

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
 Data File : BF126577.D
 Acq On : 10 Jan 2022 20:08
 Operator : JU/CG
 Sample : N1076-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURFACE-01

Quant Time: Jan 11 01:38:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 10 14:50:31 2022
 Response via : Initial Calibration

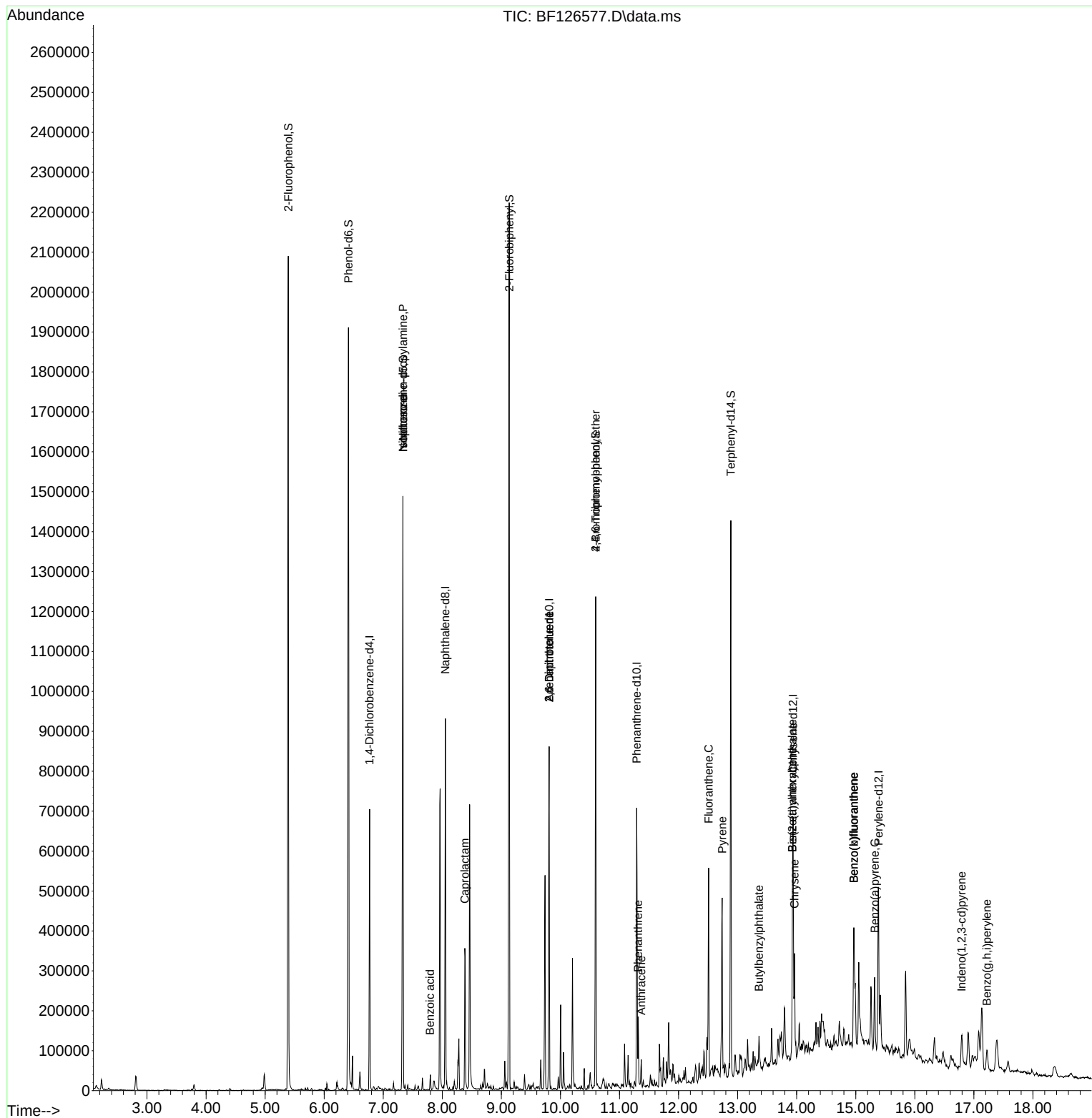
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	93543	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	377575	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	170512	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	234592	20.000	ng	0.00
76) Chrysene-d12	13.939	240	159253	20.000	ng	# 0.00
86) Perylene-d12	15.386	264	175753	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	621207	95.367	ng	0.01
7) Phenol-d6	6.410	99	777709	92.180	ng	0.00
23) Nitrobenzene-d5	7.333	82	491664	66.861	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	141210	107.170	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	671017	69.251	ng	0.00
79) Terphenyl-d14	12.886	244	431293	52.619	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.333	70	61170	12.706	ng	# 80
25) Isophorone	7.333	82	491525	37.339	ng	# 69
32) Benzoic acid	7.792	122	780	7.256	ng	93
35) Caprolactam	8.380	113	7906	6.673	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	22863	9.945	ng	# 21
57) 2,4-Dinitrotoluene	9.810	165	22863	7.709	ng	# 15
67) 4-Bromophenyl-phenylether	10.598	248	7371	3.540	ng	# 1
71) Phenanthrene	11.316	178	57347	4.782	ng	98
72) Anthracene	11.368	178	24344	2.029	ng	99
75) Fluoranthene	12.510	202	185355	16.933	ng	97
77) Benzidine	12.886	184	5438	Below Cal		98
78) Pyrene	12.739	202	175907	13.070	ng	99
80) Butylbenzylphthalate	13.362	149	14702	2.465	ng	# 89
81) Benzo(a)anthracene	13.927	228	92266	10.074	ng	96
83) Chrysene	13.962	228	92567	9.853	ng	98
84) Bis(2-ethylhexyl)phtha...	13.927	149	14466	2.341	ng	# 100
87) Indeno(1,2,3-cd)pyrene	16.792	276	47915	4.074	ng	93
88) Benzo(b)fluoranthene	14.968	252	207138	19.784	ng	99
89) Benzo(k)fluoranthene	14.968	252	207138	20.423	ng	100
90) Benzo(a)pyrene	15.321	252	79362	9.040	ng	97
92) Benzo(g,h,i)perylene	17.221	276	39568	3.915	ng	96

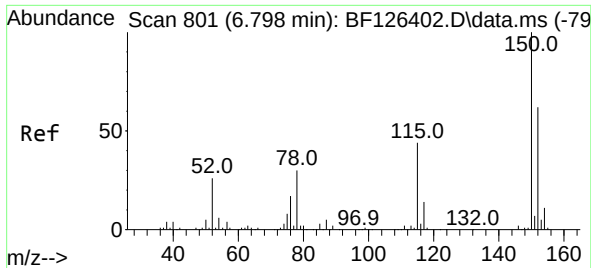
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 10 14:50:31 2022
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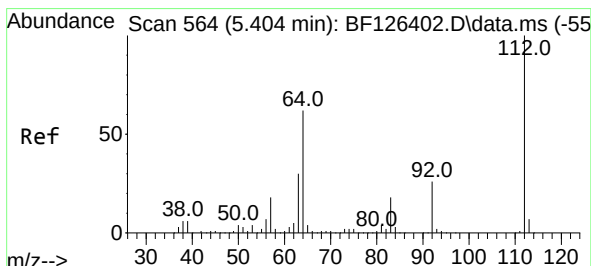
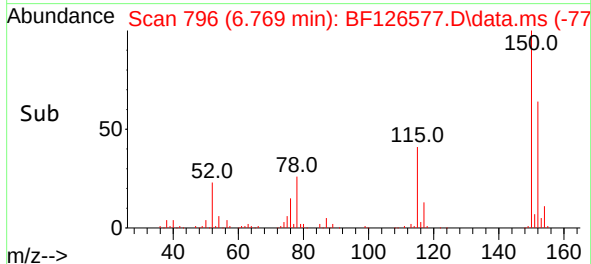
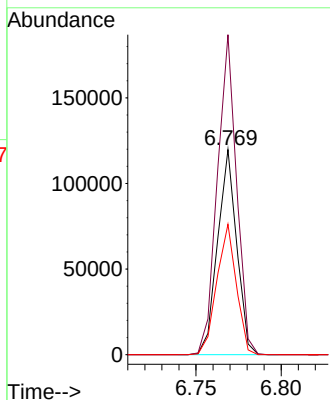
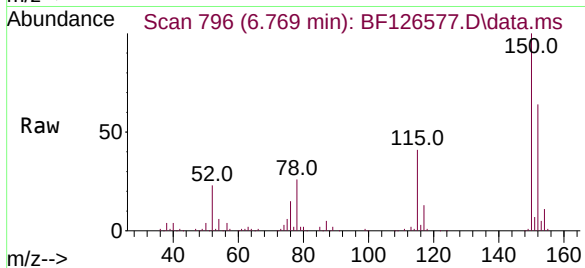




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF126577.D
 Acq: 10 Jan 2022 20:08

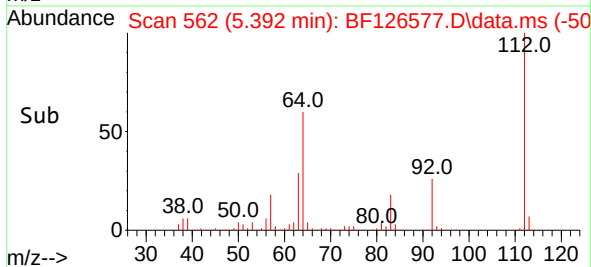
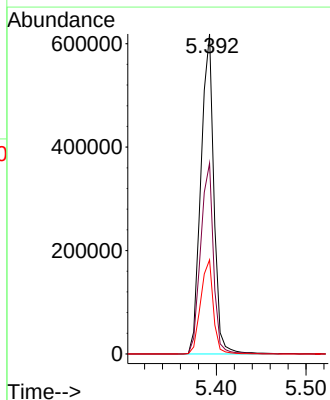
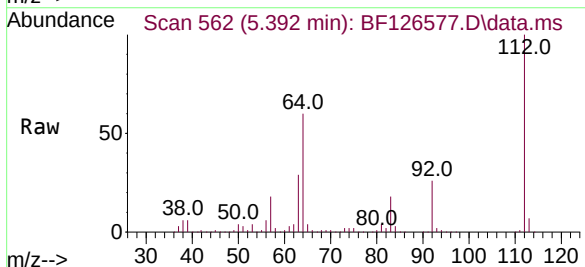
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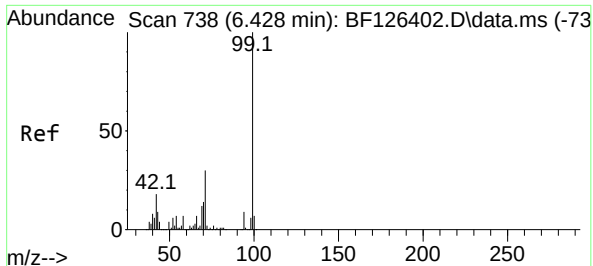
Tgt Ion:152 Resp: 93543
 Ion Ratio Lower Upper
 152 100
 150 156.1 128.1 192.1
 115 63.6 56.7 85.1



#5
 2-Fluorophenol
 Concen: 95.367 ng
 RT: 5.392 min Scan# 562
 Delta R.T. 0.012 min
 Lab File: BF126577.D
 Acq: 10 Jan 2022 20:08

Tgt Ion:112 Resp: 621207
 Ion Ratio Lower Upper
 112 100
 64 59.6 49.5 74.3
 63 29.4 23.9 35.9

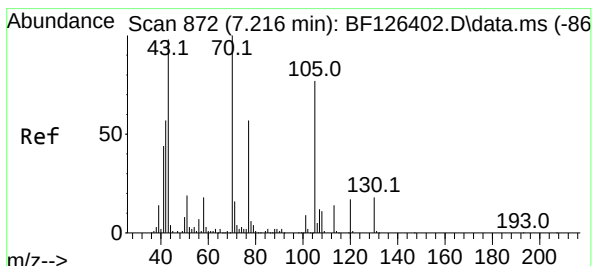
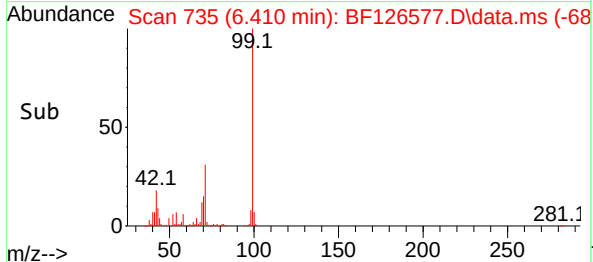
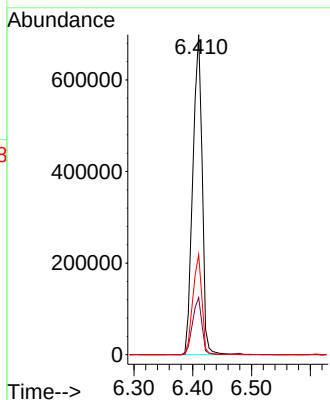
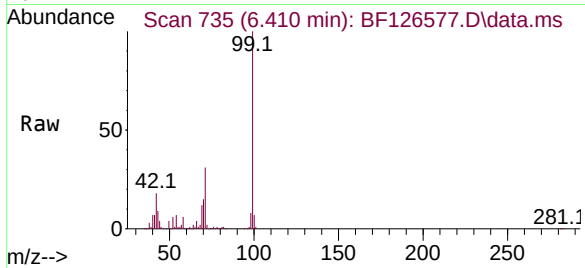




#7
Phenol-d6
Concen: 92.180 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

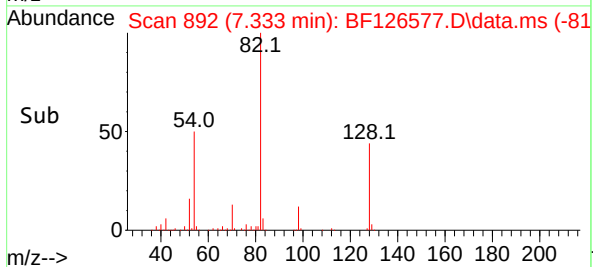
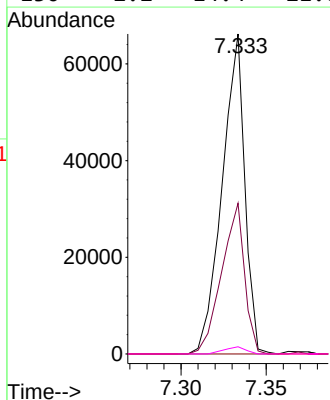
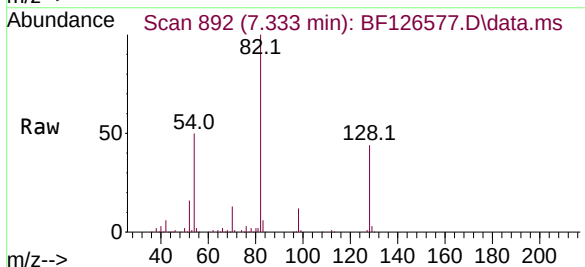
Instrument :
BNA_F
ClientSampleId :
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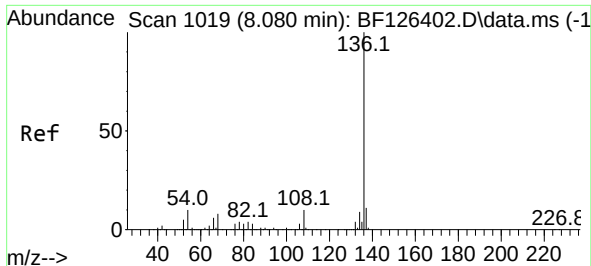
Tgt Ion: 99 Resp: 777709
Ion Ratio Lower Upper
99 100
42 17.9 14.2 21.4
71 31.3 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.706 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Tgt Ion: 70 Resp: 61170
Ion Ratio Lower Upper
70 100
42 47.1 45.8 68.8
101 0.0 6.9 10.3#
130 2.2 14.4 21.6#



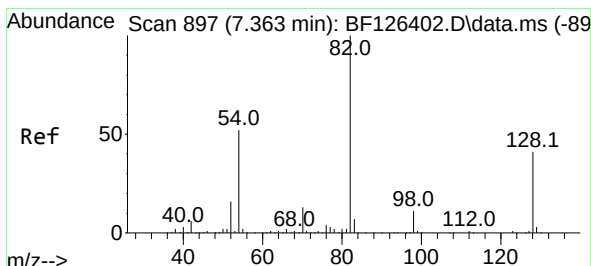
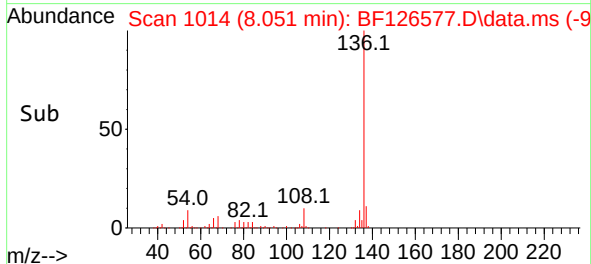
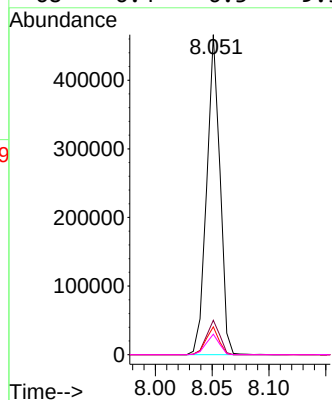
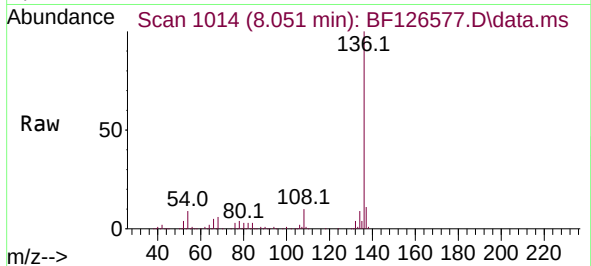


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Instrument :
BNA_F
ClientSampleId :
SURFACE-01

Tgt Ion:136 Resp: 377575

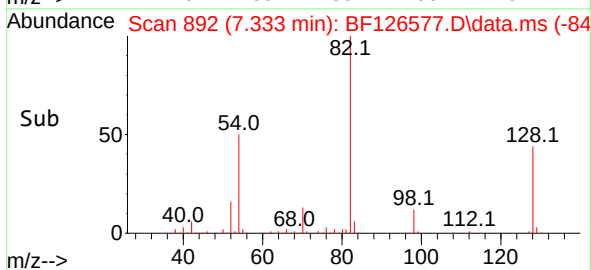
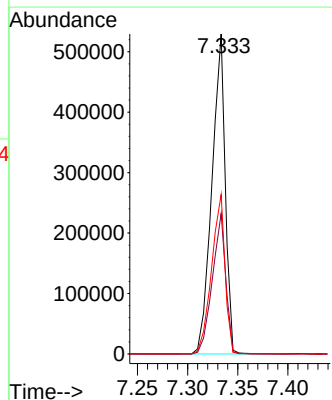
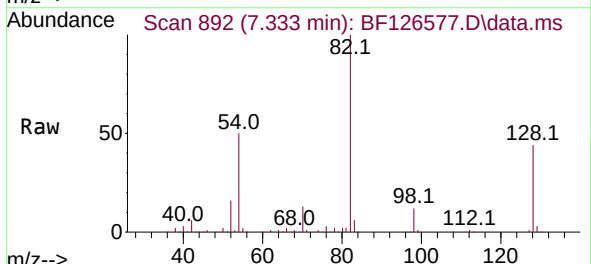
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.7	7.8	11.6
68	6.4	6.3	9.5

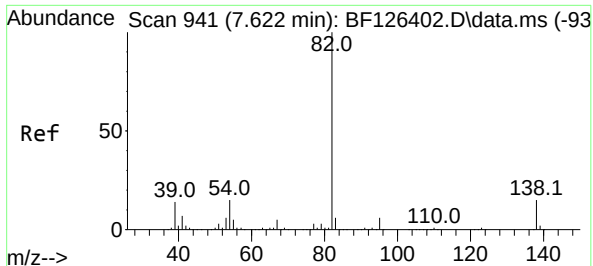


#23
Nitrobenzene-d5
Concen: 66.861 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Tgt Ion: 82 Resp: 491664

Ion	Ratio	Lower	Upper
82	100		
128	43.9	32.7	49.1
54	49.9	41.7	62.5

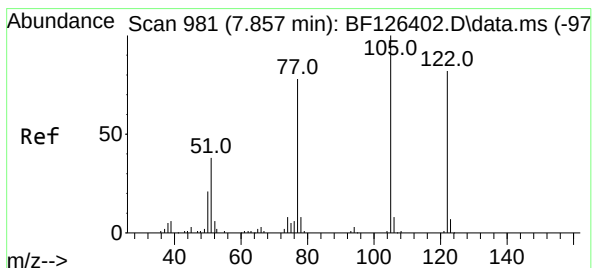
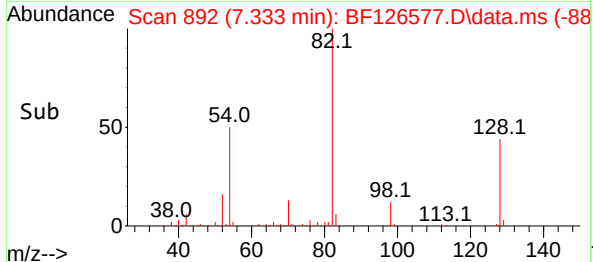
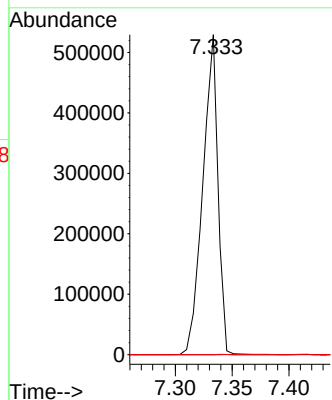
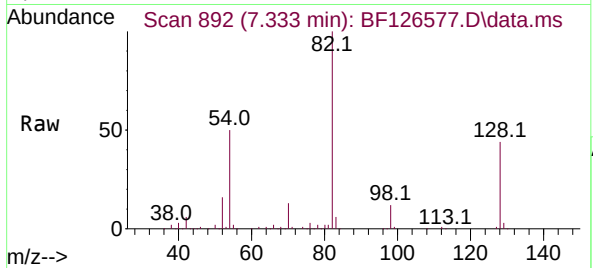




#25
Isophorone
Concen: 37.339 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

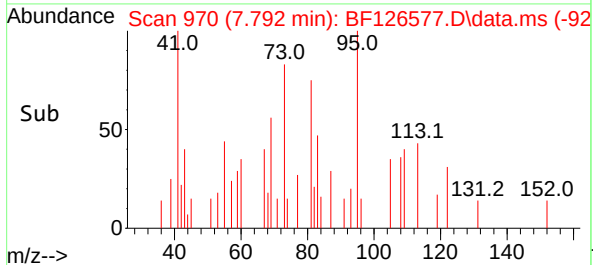
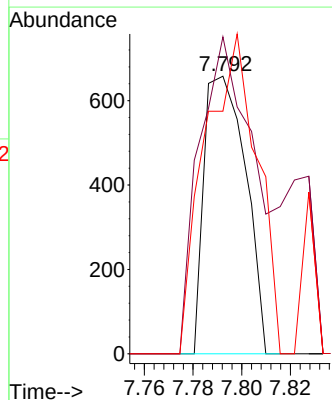
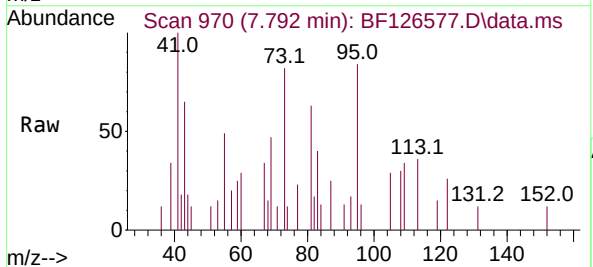
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ClientSampleId :
SURFACE-01

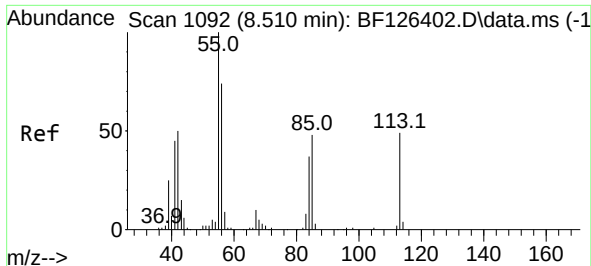
Tgt Ion: 82 Resp: 491525
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#32
Benzoic acid
Concen: 7.256 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.059 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Tgt Ion: 122 Resp: 780
Ion Ratio Lower Upper
122 100
105 114.1 101.0 141.0
77 87.4 74.5 114.5

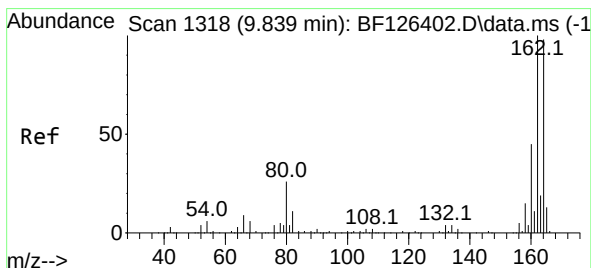
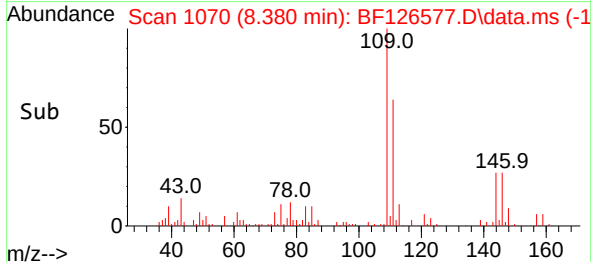
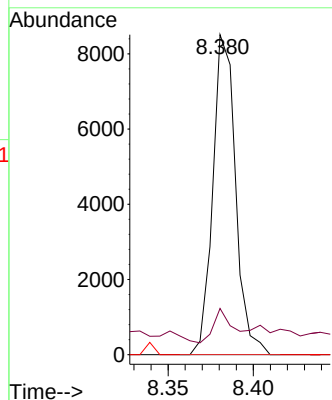
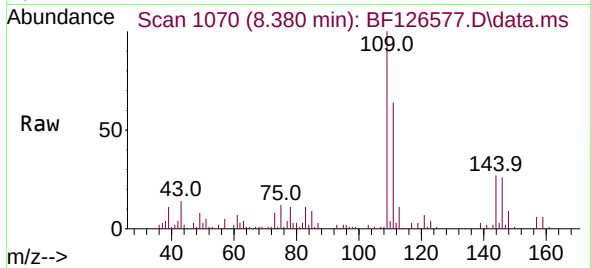




#35
 Caprolactam
 Concen: 6.673 ng
 RT: 8.380 min Scan# 1092
 Delta R.T. -0.118 min
 Lab File: BF126577.D
 Acq: 10 Jan 2022 20:08

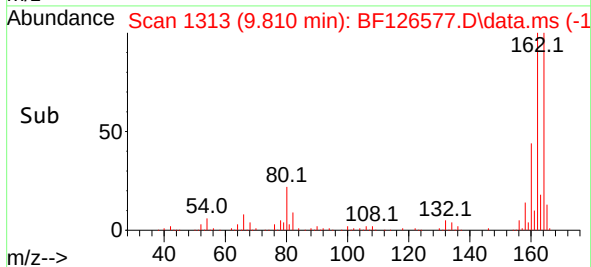
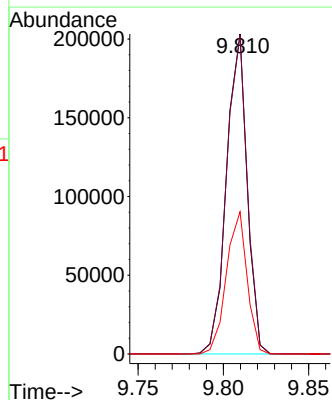
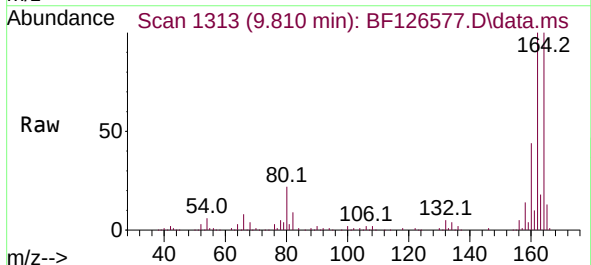
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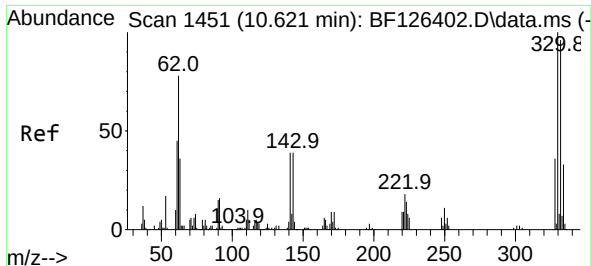
Tgt Ion:113 Resp: 7906
 Ion Ratio Lower Upper
 113 100
 55 14.5 183.9 223.9#
 56 0.0 129.9 169.9#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.810 min Scan# 1313
 Delta R.T. -0.006 min
 Lab File: BF126577.D
 Acq: 10 Jan 2022 20:08

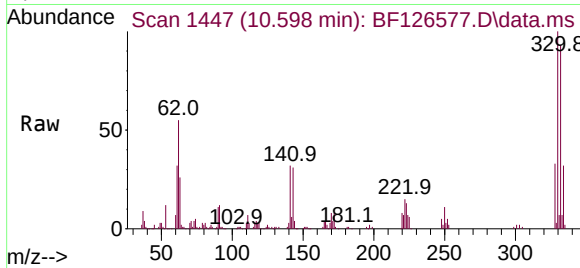
Tgt Ion:164 Resp: 170512
 Ion Ratio Lower Upper
 164 100
 162 99.8 81.4 122.0
 160 44.5 36.6 54.8



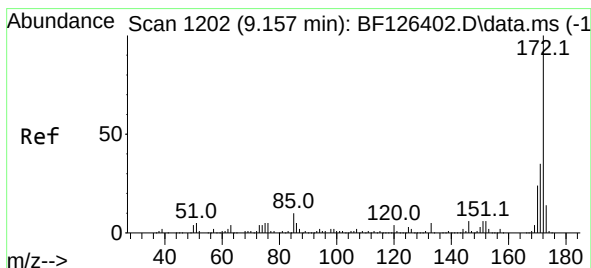
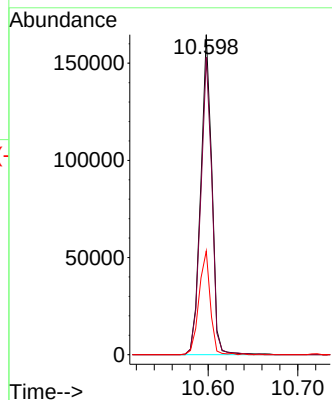
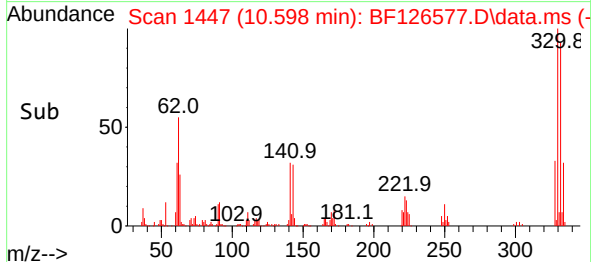


#42
 2,4,6-Tribromophenol
 Concen: 107.170 ng
 RT: 10.598 min Scan# 1447
 Delta R.T. -0.006 min
 Lab File: BF126577.D
 Acq: 10 Jan 2022 20:08

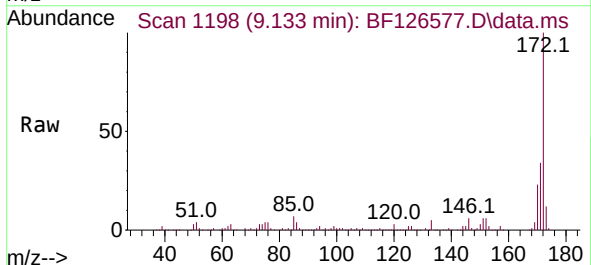
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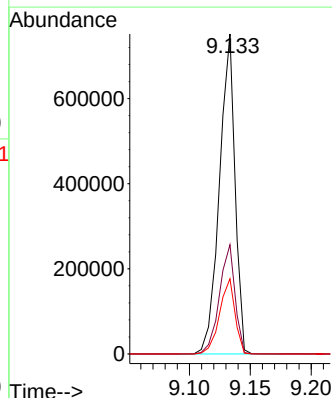
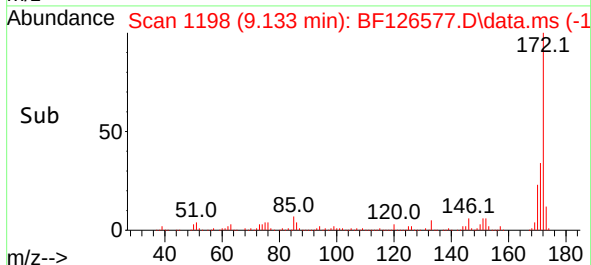
Tgt Ion:330 Resp: 141210
 Ion Ratio Lower Upper
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 332 93.9 76.0 114.0
 141 33.0 30.1 45.1

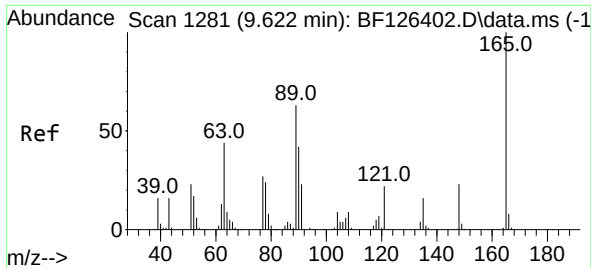


#45
 2-Fluorobiphenyl
 Concen: 69.251 ng
 RT: 9.133 min Scan# 1198
 Delta R.T. -0.006 min
 Lab File: BF126577.D
 Acq: 10 Jan 2022 20:08



Tgt Ion:172 Resp: 671017
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.3 42.5
 170 23.5 19.0 28.6

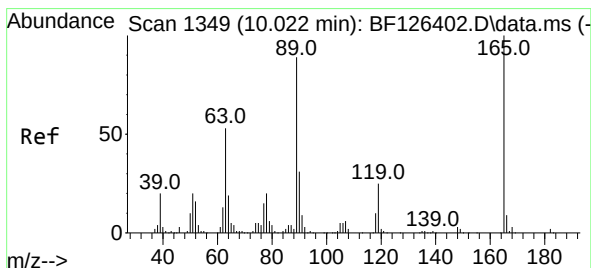
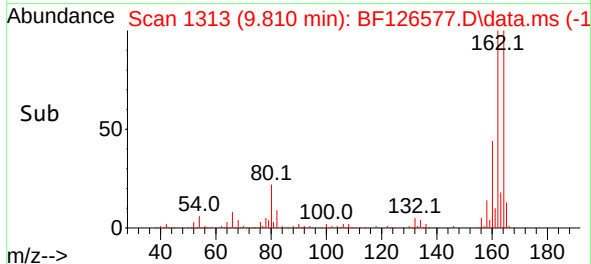
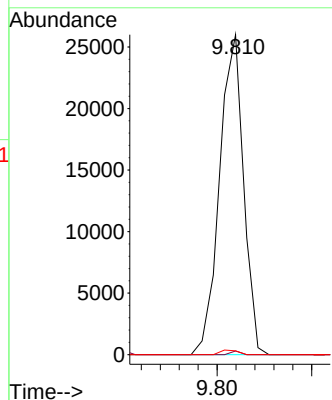
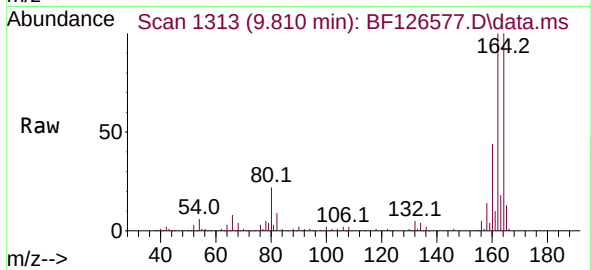




#51
2,6-Dinitrotoluene
Concen: 9.945 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

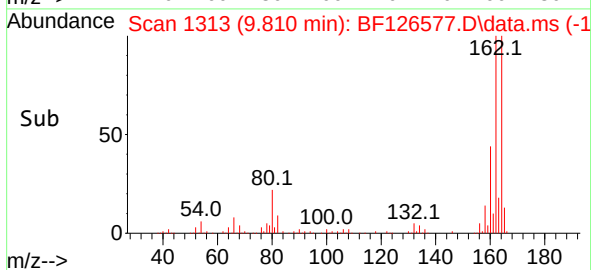
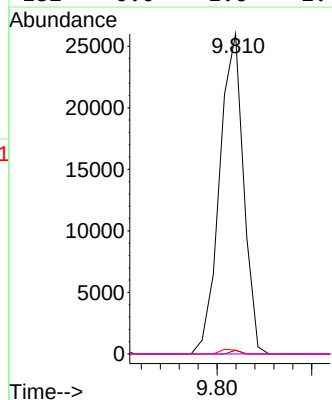
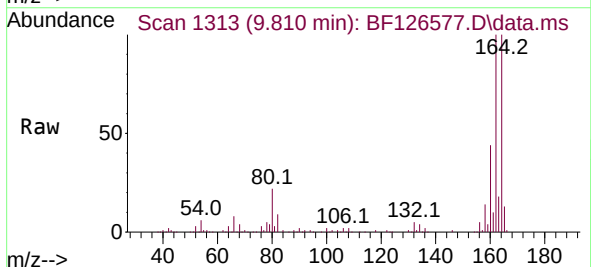
Instrument :
BNA_F
ClientSampleId :
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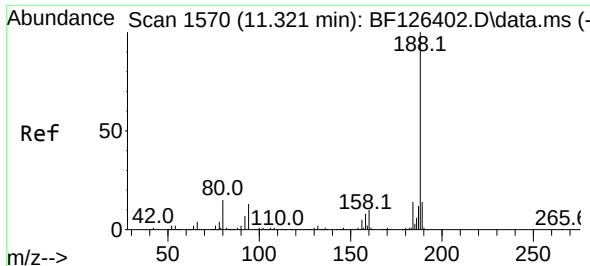
Tgt Ion:165 Resp: 22863
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.2 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.709 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Tgt Ion:165 Resp: 22863
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.2 71.0 106.4#
182 0.0 1.6 2.4#

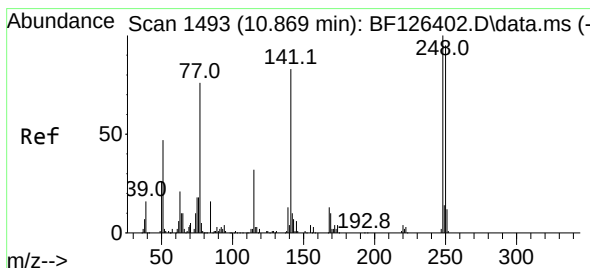
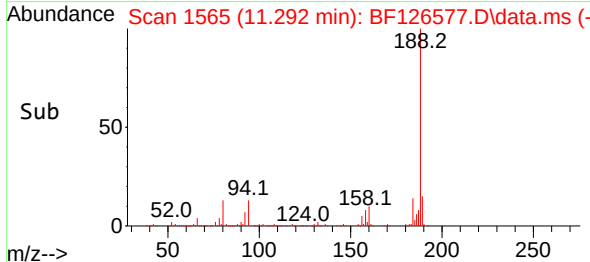
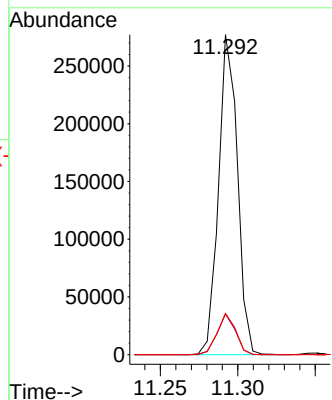
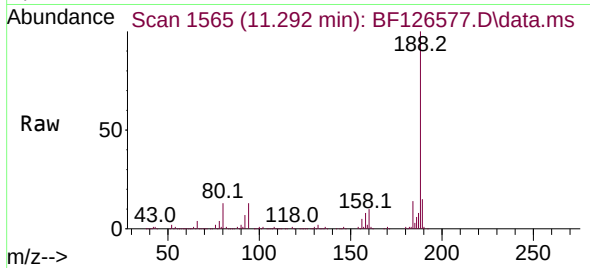




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

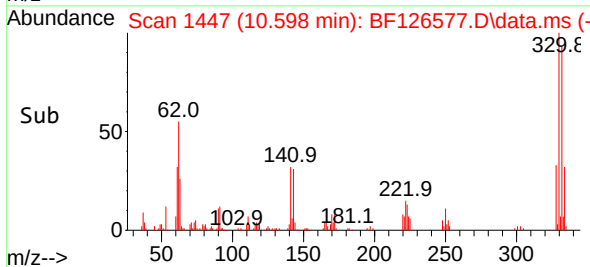
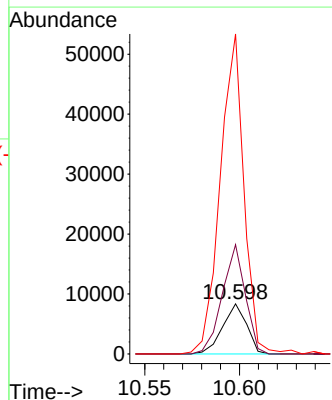
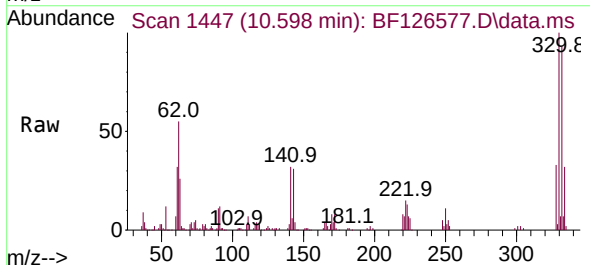
Instrument :
BNA_F
ClientSampleId :
SURFACE-01

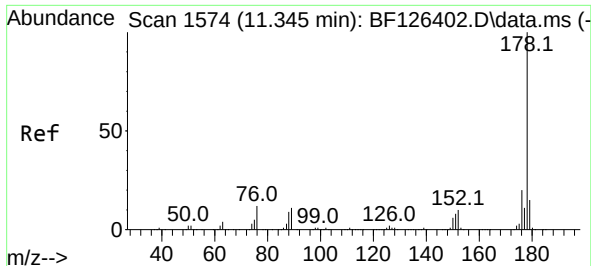
Tgt Ion:188 Resp: 234592
Ion Ratio Lower Upper
188 100
94 12.7 10.1 15.1
80 12.9 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 3.540 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.247 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Tgt Ion:248 Resp: 7371
Ion Ratio Lower Upper
248 100
250 217.8 76.2 114.4#
141 638.0 66.2 99.4#



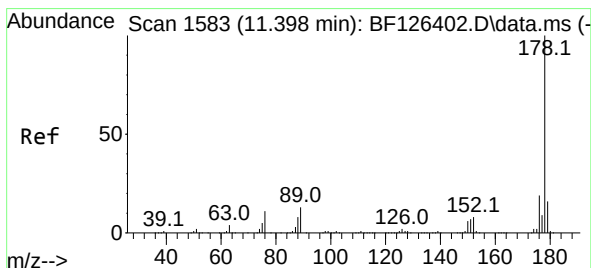
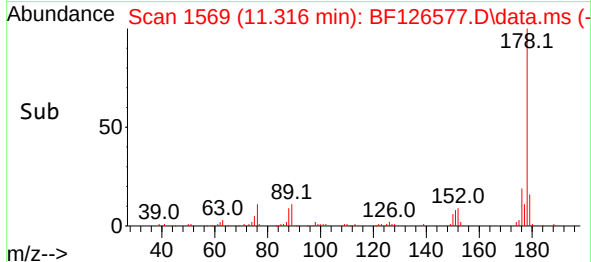
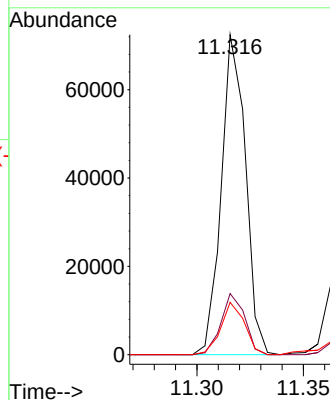
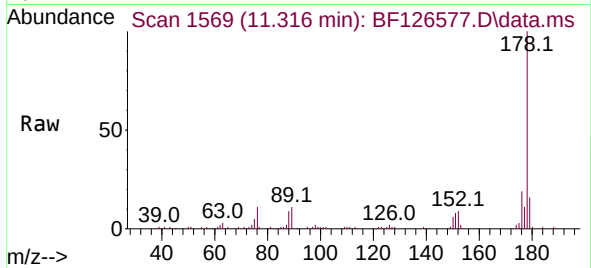


#71
Phenanthrene
Concen: 4.782 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Instrument :
BNA_F
ClientSampleId :
SURFACE-01

Tgt Ion:178 Resp: 57347

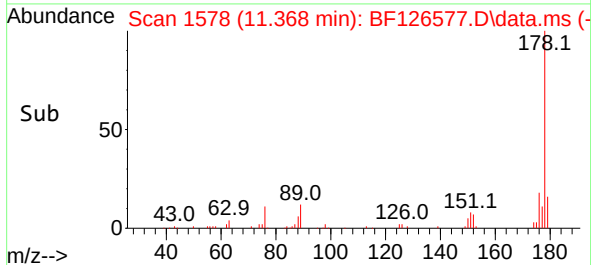
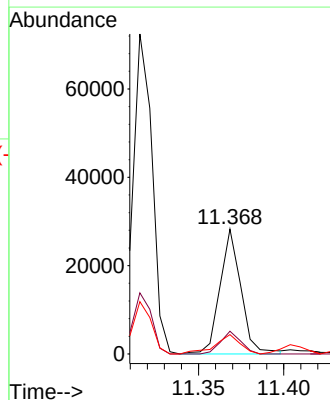
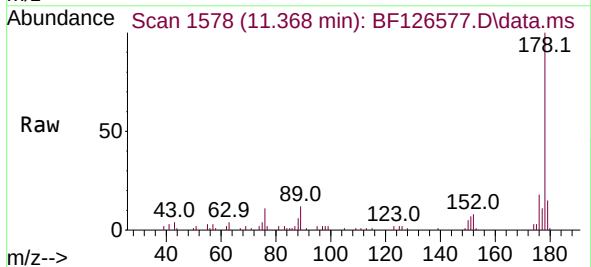
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	16.3	12.3	18.5

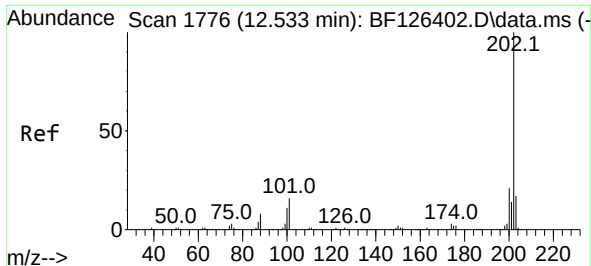


#72
Anthracene
Concen: 2.029 ng
RT: 11.368 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Tgt Ion:178 Resp: 24344

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.6
179	15.5	12.5	18.7

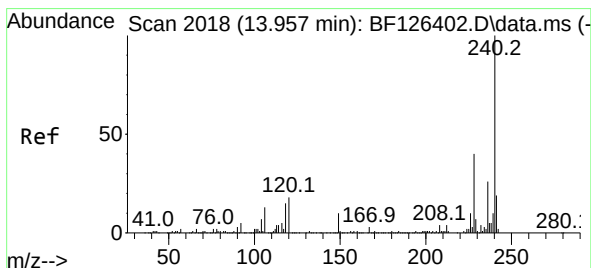
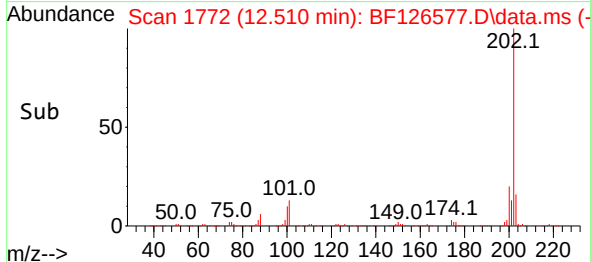
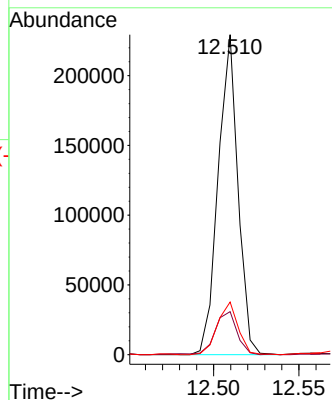
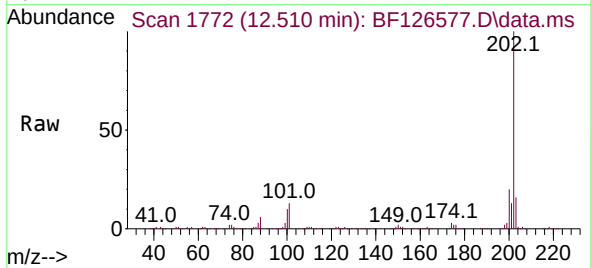




#75
Fluoranthene
Concen: 16.933 ng
RT: 12.510 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

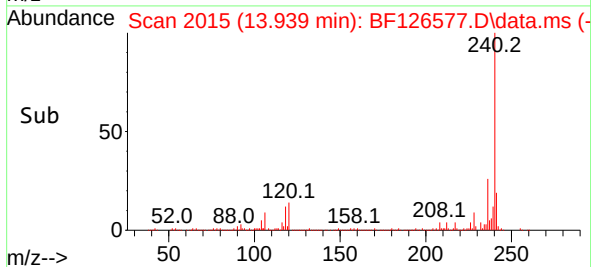
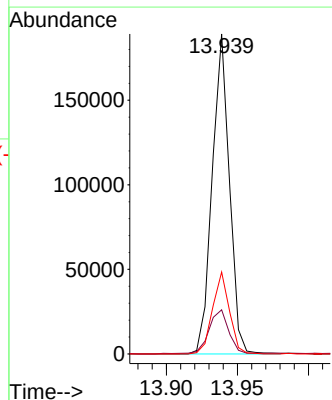
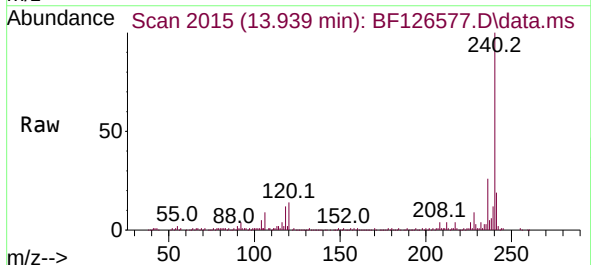
Instrument :
BNA_F
ClientSampleId :
SURFACE-01

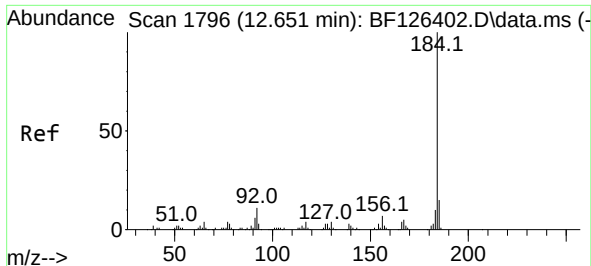
Tgt Ion:202 Resp: 185355
Ion Ratio Lower Upper
202 100
101 13.5 0.0 35.7
203 16.5 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Tgt Ion:240 Resp: 159253
Ion Ratio Lower Upper
240 100
120 13.8 14.4 21.6#
236 25.6 20.5 30.7

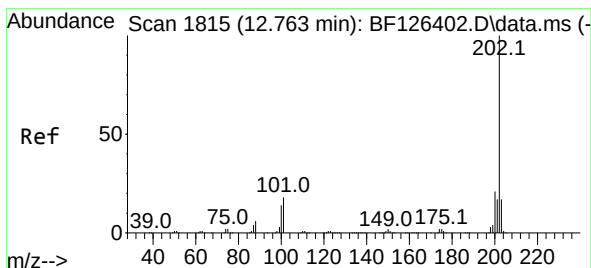
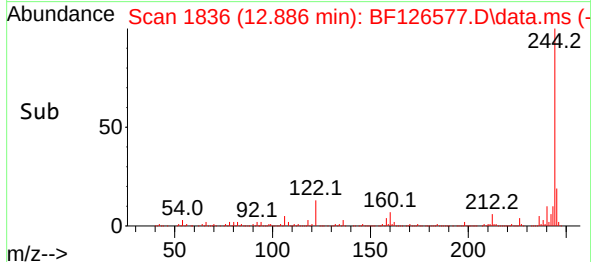
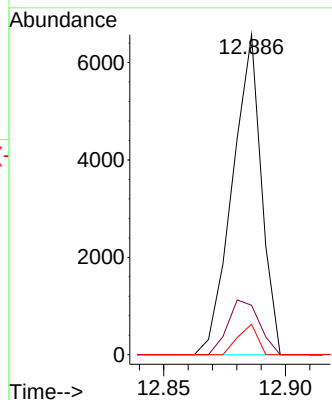
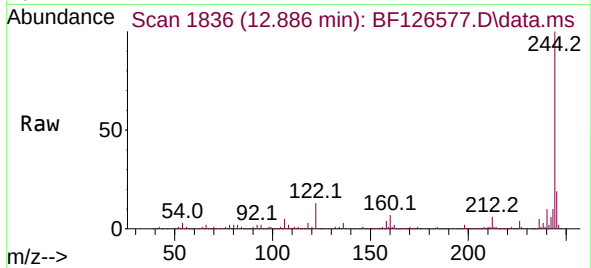




#77
Benzidine
Concen: Below Cal
RT: 12.886 min Scan# 1836
Delta R.T. 0.253 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

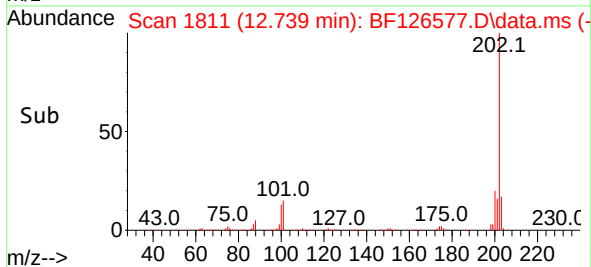
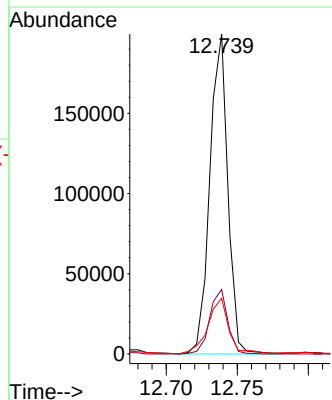
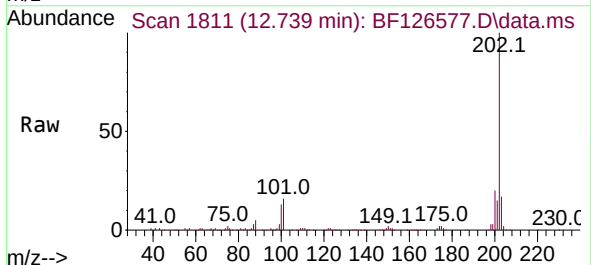
Instrument :
BNA_F
ClientSampleId :
SURFACE-01

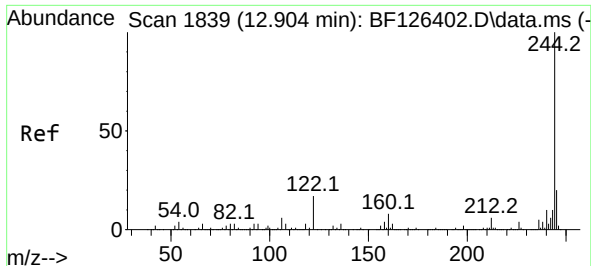
Tgt Ion:184 Resp: 5438
Ion Ratio Lower Upper
184 100
185 15.4 11.8 17.8
183 9.5 8.2 12.2



#78
Pyrene
Concen: 13.070 ng
RT: 12.739 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

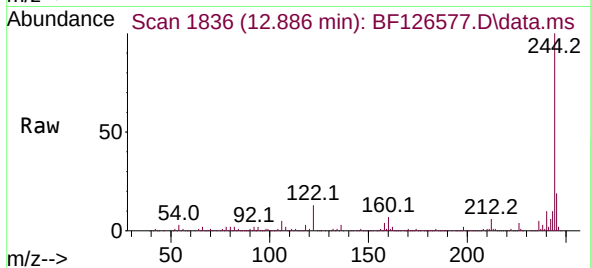
Tgt Ion:202 Resp: 175907
Ion Ratio Lower Upper
202 100
200 20.1 16.6 24.8
203 17.4 13.8 20.8



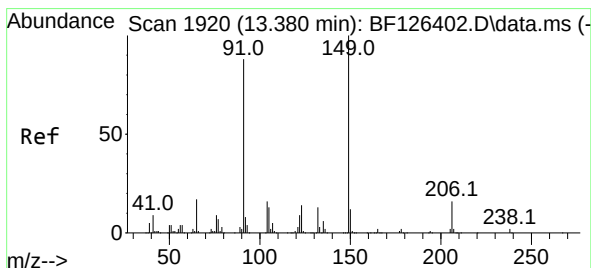
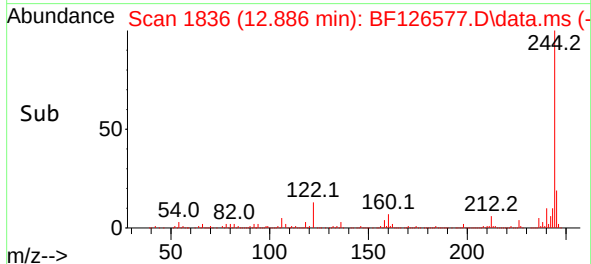
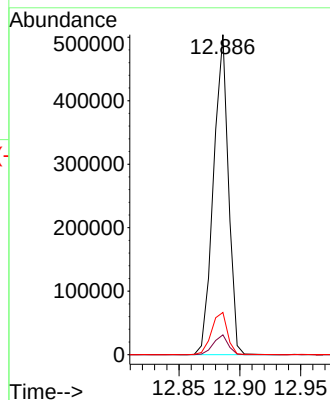


#79
 Terphenyl-d14
 Concen: 52.619 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF126577.D
 Acq: 10 Jan 2022 20:08

Instrument :
 BNA_F
 ClientSampleId :
 SURFACE-01

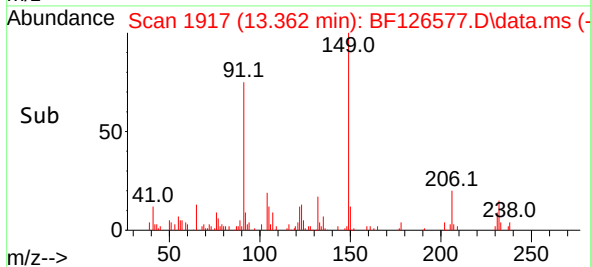
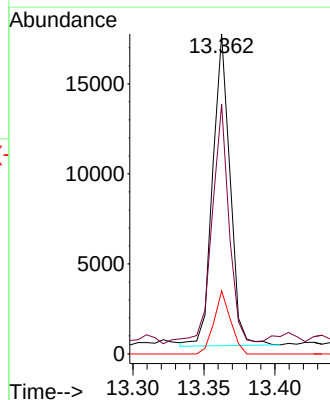
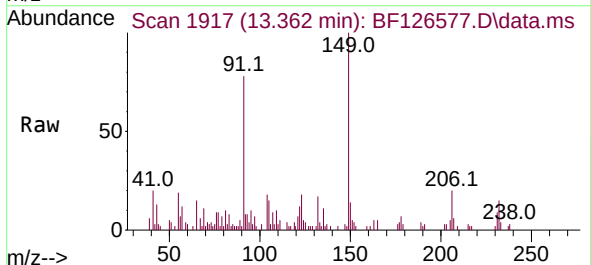


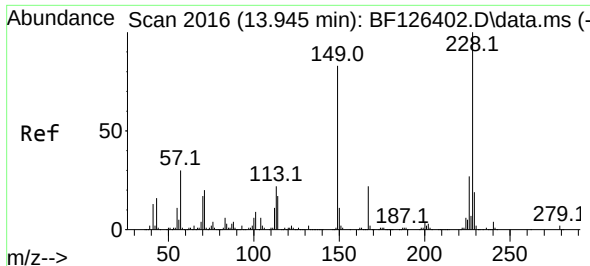
Tgt Ion:244 Resp: 431293
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 13.2 13.3 19.9#



#80
 Butylbenzylphthalate
 Concen: 2.465 ng
 RT: 13.362 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF126577.D
 Acq: 10 Jan 2022 20:08

Tgt Ion:149 Resp: 14702
 Ion Ratio Lower Upper
 149 100
 91 78.1 70.5 105.7
 206 19.8 12.6 19.0#

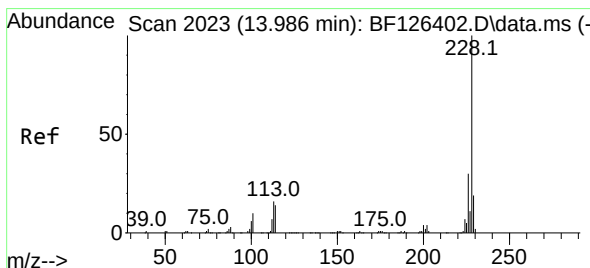
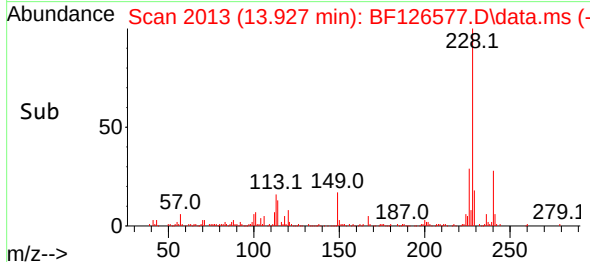
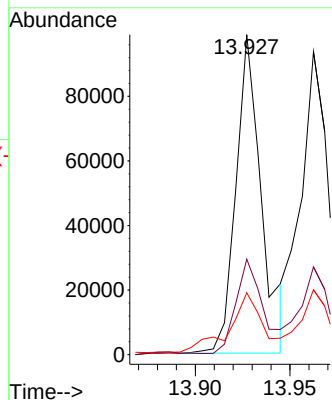
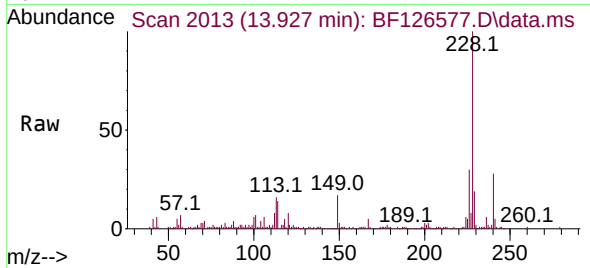




#81
Benzo(a)anthracene
Concen: 10.074 ng
RT: 13.927 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

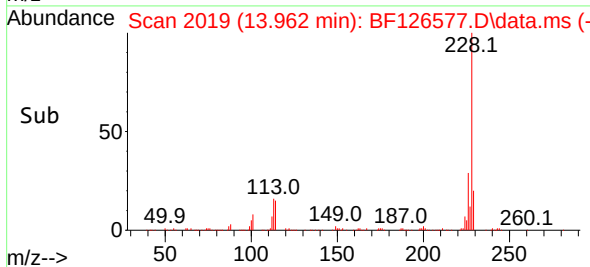
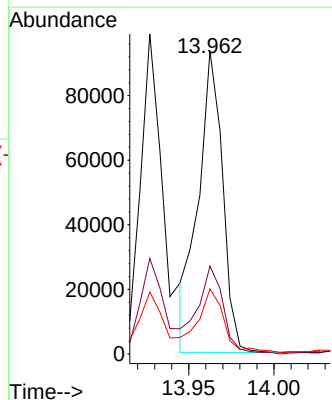
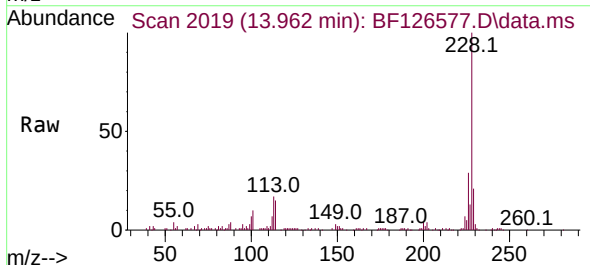
Instrument :
BNA_F
ClientSampleId :
SURFACE-01

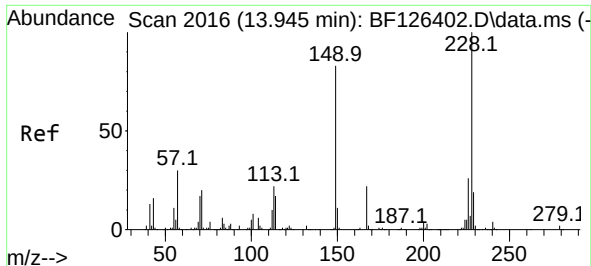
Tgt Ion:228 Resp: 92266
Ion Ratio Lower Upper
228 100
226 29.9 21.4 32.0
229 19.4 15.4 23.2



#83
Chrysene
Concen: 9.853 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Tgt Ion:228 Resp: 92567
Ion Ratio Lower Upper
228 100
226 29.0 23.7 35.5
229 21.4 15.5 23.3

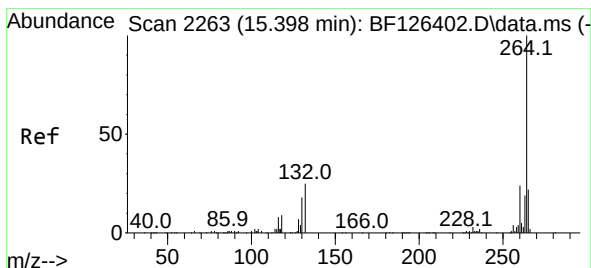
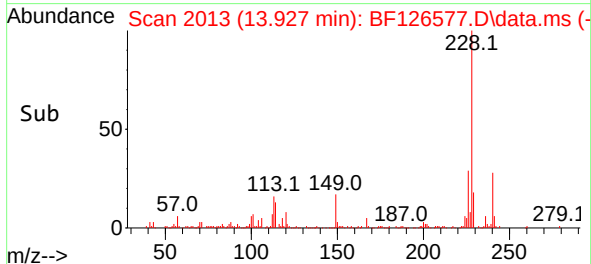
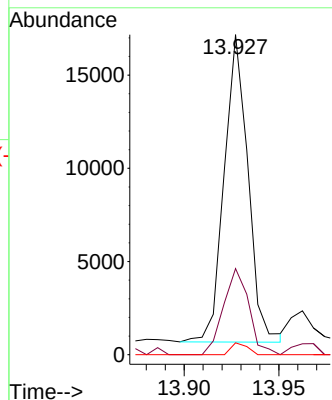
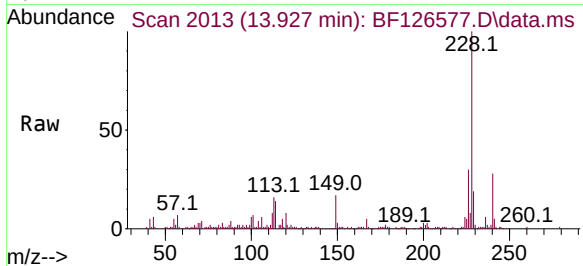




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.341 ng
RT: 13.927 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

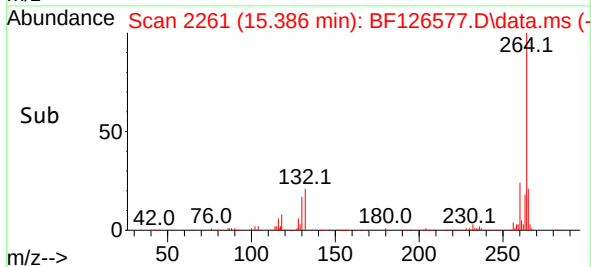
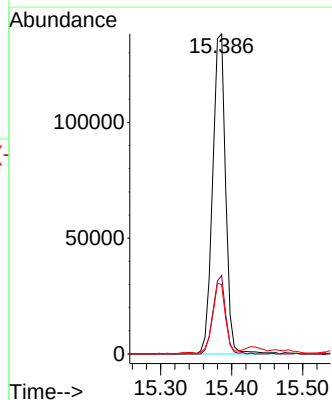
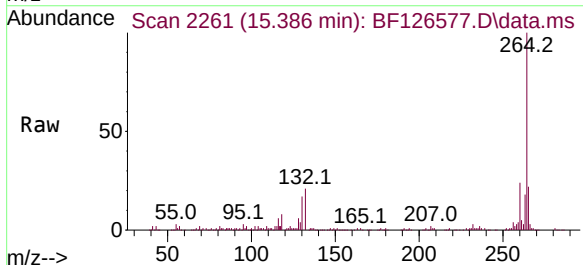
Instrument :
BNA_F
ClientSampleId :
SURFACE-01

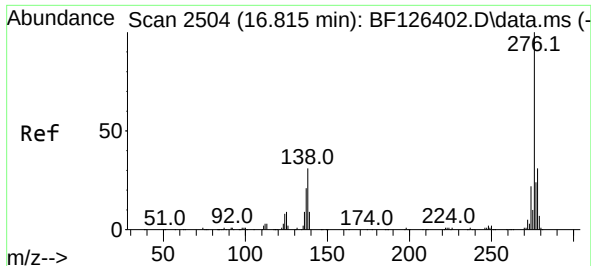
Tgt Ion:149 Resp: 14466
Ion Ratio Lower Upper
149 100
167 26.9 21.4 32.2
279 3.7 2.4 3.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.012 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Tgt Ion:264 Resp: 175753
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.6 17.4 26.2

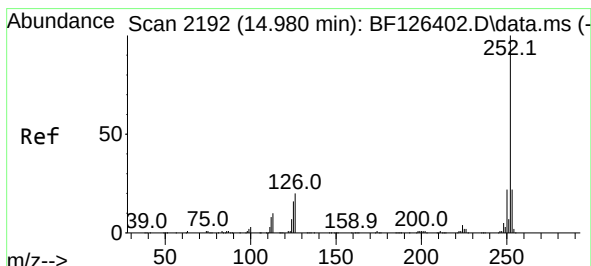
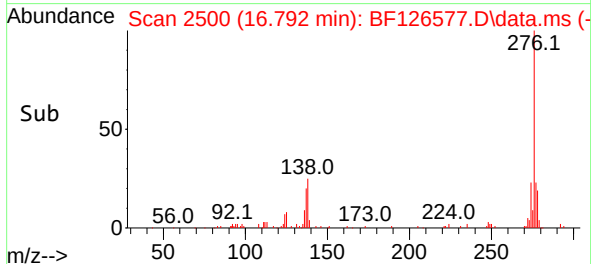
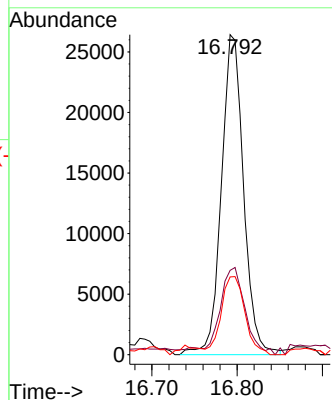
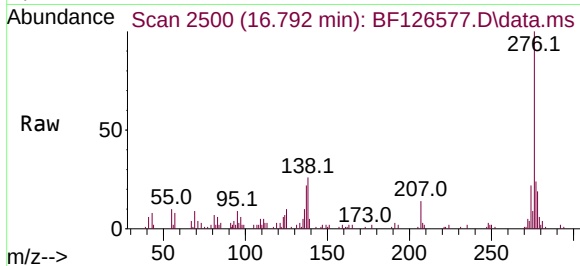




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.074 ng
 RT: 16.792 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: BF126577.D
 Acq: 10 Jan 2022 20:08

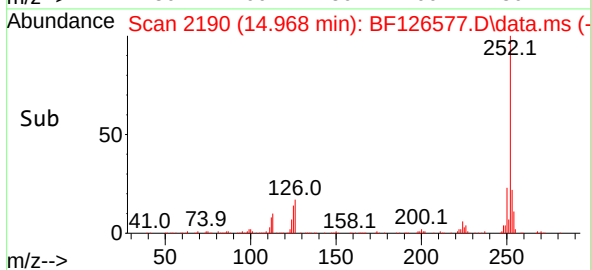
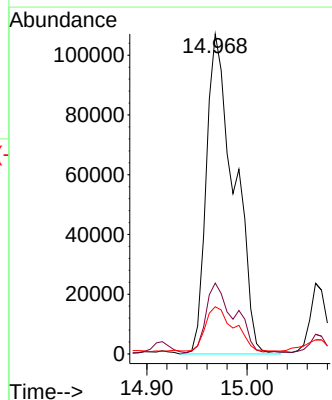
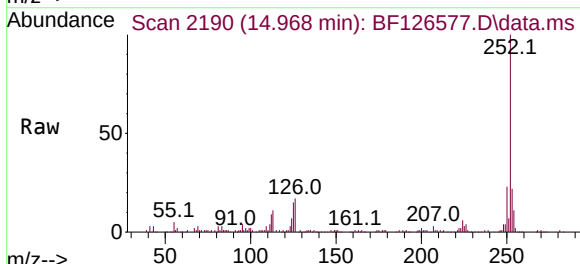
Instrument :
 BNA_F
 ClientSampleId :
 SURFACE-01

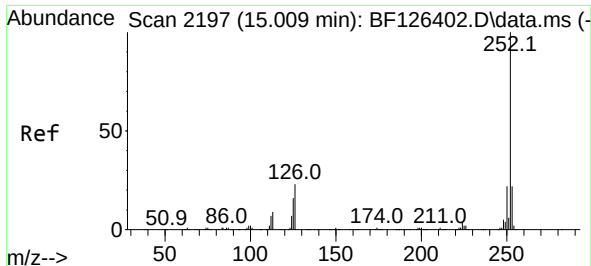
Tgt Ion:276 Resp: 47915
 Ion Ratio Lower Upper
 276 100
 138 30.6 29.2 43.8
 277 26.0 19.8 29.8



#88
 Benzo(b)fluoranthene
 Concen: 19.784 ng
 RT: 14.968 min Scan# 2190
 Delta R.T. -0.018 min
 Lab File: BF126577.D
 Acq: 10 Jan 2022 20:08

Tgt Ion:252 Resp: 207138
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.8 26.8
 125 14.7 12.4 18.6

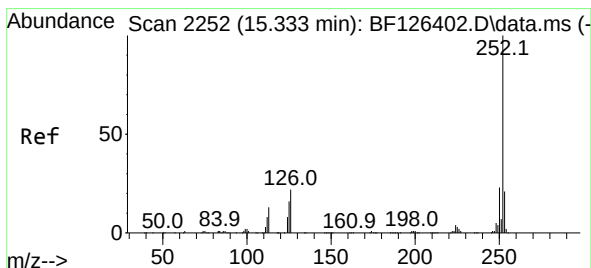
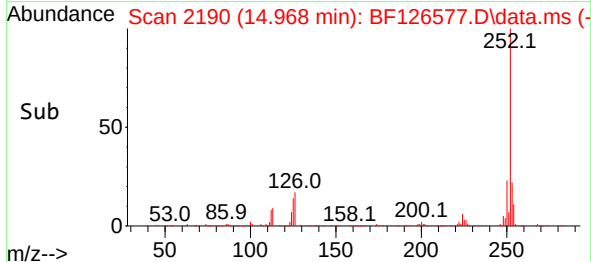
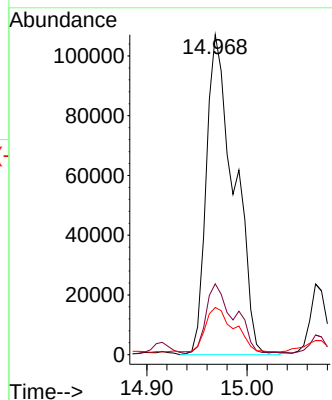
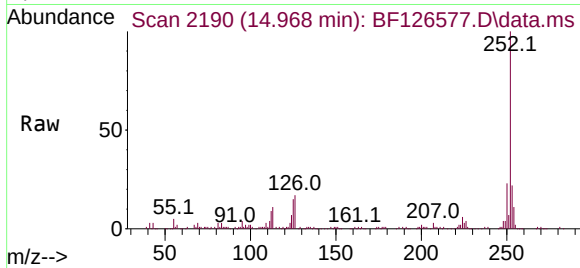




#89
Benzo(k)fluoranthene
Concen: 20.423 ng
RT: 14.968 min Scan# 2190
Delta R.T. -0.047 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

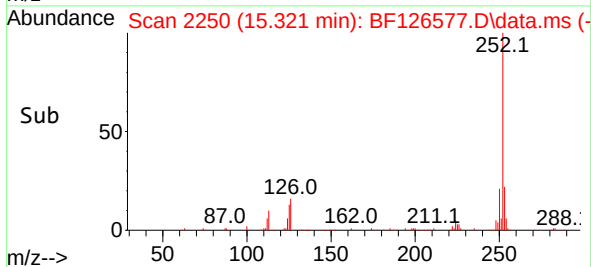
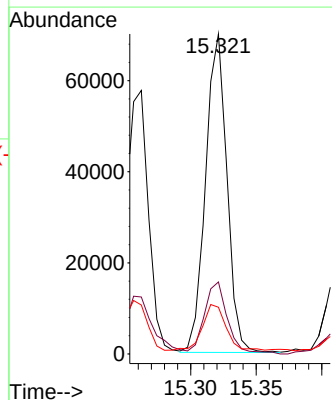
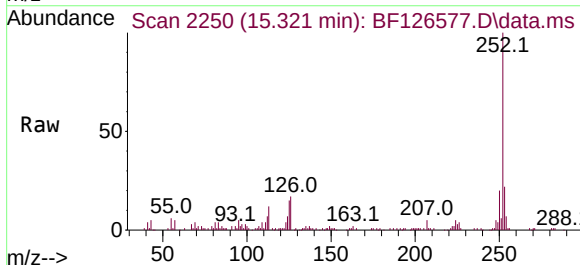
Instrument :
BNA_F
ClientSampleId :
SURFACE-01

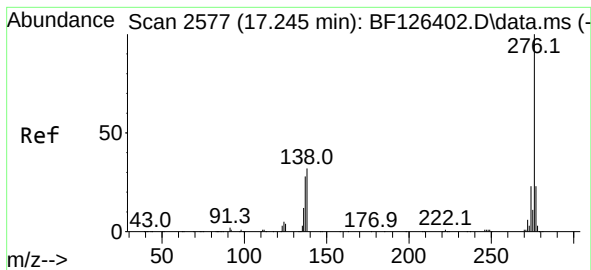
Tgt Ion:252 Resp: 207138
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 14.7 11.8 17.6



#90
Benzo(a)pyrene
Concen: 9.040 ng
RT: 15.321 min Scan# 2250
Delta R.T. -0.018 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

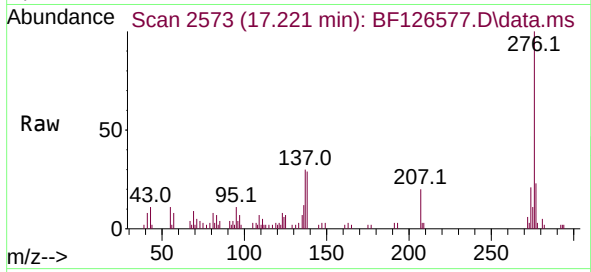
Tgt Ion:252 Resp: 79362
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 14.6 13.0 19.6





#92
 Benzo(g,h,i)perylene
 Concen: 3.915 ng
 RT: 17.221 min Scan# 21
 Delta R.T. -0.041 min
 Lab File: BF126577.D
 Acq: 10 Jan 2022 20:08

Instrument :
 BNA_F
 ClientSampleId :
 SURFACE-01



Tgt Ion:	276	Resp:	39568
Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.5	27.7
138	28.9	25.9	38.9

