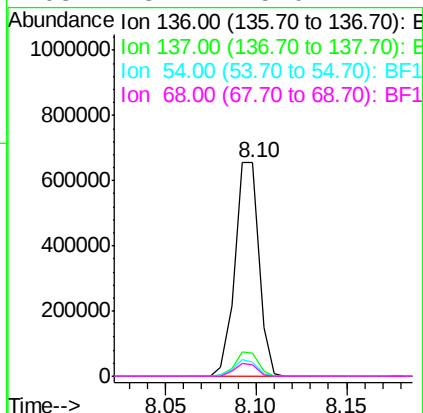
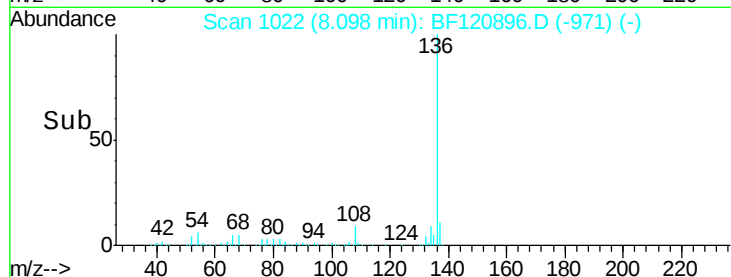
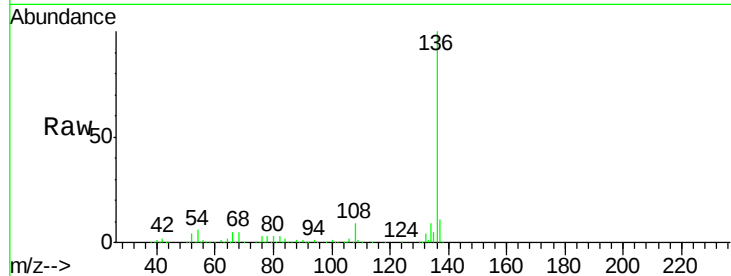




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120896.D
Acq: 16 Jul 2020 20:26

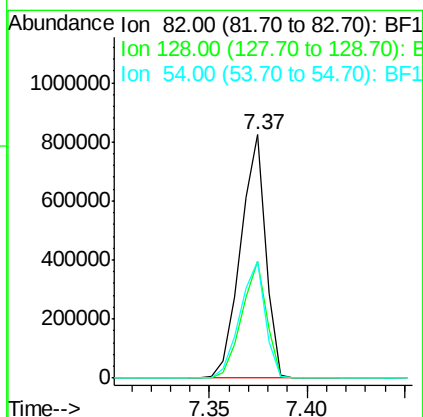
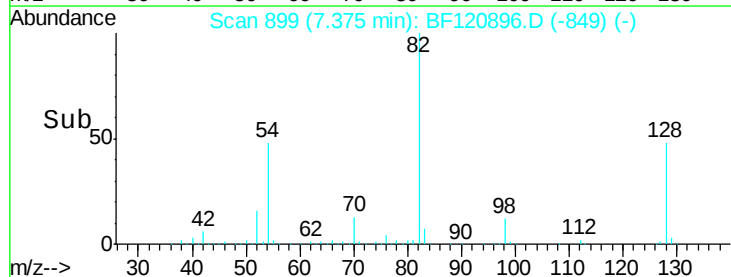
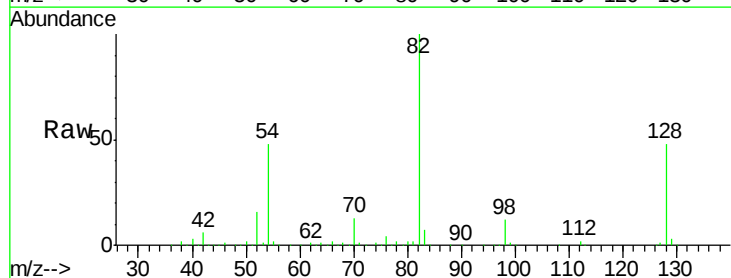
Instrument :
BNA_F
ClientSampleId :
TP-16-D

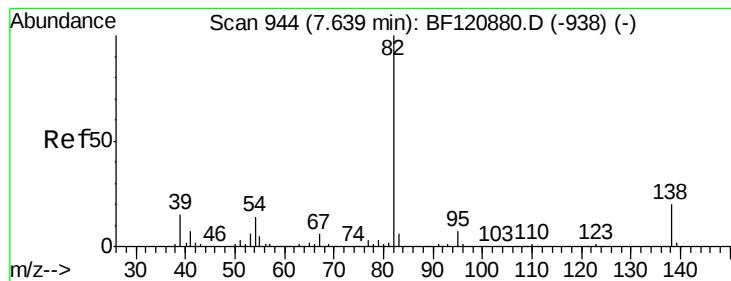
Tot Ion:136	Resp:	605350
Ion	Ratio	Lower Upper
136	100	
137	10.6	9.3 13.9
54	6.4	6.3 9.5
68	5.1	5.0 7.4



#23
Nitrobenzene-d5
Concen: 69.915 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120896.D
Acq: 16 Jul 2020 20:26

Tgt Ion: 82	Resp:	731430
Ion	Ratio	Lower Upper
82	100	
128	48.0	38.2 57.4
54	48.2	38.7 58.1





#25

Isophorone

Concen: 34.959 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF120896.D

Acq: 16 Jul 2020 20:26

Instrument :

BNA_F

ClientSampleId :

TP-16-D

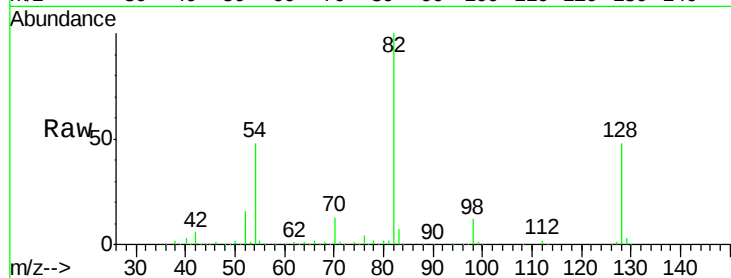
Tot Ion: 82 Resp: 729912

Ion Ratio Lower Upper

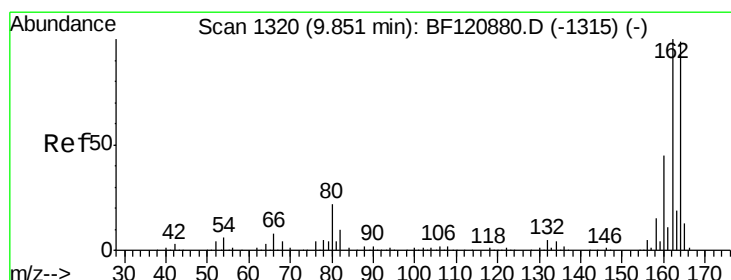
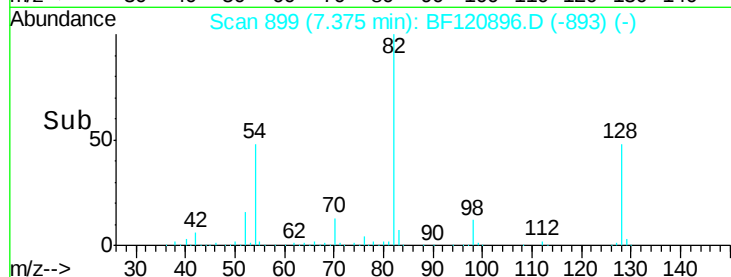
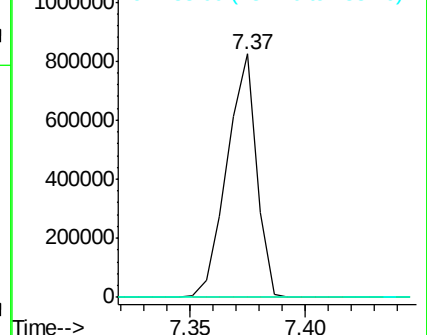
82 100

95 0.0 5.5 8.3#

138 0.0 15.6 23.4#



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: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120896.D

Acq: 16 Jul 2020 20:26

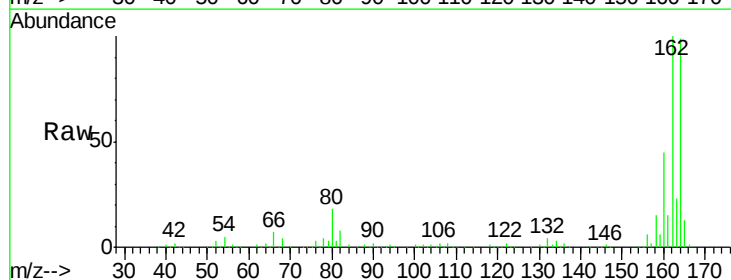
Tgt Ion: 164 Resp: 322660

Ion Ratio Lower Upper

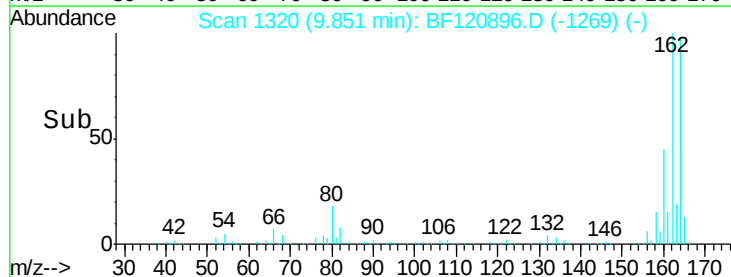
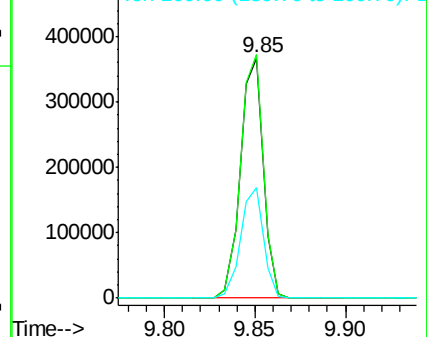
164 100

162 101.4 81.2 121.8

160 45.8 36.9 55.3



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

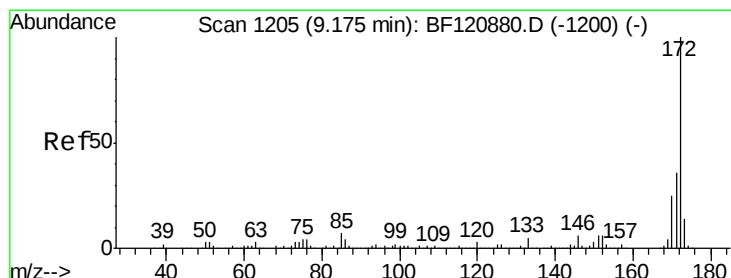
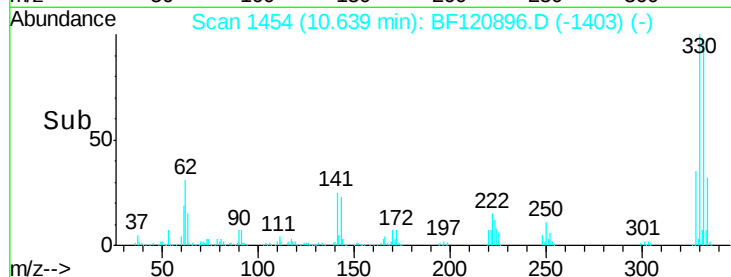
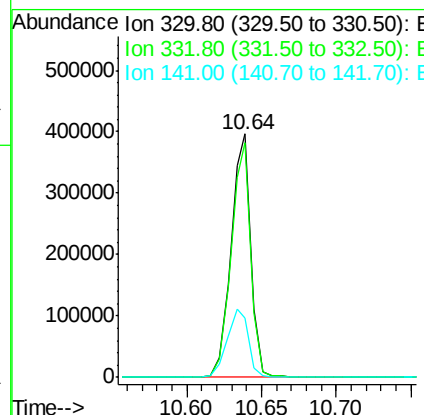
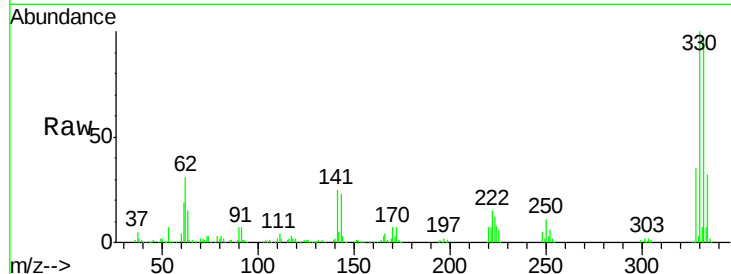




#42
 2,4,6-Tribromophenol
 Concen: 106.183 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120896.D
 Acq: 16 Jul 2020 20:26

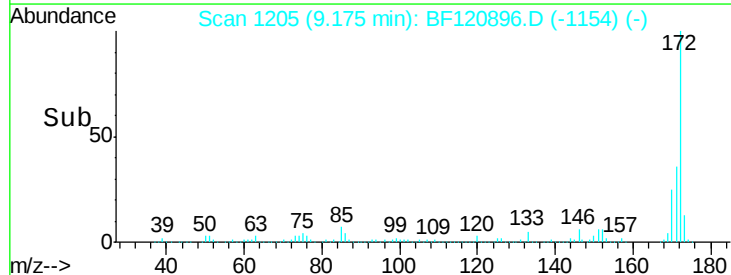
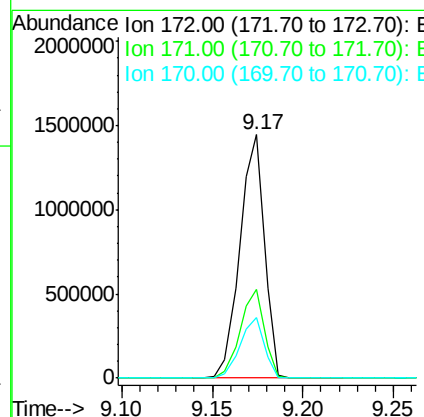
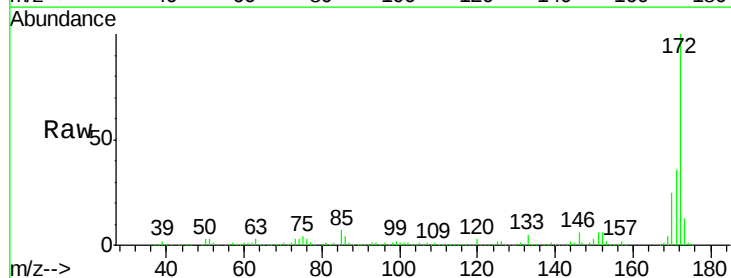
Instrument :
 BNA_F
 ClientSampleId :
 TP-16-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.5	113.3
141	30.5	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 62.989 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120896.D
 Acq: 16 Jul 2020 20:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.7	19.6	29.4

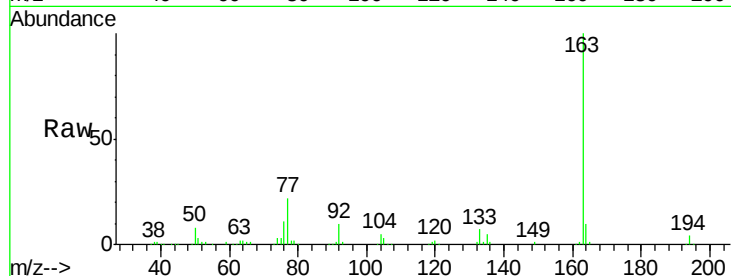




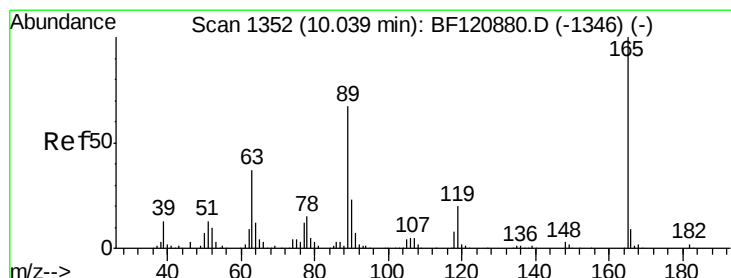
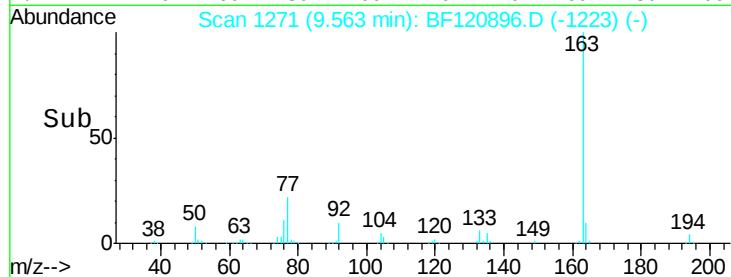
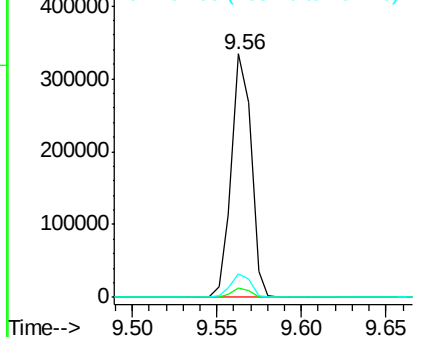
#50
Dimethylphthalate
Concen: 11.674 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF120896.D
Acq: 16 Jul 2020 20:26

Instrument :
BNA_F
ClientSampleId :
TP-16-D

Tot Ion:163 Resp: 271750
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 9.9 7.9 11.9

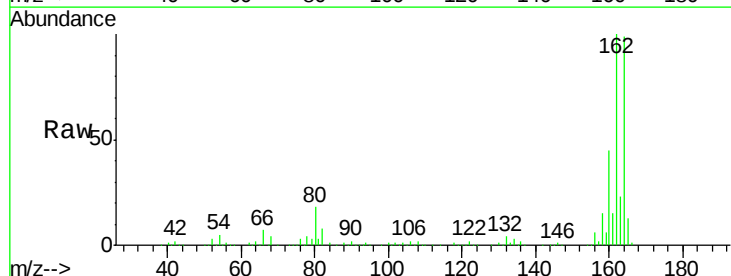


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

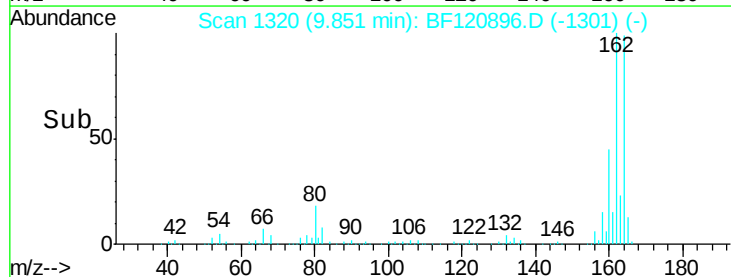
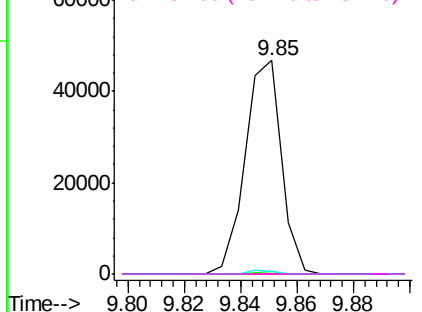


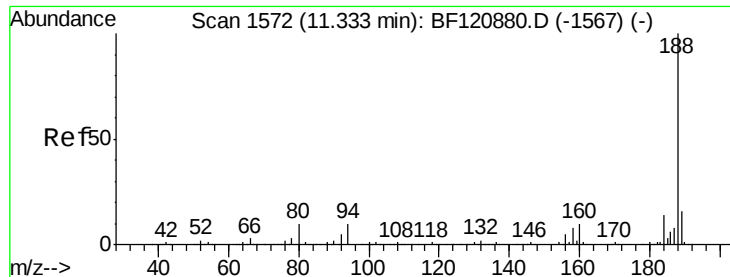
#57
2,4-Dinitrotoluene
Concen: 6.334 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF120896.D
Acq: 16 Jul 2020 20:26

Tgt Ion:165 Resp: 41595
Ion Ratio Lower Upper
165 100
63 1.2 29.4 44.2#
89 1.4 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

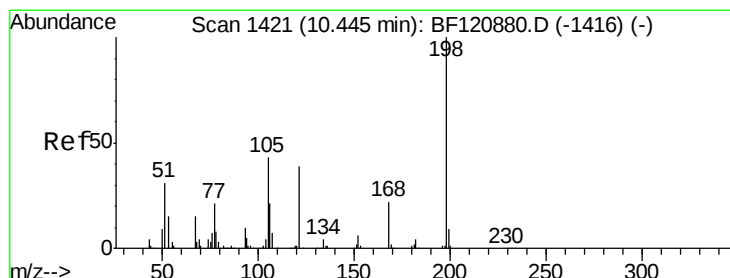
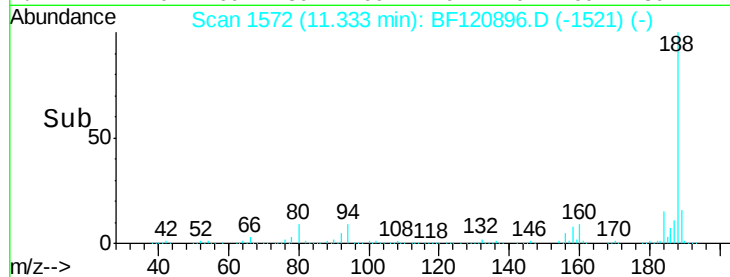
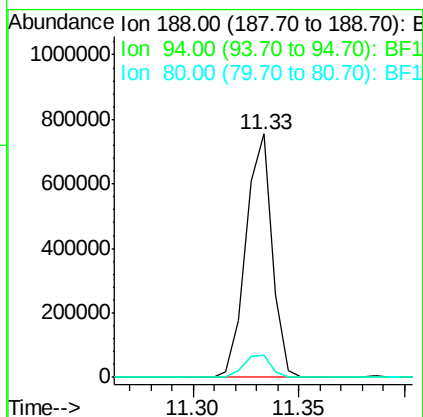
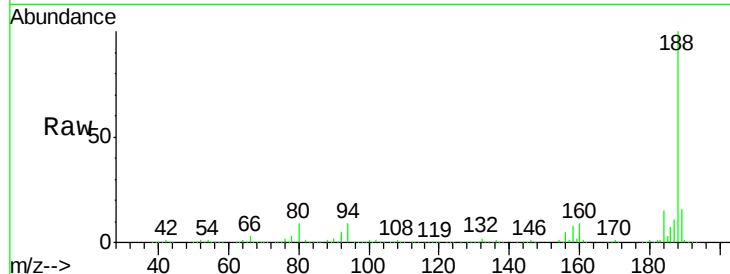




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF120896.D
 Acq: 16 Jul 2020 20:26

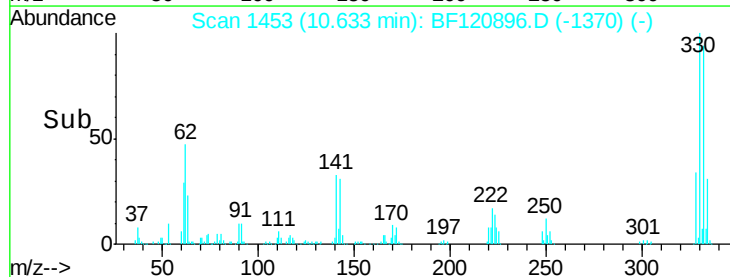
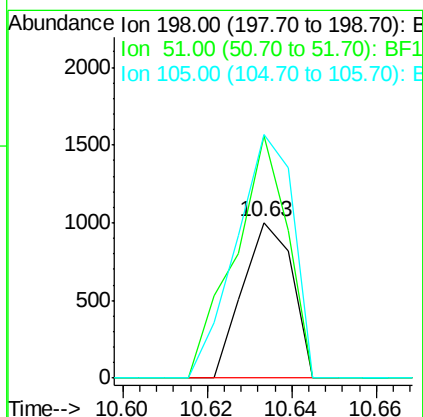
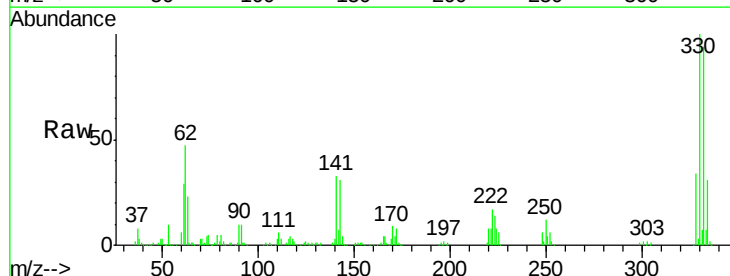
Instrument :
 BNA_F
 ClientSampleId :
 TP-16-D

Tot Ion:188 Resp: 650822
 Ion Ratio Lower Upper
 188 100
 94 8.9 8.0 12.0
 80 8.9 8.3 12.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.043 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.19 min
 Lab File: BF120896.D
 Acq: 16 Jul 2020 20:26

Tgt Ion:198 Resp: 822
 Ion Ratio Lower Upper
 198 100
 51 155.4 19.5 59.5#
 105 156.4 24.4 64.4#

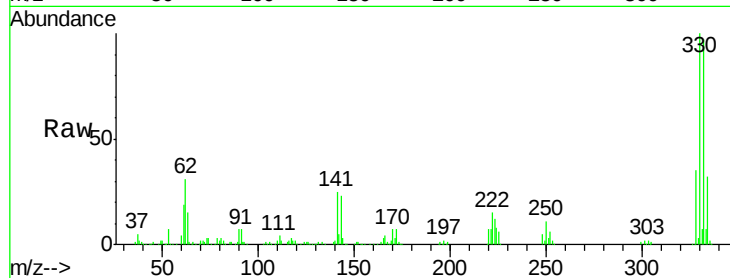




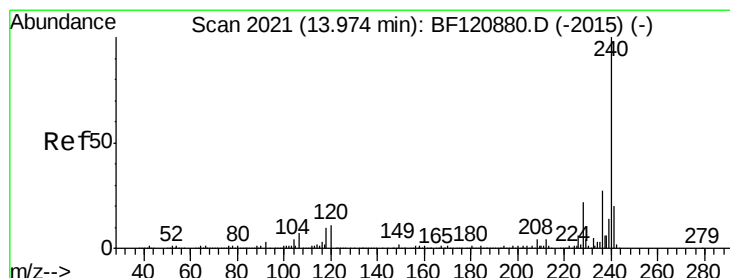
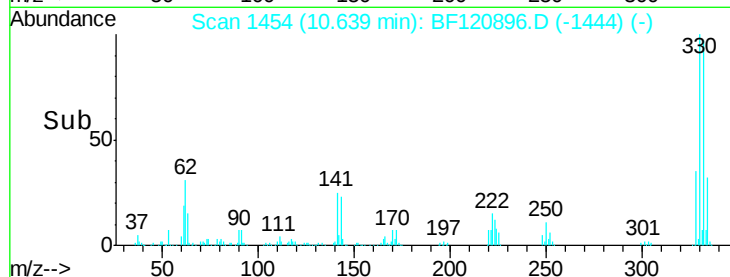
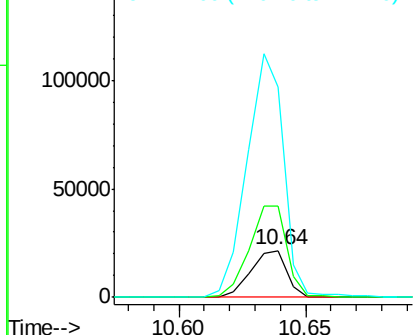
#67
4-Bromophenyl-phenylether
Concen: 2.986 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF120896.D
Acq: 16 Jul 2020 20:26

Instrument :
BNA_F
ClientSampled :
TP-16-D

Tot Ion:248 Resp: 21667
Ion Ratio Lower Upper
248 100
250 194.2 77.1 115.7#
141 451.5 61.2 91.8#

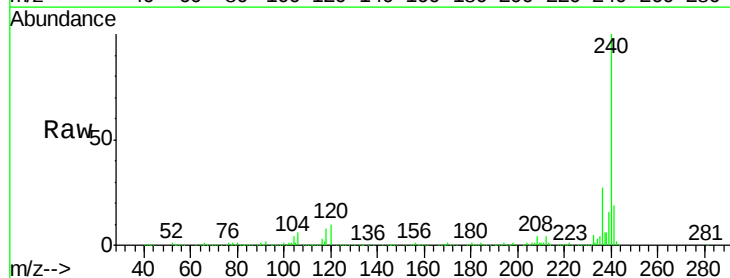


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

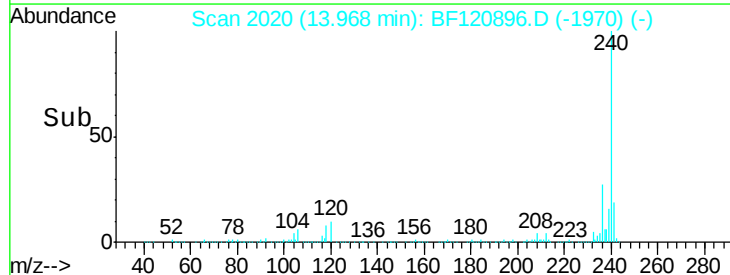
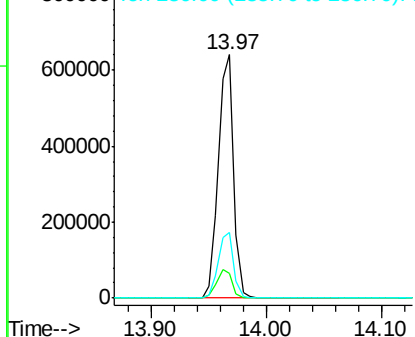


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120896.D
Acq: 16 Jul 2020 20:26

Tgt Ion:240 Resp: 585172
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.4
236 27.2 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: 58.478 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120896.D

Acq: 16 Jul 2020 20:26

Instrument :

BNA_F

ClientSampleId :

TP-16-D

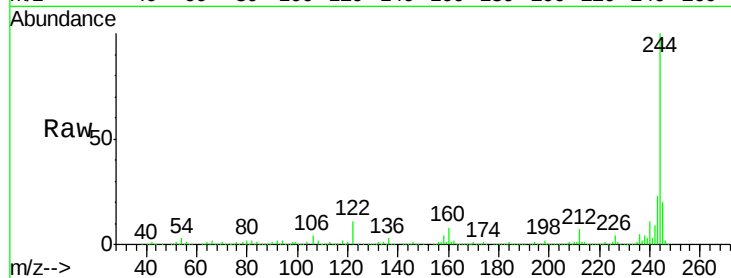
Tot Ion:244 Resp: 1574203

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

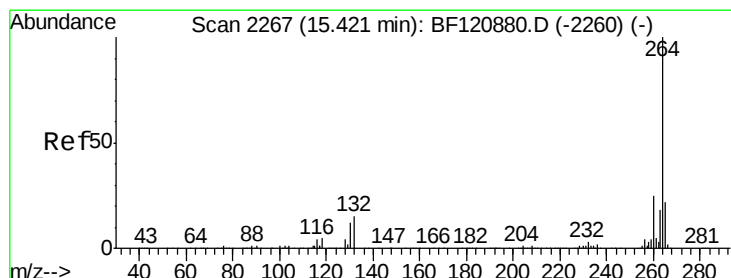
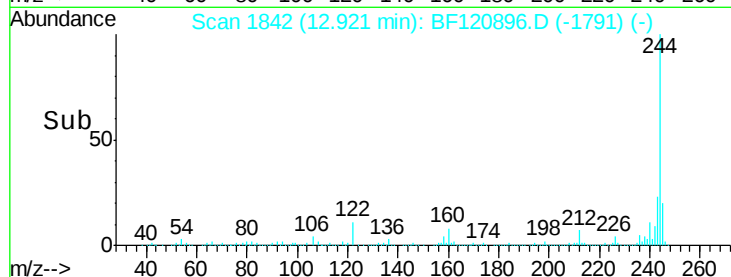
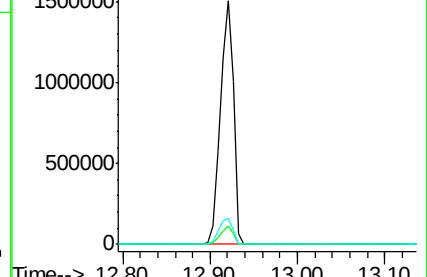
122 10.6 8.9 13.3



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# 2266

Delta R.T. -0.01 min

Lab File: BF120896.D

Acq: 16 Jul 2020 20:26

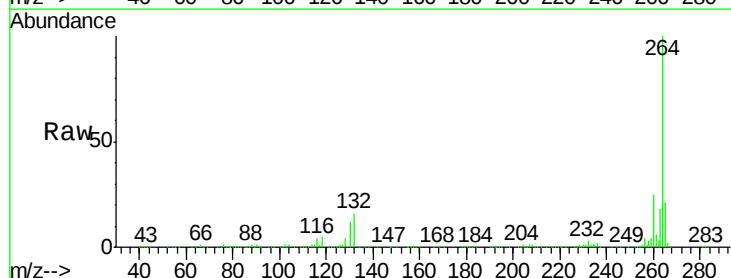
Tgt Ion:264 Resp: 536652

Ion Ratio Lower Upper

264 100

260 25.0 20.0 30.0

265 21.3 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

