

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121408.D
 Acq On : 24 Aug 2020 19:57
 Operator : JU/CG
 Sample : L3719-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-AMENDED-DISCRETE-005

Quant Time: Aug 25 03:22:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

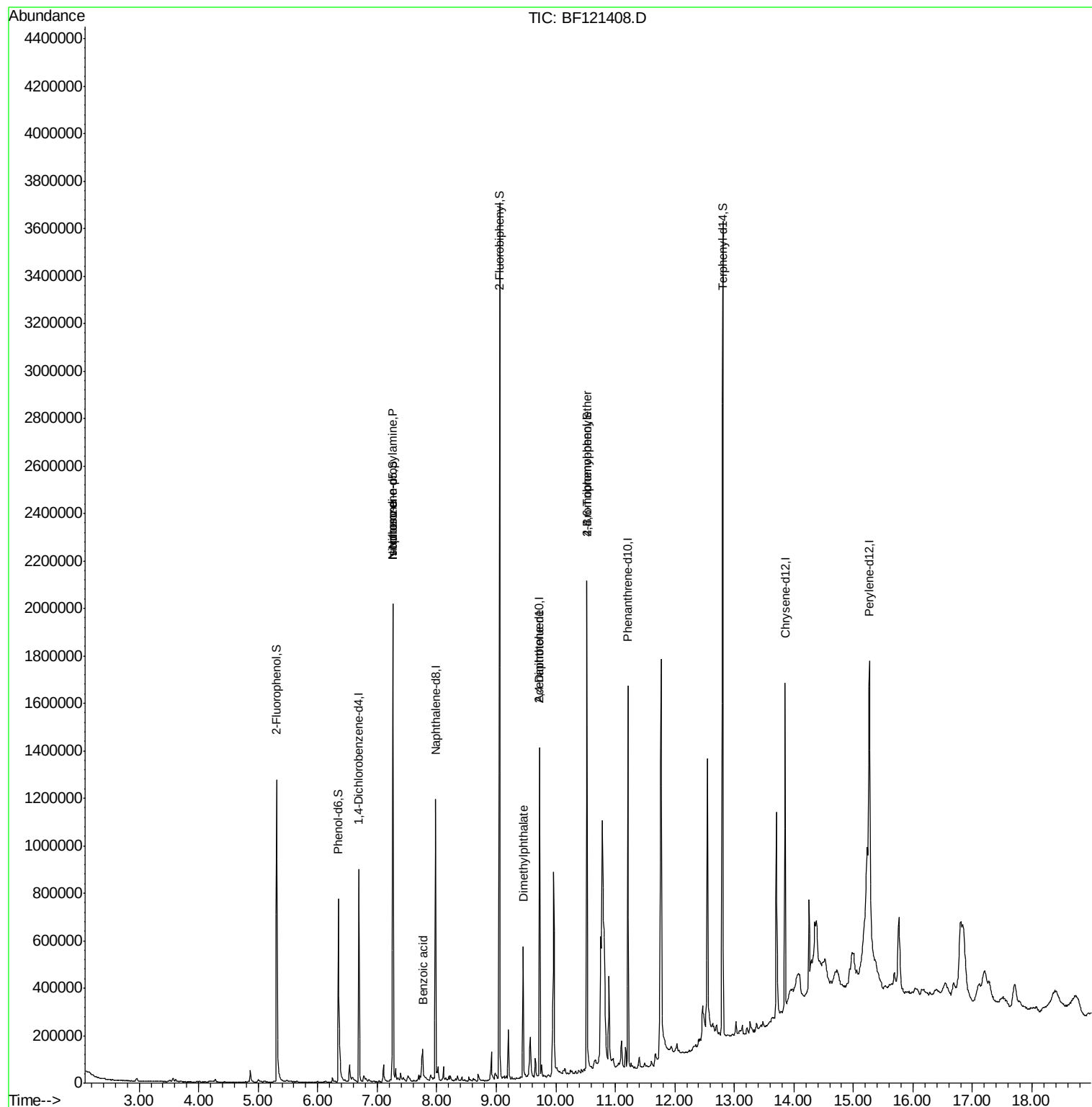
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	135049	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	534768	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	280772	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	570723	20.00	ng	0.00
76) Chrysene-d12	13.85	240	499072	20.00	ng	0.00
86) Perylene-d12	15.27	264	442587	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	432756	52.54	ng	0.01
7) Phenol-d6	6.35	99	338189	32.17	ng	0.00
23) Nitrobenzene-d5	7.26	82	697439	73.76	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	327026	99.95	ng	0.01
45) 2-Fluorobiphenyl	9.06	172	1236215	84.44	ng	0.00
79) Terphenyl-d14	12.80	244	1415435	55.42	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	94150	16.650	ng	# 77
20) 3+4-Methylphenols	7.15	107	149	Below Cal		# 85
25) Isophorone	7.26	82	689395	40.063	ng	# 65
32) Benzoic acid	7.76	122	12965	9.071	ng	98
50) Dimethylphthalate	9.45	163	210343	10.297	ng	98
55) Dibenzofuran	9.93	168	1378	Below Cal		# 81
57) 2,4-Dinitrotoluene	9.73	165	35583	6.686	ng	# 25
58) Fluorene	10.27	166	1772	Below Cal		# 88
67) 4-Bromophenyl-phenylether	10.53	248	18447	2.914	ng	# 1

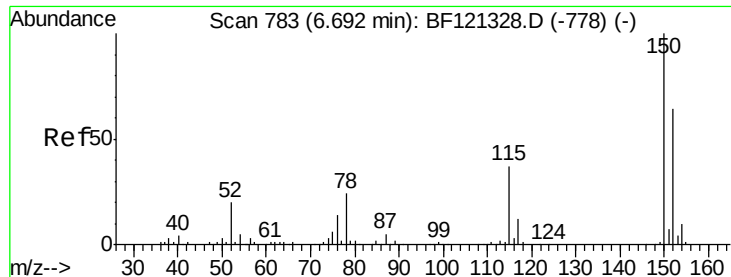
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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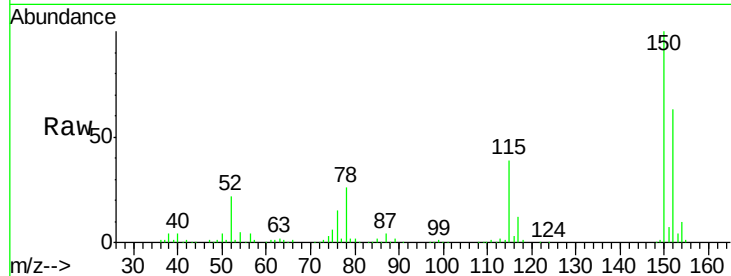


#1

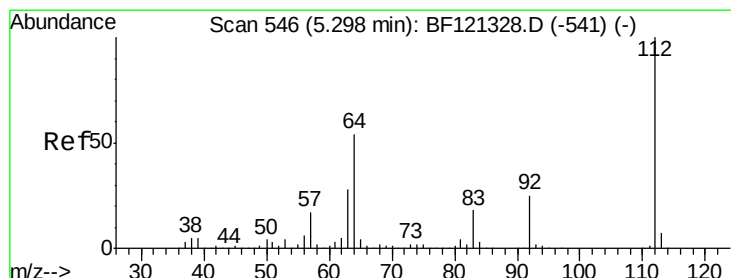
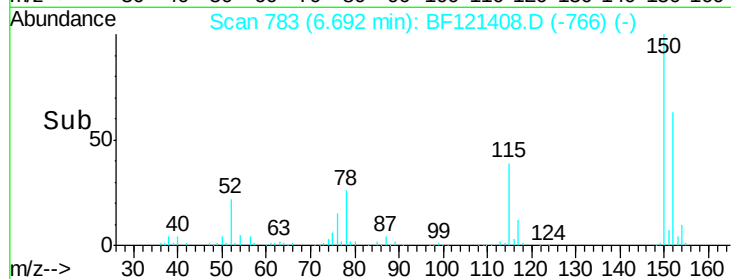
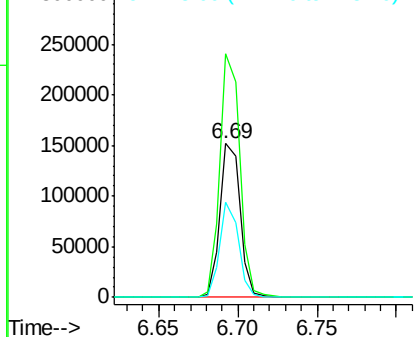
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121408.D
Acq: 24 Aug 2020 19:57

Instrument :
BNA_F
ClientSampleId :
SPLP-AMENDED-DISCRETE-005

Tot Ion:152 Resp: 135049
Ion Ratio Lower Upper
152 100
150 158.6 124.8 187.2
115 61.7 46.1 69.1



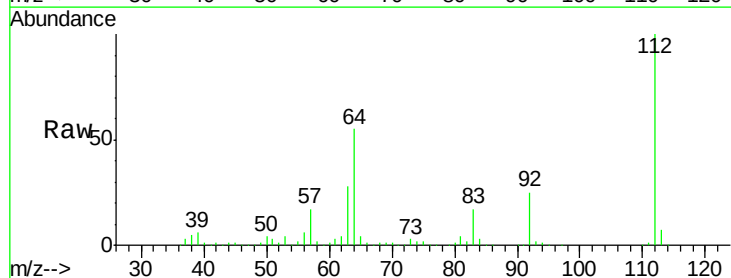
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



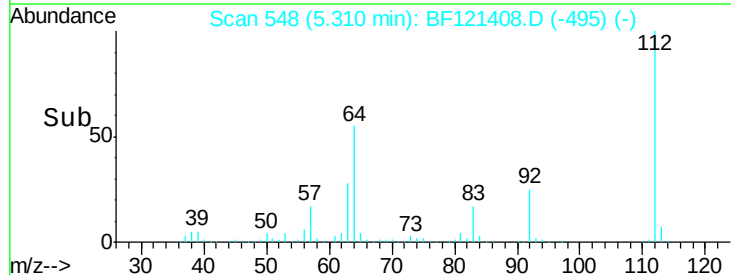
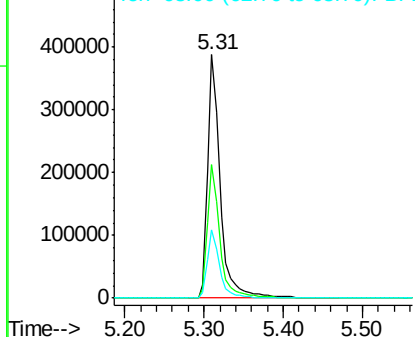
#5

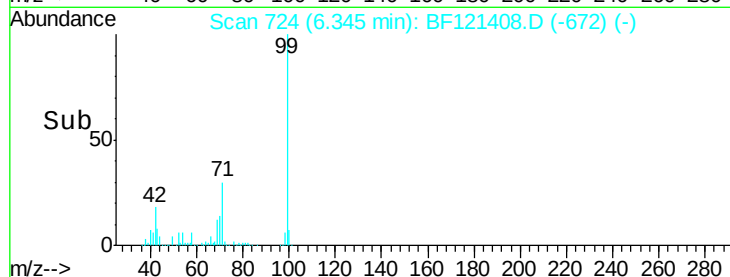
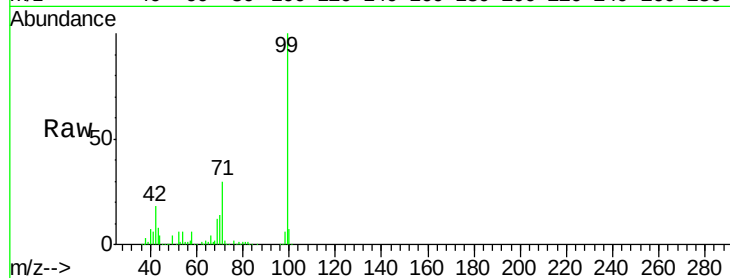
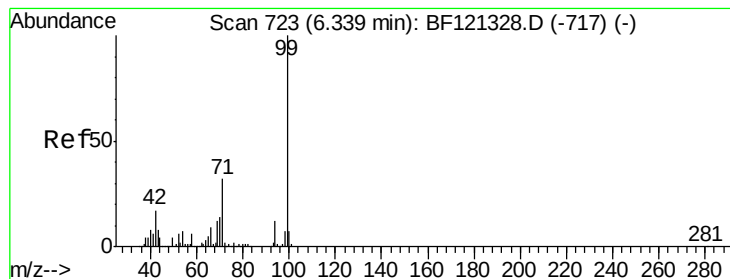
2-Fluorophenol
Concen: 52.544 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF121408.D
Acq: 24 Aug 2020 19:57

Tgt Ion:112 Resp: 432756
Ion Ratio Lower Upper
112 100
64 54.8 43.5 65.3
63 28.0 22.0 33.0



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: 32.166 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121408.D

Acq: 24 Aug 2020 19:57

Instrument :

BNA_F

ClientSampleId :

SPLP-AMENDED-DISCRETE-005

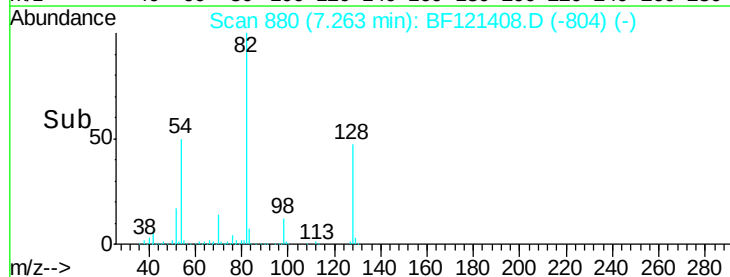
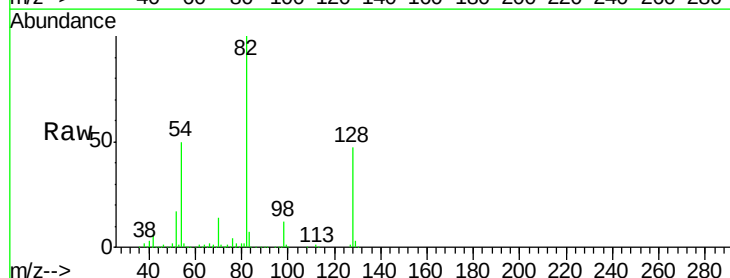
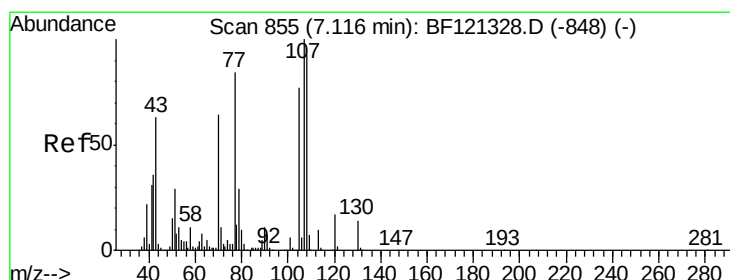
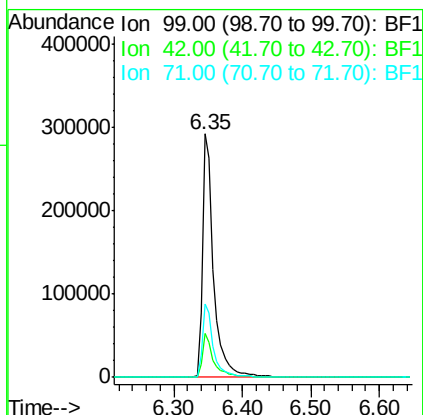
Tot Ion: 99 Resp: 338189

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

71 30.4 25.2 37.8



#19

n-Nitroso-di-n-propylamine

Concen: 16.650 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.15 min

Lab File: BF121408.D

Acq: 24 Aug 2020 19:57

Tgt Ion: 70 Resp: 94150

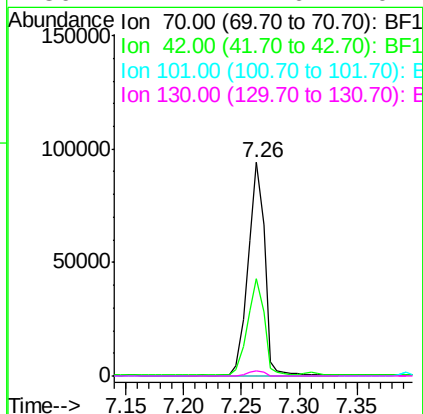
Ion Ratio Lower Upper

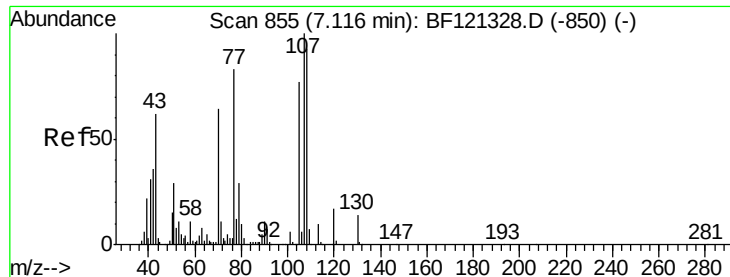
70 100

42 45.4 45.2 67.8

101 0.0 7.7 11.5#

130 2.4 17.6 26.4#

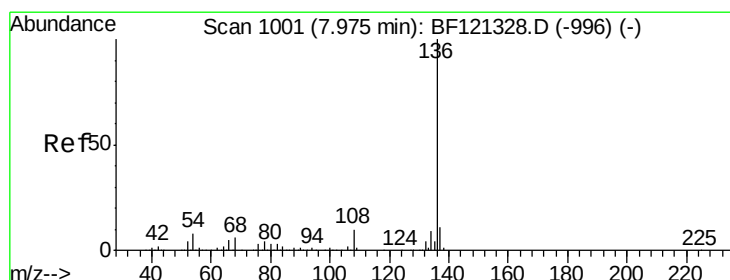
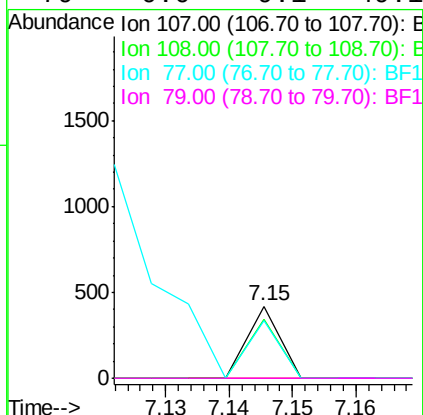
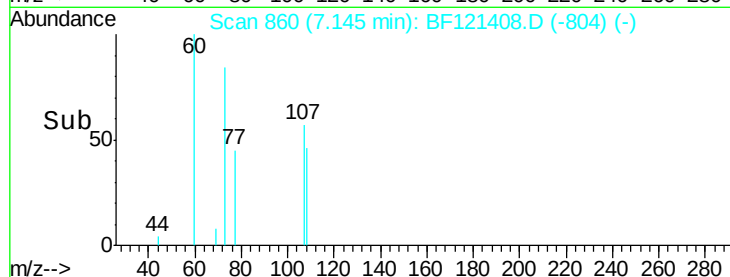
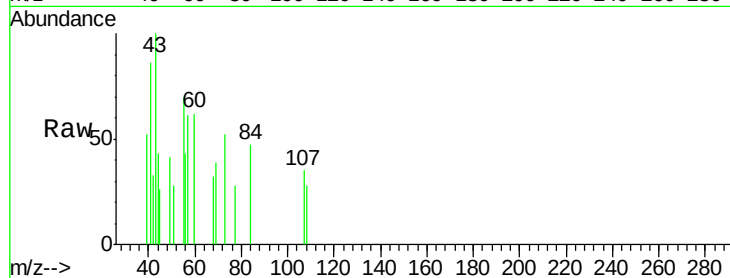




#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.15 min Scan# 860
Delta R.T. 0.03 min
Lab File: BF121408.D
Acq: 24 Aug 2020 19:57

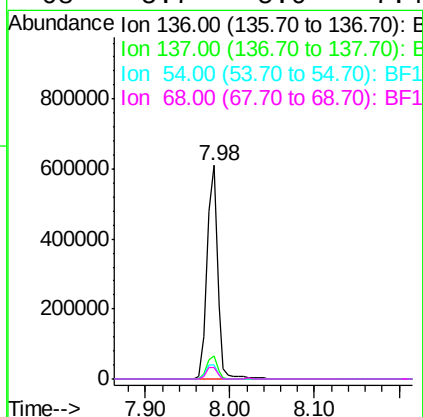
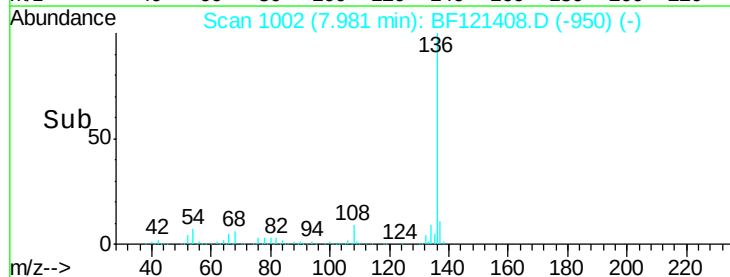
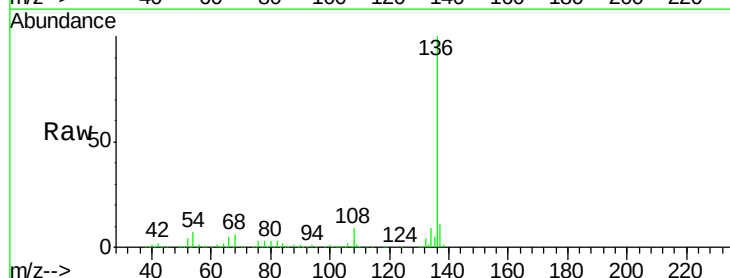
Instrument :
BNA_F
ClientSampleId :
SPLP-AMENDED-DISCRETE-005

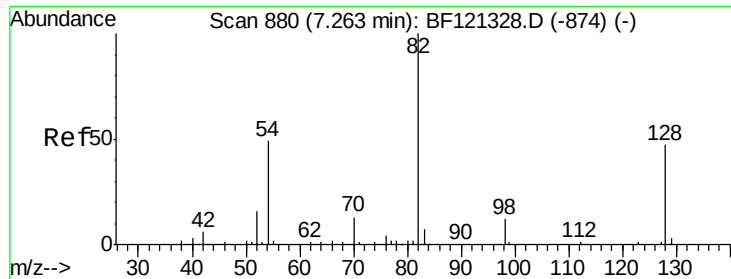
Tot Ion:107 Resp: 149
Ion Ratio Lower Upper
107 100
108 81.0 72.6 112.6
77 79.1 63.8 103.8
79 0.0 9.1 49.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF121408.D
Acq: 24 Aug 2020 19:57

Tgt Ion:136 Resp: 534768
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.9 6.1 9.1
68 5.7 5.0 7.4

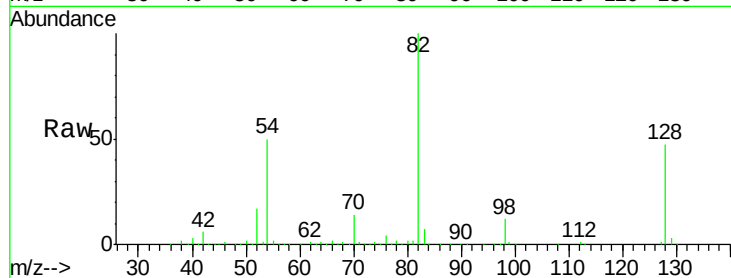




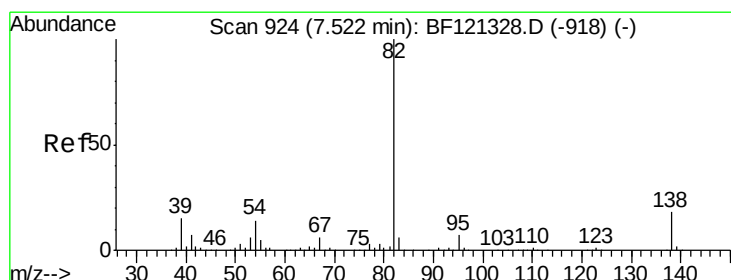
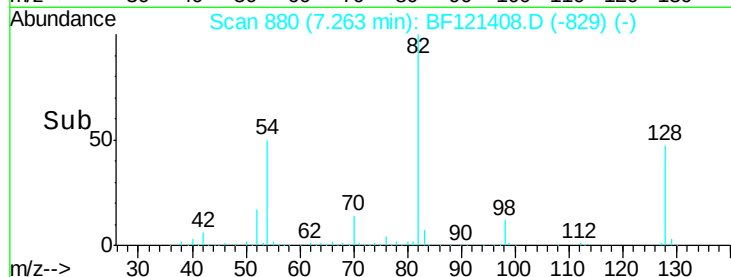
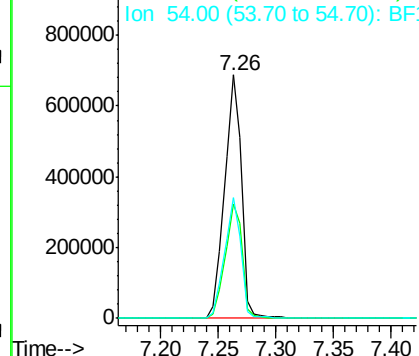
#23
 Nitrobenzene-d5
 Concen: 73.760 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BF121408.D
 Acq: 24 Aug 2020 19:57

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-AMENDED-DISCRETE-005

Tot Ion	82	Resp	697439
Ion Ratio	Lower	Upper	
82	100		
128	46.8	37.9	56.9
54	49.7	39.0	58.4

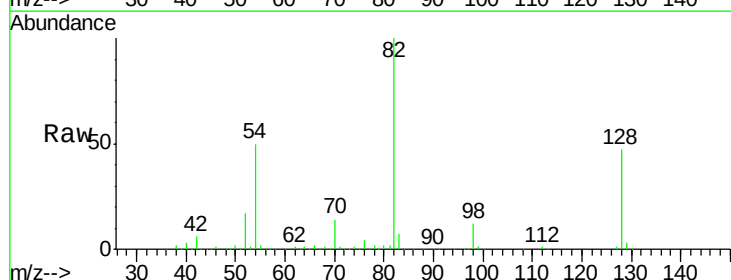


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

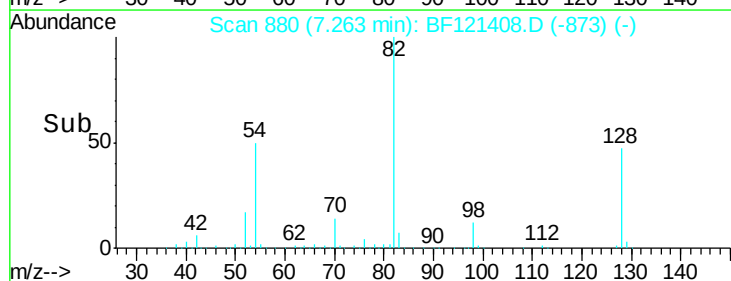
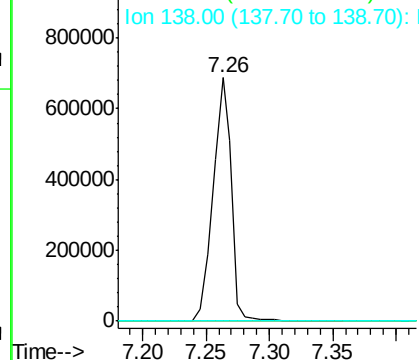


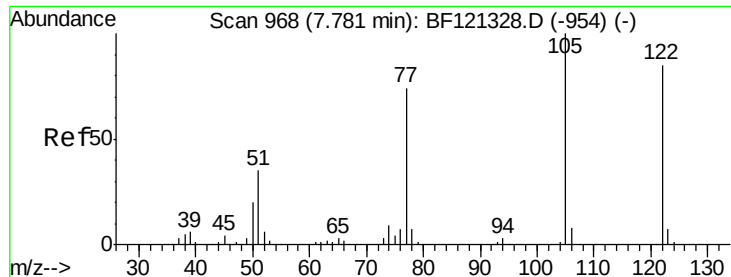
#25
 Isophorone
 Concen: 40.063 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.26 min
 Lab File: BF121408.D
 Acq: 24 Aug 2020 19:57

Tgt Ion	82	Resp	689395
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	14.6	21.8#



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

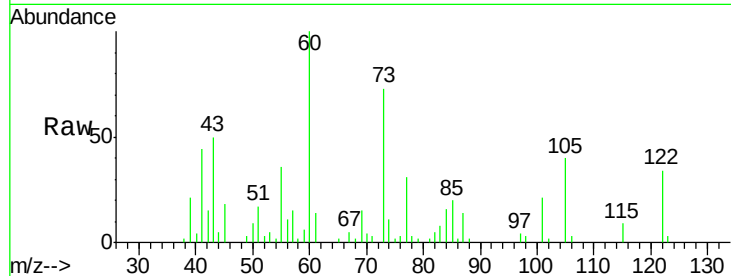




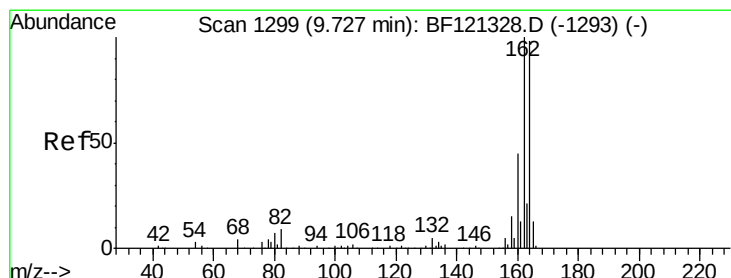
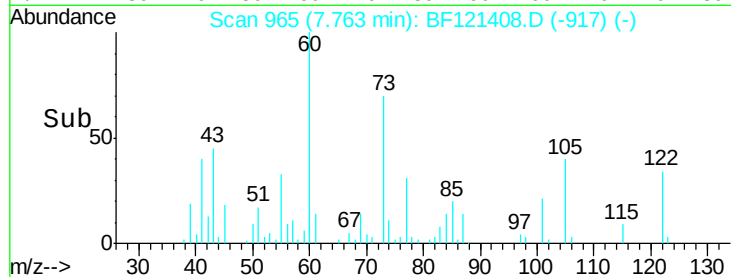
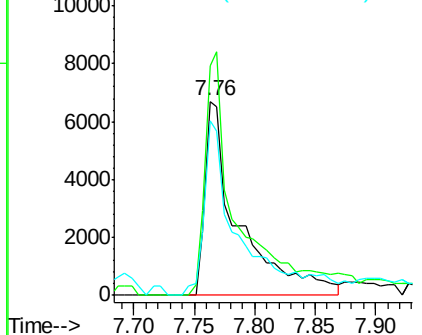
#32
Benzoic acid
Concen: 9.071 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF121408.D
Acq: 24 Aug 2020 19:57

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Tot Ion:122 Resp: 12965
Ion Ratio Lower Upper
122 100
105 118.4 96.7 136.7
77 89.8 66.7 106.7

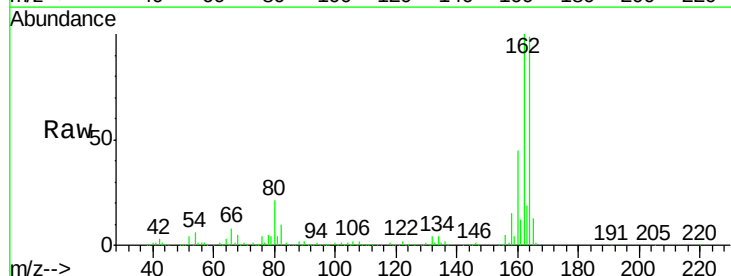


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

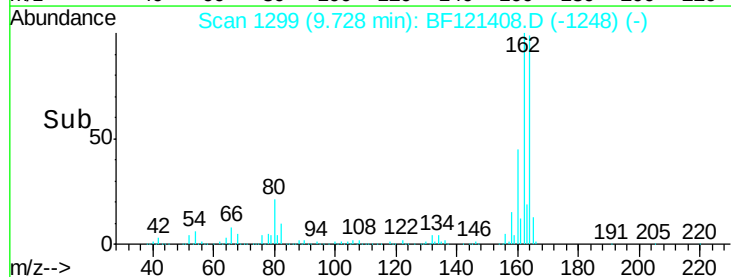
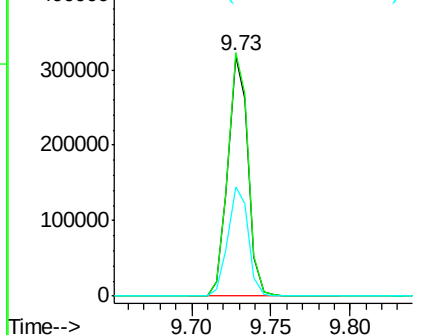


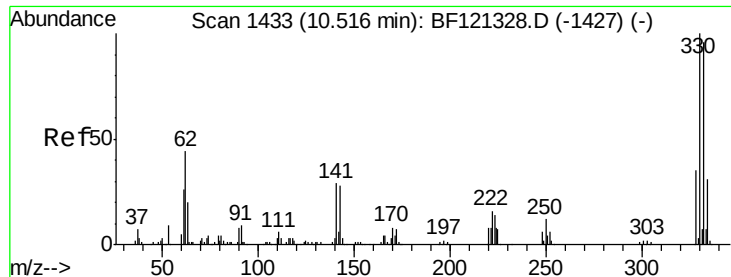
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF121408.D
Acq: 24 Aug 2020 19:57

Tgt Ion:164 Resp: 280772
Ion Ratio Lower Upper
164 100
162 101.3 81.7 122.5
160 45.6 37.0 55.4



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

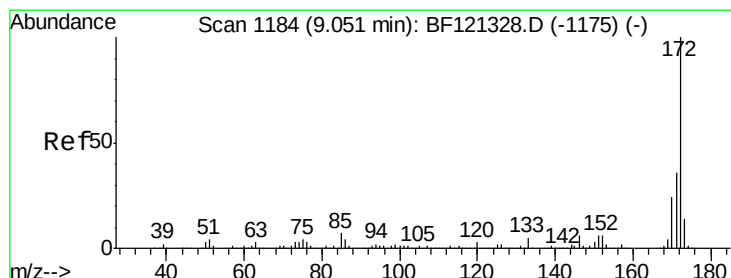
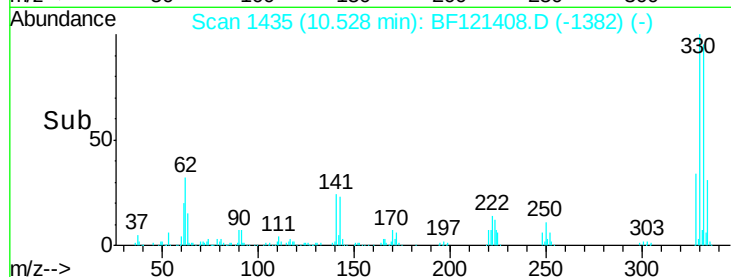
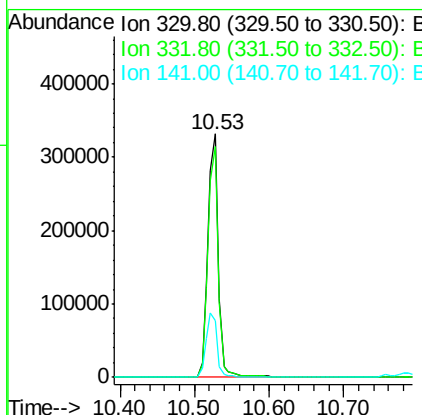
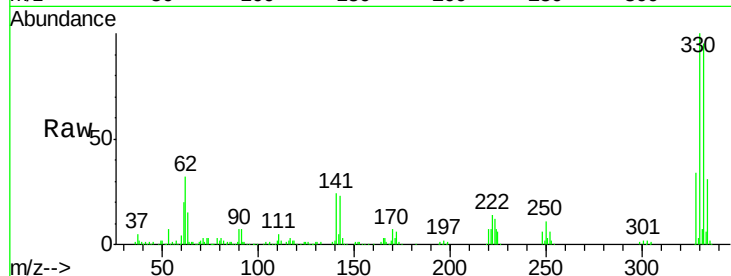




#42
 2,4,6-Tribromophenol
 Concen: 99.951 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BF121408.D
 Acq: 24 Aug 2020 19:57

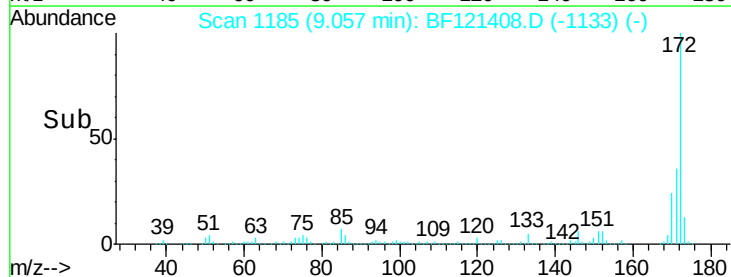
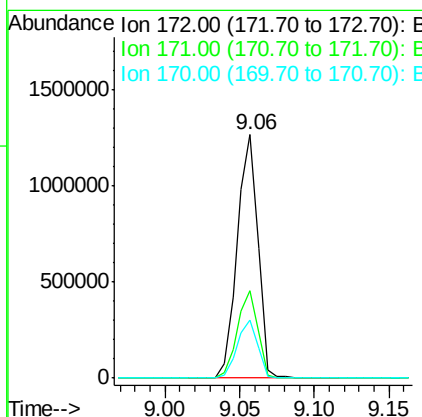
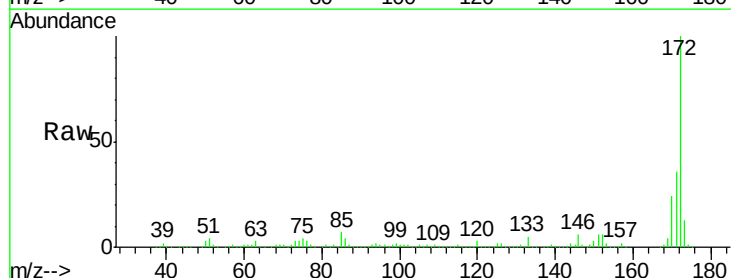
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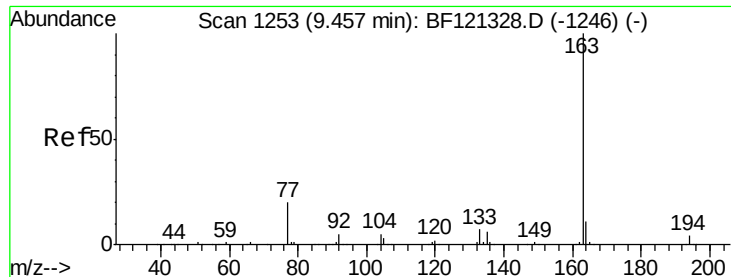
Tot Ion:330 Resp: 327026
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.9 115.3
 141 28.2 22.8 34.2



#45
 2-Fluorobiphenyl
 Concen: 84.437 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF121408.D
 Acq: 24 Aug 2020 19:57

Tgt Ion:172 Resp: 1236215
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.0 19.4 29.2





#50

Dimethylphthalate

Concen: 10.297 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF121408.D

Acq: 24 Aug 2020 19:57

Instrument :

BNA_F

ClientSampleId :

SPLP-AMENDED-DISCRETE-005

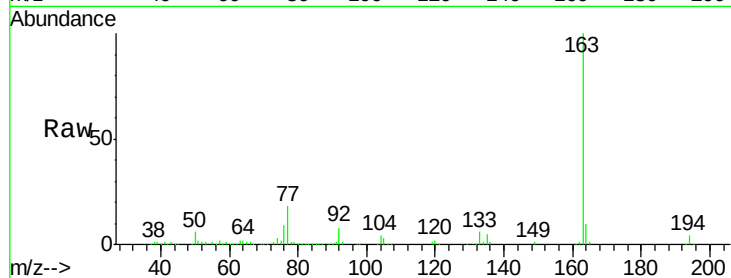
Tot Ion:163 Resp: 210343

Ion Ratio Lower Upper

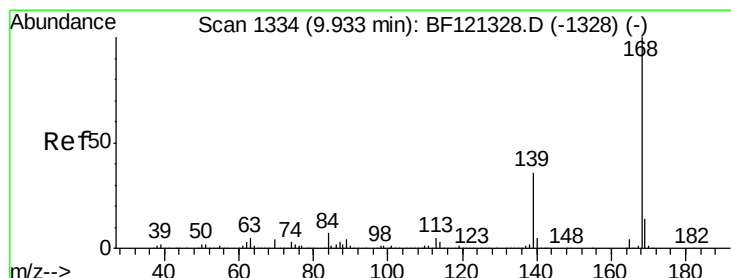
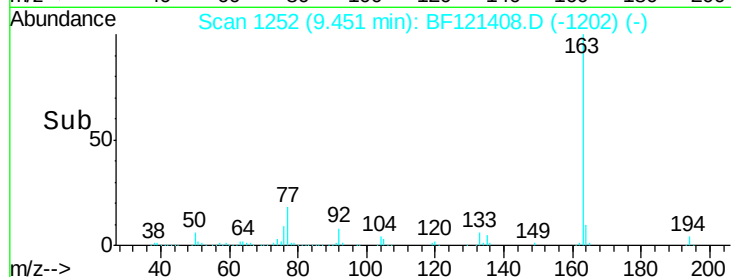
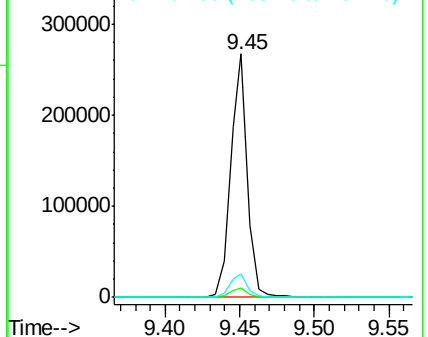
163 100

194 3.7 3.0 4.6

164 9.7 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



#55

Dibenzofuran

Concen: Below Cal

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF121408.D

Acq: 24 Aug 2020 19:57

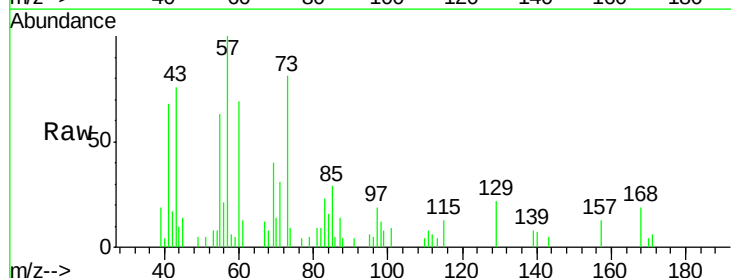
Tgt Ion:168 Resp: 1378

Ion Ratio Lower Upper

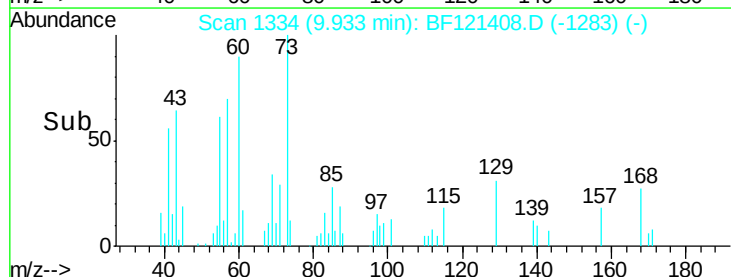
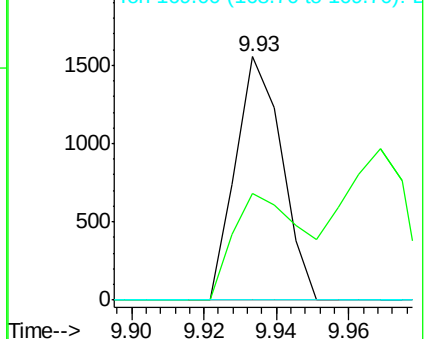
168 100

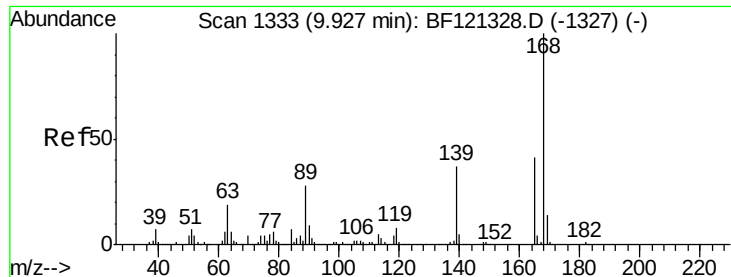
139 44.1 29.1 43.7#

169 0.0 11.0 16.6#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

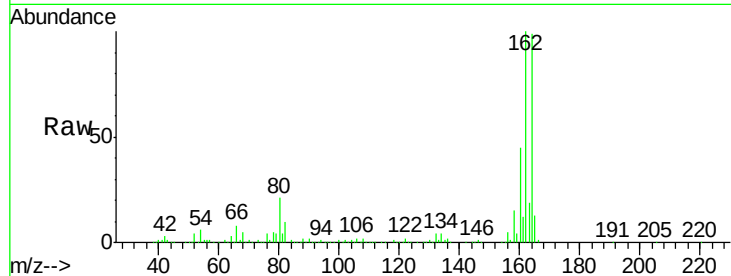




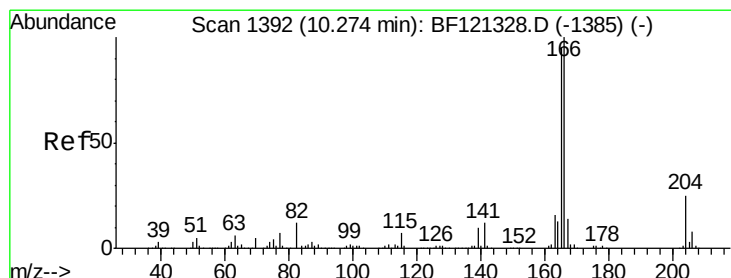
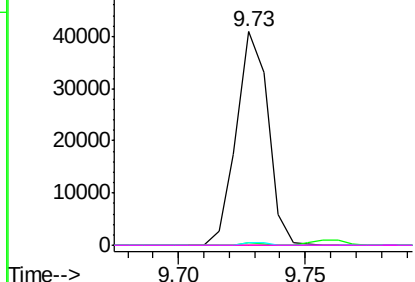
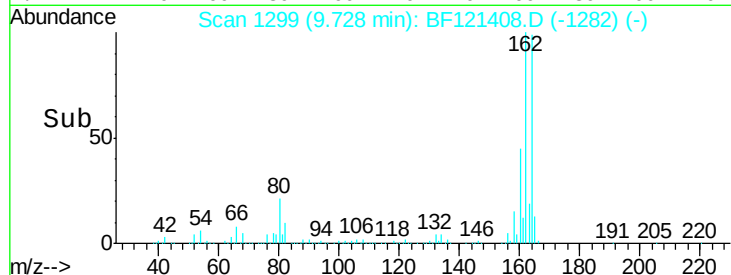
#57
 2,4-Dinitrotoluene
 Concen: 6.686 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.20 min
 Lab File: BF121408.D
 Acq: 24 Aug 2020 19:57

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-AMENDED-DISCRETE-005

Tot Ion:165 Resp: 35583
 Ion Ratio Lower Upper
 165 100
 63 1.4 37.5 56.3#
 89 1.4 54.2 81.4#
 182 0.0 2.2 3.4#

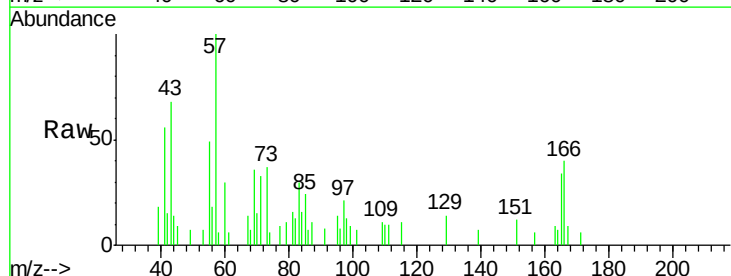


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

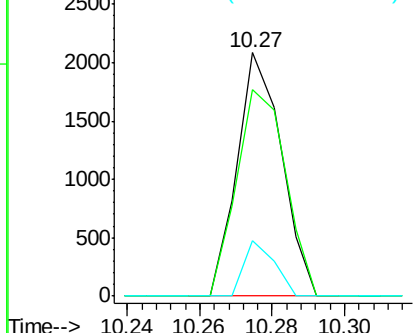
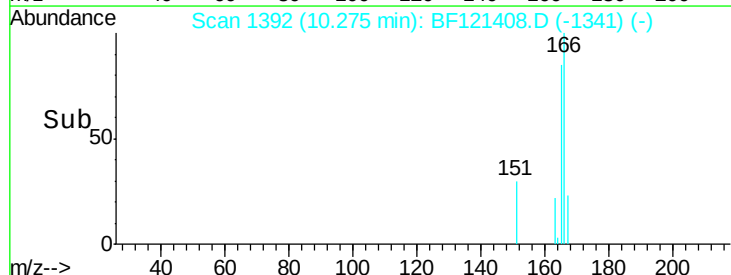


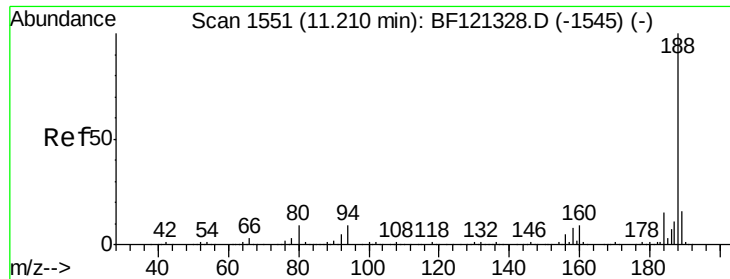
#58
 Fluorene
 Concen: Below Cal
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF121408.D
 Acq: 24 Aug 2020 19:57

Tgt Ion:166 Resp: 1772
 Ion Ratio Lower Upper
 166 100
 165 84.9 75.8 113.8
 167 22.6 11.0 16.4#



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF121408.D

Acq: 24 Aug 2020 19:57

Instrument :

BNA_F

ClientSampleId :

SPLP-AMENDED-DISCRETE-005

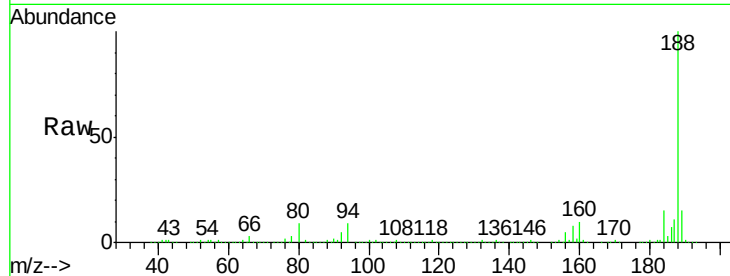
Tot Ion:188 Resp: 570723

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

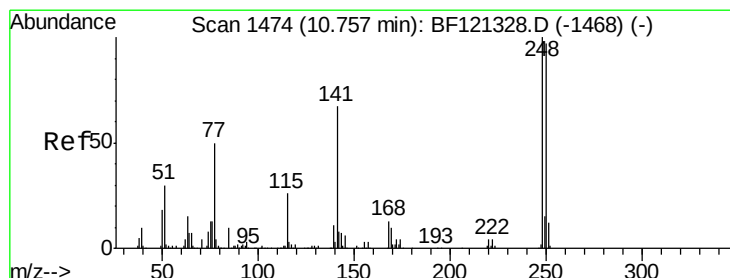
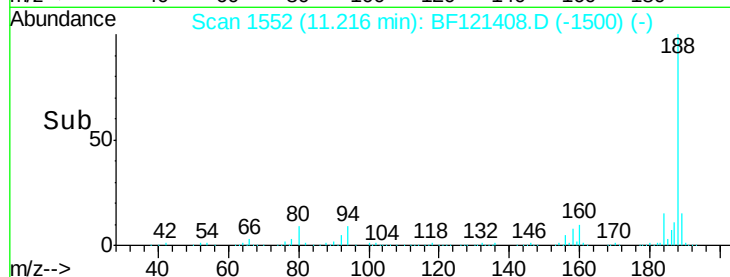
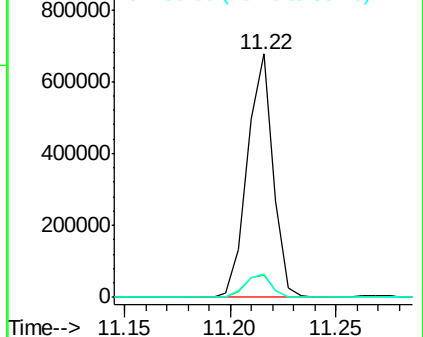
80 9.5 7.4 11.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 2.914 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.23 min

Lab File: BF121408.D

Acq: 24 Aug 2020 19:57

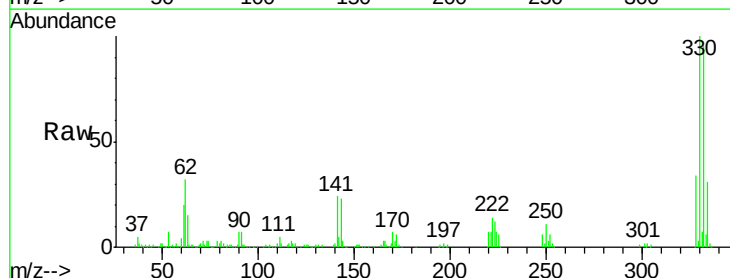
Tgt Ion:248 Resp: 18447

Ion Ratio Lower Upper

248 100

250 195.4 77.9 116.9#

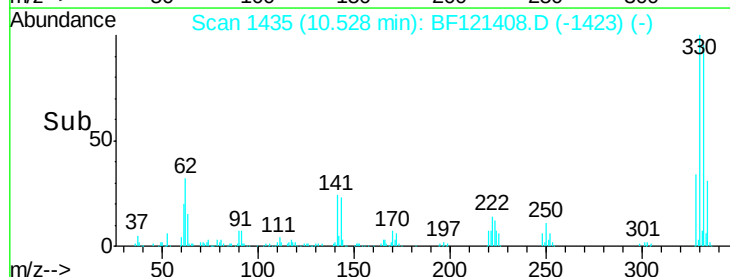
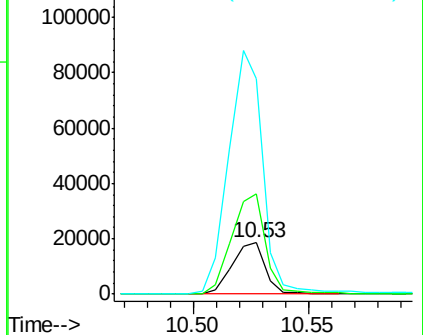
141 422.7 53.5 80.3#

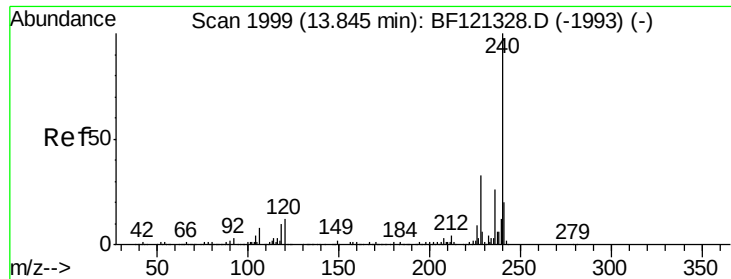


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

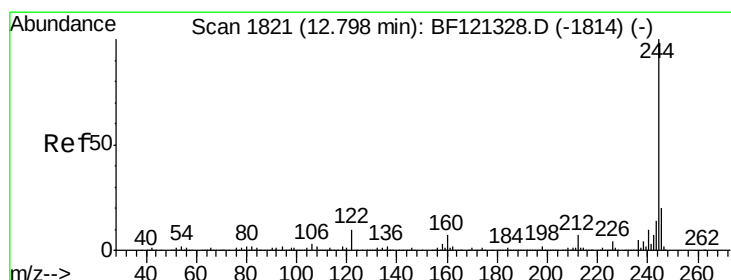
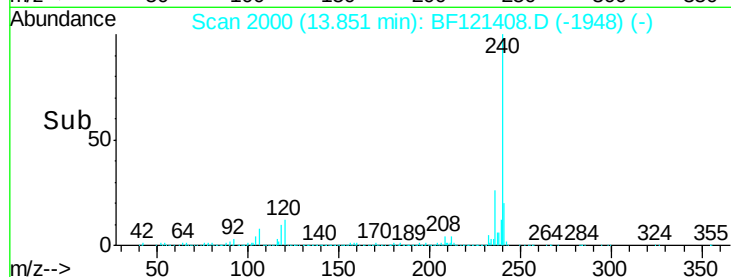
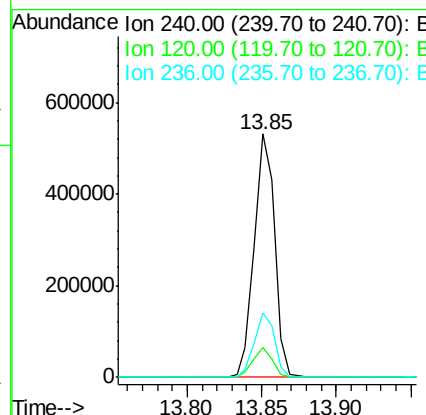
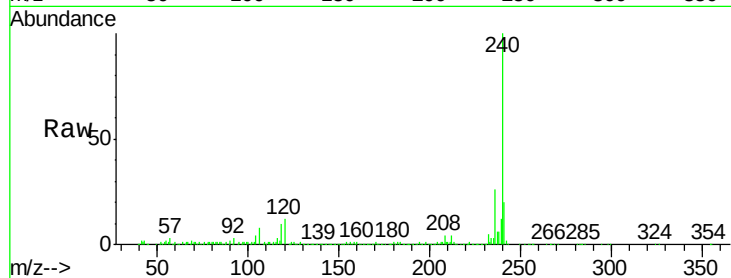




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.01 min
 Lab File: BF121408.D
 Acq: 24 Aug 2020 19:57

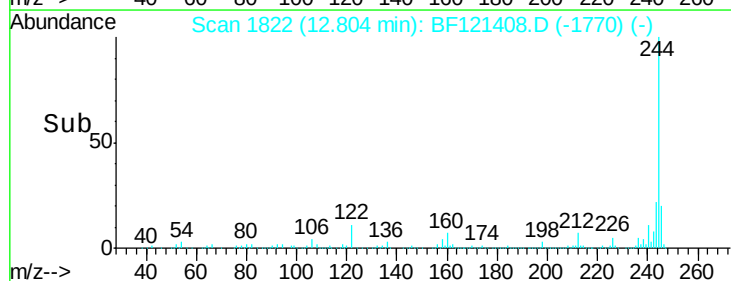
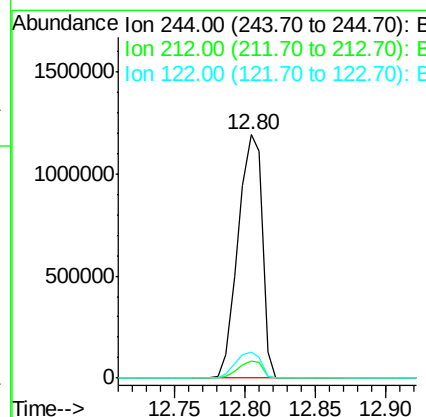
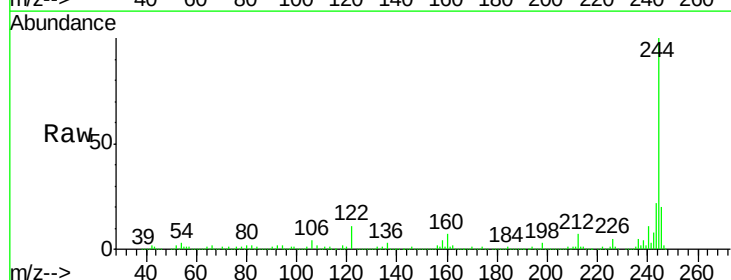
Instrument :
 BNA_F
 ClientSampleId :
 SPLP-AMENDED-DISCRETE-005

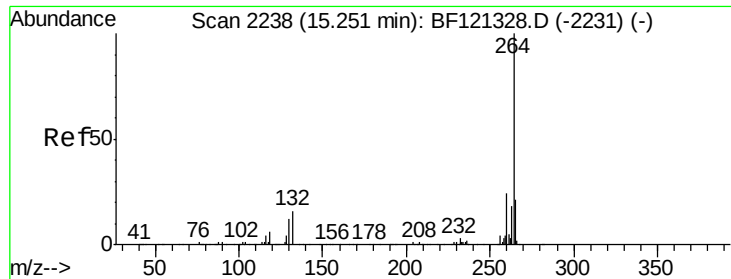
Tot Ion:240 Resp: 499072
 Ion Ratio Lower Upper
 240 100
 120 12.0 9.6 14.4
 236 26.3 20.6 31.0



#79
 Terphenyl-d14
 Concen: 55.422 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: BF121408.D
 Acq: 24 Aug 2020 19:57

Tgt Ion:244 Resp: 1415435
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 10.6 7.8 11.8

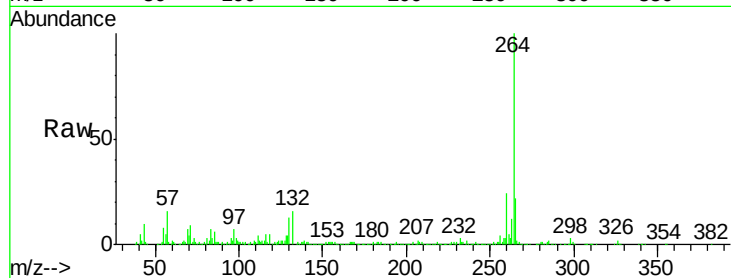




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. 0.02 min
 Lab File: BF121408.D
 Acq: 24 Aug 2020 19:57

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-AMENDED-DISCRETE-005

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.9	19.5	29.3	
265	21.7	17.1	25.7	



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

