

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
 Data File : BF127805.D
 Acq On : 15 Apr 2022 16:01
 Operator : CG\JU
 Sample : N2423-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D2460-D2462

Quant Time: Apr 18 01:24:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

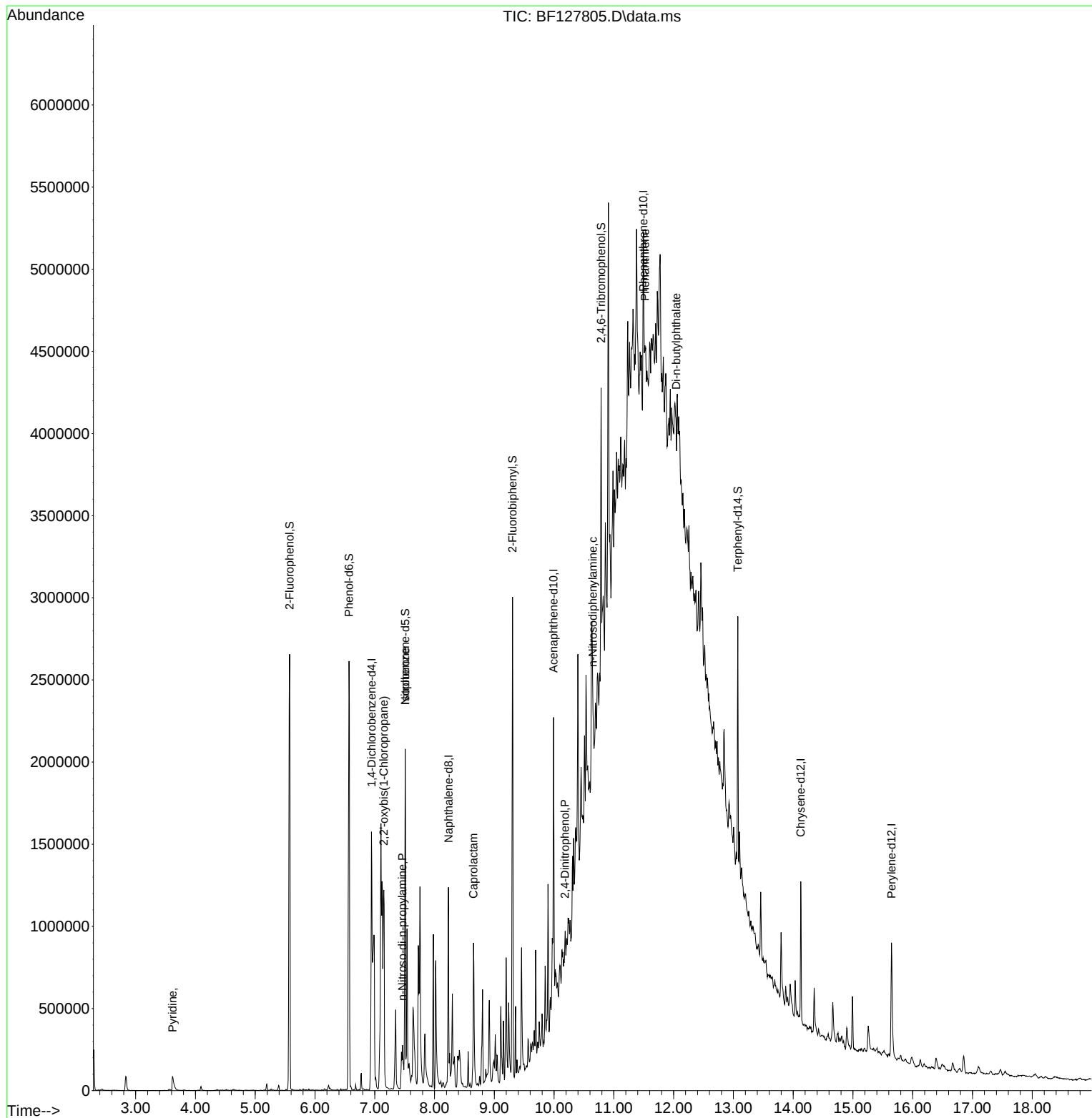
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	134913	20.000	ng	-0.02
21) Naphthalene-d8	8.233	136	522060	20.000	ng	#-0.01
39) Acenaphthene-d10	9.992	164	257536	20.000	ng	-0.01
64) Phenanthrene-d10	11.492	188	294268	20.000	ng	# 0.00
76) Chrysene-d12	14.127	240	299785	20.000	ng	-0.02
86) Perylene-d12	15.645	264	313245	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	850988	102.494	ng	0.00
7) Phenol-d6	6.569	99	1080223	99.451	ng	-0.02
23) Nitrobenzene-d5	7.510	82	722772	61.721	ng	-0.02
42) 2,4,6-Tribromophenol	10.786	330	227722	83.093	ng	-0.01
45) 2-Fluorobiphenyl	9.304	172	801833	44.045	ng	-0.02
79) Terphenyl-d14	13.074	244	515581	28.388	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.616	79	65598	6.324	ng	84
9) Benzaldehyde	6.498	77	436	Below Cal	#	73
16) 2,2'-oxybis(1-Chloropr...	7.151	45	234214	16.543	ng	70
19) n-Nitroso-di-n-propyla...	7.463	70	51752	7.367	ng	# 51
25) Isophorone	7.510	82	715508	35.016	ng	# 70
35) Caprolactam	8.651	113	5559	2.186	ng	# 1
54) 2,4-Dinitrophenol	10.180	184	594	5.626	ng	# 1
66) n-Nitrosodiphenylamine	10.651	169	32249	3.480	ng	# 45
71) Phenanthrene	11.521	178	69134	4.434	ng	# 74
74) Di-n-butylphthalate	12.045	149	37940	2.196	ng	# 59

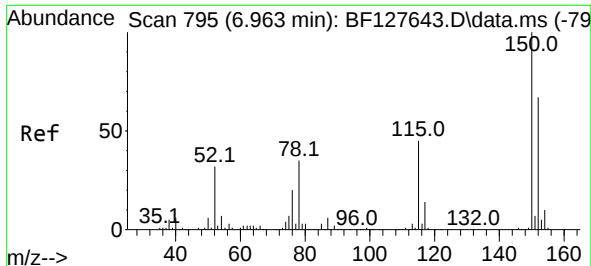
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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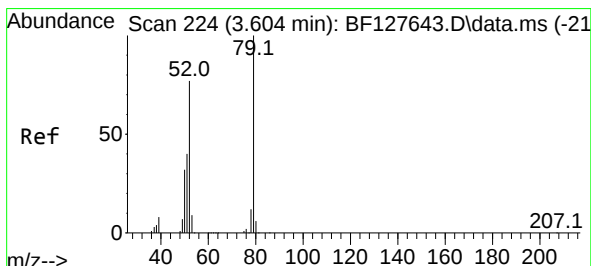
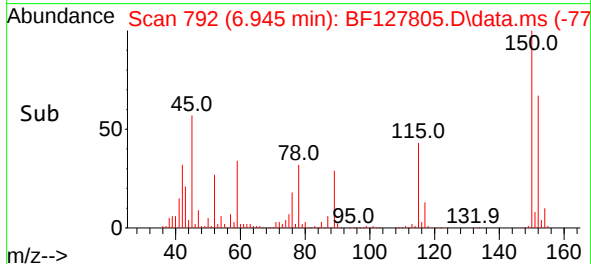
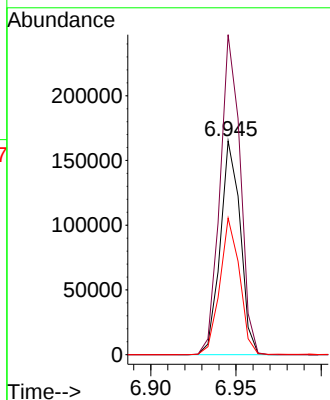
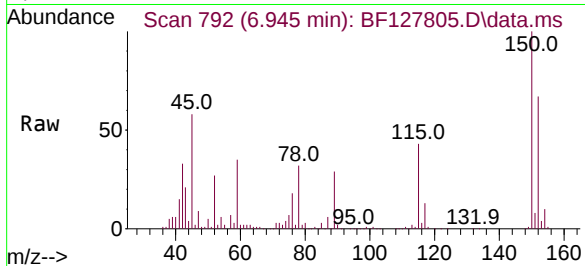




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 795
Delta R.T. -0.018 min
Lab File: BF127805.D
Acq: 15 Apr 2022 16:01

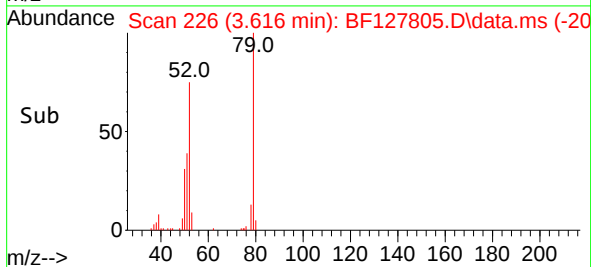
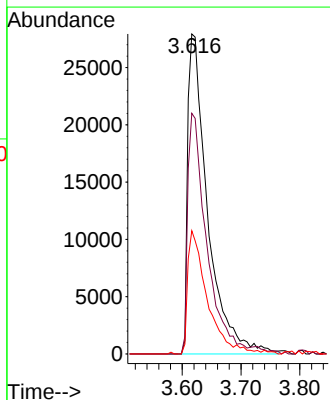
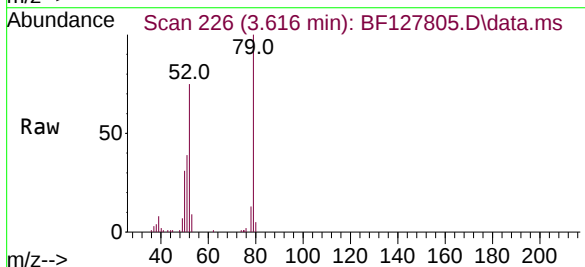
Instrument :
BNA_F
ClientSampleId :
D2460-D2462

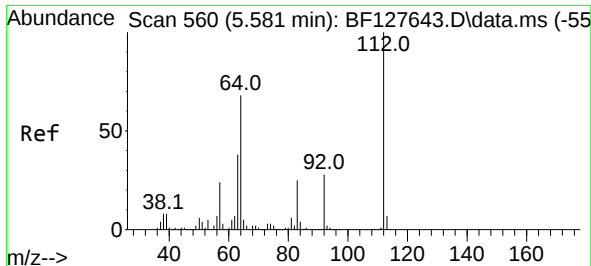
Tgt Ion:152 Resp: 134913
Ion Ratio Lower Upper
152 100
150 149.7 117.2 175.8
115 63.9 49.8 74.6



#3
Pyridine
Concen: 6.324 ng
RT: 3.616 min Scan# 226
Delta R.T. 0.012 min
Lab File: BF127805.D
Acq: 15 Apr 2022 16:01

Tgt Ion: 79 Resp: 65598
Ion Ratio Lower Upper
79 100
52 75.2 74.2 111.4
51 38.5 36.7 55.1

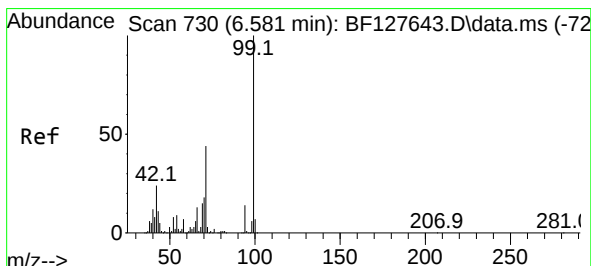
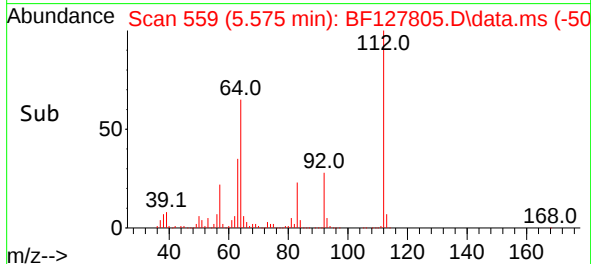
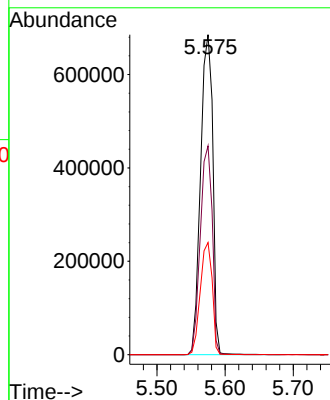
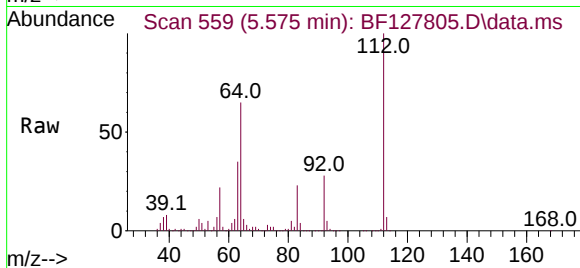




#5
2-Fluorophenol
Concen: 102.494 ng
RT: 5.575 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF127805.D
Acq: 15 Apr 2022 16:01

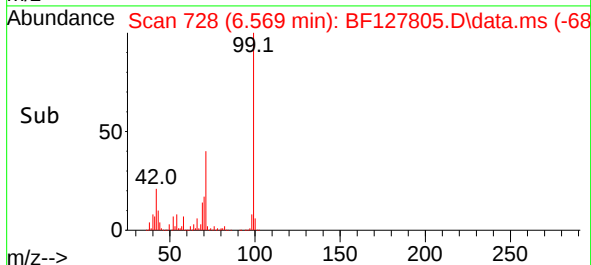
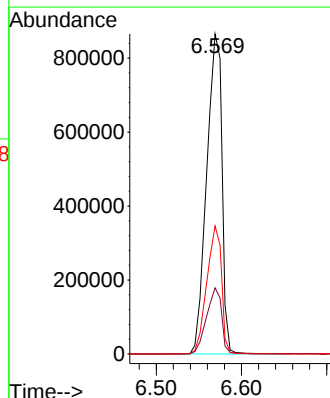
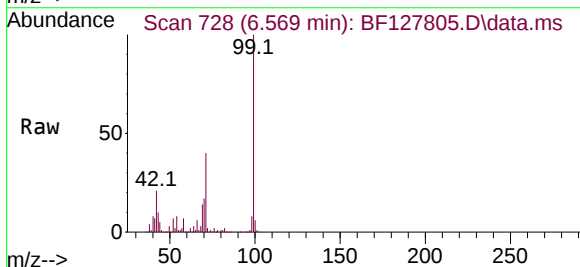
Instrument :
BNA_F
ClientSampleId :
D2460-D2462

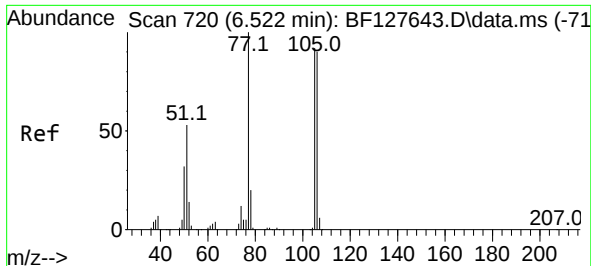
Tgt Ion:112 Resp: 850988
Ion Ratio Lower Upper
112 100
64 65.3 58.4 87.6
63 35.0 30.1 45.1



#7
Phenol-d6
Concen: 99.451 ng
RT: 6.569 min Scan# 728
Delta R.T. -0.018 min
Lab File: BF127805.D
Acq: 15 Apr 2022 16:01

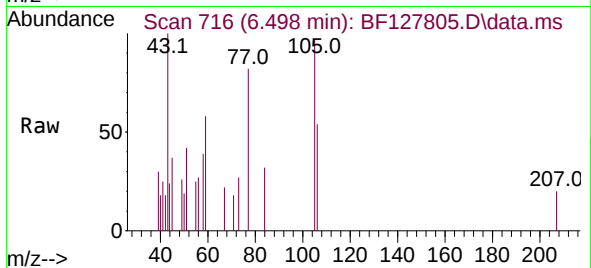
Tgt Ion: 99 Resp: 1080223
Ion Ratio Lower Upper
99 100
42 20.7 17.8 26.6
71 40.0 29.6 44.4



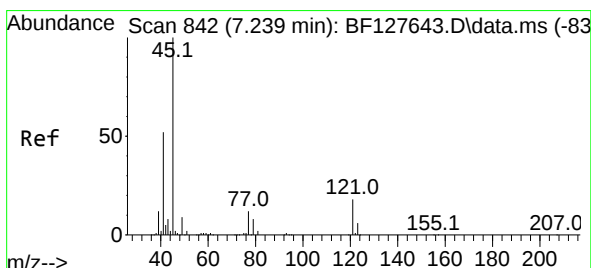
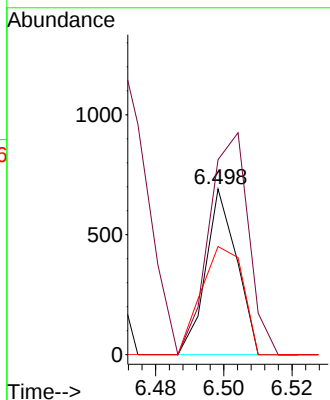
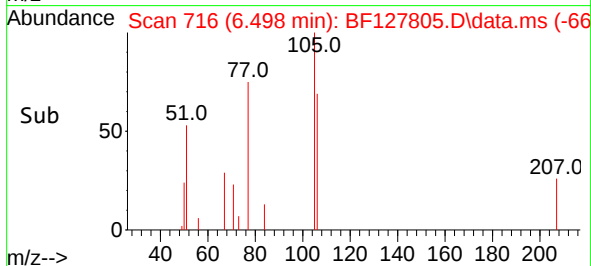


#9
Benzaldehyde
Concen: Below Cal
RT: 6.498 min Scan# 716
Delta R.T. -0.018 min
Lab File: BF127805.D
Acq: 15 Apr 2022 16:01

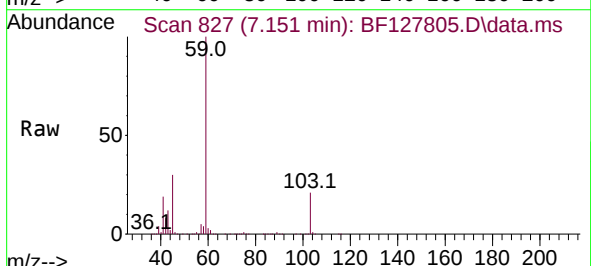
Instrument :
BNA_F
ClientSampleId :
D2460-D2462



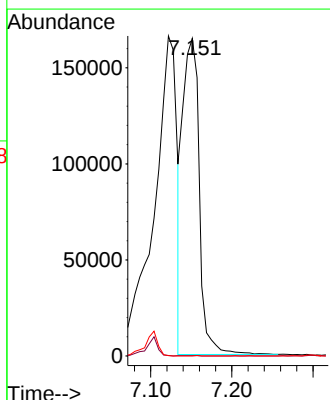
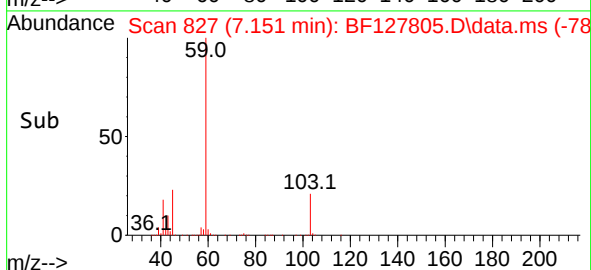
Tgt Ion: 77 Resp: 436
Ion Ratio Lower Upper
77 100
105 117.7 66.8 106.8#
106 65.3 64.3 104.3

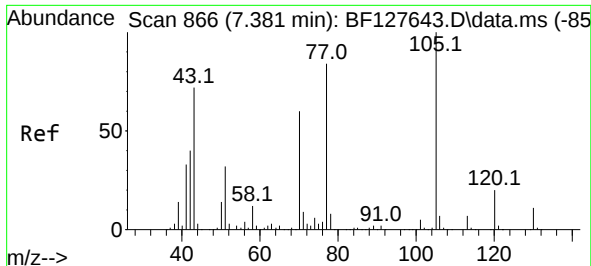


#16
2,2'-oxybis(1-chloropropane)
Concen: 16.543 ng
RT: 7.151 min Scan# 827
Delta R.T. -0.077 min
Lab File: BF127805.D
Acq: 15 Apr 2022 16:01



Tgt Ion: 45 Resp: 234214
Ion Ratio Lower Upper
45 100
77 0.1 0.0 32.9
79 0.0 0.0 29.9

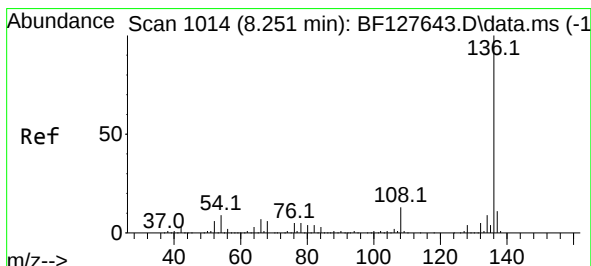
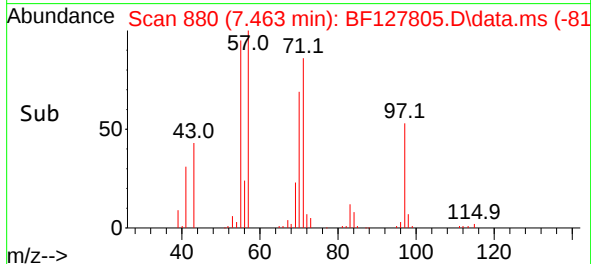
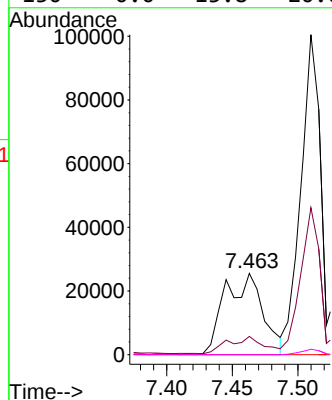
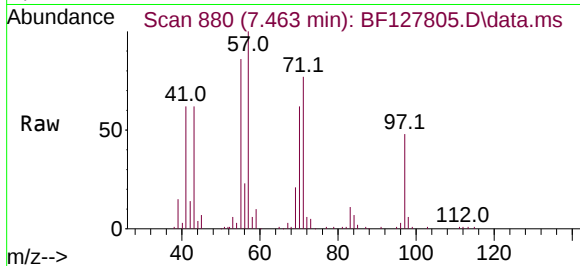




#19
n-Nitroso-di-n-propylamine
Concen: 7.367 ng
RT: 7.463 min Scan# 81
Delta R.T. 0.088 min
Lab File: BF127805.D
Acq: 15 Apr 2022 16:01

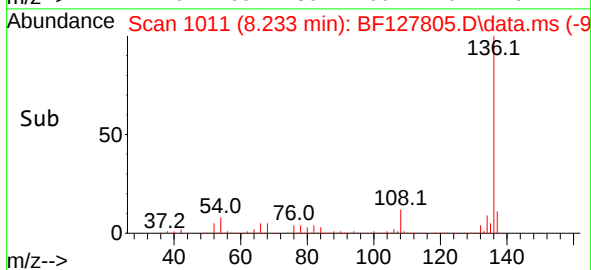
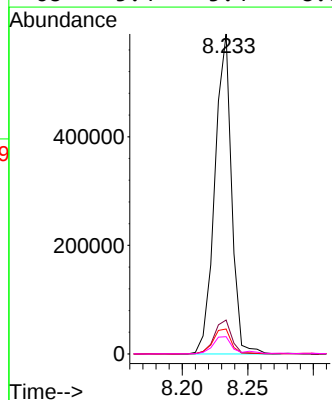
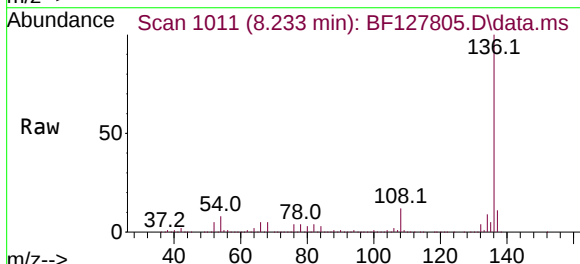
Instrument :
BNA_F
ClientSampleId :
D2460-D2462

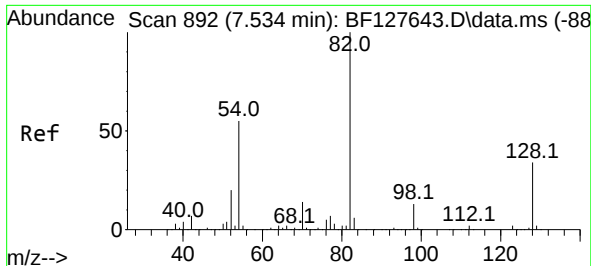
Tgt Ion: 70 Resp: 51752
Ion Ratio Lower Upper
70 100
42 22.5 53.0 79.6#
101 0.0 6.8 10.2#
130 0.0 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF127805.D
Acq: 15 Apr 2022 16:01

Tgt Ion: 136 Resp: 522060
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.8 9.2 13.8#
68 5.4 5.4 8.0

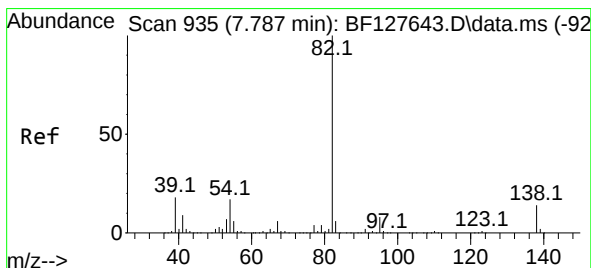
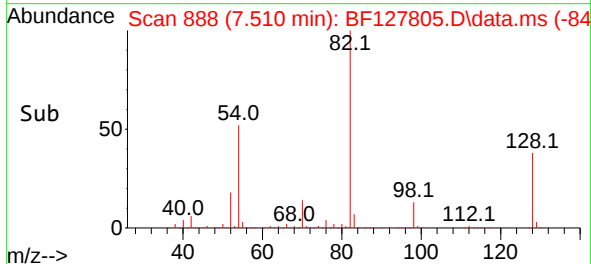
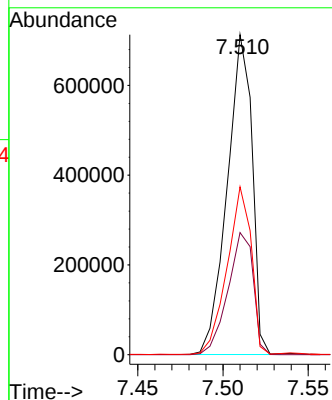
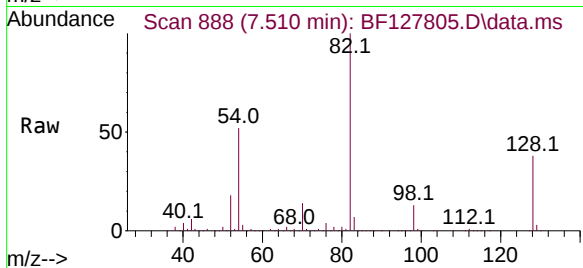




#23
Nitrobenzene-d5
Concen: 61.721 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF127805.D
Acq: 15 Apr 2022 16:01

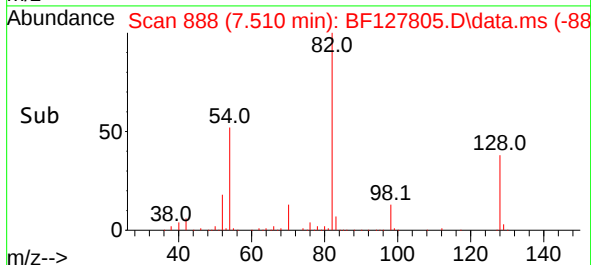
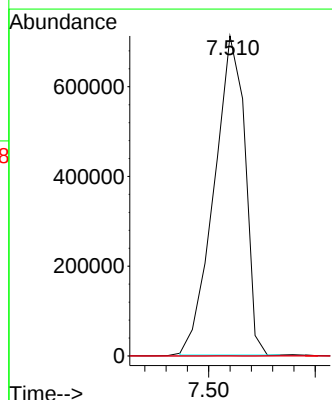
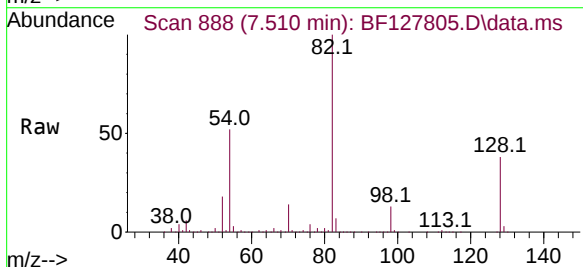
Instrument :
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D2460-D2462

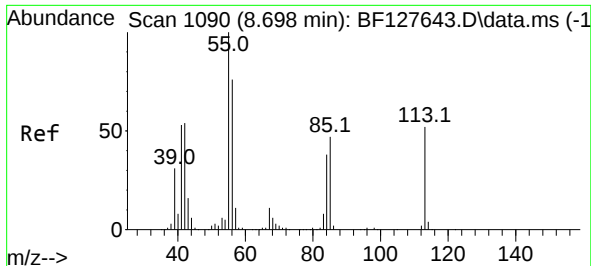
Tgt Ion: 82 Resp: 722772
Ion Ratio Lower Upper
82 100
128 38.2 30.6 45.8
54 52.4 48.2 72.2



#25
Isophorone
Concen: 35.016 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.277 min
Lab File: BF127805.D
Acq: 15 Apr 2022 16:01

Tgt Ion: 82 Resp: 715508
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

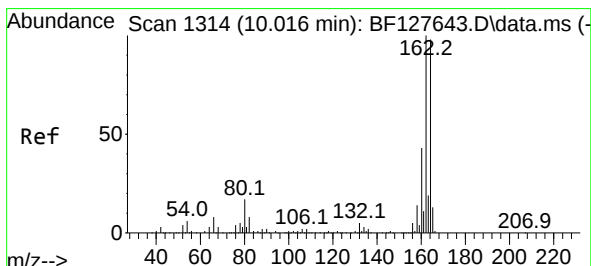
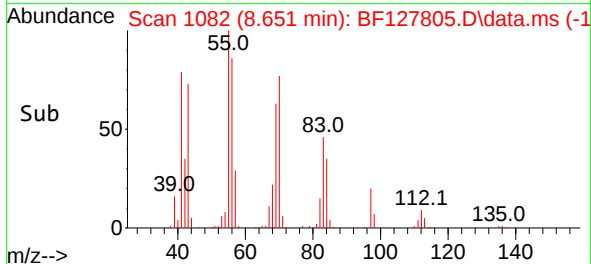
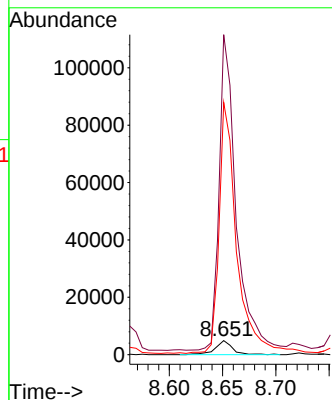
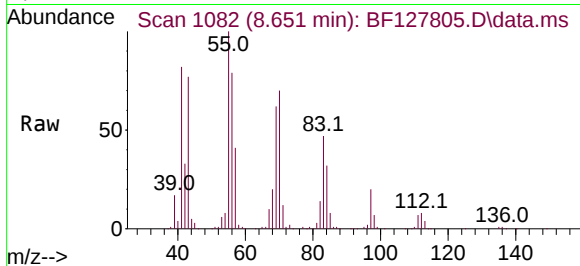




#35
 Caprolactam
 Concen: 2.186 ng
 RT: 8.651 min Scan# 110
 Delta R.T. -0.047 min
 Lab File: BF127805.D
 Acq: 15 Apr 2022 16:01

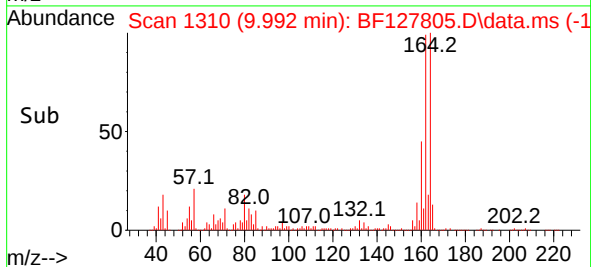
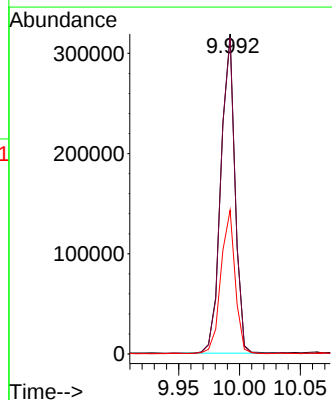
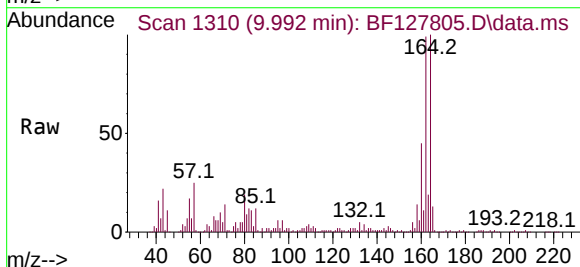
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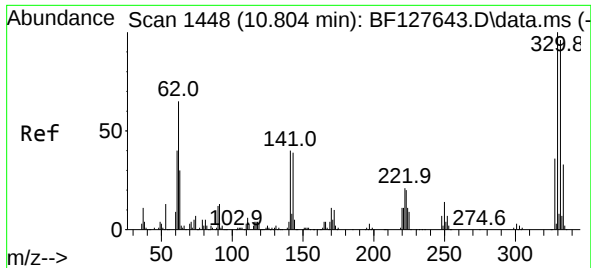
Tgt Ion:113 Resp: 5559
 Ion Ratio Lower Upper
 113 100
 55 2271.6 218.7 258.7#
 56 1790.0 156.2 196.2#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.992 min Scan# 1310
 Delta R.T. -0.012 min
 Lab File: BF127805.D
 Acq: 15 Apr 2022 16:01

Tgt Ion:164 Resp: 257536
 Ion Ratio Lower Upper
 164 100
 162 98.8 81.2 121.8
 160 44.9 34.6 52.0

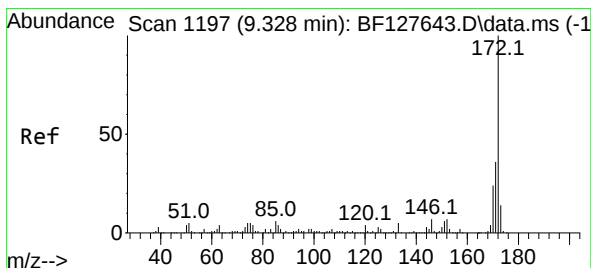
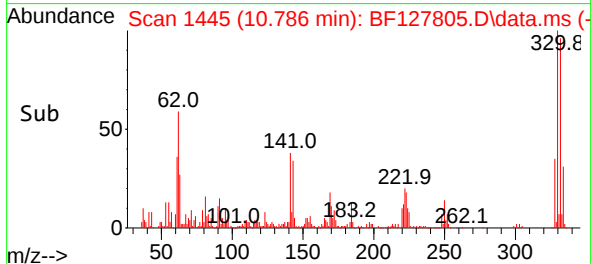
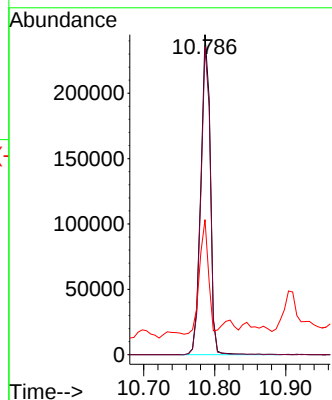
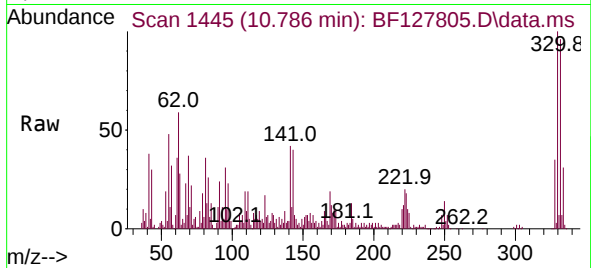




#42
2,4,6-Tribromophenol
Concen: 83.093 ng
RT: 10.786 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF127805.D
Acq: 15 Apr 2022 16:01

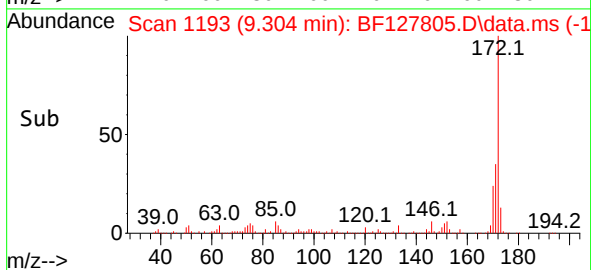
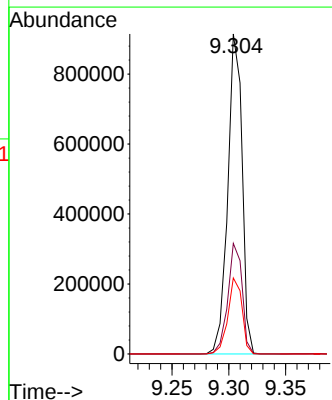
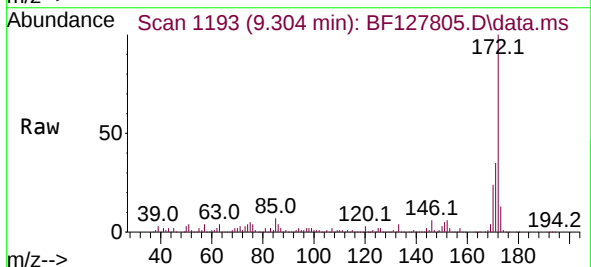
Instrument :
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ClientSampleId :
D2460-D2462

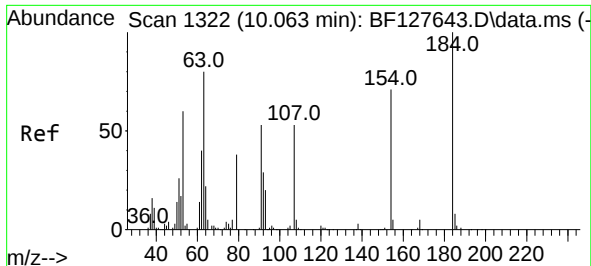
Tgt Ion:330 Resp: 227722
Ion Ratio Lower Upper
330 100
332 95.9 79.1 118.7
141 34.0 26.2 39.4



#45
2-Fluorobiphenyl
Concen: 44.045 ng
RT: 9.304 min Scan# 1193
Delta R.T. -0.018 min
Lab File: BF127805.D
Acq: 15 Apr 2022 16:01

Tgt Ion:172 Resp: 801833
Ion Ratio Lower Upper
172 100
171 34.5 28.4 42.6
170 23.7 18.6 27.8

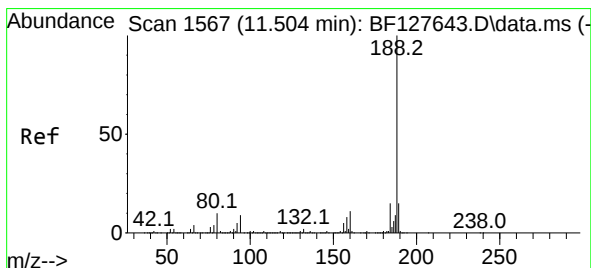
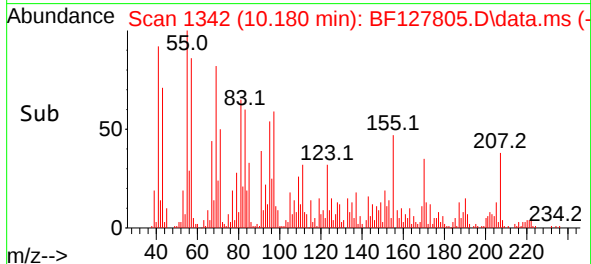
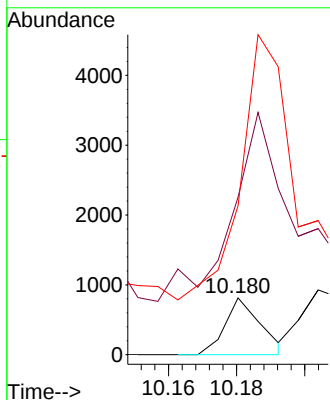
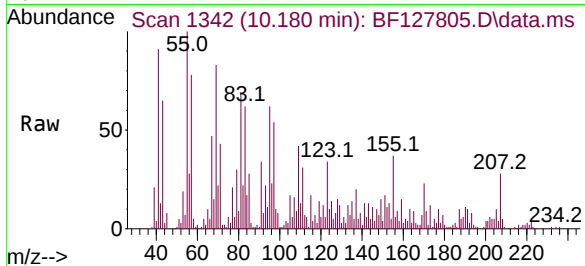




#54
2,4-Dinitrophenol
Concen: 5.626 ng
RT: 10.180 min Scan# 11
Delta R.T. 0.117 min
Lab File: BF127805.D
Acq: 15 Apr 2022 16:01

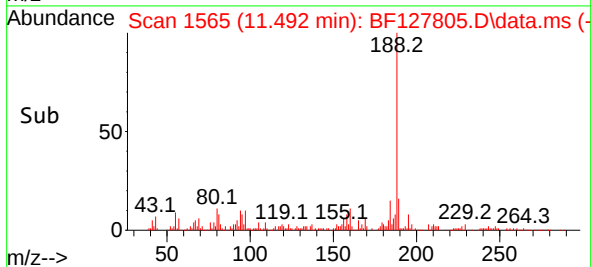
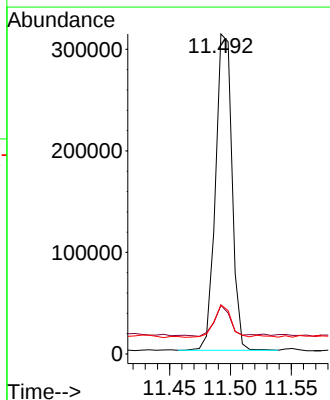
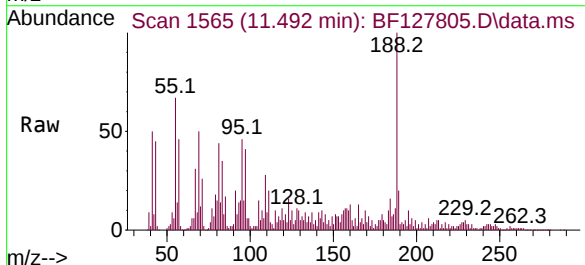
Instrument :
BNA_F
ClientSampleId :
D2460-D2462

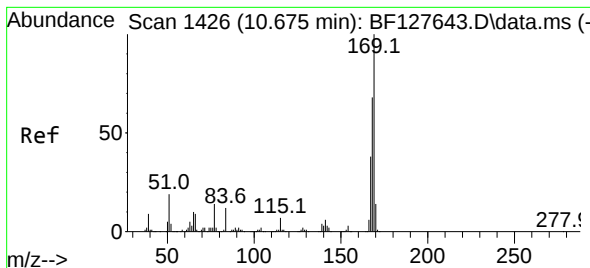
Tgt Ion:184 Resp: 594
Ion Ratio Lower Upper
184 100
63 276.7 58.1 87.1#
154 261.6 53.2 79.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BF127805.D
Acq: 15 Apr 2022 16:01

Tgt Ion:188 Resp: 294268
Ion Ratio Lower Upper
188 100
94 15.2 7.4 11.0#
80 15.3 8.0 12.0#

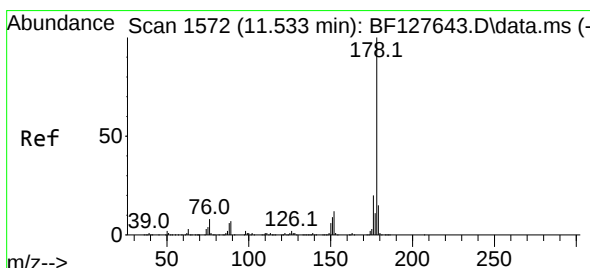
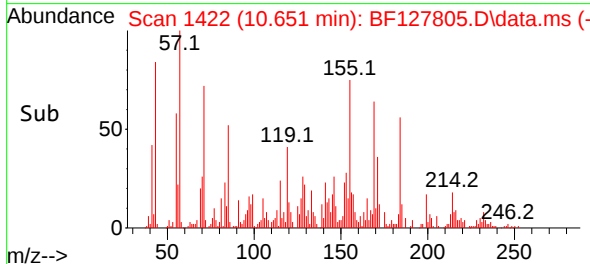
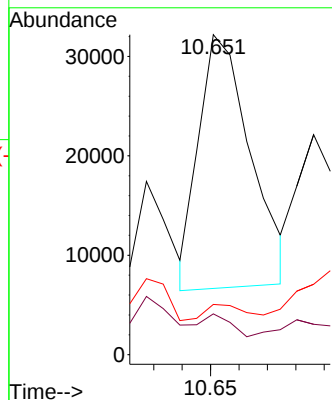
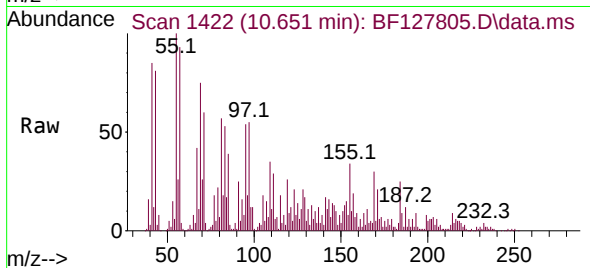




#66
n-Nitrosodiphenylamine
Concen: 3.480 ng
RT: 10.651 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF127805.D
Acq: 15 Apr 2022 16:01

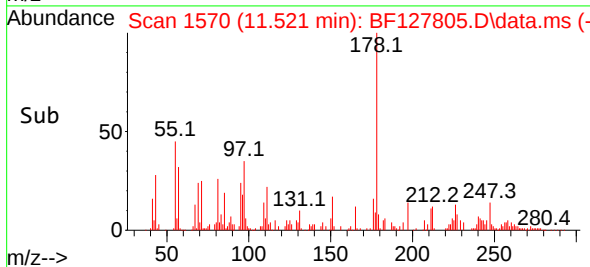
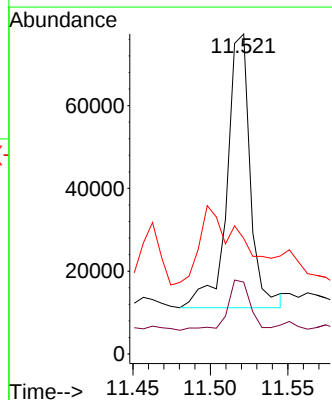
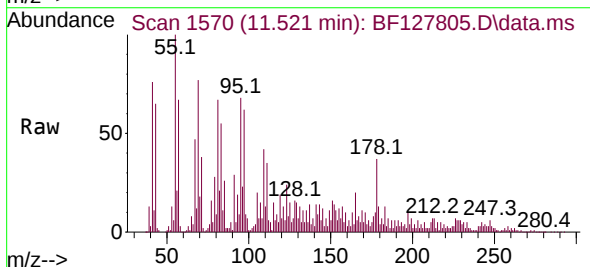
Instrument :
BNA_F
ClientSampleId :
D2460-D2462

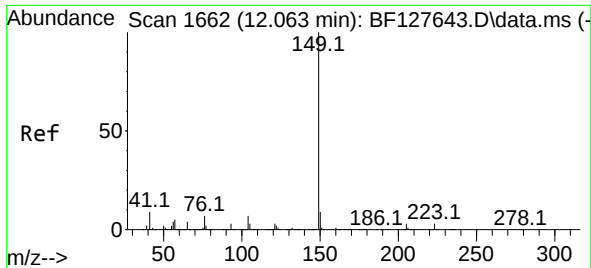
Tgt Ion:169 Resp: 32249
Ion Ratio Lower Upper
169 100
168 12.7 52.7 79.1#
167 15.7 28.9 43.3#



#71
Phenanthrene
Concen: 4.434 ng
RT: 11.521 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF127805.D
Acq: 15 Apr 2022 16:01

Tgt Ion:178 Resp: 69134
Ion Ratio Lower Upper
178 100
176 22.5 15.4 23.2
179 36.1 12.4 18.6#

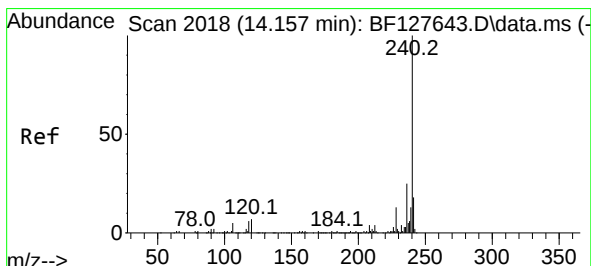
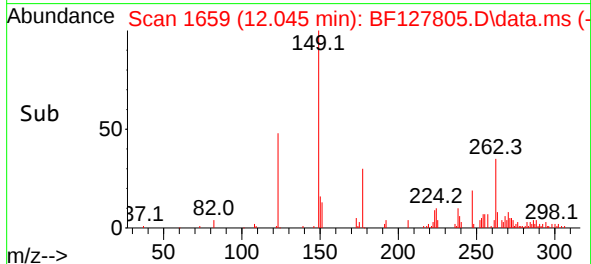
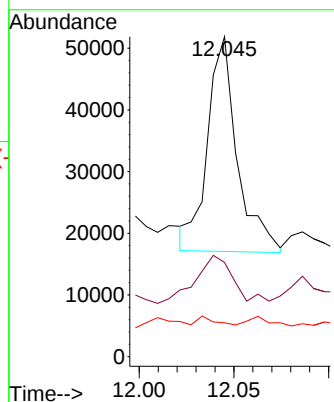
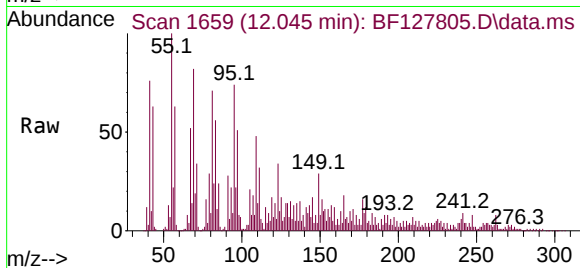




#74
Di-n-butylphthalate
Concen: 2.196 ng
RT: 12.045 min Scan# 1659
Delta R.T. -0.006 min
Lab File: BF127805.D
Acq: 15 Apr 2022 16:01

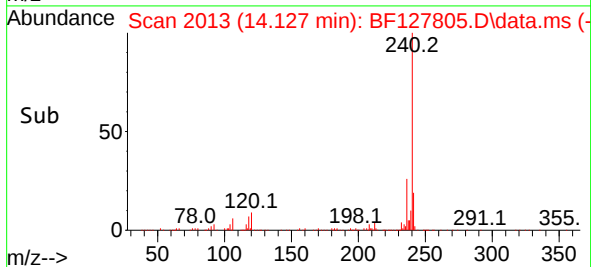
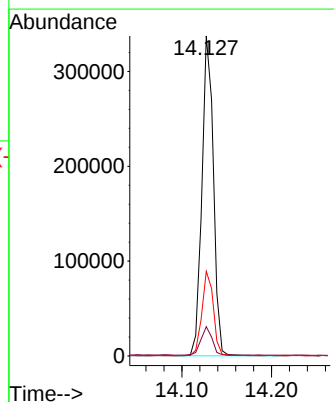
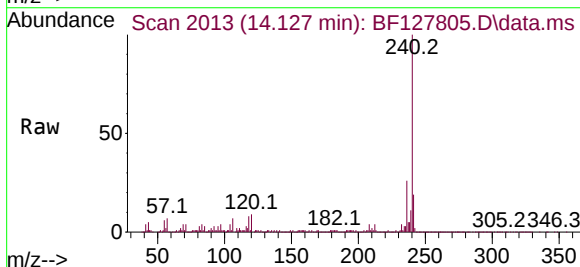
Instrument :
BNA_F
ClientSampleId :
D2460-D2462

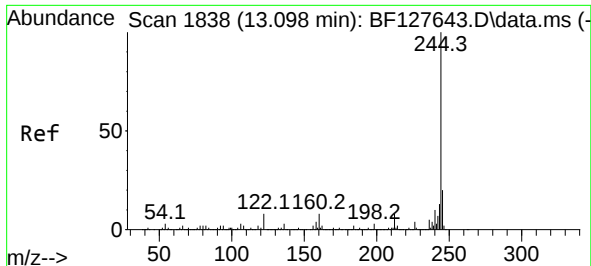
Tgt Ion:149 Resp: 37940
Ion Ratio Lower Upper
149 100
150 29.5 7.5 11.3#
104 10.6 4.2 6.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2013
Delta R.T. -0.018 min
Lab File: BF127805.D
Acq: 15 Apr 2022 16:01

Tgt Ion:240 Resp: 299785
Ion Ratio Lower Upper
240 100
120 9.1 7.1 10.7
236 26.4 20.7 31.1

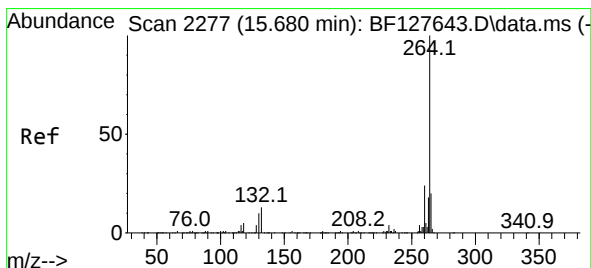
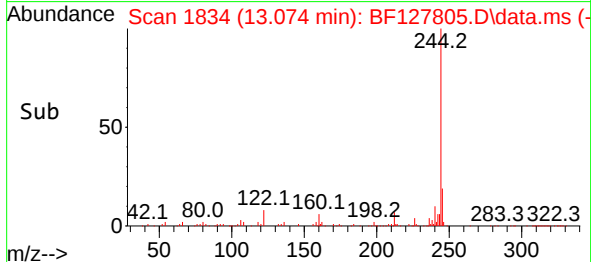
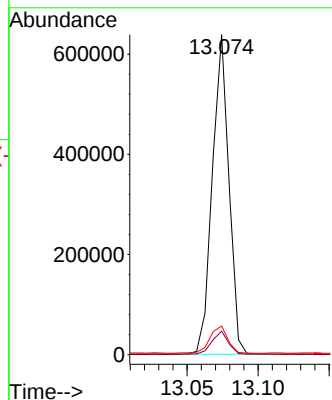
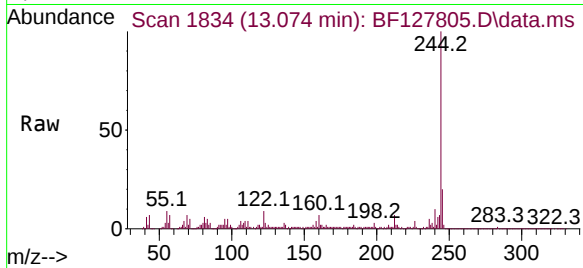




#79
 Terphenyl-d14
 Concen: 28.388 ng
 RT: 13.074 min Scan# 1834
 Delta R.T. -0.006 min
 Lab File: BF127805.D
 Acq: 15 Apr 2022 16:01

Instrument :
 BNA_F
 ClientSampleId :
 D2460-D2462

Tgt Ion:244 Resp: 515581
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 9.0 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.645 min Scan# 2271
 Delta R.T. -0.018 min
 Lab File: BF127805.D
 Acq: 15 Apr 2022 16:01

Tgt Ion:264 Resp: 313245
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.1 28.7
 265 21.3 17.4 26.2

