

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
 Data File : BF120860.D
 Acq On : 14 Jul 2020 14:47
 Operator : JU/CG
 Sample : L3282-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ST-JOES-AVE-1

Quant Time: Jul 14 15:11:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 14:16:14 2020
 Response via : Initial Calibration

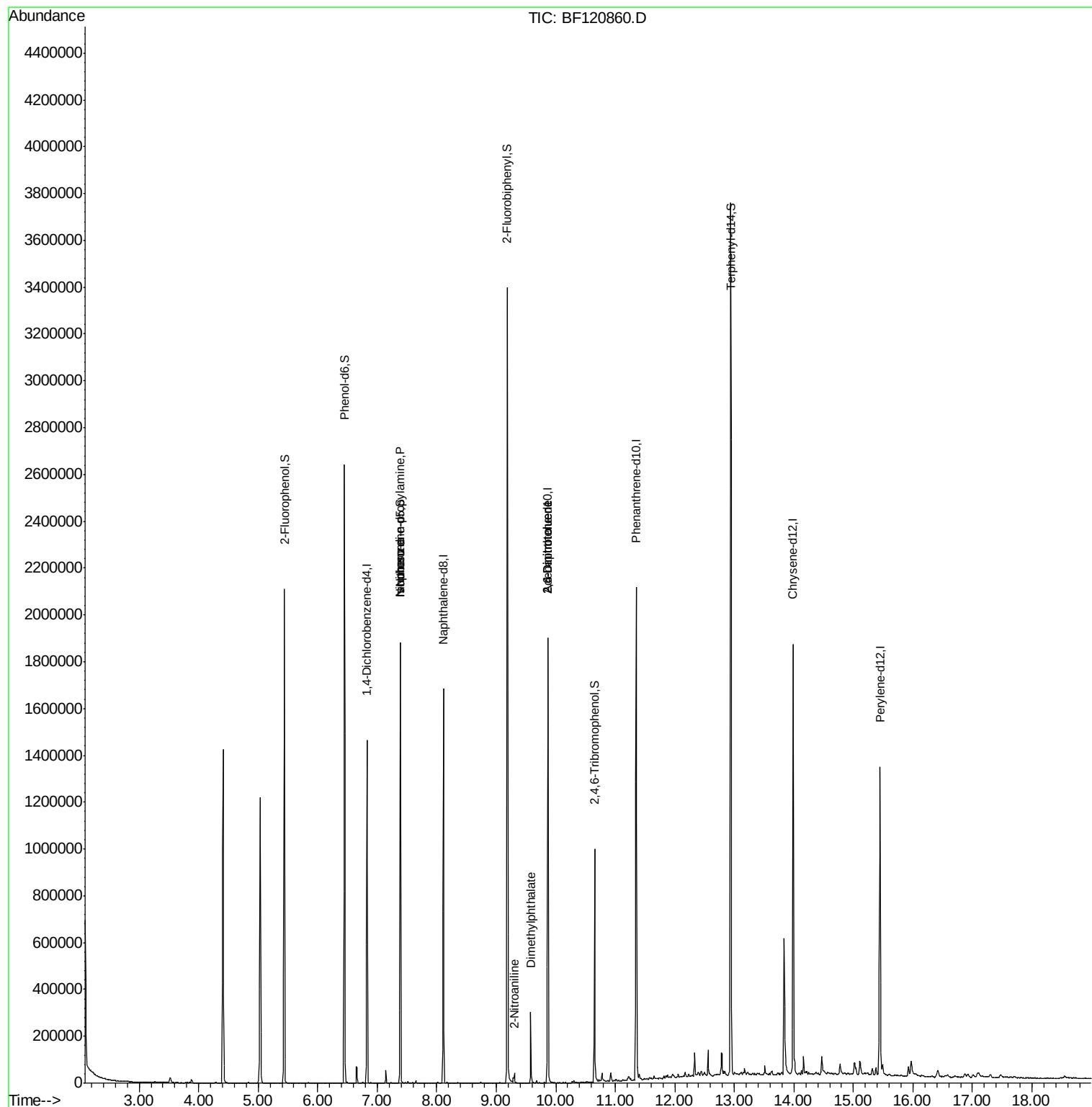
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	193243	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	736776	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	387117	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	731492	20.00	ng	0.00
76) Chrysene-d12	13.99	240	620837	20.00	ng	-0.02
86) Perylene-d12	15.44	264	576614	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	551975	44.09	ng	0.00
7) Phenol-d6	6.45	99	912167	57.06	ng	-0.01
23) Nitrobenzene-d5	7.39	82	628255	49.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	108272	27.84	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1173147	45.85	ng	0.00
79) Terphenyl-d14	12.94	244	1201158	37.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	82190	8.539	ng	# 77
25) Isophorone	7.39	82	625687	22.815	ng	# 64
48) 2-Nitroaniline	9.30	65	351	2.664	ng	# 5
50) Dimethylphthalate	9.58	163	111781	3.958	ng	98
51) 2,6-Dinitrotoluene	9.87	165	48740	10.550	ng	# 17
57) 2,4-Dinitrotoluene	9.87	165	48740	9.600	ng	# 15

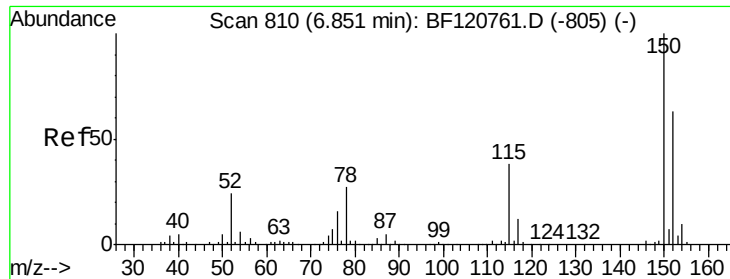
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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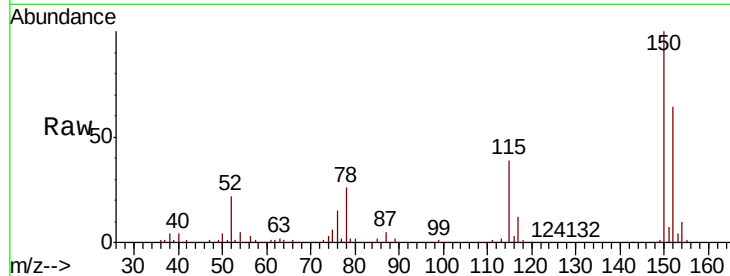


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF120860.D
 Acq: 14 Jul 2020 14:47

Instrument :
 BNA_F
 ClientSampleId :
 ST-JOES-AVE-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.1	189.1
115	60.6	48.5	72.7

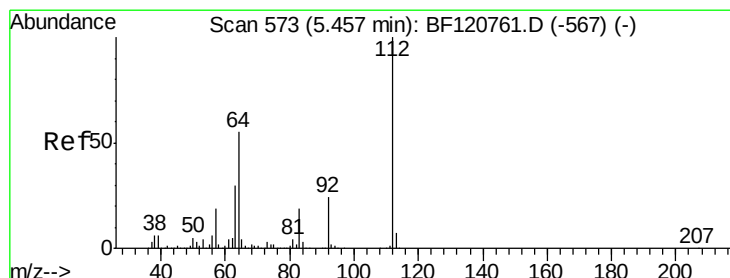
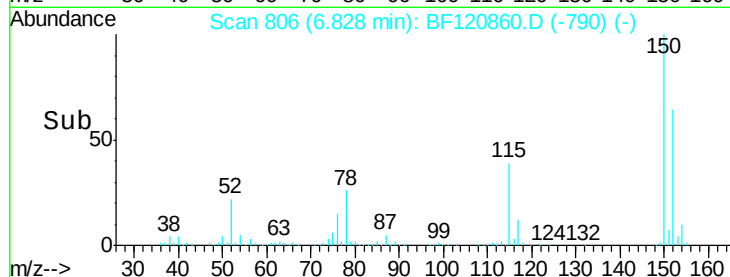
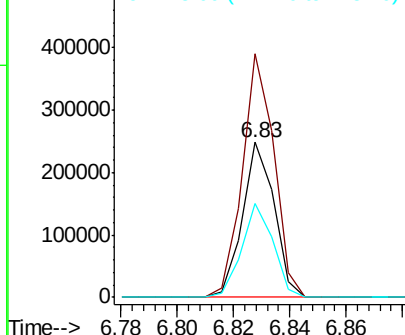


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

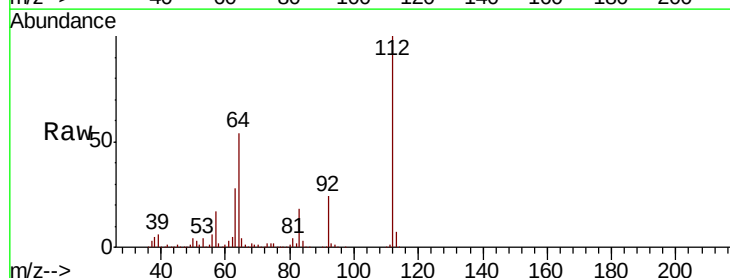
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 44.092 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF120860.D
 Acq: 14 Jul 2020 14:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	43.8	65.6
63	28.1	23.6	35.4

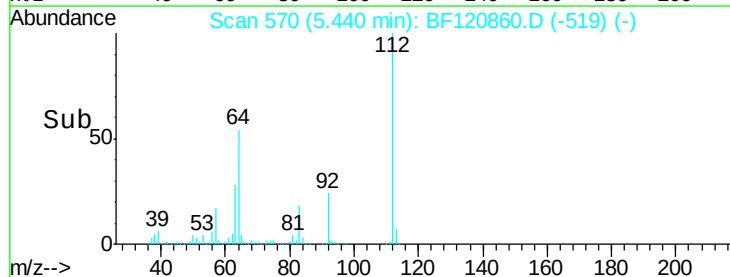
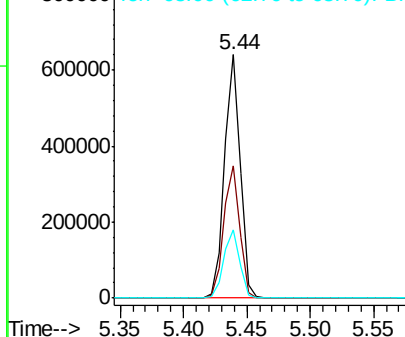


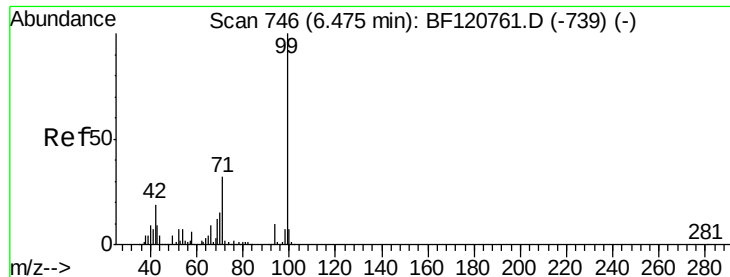
Abundance

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: 57.058 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF120860.D

Acq: 14 Jul 2020 14:47

Instrument :

BNA_F

ClientSampleId :

ST-JOES-AVE-1

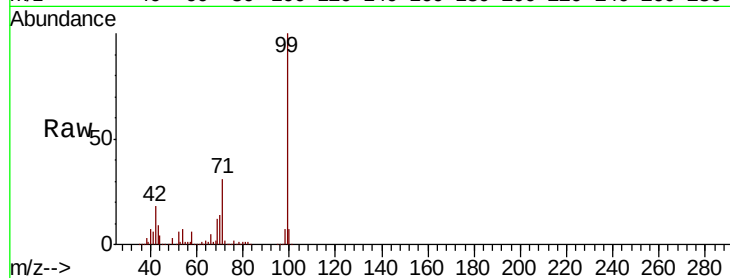
Tot Ion: 99 Resp: 912167

Ion Ratio Lower Upper

99 100

42 17.9 15.4 23.0

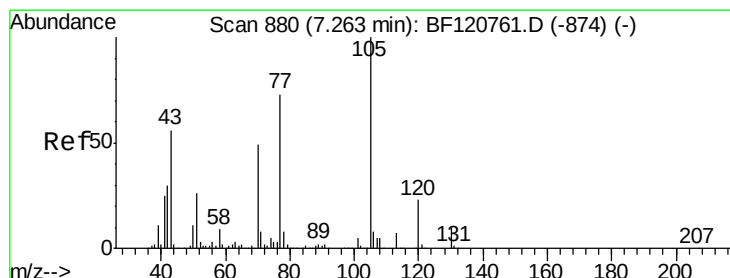
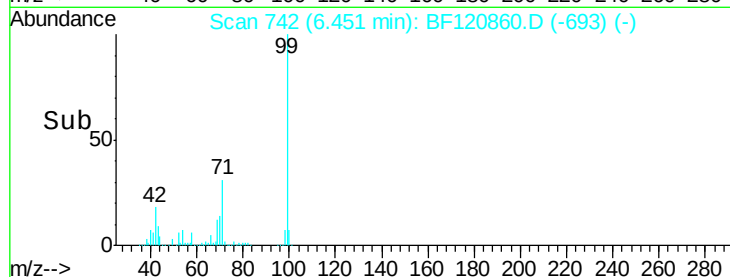
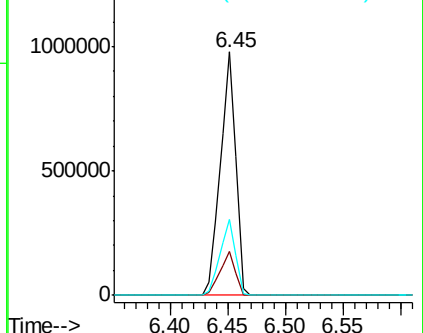
71 31.2 25.9 38.9



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: 8.539 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.14 min

Lab File: BF120860.D

Acq: 14 Jul 2020 14:47

Tgt Ion: 70 Resp: 82190

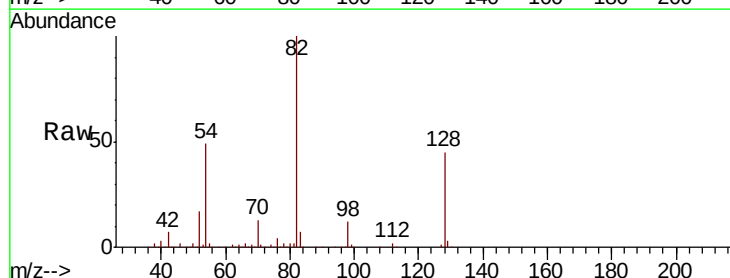
Ion Ratio Lower Upper

70 100

42 49.0 50.3 75.5#

101 0.0 7.5 11.3#

130 2.0 16.1 24.1#

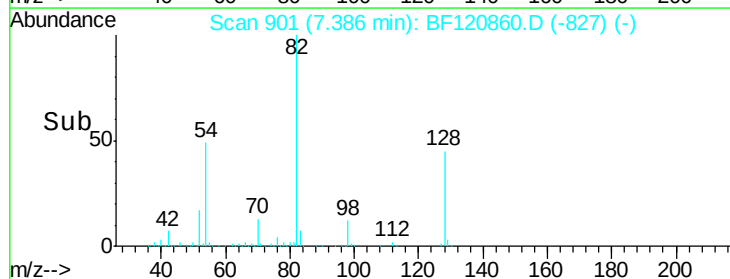
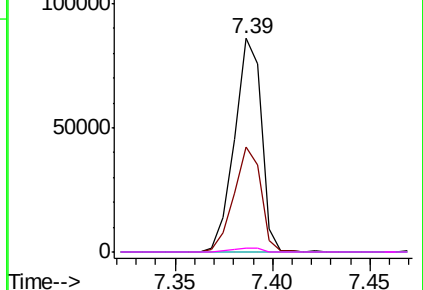


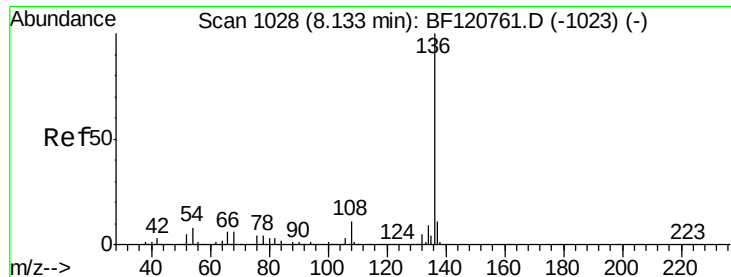
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

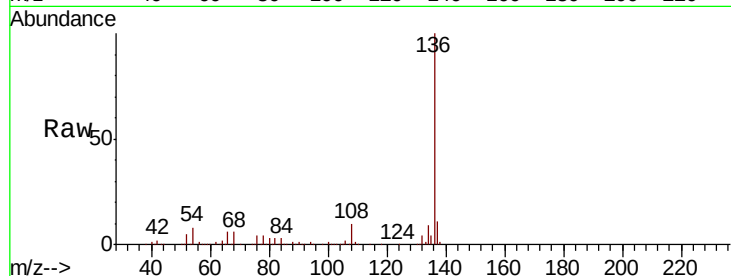




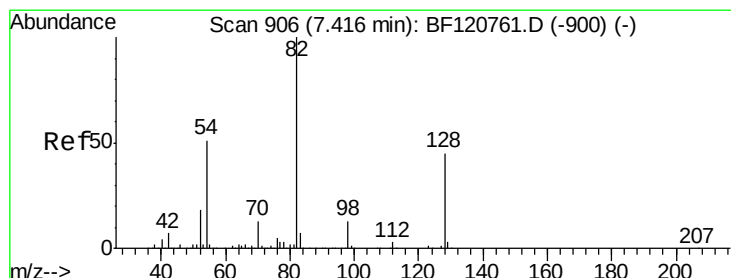
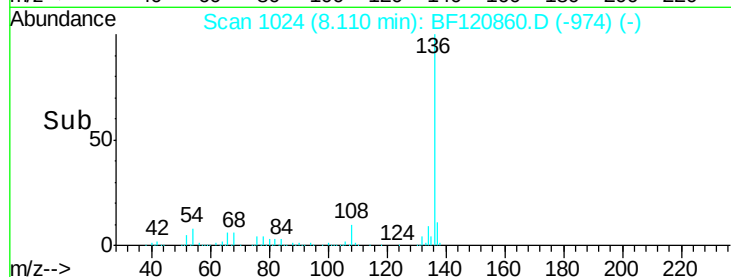
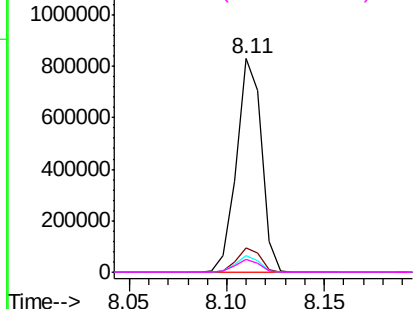
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF120860.D
Acq: 14 Jul 2020 14:47

Instrument :
BNA_F
ClientSampleId :
ST-JOES-AVE-1

Tot Ion:136	Resp:	736776
Ion Ratio	Lower	Upper
136 100		
137 11.5	9.0	13.6
54 7.9	6.2	9.4
68 6.2	4.7	7.1

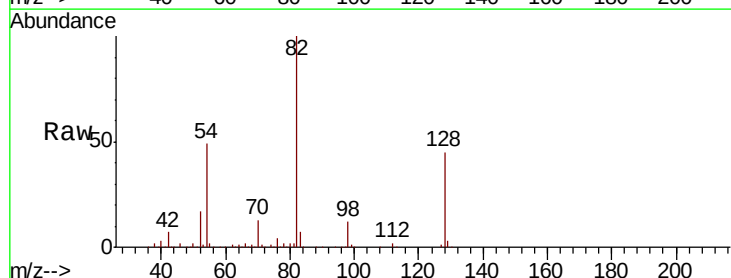


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

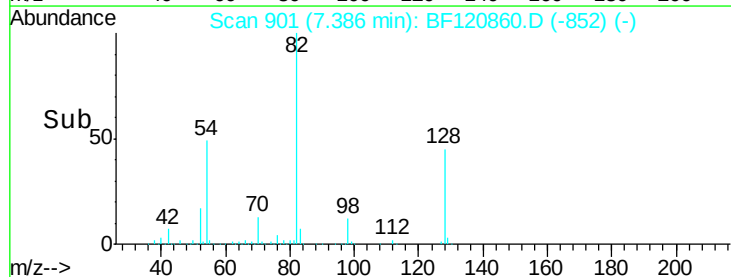
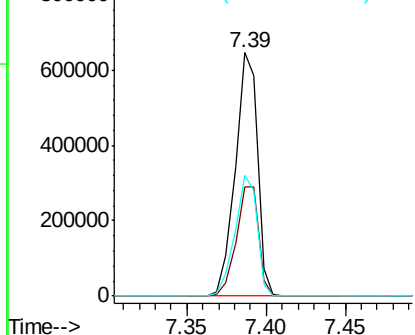


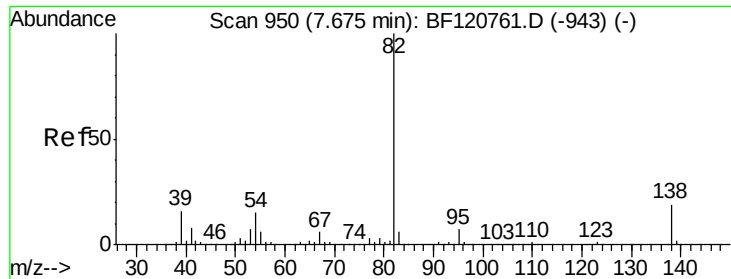
#23
Nitrobenzene-d5
Concen: 49.404 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF120860.D
Acq: 14 Jul 2020 14:47

Tgt	Ion: 82	Resp:	628255
Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.7	53.5
54	49.5	40.9	61.3



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: 22.815 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.27 min

Lab File: BF120860.D

Acq: 14 Jul 2020 14:47

Instrument :

BNA_F

ClientSampleId :

ST-JOES-AVE-1

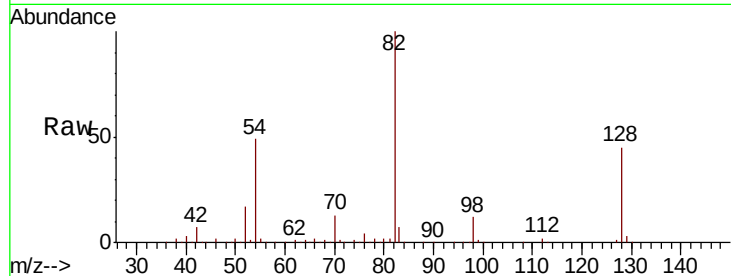
Tot Ion: 82 Resp: 625687

Ion Ratio Lower Upper

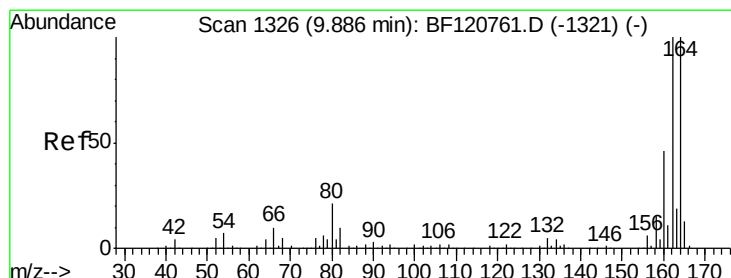
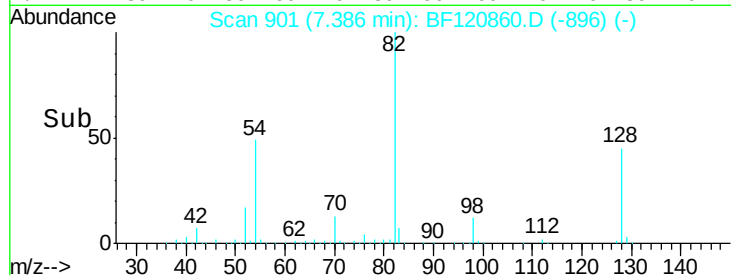
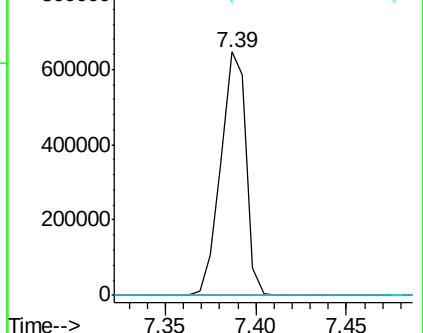
82 100

95 0.0 5.4 8.2#

138 0.0 15.0 22.4#



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: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF120860.D

Acq: 14 Jul 2020 14:47

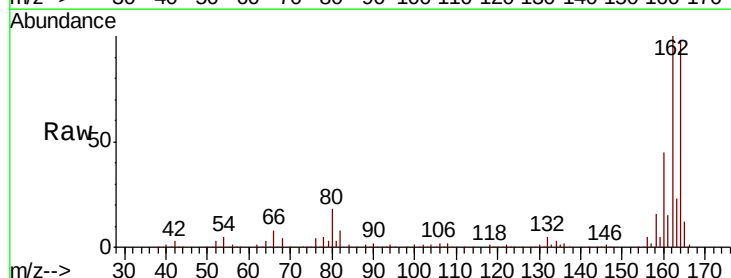
Tgt Ion: 164 Resp: 387117

Ion Ratio Lower Upper

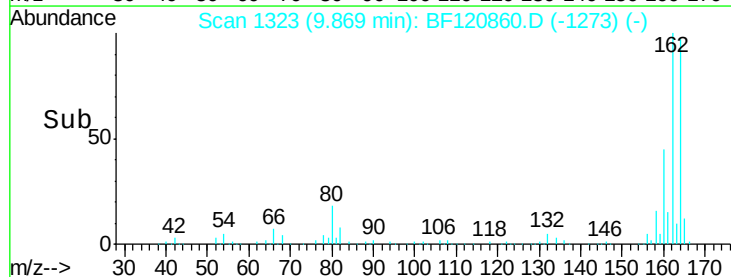
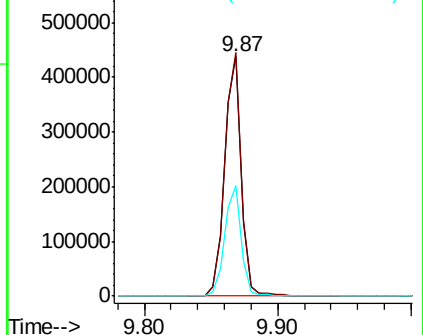
164 100

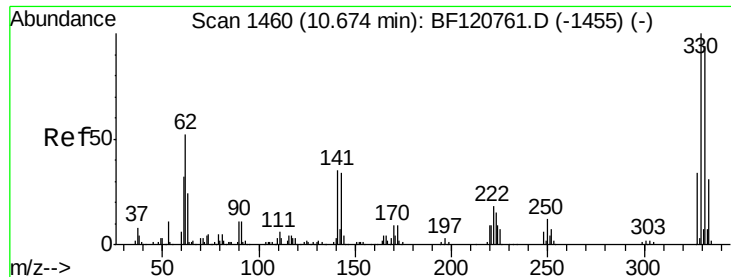
162 101.6 80.2 120.2

160 46.1 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: 27.839 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF120860.D

Acq: 14 Jul 2020 14:47

Instrument :

BNA_F

ClientSampleId :

ST-JOES-AVE-1

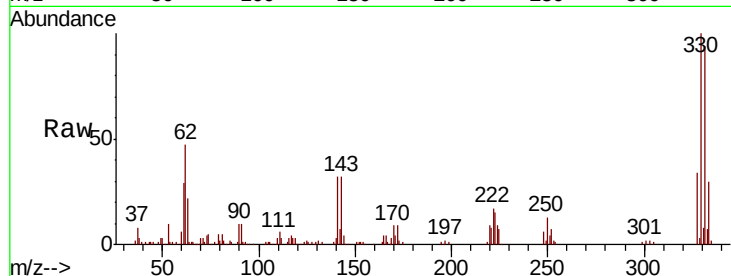
Tot Ion:330 Resp: 108272

Ion Ratio Lower Upper

330 100

332 95.5 75.8 113.6

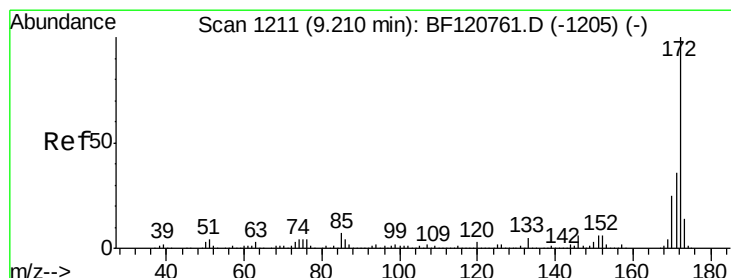
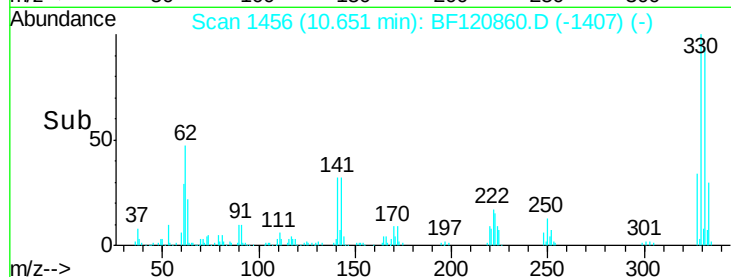
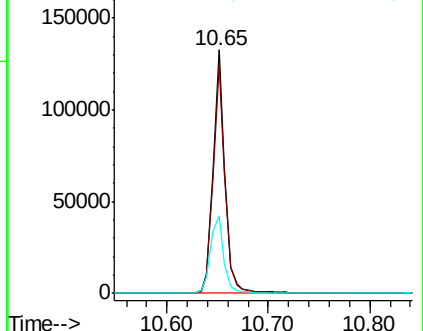
141 36.4 29.7 44.5



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: 45.849 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF120860.D

Acq: 14 Jul 2020 14:47

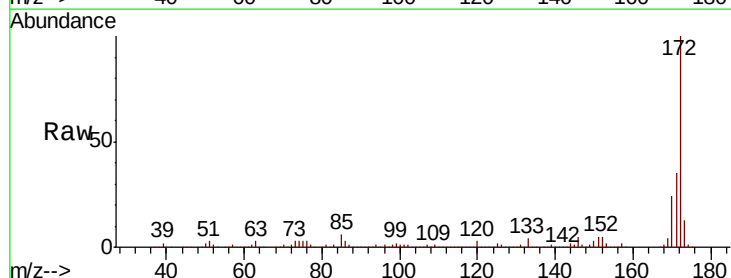
Tgt Ion:172 Resp: 1173147

Ion Ratio Lower Upper

172 100

171 35.2 29.1 43.7

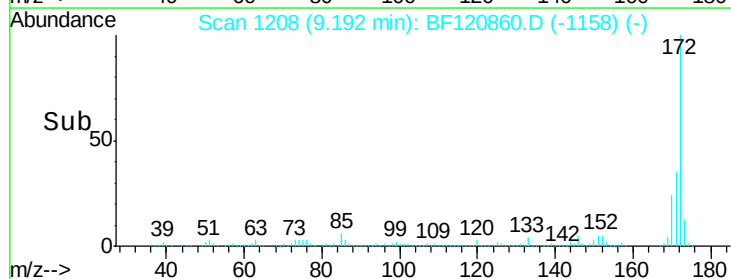
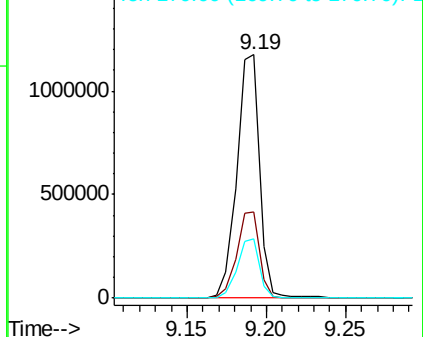
170 24.2 19.8 29.6

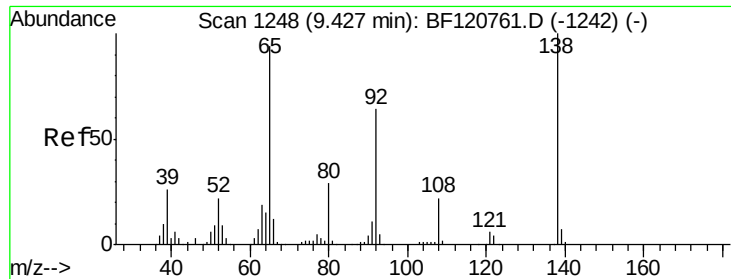


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

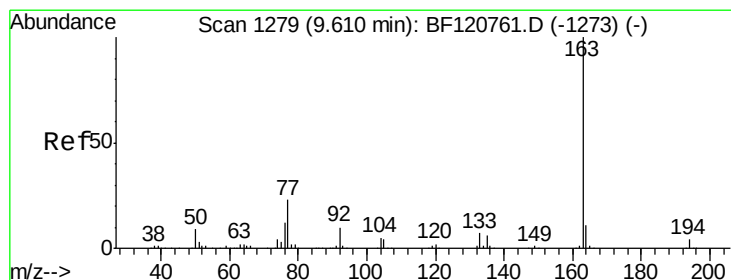
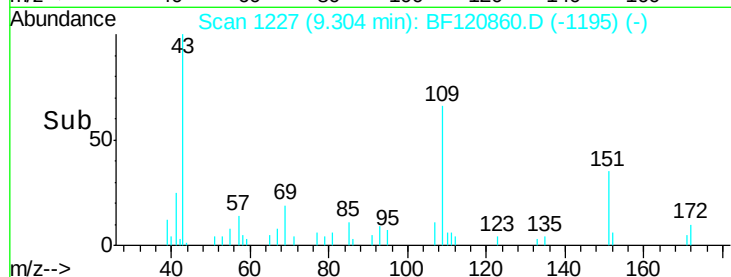
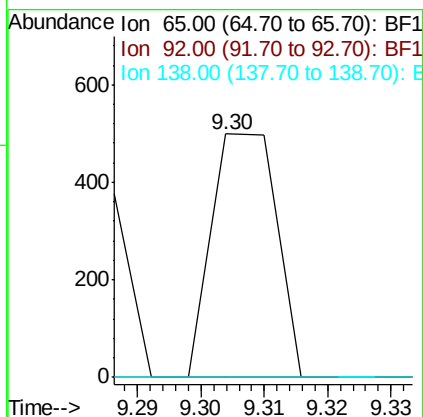
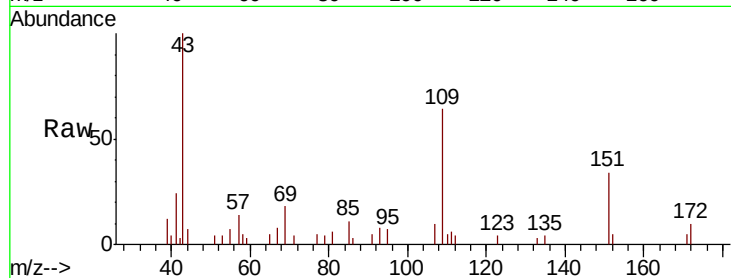




#48
2-Nitroaniline
Concen: 2.664 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.11 min
Lab File: BF120860.D
Acq: 14 Jul 2020 14:47

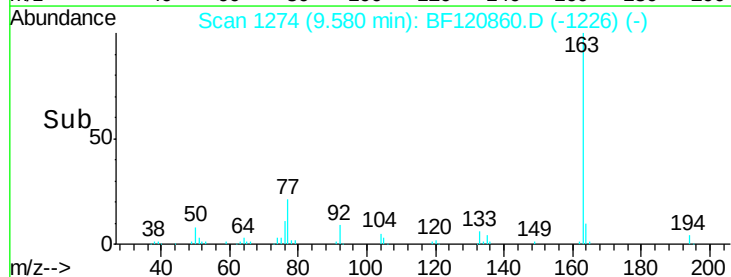
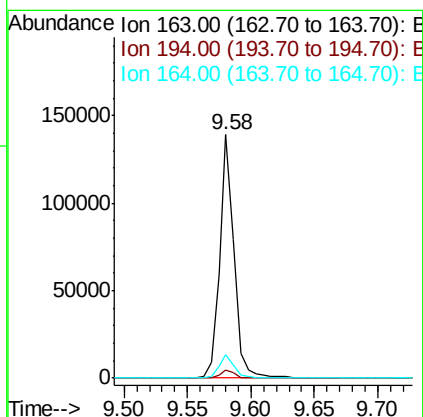
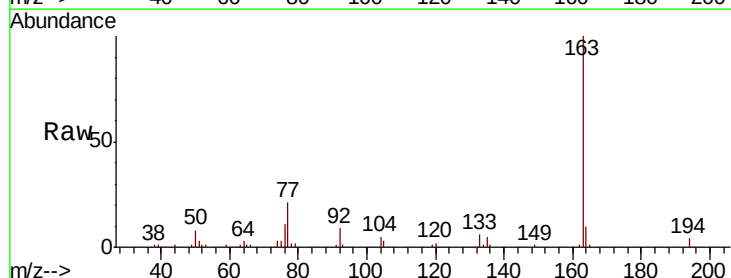
Instrument :
BNA_F
ClientSampleId :
ST-JOES-AVE-1

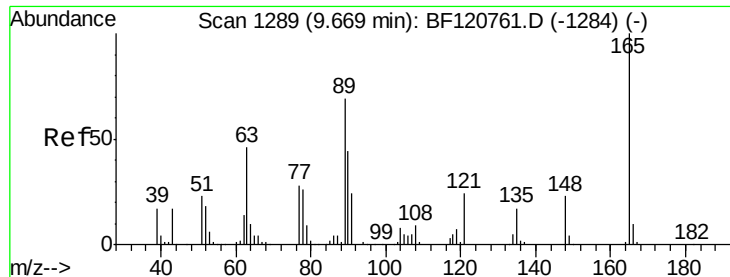
Tot Ion: 65 Resp: 351
Ion Ratio Lower Upper
65 100
92 0.0 54.4 81.6#
138 0.0 84.7 127.1#



#50
Dimethylphthalate
Concen: 3.958 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF120860.D
Acq: 14 Jul 2020 14:47

Tgt Ion: 163 Resp: 111781
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 9.8 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 10.550 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.21 min

Lab File: BF120860.D

Acq: 14 Jul 2020 14:47

Instrument :

BNA_F

ClientSampleId :

ST-JOES-AVE-1

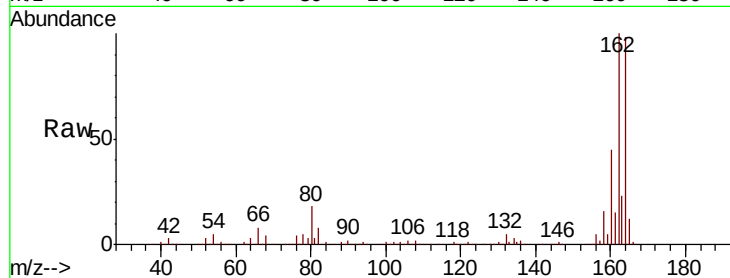
Tot Ion:165 Resp: 48740

Ion Ratio Lower Upper

165 100

63 1.0 54.0 81.0#

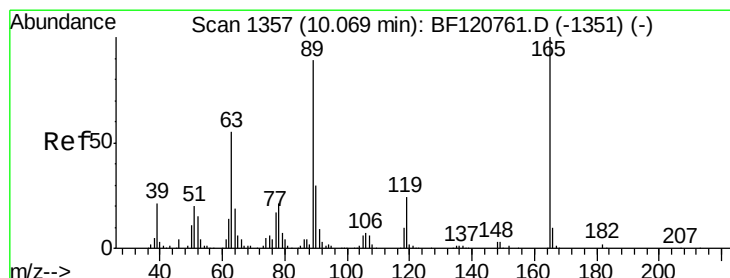
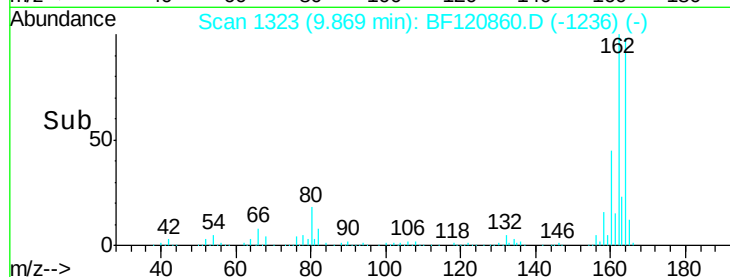
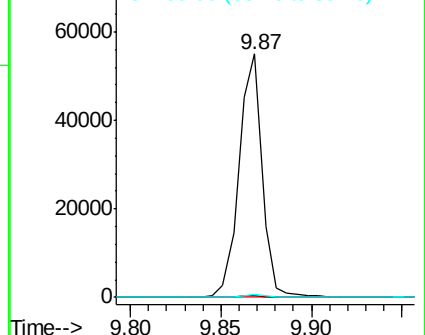
89 1.1 55.4 83.2#



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



#57

2,4-Dinitrotoluene

Concen: 9.600 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.19 min

Lab File: BF120860.D

Acq: 14 Jul 2020 14:47

Tgt Ion:165 Resp: 48740

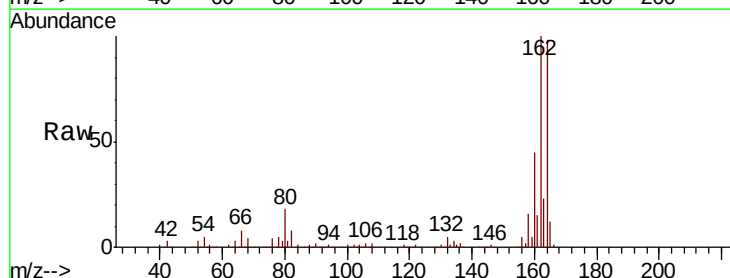
Ion Ratio Lower Upper

165 100

63 1.0 43.8 65.8#

89 1.1 71.4 107.2#

182 0.0 1.8 2.6#

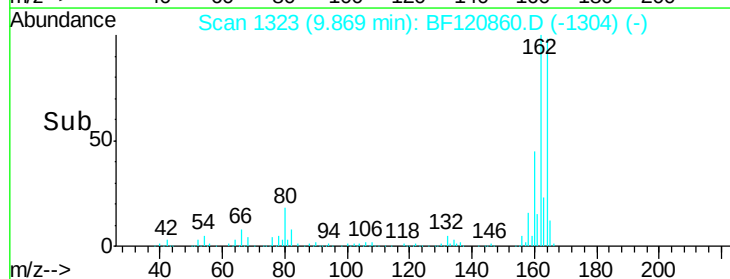
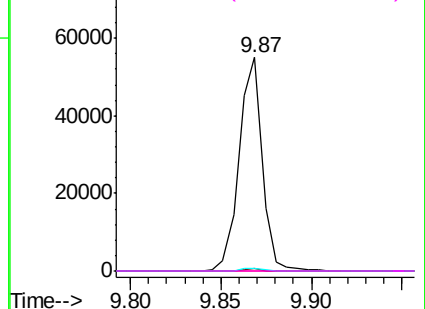


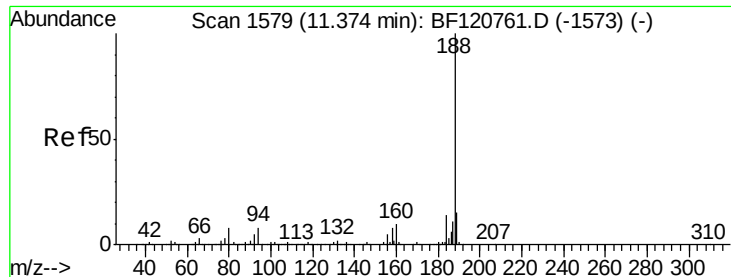
Abundance Ion 165.00 (164.70 to 165.70): E

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

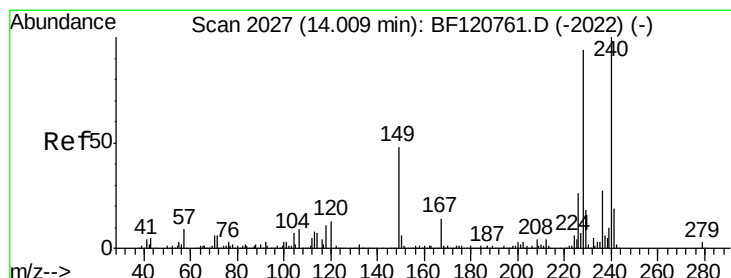
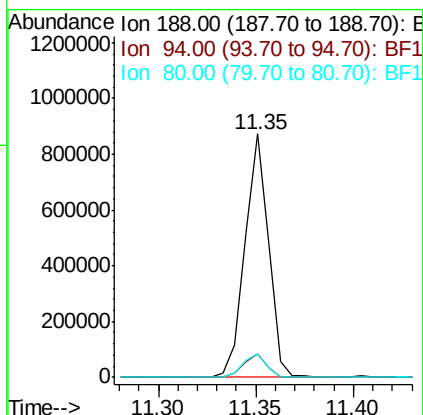
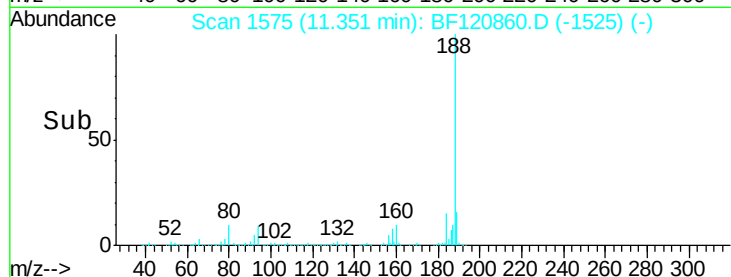
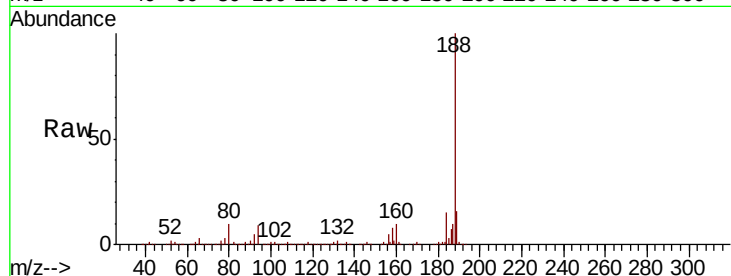




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF120860.D
Acq: 14 Jul 2020 14:47

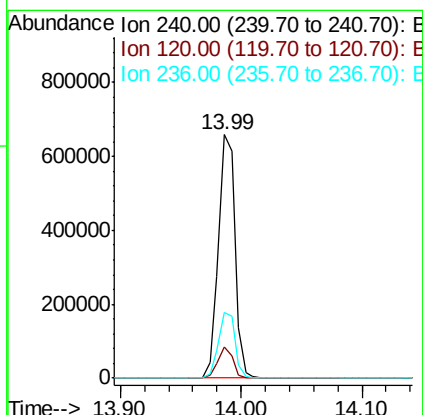
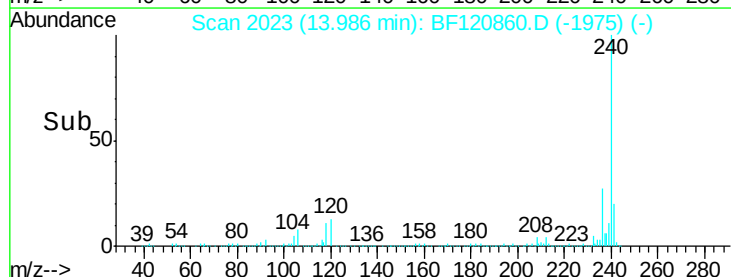
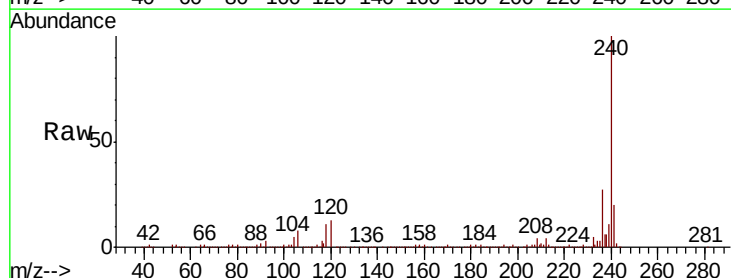
Instrument :
BNA_F
ClientSampleId :
ST-JOES-AVE-1

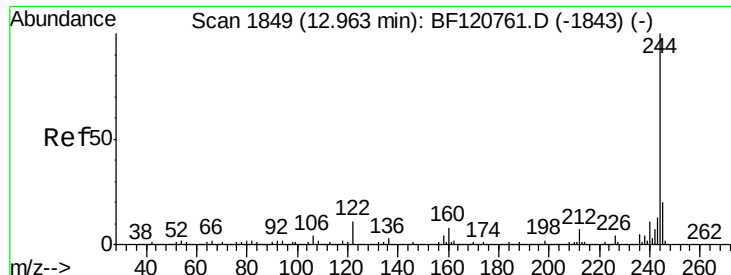
Tot Ion:188 Resp: 731492
Ion Ratio Lower Upper
188 100
94 9.5 6.6 9.8
80 9.7 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF120860.D
Acq: 14 Jul 2020 14:47

Tgt Ion:240 Resp: 620837
Ion Ratio Lower Upper
240 100
120 12.8 10.3 15.5
236 26.7 21.4 32.2

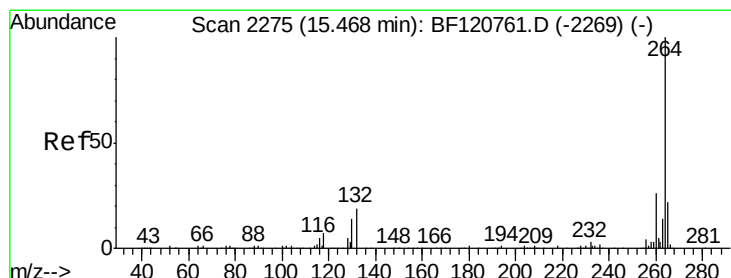
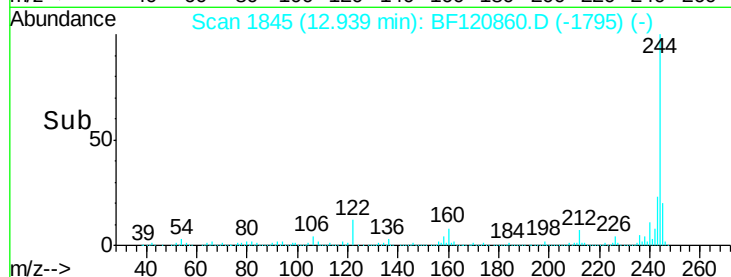
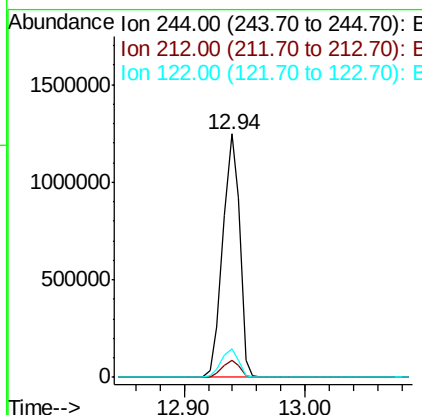
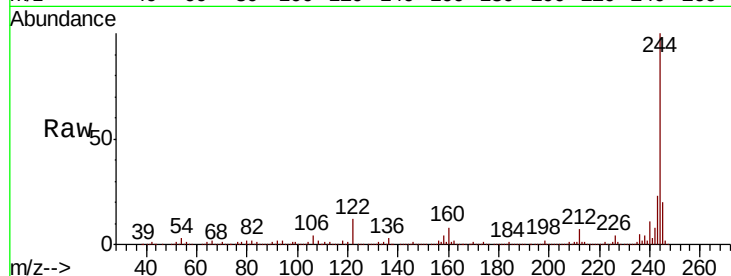




#79
 Terphenyl-d14
 Concen: 37.880 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF120860.D
 Acq: 14 Jul 2020 14:47

Instrument :
 BNA_F
 ClientSampleId :
 ST-JOES-AVE-1

Tot Ion:244 Resp: 1201158
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.7 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF120860.D
 Acq: 14 Jul 2020 14:47

Tgt Ion:264 Resp: 576614
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.6 30.8
 265 21.6 17.6 26.4

