

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120834.D
 Acq On : 10 Jul 2020 16:38
 Operator : JU/CG
 Sample : L3258-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20200414-1

Quant Time: Jul 10 17:03:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

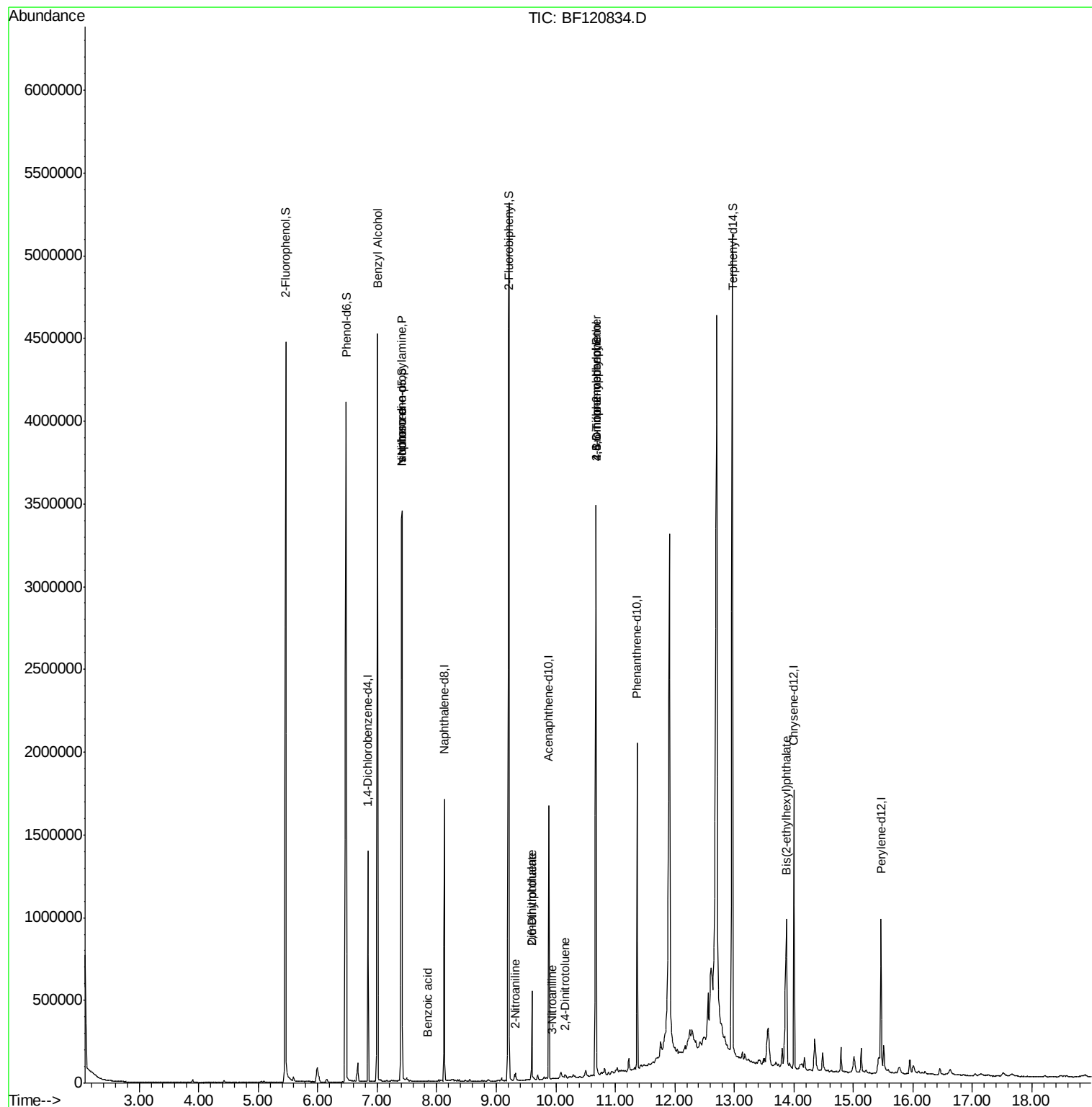
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	176324	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	654642	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	341195	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	641325	20.00	ng	0.00
76) Chrysene-d12	14.00	240	506984	20.00	ng	0.00
86) Perylene-d12	15.46	264	386729	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1625631	142.32	ng	0.00
7) Phenol-d6	6.48	99	2119895	145.33	ng	0.00
23) Nitrobenzene-d5	7.42	82	1403494	124.21	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	514167	150.00	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2150766	95.37	ng	0.00
79) Terphenyl-d14	12.97	244	2584942	99.83	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.00	79	22418	2.045	ng	# 49
19) n-Nitroso-di-n-propylamine	7.41	70	189403	21.565	ng	# 76
25) Isophorone	7.42	82	1397620	57.356	ng	# 64
32) Benzoic acid	7.84	122	556	4.298	ng	# 71
48) 2-Nitroaniline	9.32	65	654	2.713	ng	# 5
50) Dimethylphthalate	9.60	163	174417	7.008	ng	# 99
51) 2,6-Dinitrotoluene	9.60	165	1994	2.661	ng	# 2
53) 3-Nitroaniline	9.93	138	1067	2.331	ng	# 1
57) 2,4-Dinitrotoluene	10.16	165	1923	3.367	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.67	198	1274	7.411	ng	# 1
67) 4-Bromophenyl-phenylether	10.67	248	30534	4.104	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.87	149	231513	10.099	ng	# 54

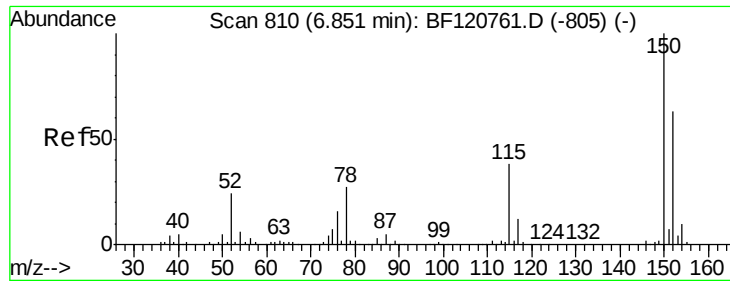
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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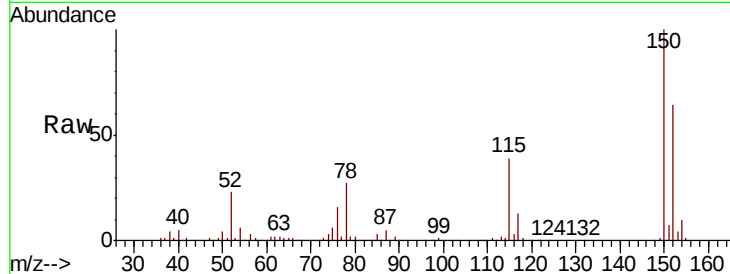


#1

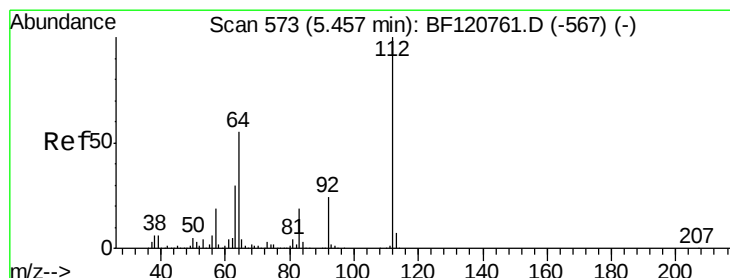
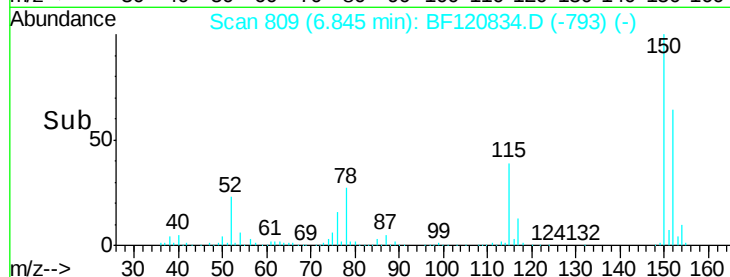
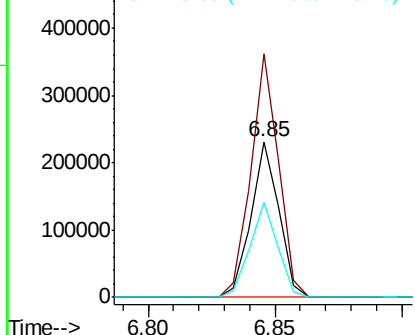
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF120834.D
 Acq: 10 Jul 2020 16:38

Instrument :
 BNA_F
 ClientSampleId :
 20200414-1

Tot Ion:152 Resp: 176324
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.1 189.1
 115 61.2 48.5 72.7



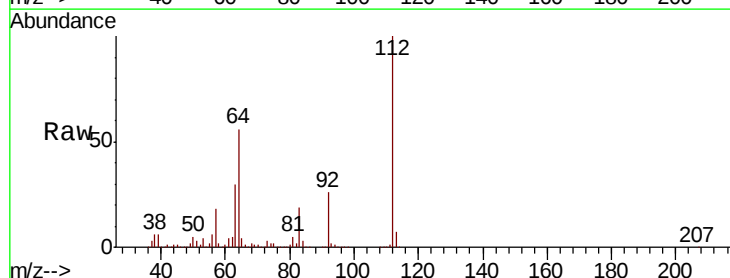
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



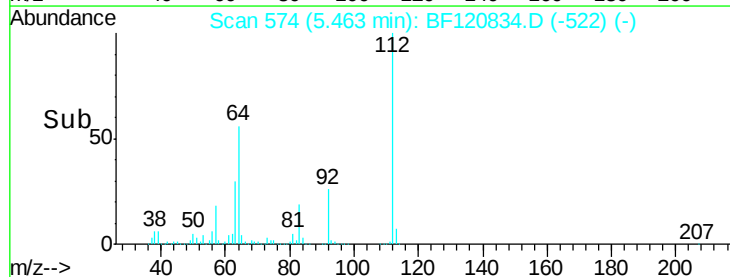
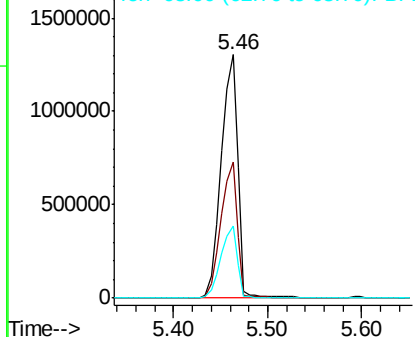
#5

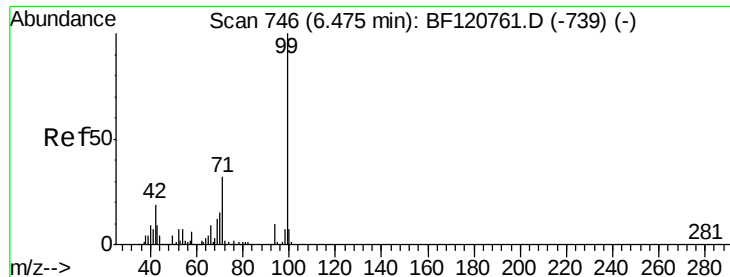
2-Fluorophenol
 Concen: 142.318 ng
 RT: 5.46 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: BF120834.D
 Acq: 10 Jul 2020 16:38

Tgt Ion:112 Resp: 1625631
 Ion Ratio Lower Upper
 112 100
 64 55.9 43.8 65.6
 63 29.7 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: 145.327 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120834.D

Acq: 10 Jul 2020 16:38

Instrument :

BNA_F

ClientSampleId :

20200414-1

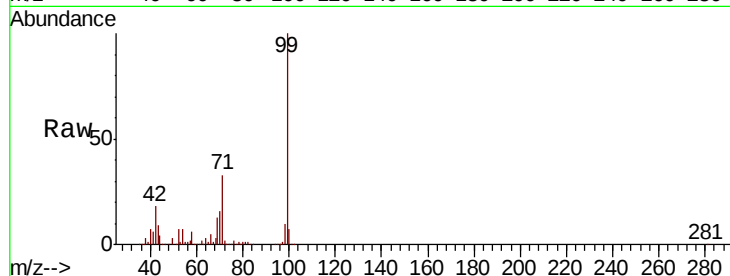
Tot Ion: 99 Resp: 2119895

Ion Ratio Lower Upper

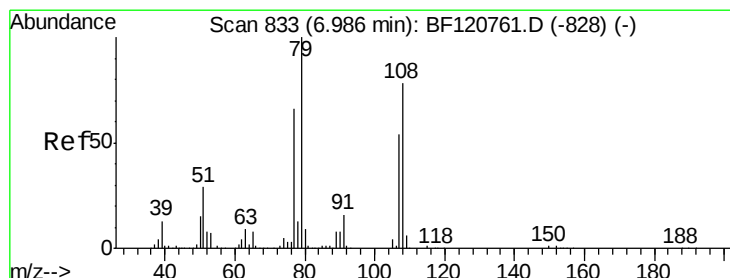
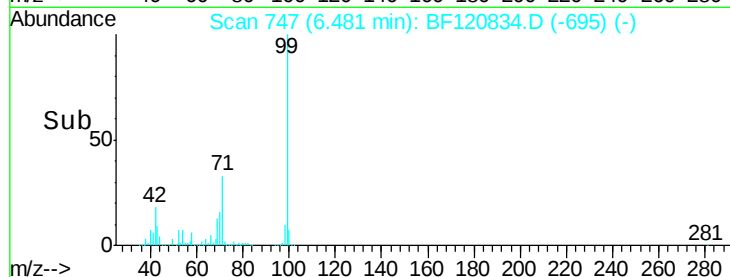
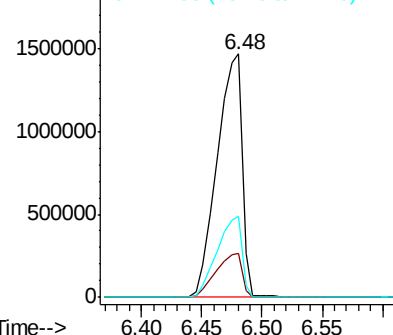
99 100

42 17.8 15.4 23.0

71 33.3 25.9 38.9



Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000 Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#15

Benzyl Alcohol

Concen: 2.045 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.02 min

Lab File: BF120834.D

Acq: 10 Jul 2020 16:38

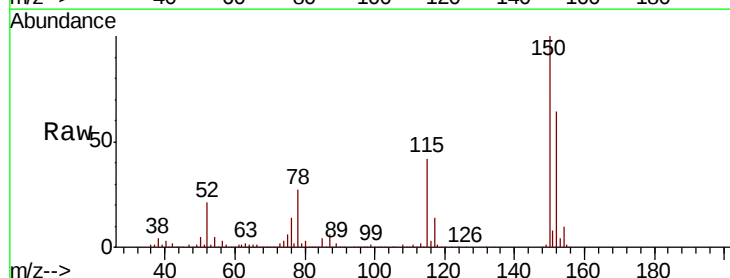
Tgt Ion: 79 Resp: 22418

Ion Ratio Lower Upper

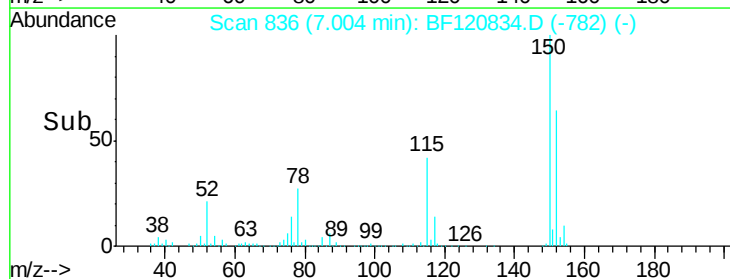
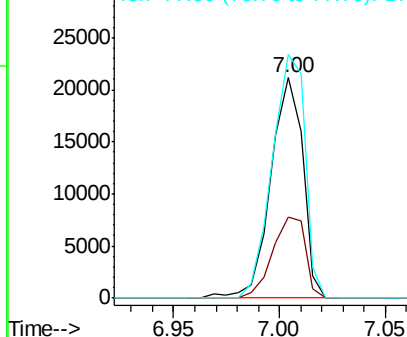
79 100

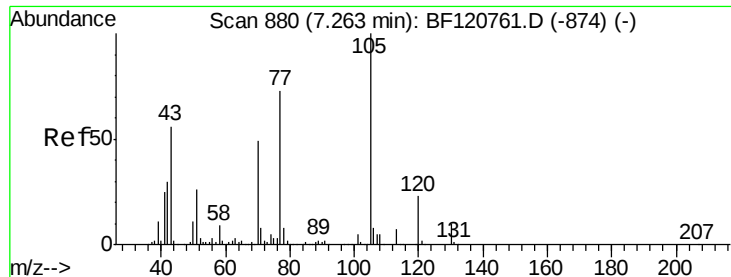
108 37.0 62.4 93.6#

77 110.5 52.7 79.1#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

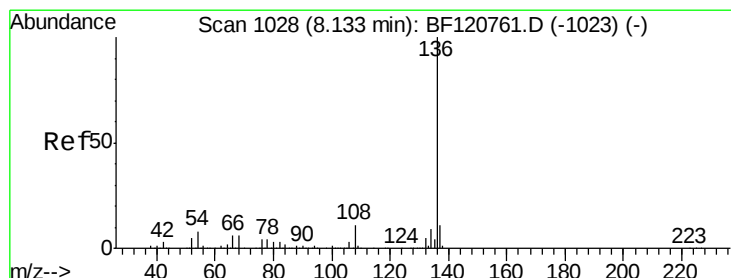
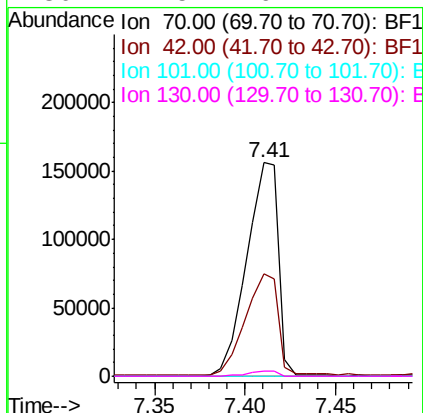
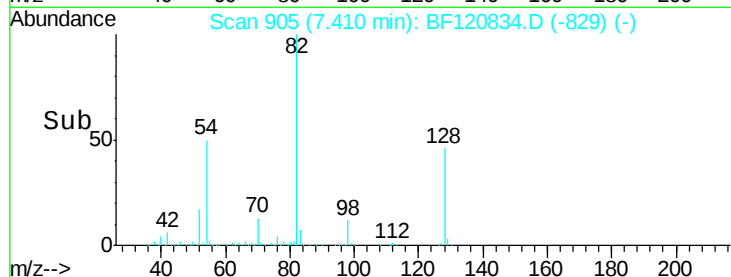
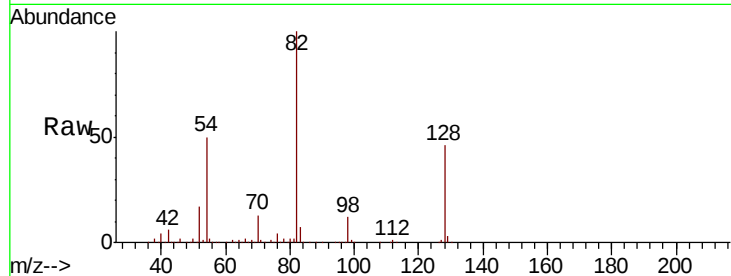




#19
n-Nitroso-di-n-propylamine
Concen: 21.565 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF120834.D
Acq: 10 Jul 2020 16:38

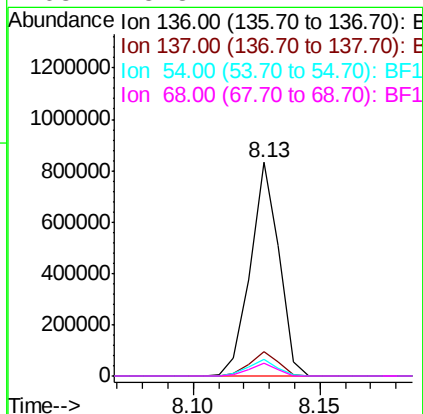
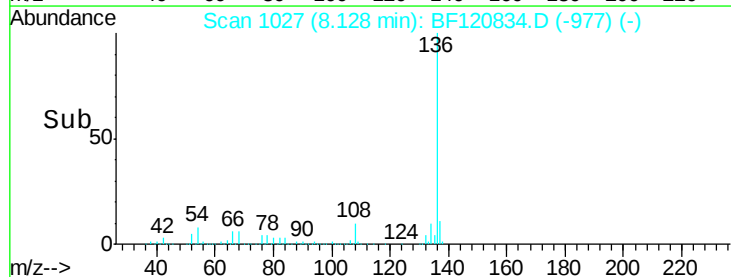
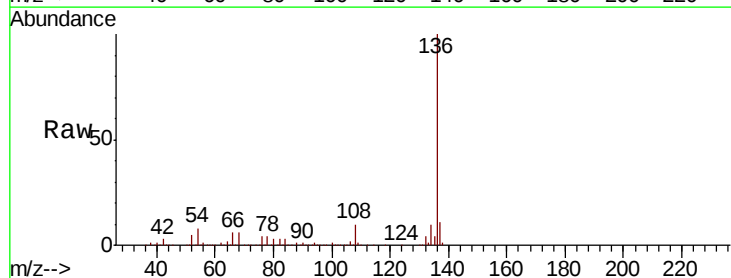
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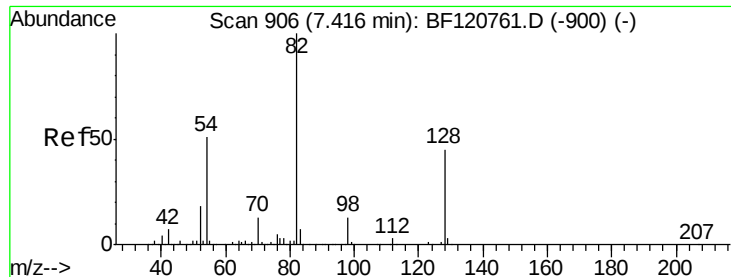
Tot Ion: 70 Resp: 189403
Ion Ratio Lower Upper
70 100
42 48.0 50.3 75.5#
101 0.0 7.5 11.3#
130 2.5 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF120834.D
Acq: 10 Jul 2020 16:38

Tgt Ion: 136 Resp: 654642
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 7.9 6.2 9.4
68 5.8 4.7 7.1

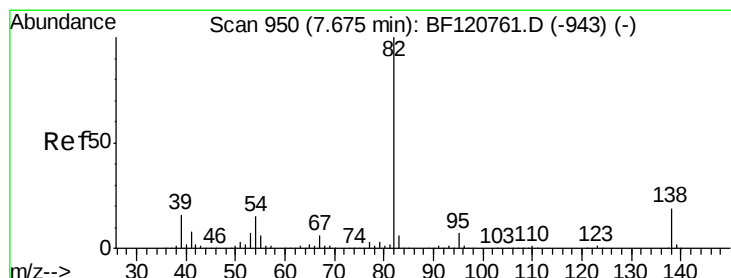
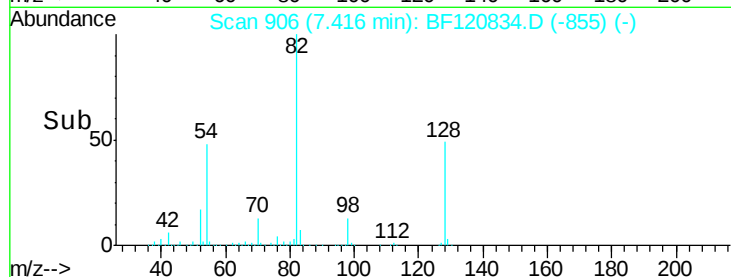
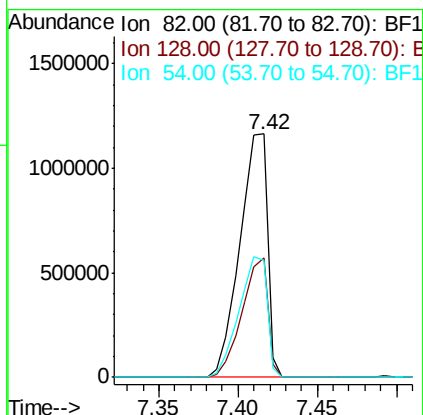
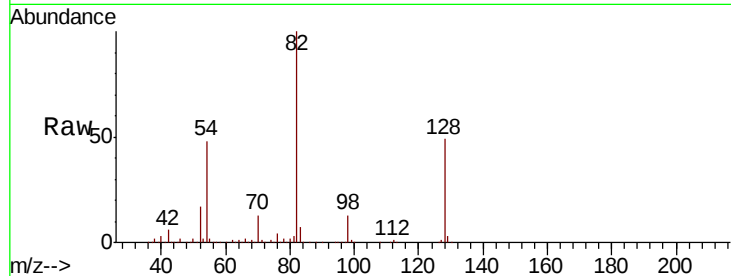




#23
Nitrobenzene-d5
Concen: 124.213 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF120834.D
Acq: 10 Jul 2020 16:38

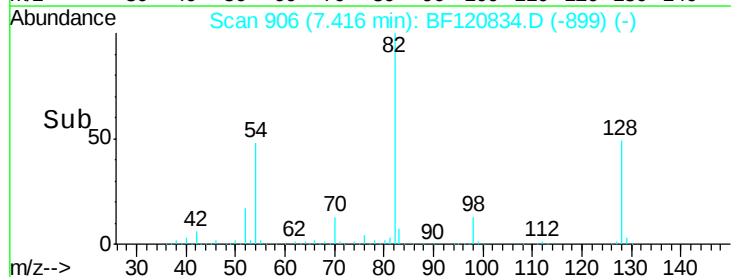
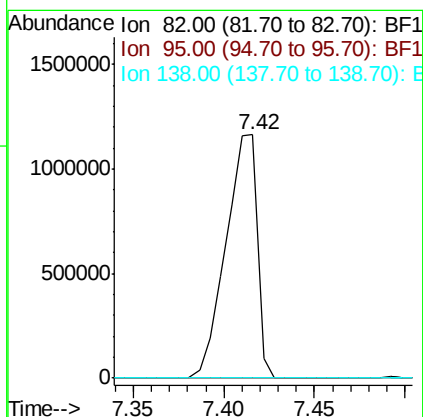
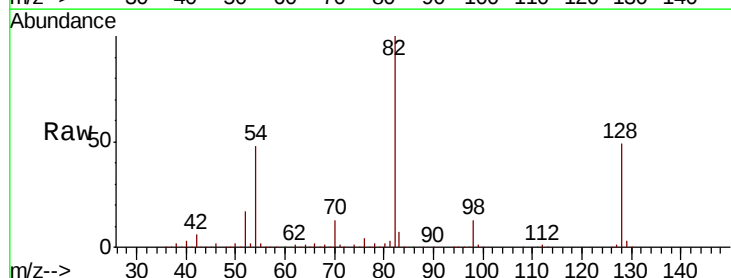
Instrument :
BNA_F
ClientSampleId :
20200414-1

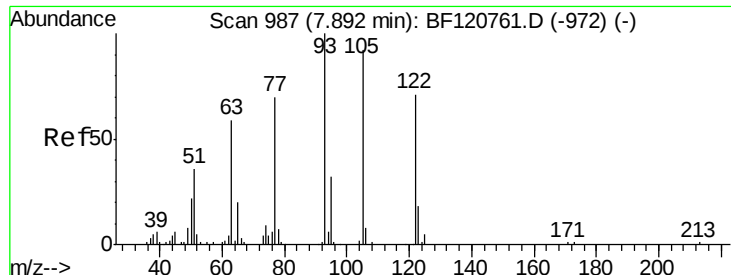
Tot Ion: 82 Resp: 1403494
Ion Ratio Lower Upper
82 100
128 49.2 35.7 53.5
54 47.8 40.9 61.3



#25
Isophorone
Concen: 57.356 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF120834.D
Acq: 10 Jul 2020 16:38

Tgt Ion: 82 Resp: 1397620
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.2#
138 0.0 15.0 22.4#

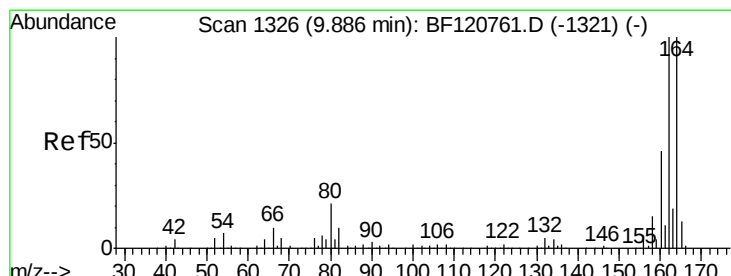
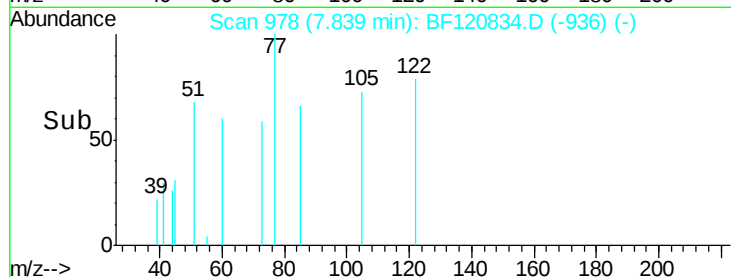
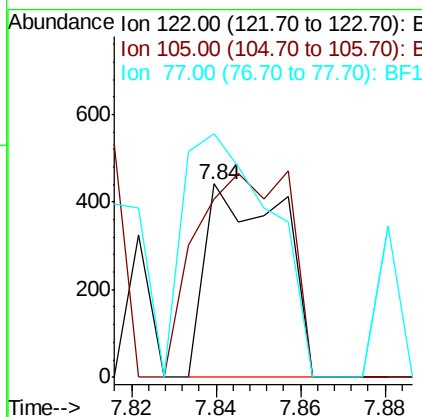
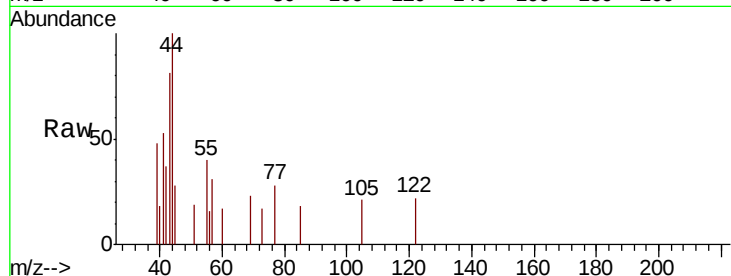




#32
Benzoic acid
Concen: 4.298 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.05 min
Lab File: BF120834.D
Acq: 10 Jul 2020 16:38

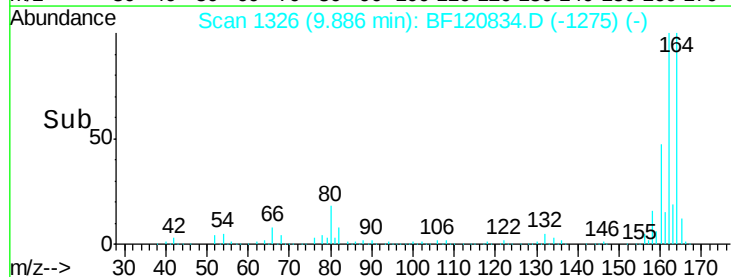
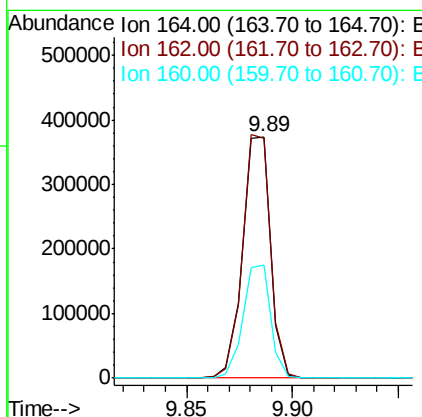
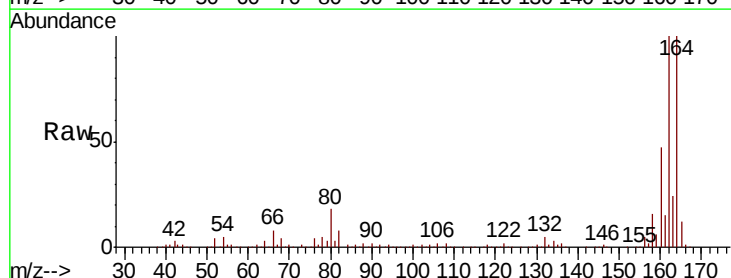
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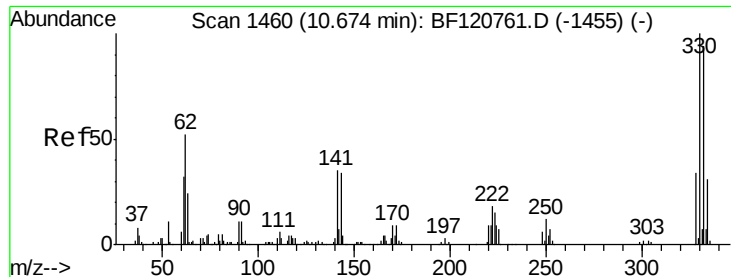
Tot Ion:122 Resp: 556
Ion Ratio Lower Upper
122 100
105 92.5 105.8 145.8#
77 126.1 77.3 117.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120834.D
Acq: 10 Jul 2020 16:38

Tgt Ion:164 Resp: 341195
Ion Ratio Lower Upper
164 100
162 99.7 80.2 120.2
160 46.8 36.9 55.3

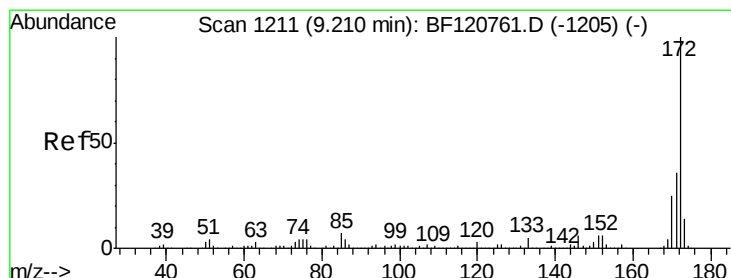
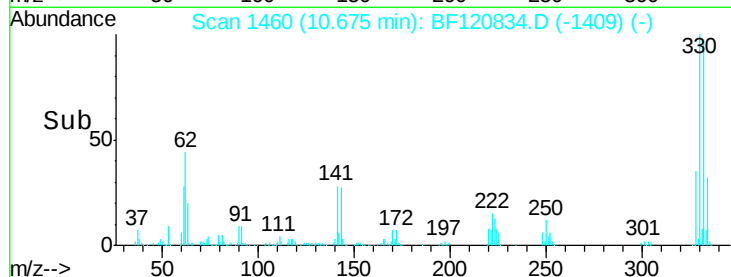
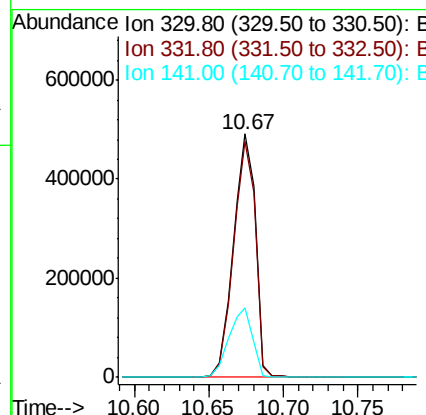
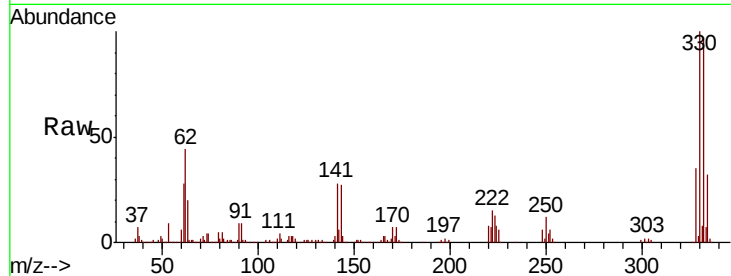




#42
 2,4,6-Tribromophenol
 Concen: 149.999 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF120834.D
 Acq: 10 Jul 2020 16:38

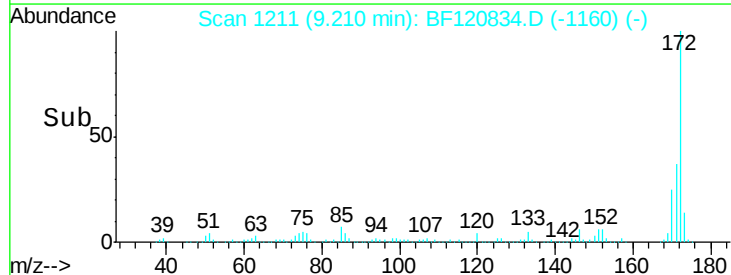
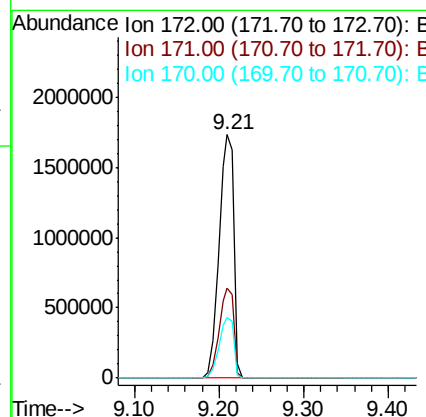
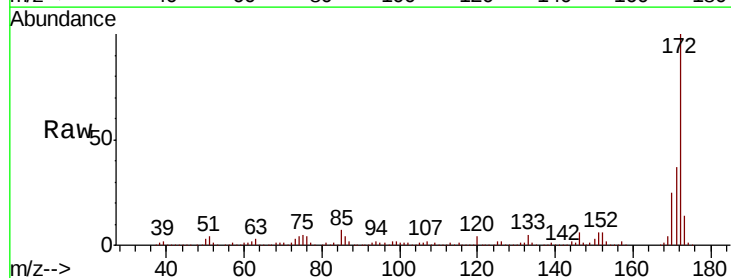
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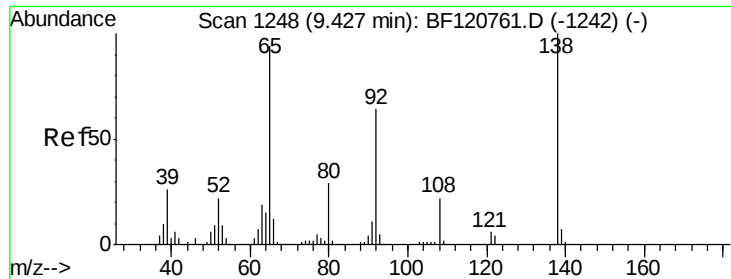
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.8	113.6
141	30.8	29.7	44.5



#45
 2-Fluorobiphenyl
 Concen: 95.370 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF120834.D
 Acq: 10 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.1	43.7
170	24.9	19.8	29.6

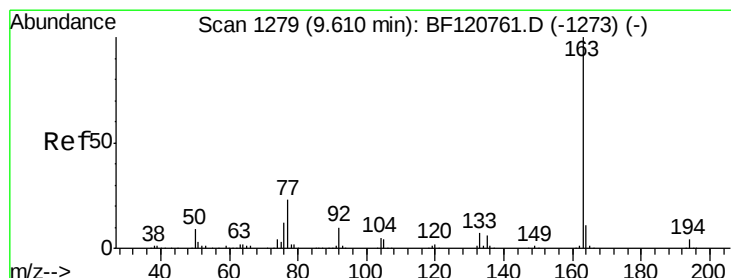
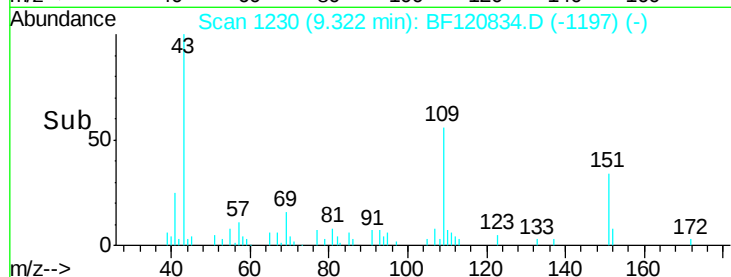
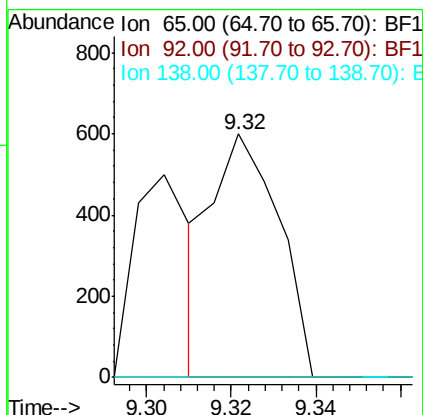
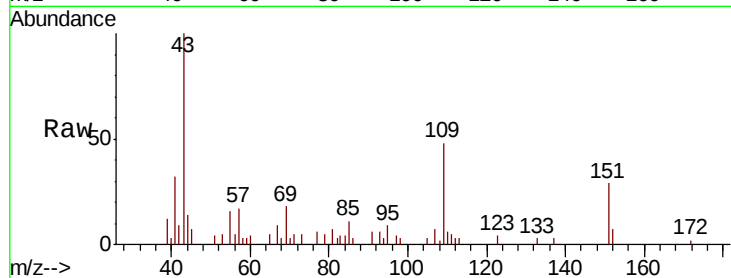




#48
2-Nitroaniline
Concen: 2.713 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.11 min
Lab File: BF120834.D
Acq: 10 Jul 2020 16:38

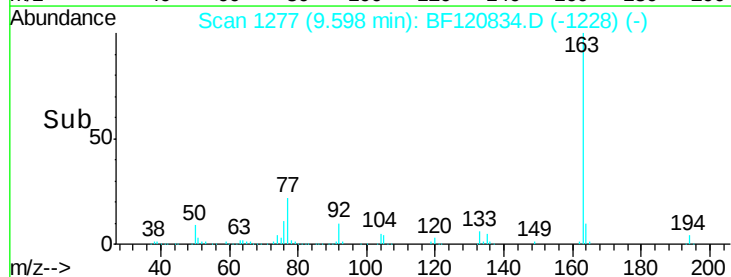
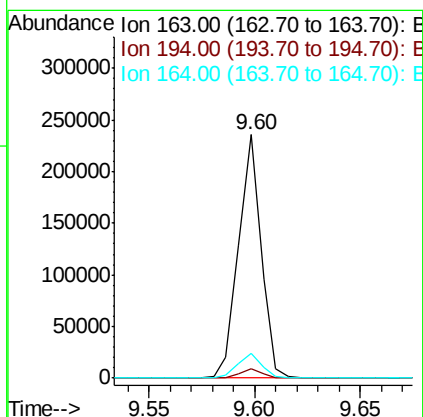
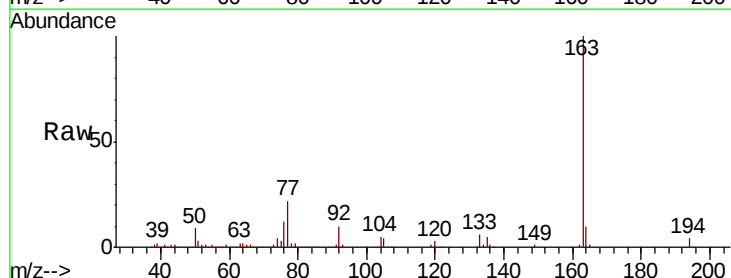
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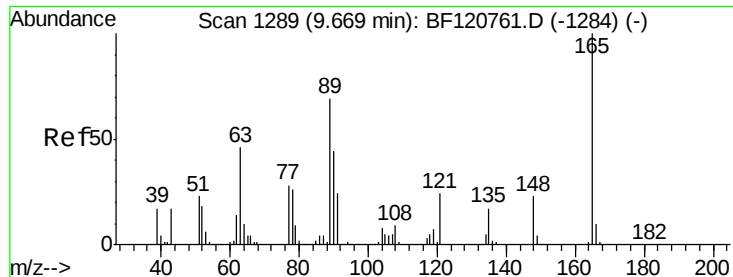
Tot Ion: 65 Resp: 654
Ion Ratio Lower Upper
65 100
92 0.0 54.4 81.6#
138 0.0 84.7 127.1#



#50
Dimethylphthalate
Concen: 7.008 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF120834.D
Acq: 10 Jul 2020 16:38

Tgt Ion:163 Resp: 174417
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 10.4 8.5 12.7

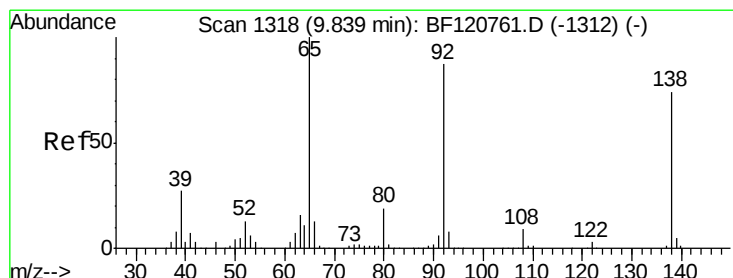
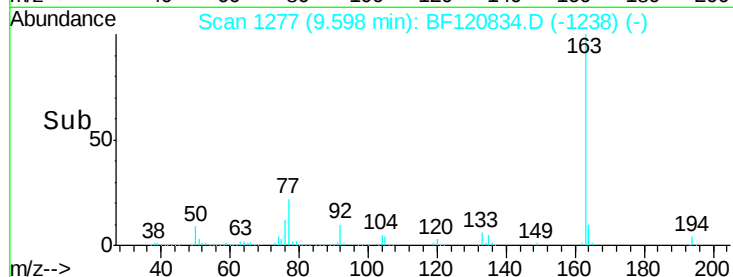
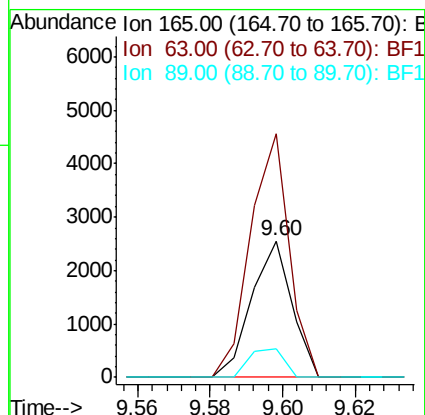
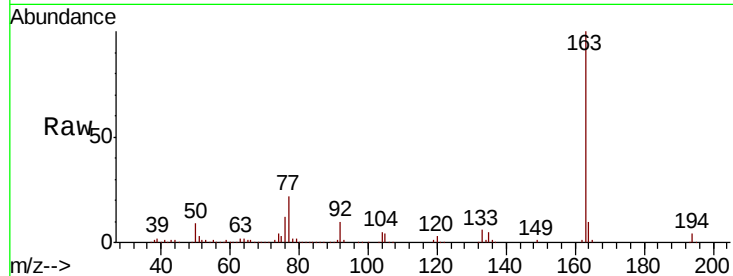




#51
 2,6-Dinitrotoluene
 Concen: 2.661 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.07 min
 Lab File: BF120834.D
 Acq: 10 Jul 2020 16:38

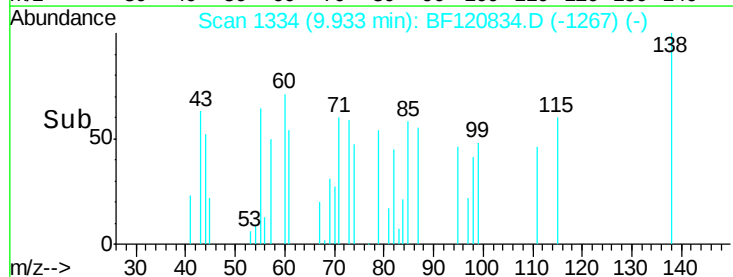
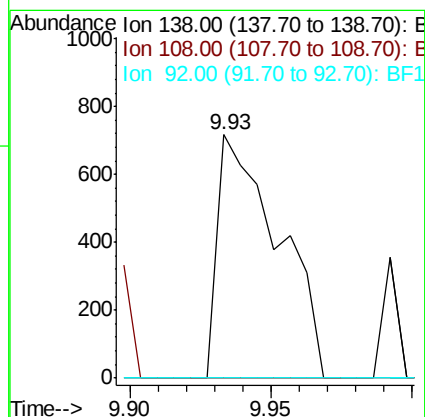
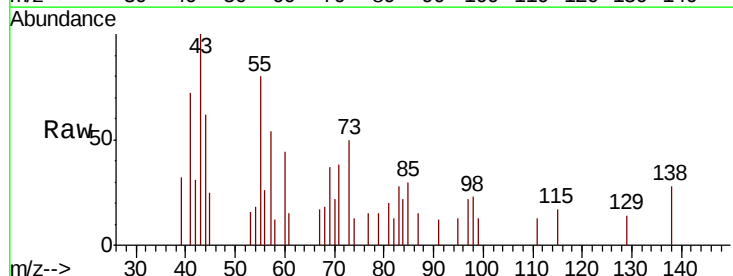
Instrument :
 BNA_F
 ClientSampleId :
 20200414-1

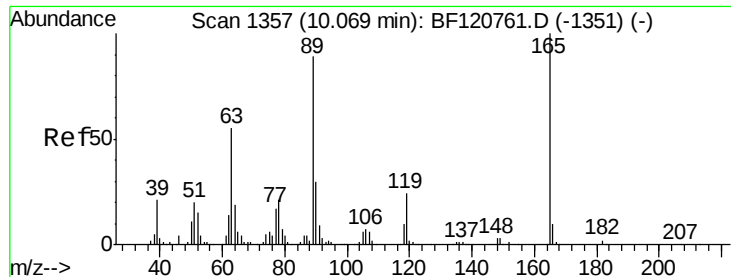
Tot Ion:165 Resp: 1994
 Ion Ratio Lower Upper
 165 100
 63 178.3 54.0 81.0#
 89 20.8 55.4 83.2#



#53
 3-Nitroaniline
 Concen: 2.331 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.09 min
 Lab File: BF120834.D
 Acq: 10 Jul 2020 16:38

Tgt Ion:138 Resp: 1067
 Ion Ratio Lower Upper
 138 100
 108 0.0 9.8 14.6#
 92 0.0 93.4 140.2#

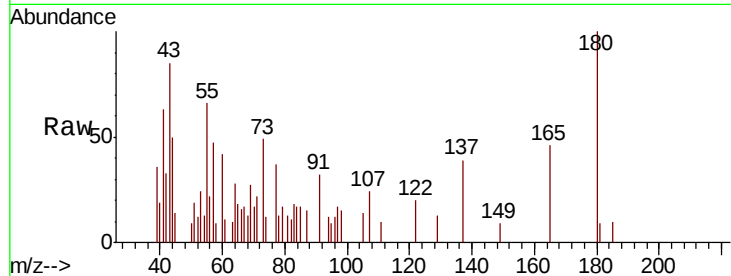




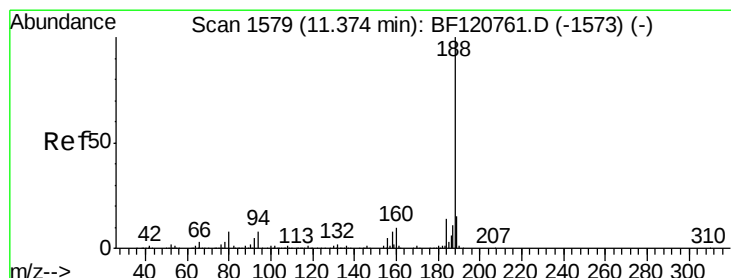
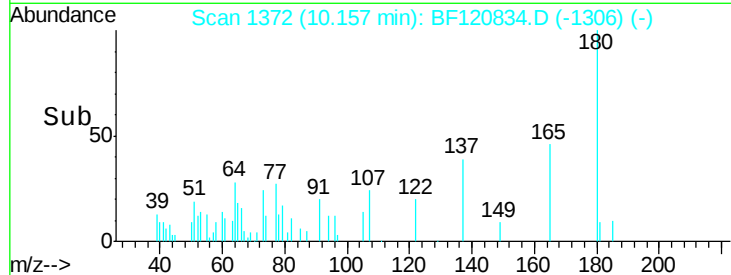
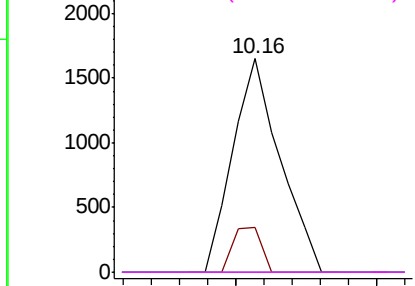
#57
 2,4-Dinitrotoluene
 Concen: 3.367 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. 0.09 min
 Lab File: BF120834.D
 Acq: 10 Jul 2020 16:38

Instrument :
 BNA_F
 ClientSampleId :
 20200414-1

Tot Ion:165 Resp: 1923
 Ion Ratio Lower Upper
 165 100
 63 20.9 43.8 65.8#
 89 0.0 71.4 107.2#
 182 0.0 1.8 2.6#

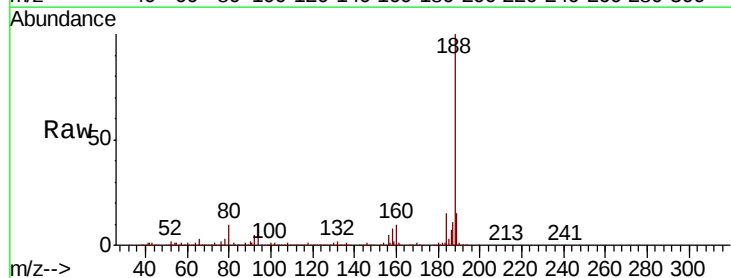


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

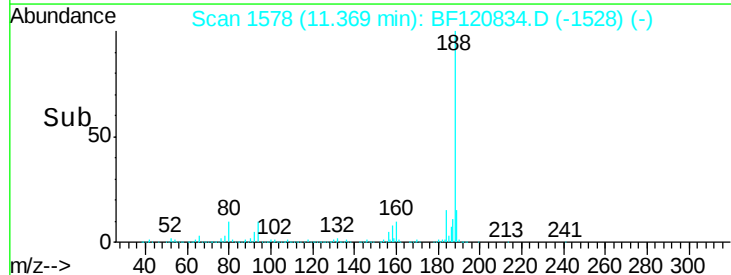
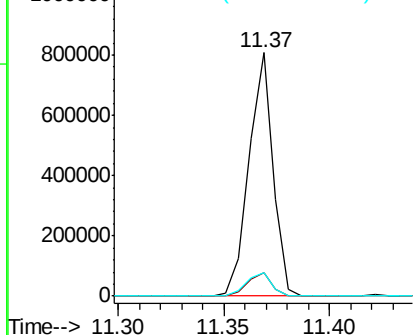


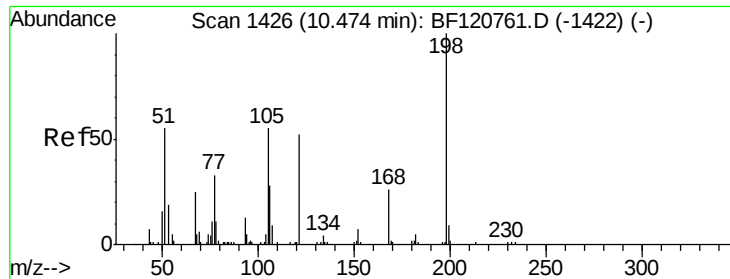
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF120834.D
 Acq: 10 Jul 2020 16:38

Tgt Ion:188 Resp: 641325
 Ion Ratio Lower Upper
 188 100
 94 9.5 6.6 9.8
 80 9.5 6.6 10.0



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





#65

4,6-Dinitro-2-methylphenol

Concen: 7.411 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.19 min

Lab File: BF120834.D

Acq: 10 Jul 2020 16:38

Instrument :

BNA_F

ClientSampleId :

20200414-1

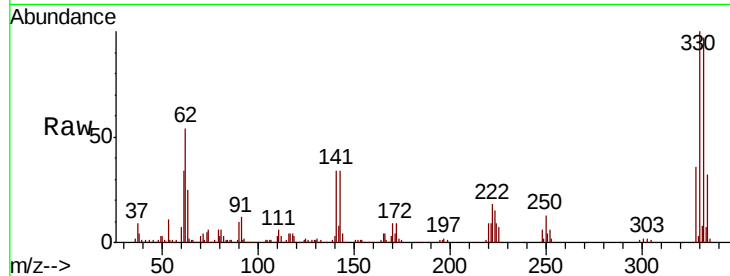
Tot Ion:198 Resp: 1274

Ion Ratio Lower Upper

198 100

51 187.3 50.0 90.0#

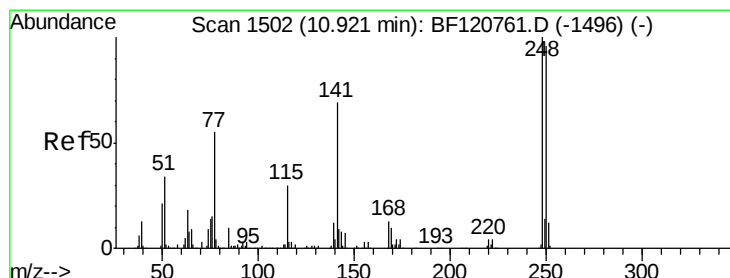
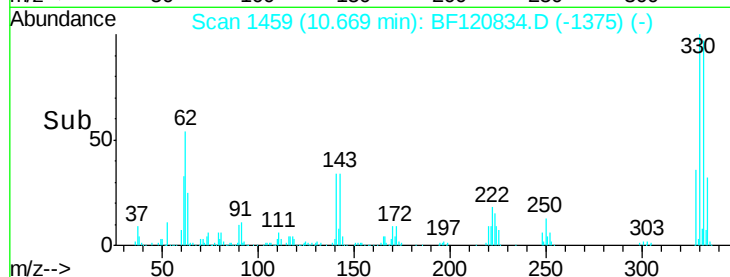
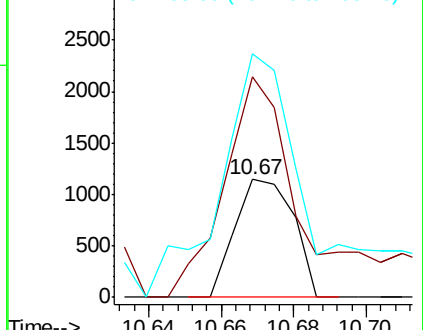
105 206.6 38.3 78.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 4.104 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.25 min

Lab File: BF120834.D

Acq: 10 Jul 2020 16:38

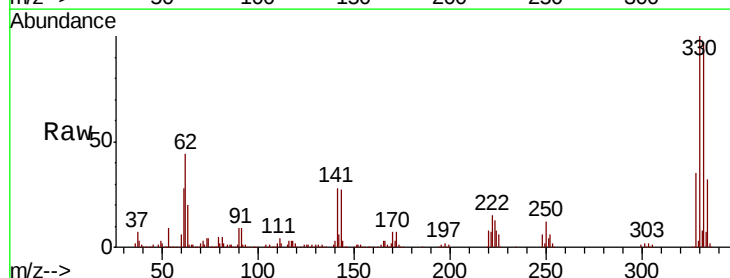
Tgt Ion:248 Resp: 30534

Ion Ratio Lower Upper

248 100

250 199.3 76.5 114.7#

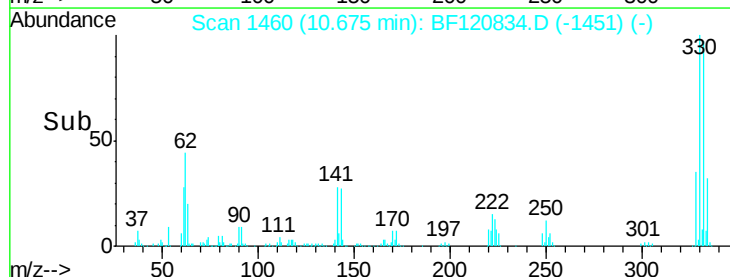
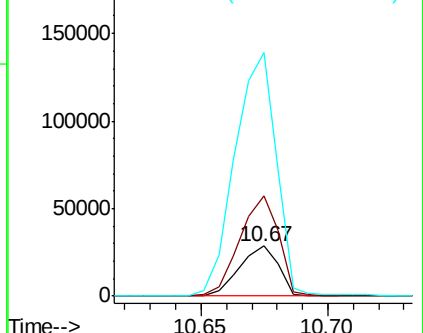
141 486.9 54.9 82.3#

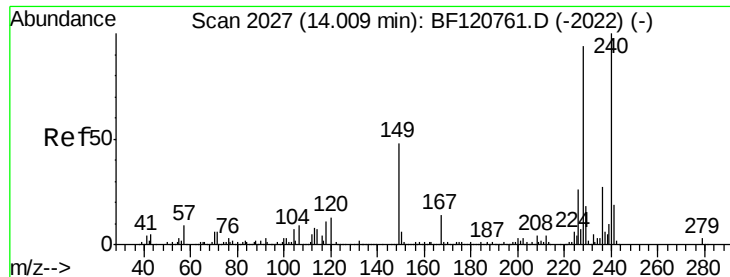


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

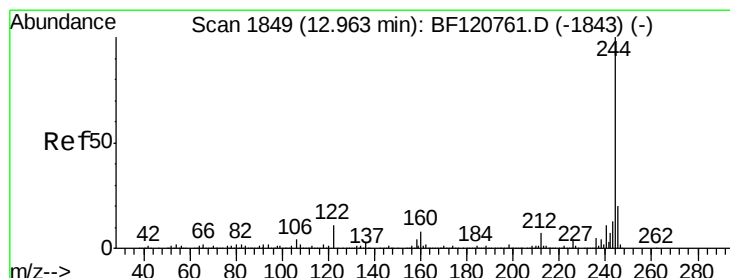
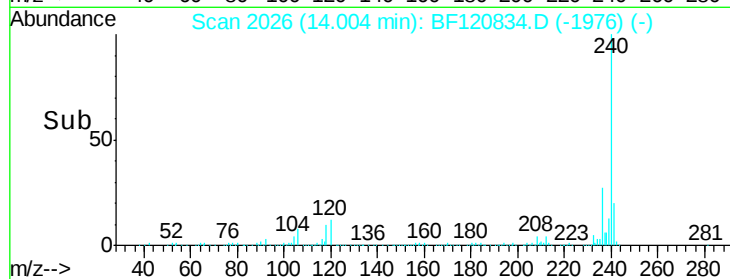
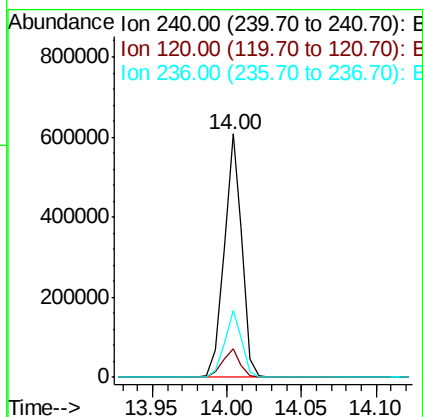
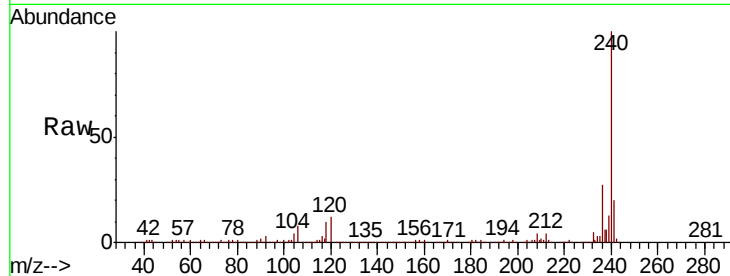




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF120834.D
 Acq: 10 Jul 2020 16:38

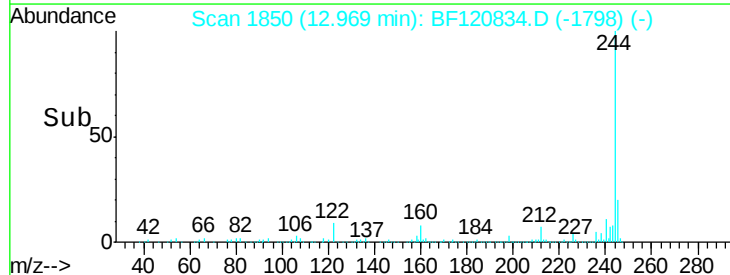
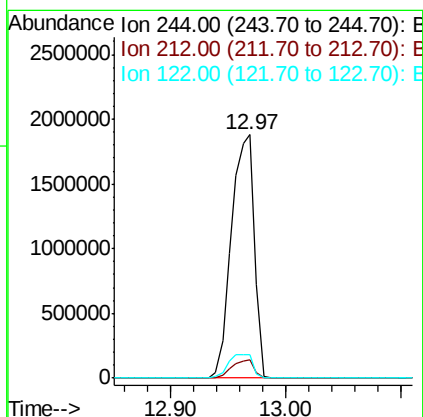
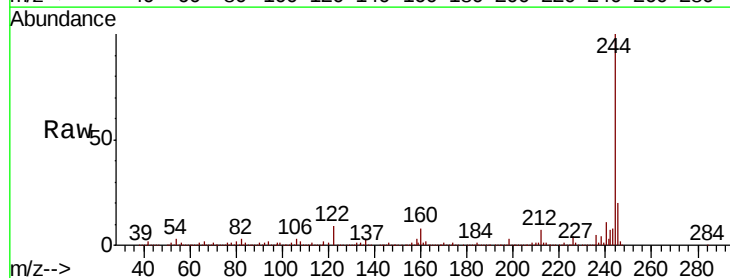
Instrument :
 BNA_F
 ClientSampleId :
 20200414-1

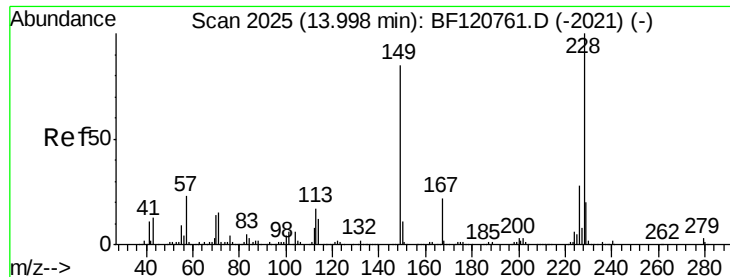
Tot Ion:240 Resp: 506984
 Ion Ratio Lower Upper
 240 100
 120 11.7 10.3 15.5
 236 27.5 21.4 32.2



#79
 Terphenyl-d14
 Concen: 99.826 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.01 min
 Lab File: BF120834.D
 Acq: 10 Jul 2020 16:38

Tgt Ion:244 Resp: 2584942
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.6 8.4
 122 9.5 9.0 13.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 10.099 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.12 min

Lab File: BF120834.D

Acq: 10 Jul 2020 16:38

Instrument :

BNA_F

ClientSampleId :

20200414-1

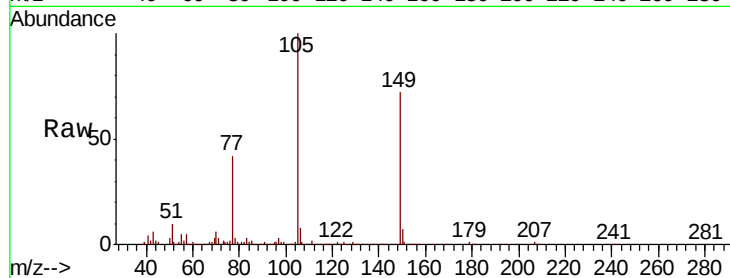
Tot Ion:149 Resp: 231513

Ion Ratio Lower Upper

149 100

167 0.2 20.9 31.3#

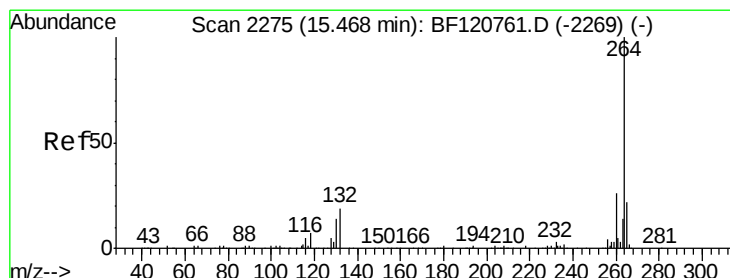
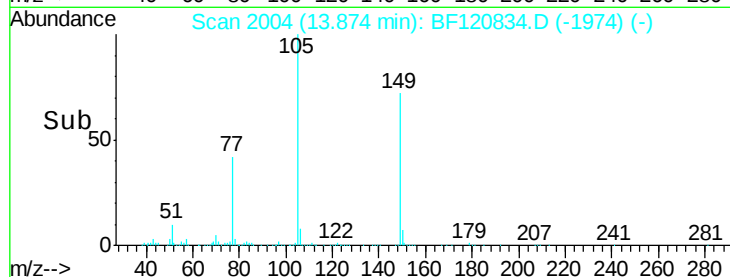
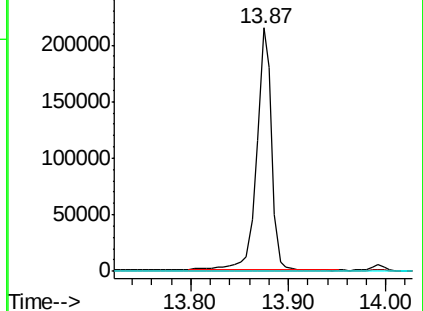
279 0.0 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF120834.D

Acq: 10 Jul 2020 16:38

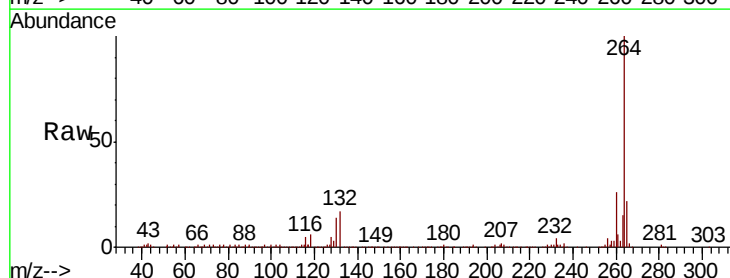
Tgt Ion:264 Resp: 386729

Ion Ratio Lower Upper

264 100

260 25.7 20.6 30.8

265 22.2 17.6 26.4



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

