

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133129.D
 Acq On : 28 Apr 2023 19:22
 Operator : CG\JU
 Sample : 02502-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-511-COMP-02

Quant Time: May 01 03:07:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 03:03:04 2023
 Response via : Initial Calibration

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

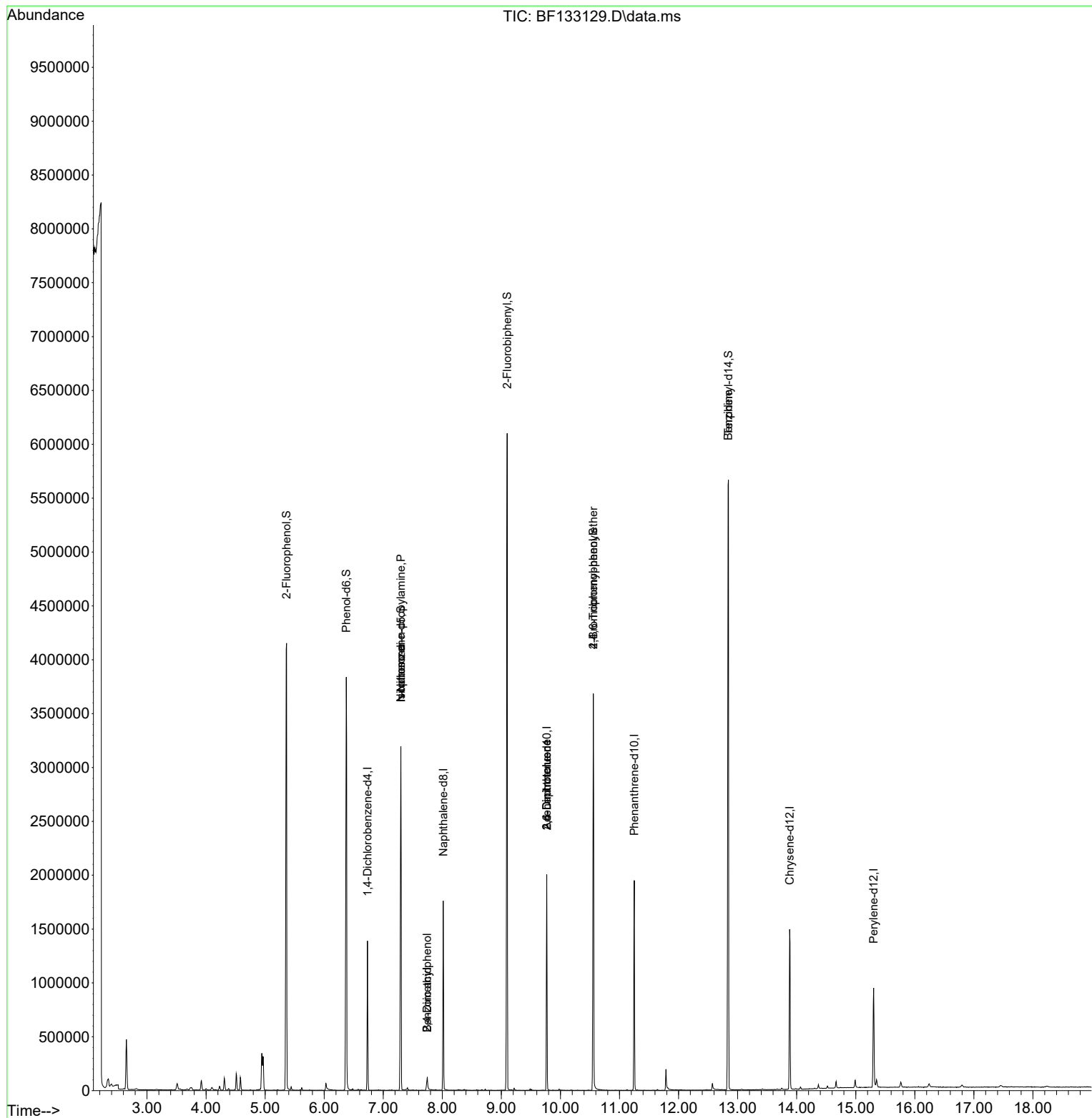
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	173433	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	691817	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	360974	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	657726	20.000	ng	0.00
76) Chrysene-d12	13.880	240	494629	20.000	ng	-0.01
86) Perylene-d12	15.304	264	402438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1397979	121.765	ng	0.02
7) Phenol-d6	6.375	99	1574260	110.472	ng	0.00
23) Nitrobenzene-d5	7.298	82	1084311	84.600	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	513337	141.404	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1856693	86.052	ng	0.00
79) Terphenyl-d14	12.845	244	2348782	81.897	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.281	77	154	Below Cal	#	74
19) n-Nitroso-di-n-propyla...	7.298	70	141926	15.998	ng	# 75
25) Isophorone	7.298	82	1082774	44.495	ng	# 63
27) 2,4-Dimethylphenol	7.745	122	34152	3.179	ng	# 5
32) Benzoic acid	7.745	122	34152	5.147	ng	# 98
51) 2,6-Dinitrotoluene	9.769	165	46921	8.282	ng	# 24
57) 2,4-Dinitrotoluene	9.769	165	46921	6.495	ng	# 23
67) 4-Bromophenyl-phenylether	10.557	248	30757	4.312	ng	# 1
77) Benzidine	12.839	184	26092	3.119	ng	# 91

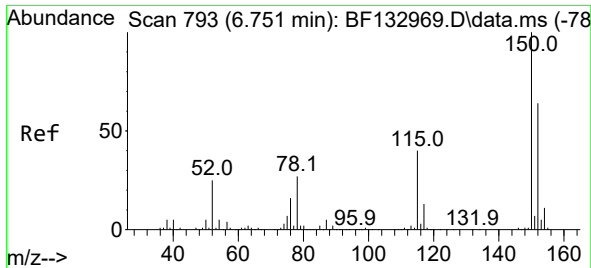
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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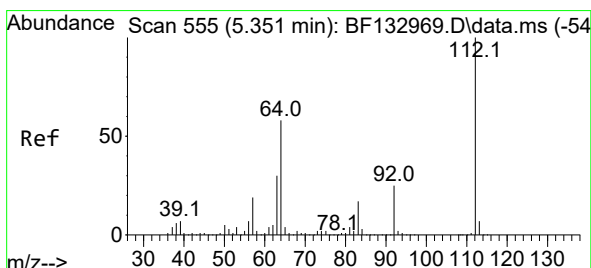
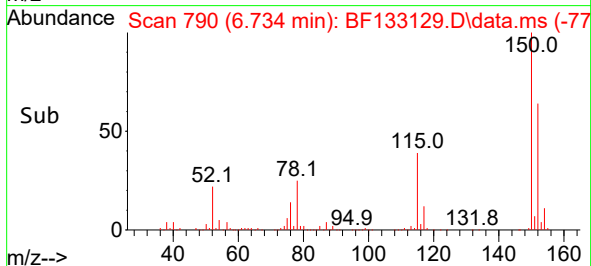
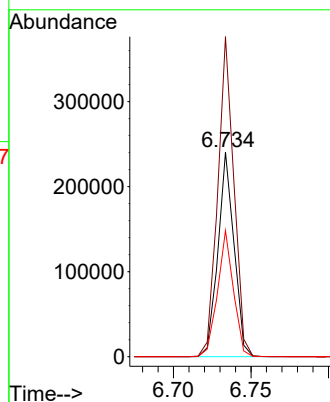
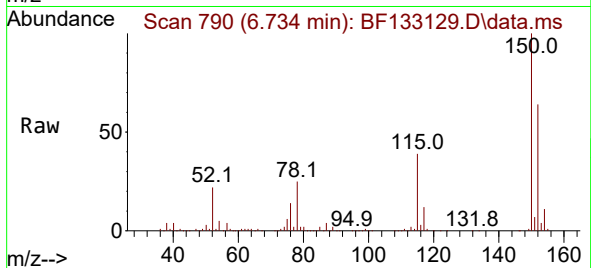




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 793
 Delta R.T. -0.005 min
 Lab File: BF133129.D
 Acq: 28 Apr 2023 19:22

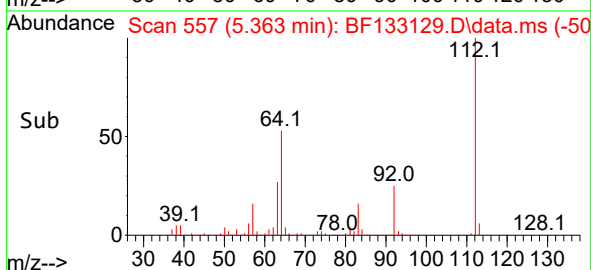
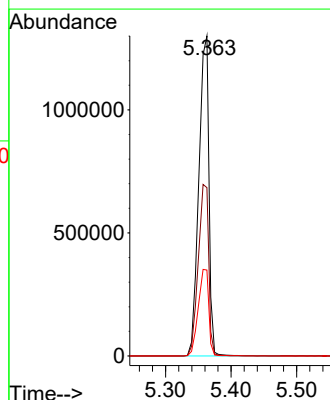
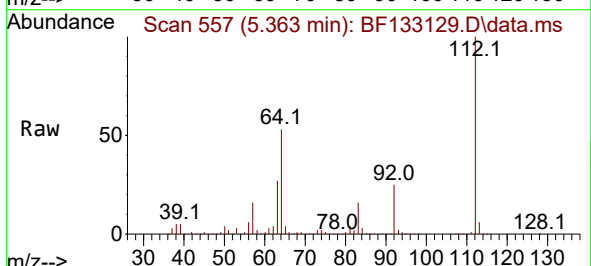
Instrument :
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 BU-511-COMP-02

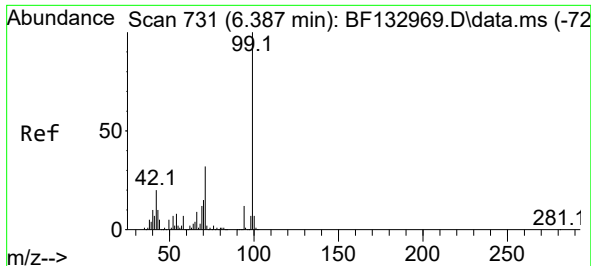
Tgt Ion:152 Resp: 173433
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.8 187.2
 115 61.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 121.765 ng
 RT: 5.363 min Scan# 557
 Delta R.T. 0.023 min
 Lab File: BF133129.D
 Acq: 28 Apr 2023 19:22

Tgt Ion:112 Resp: 1397979
 Ion Ratio Lower Upper
 112 100
 64 52.6 46.8 70.2
 63 26.8 23.8 35.8

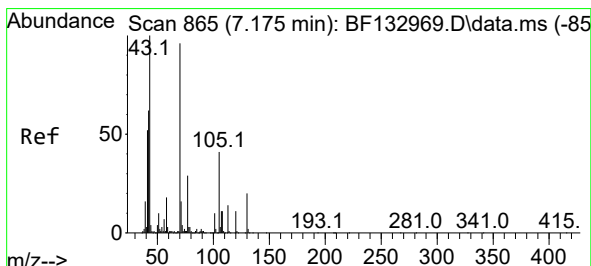
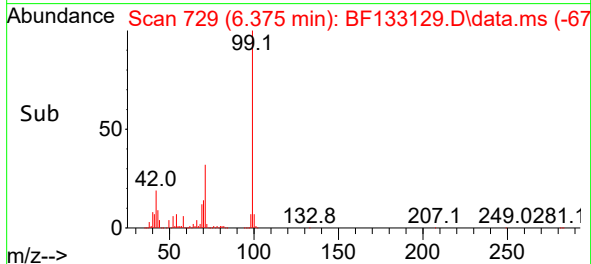
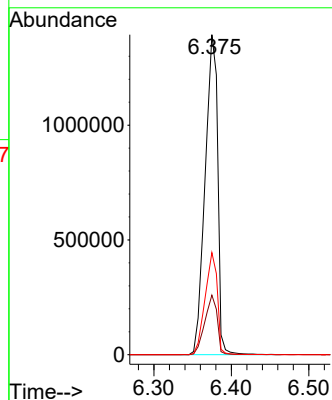
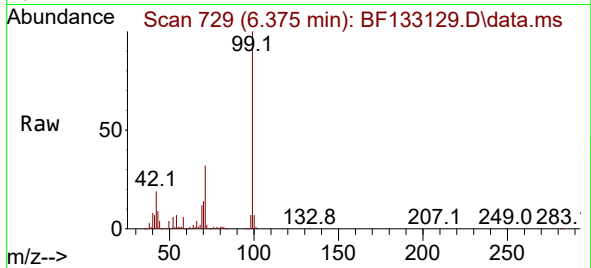




#7
Phenol-d6
Concen: 110.472 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133129.D
Acq: 28 Apr 2023 19:22

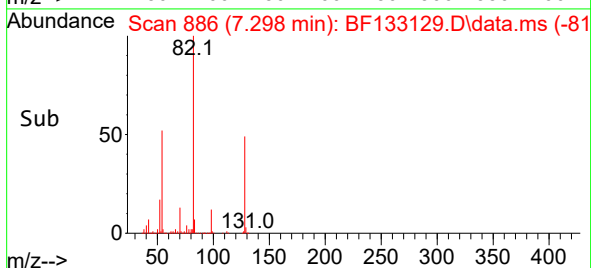
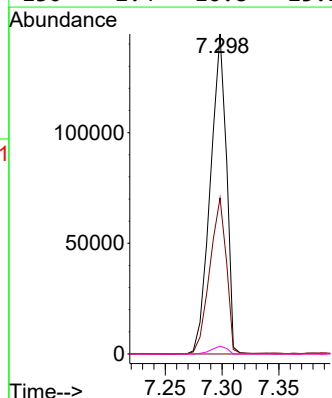
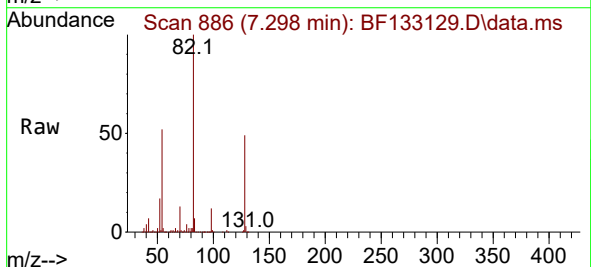
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-02

Tgt Ion: 99 Resp: 1574260
Ion Ratio Lower Upper
99 100
42 18.6 16.3 24.5
71 31.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.998 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF133129.D
Acq: 28 Apr 2023 19:22

Tgt Ion: 70 Resp: 141926
Ion Ratio Lower Upper
70 100
42 48.8 51.8 77.6#
101 0.0 8.0 12.0#
130 2.4 16.8 25.2#

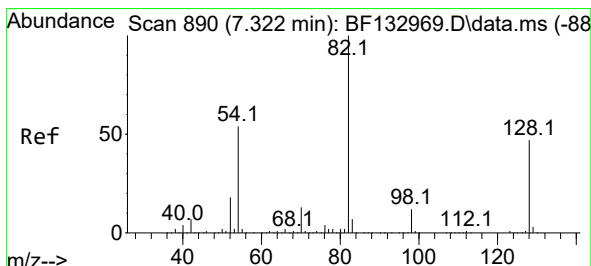
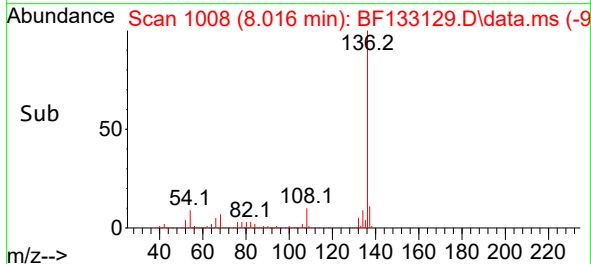
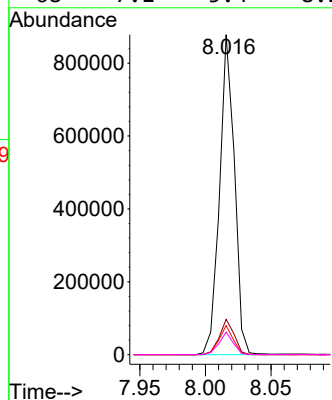
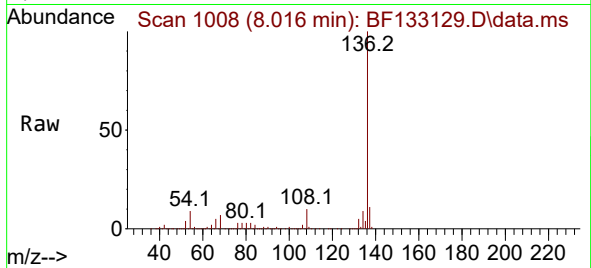




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133129.D
Acq: 28 Apr 2023 19:22

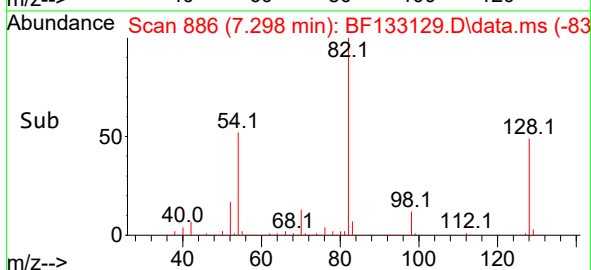
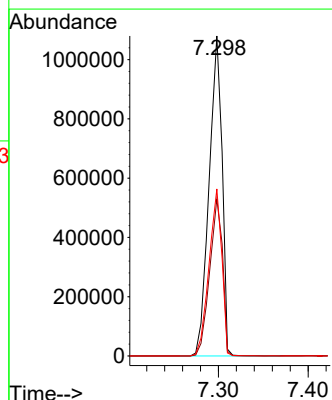
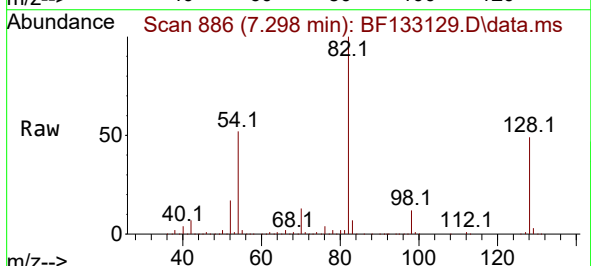
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ClientSampleId :
BU-511-COMP-02

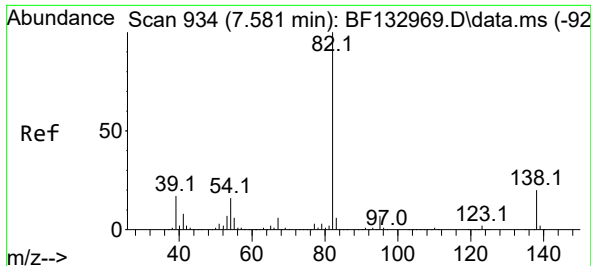
Tgt Ion:136 Resp: 691817
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.1 7.0 10.4
68 7.1 5.4 8.2



#23
Nitrobenzene-d5
Concen: 84.600 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133129.D
Acq: 28 Apr 2023 19:22

Tgt Ion: 82 Resp: 1084311
Ion Ratio Lower Upper
82 100
128 49.0 37.7 56.5
54 52.2 43.0 64.4

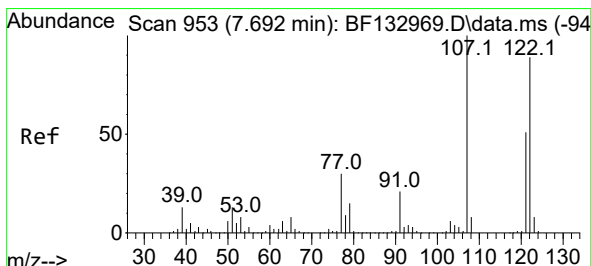
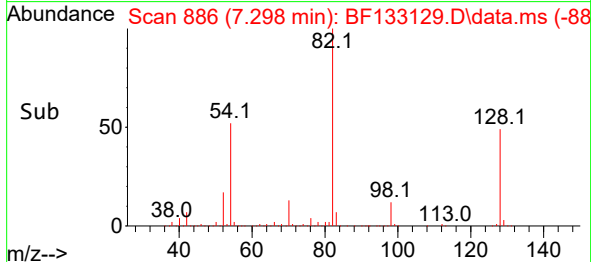
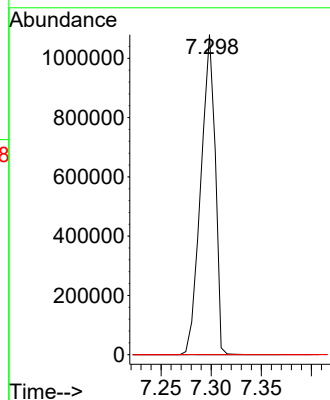
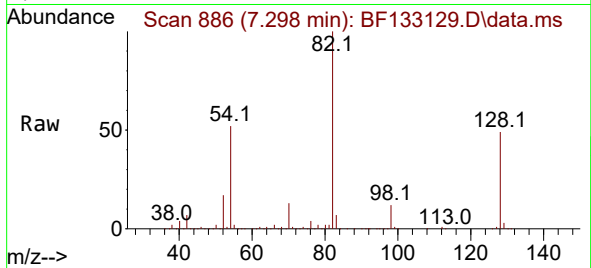




#25
Isophorone
Concen: 44.495 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133129.D
Acq: 28 Apr 2023 19:22

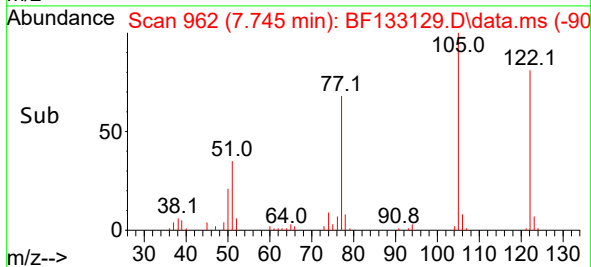
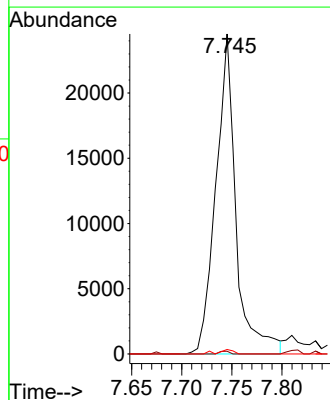
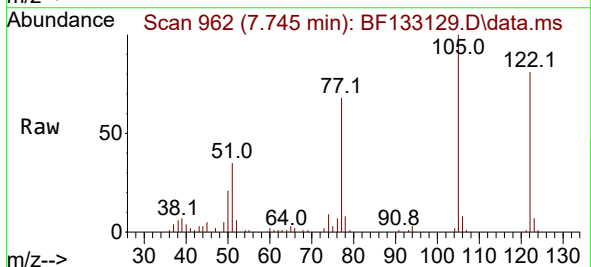
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ClientSampleId :
BU-511-COMP-02

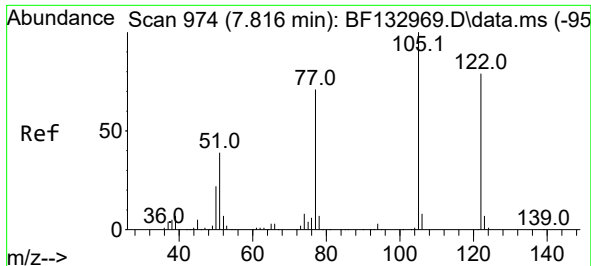
Tgt Ion: 82 Resp: 1082774
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#27
2,4-Dimethylphenol
Concen: 3.179 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.065 min
Lab File: BF133129.D
Acq: 28 Apr 2023 19:22

Tgt Ion: 122 Resp: 34152
Ion Ratio Lower Upper
122 100
107 0.8 89.7 134.5#
121 1.4 46.0 69.0#

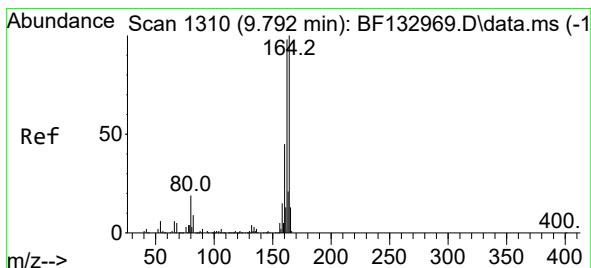
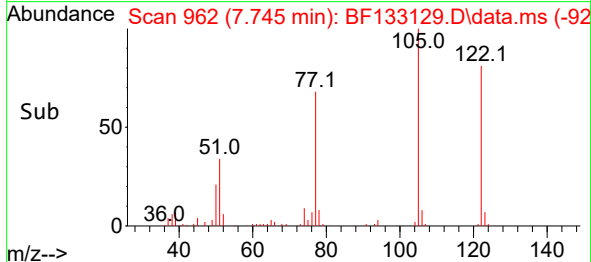
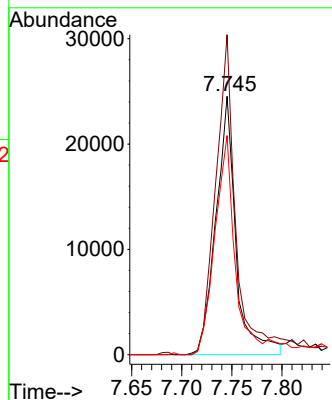
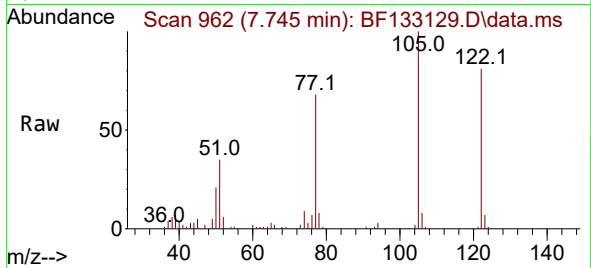




#32
Benzoic acid
Concen: 5.147 ng
RT: 7.745 min Scan# 91
Delta R.T. -0.053 min
Lab File: BF133129.D
Acq: 28 Apr 2023 19:22

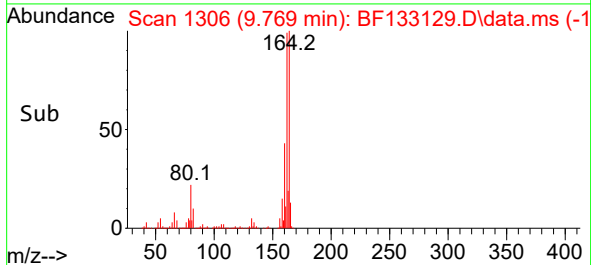
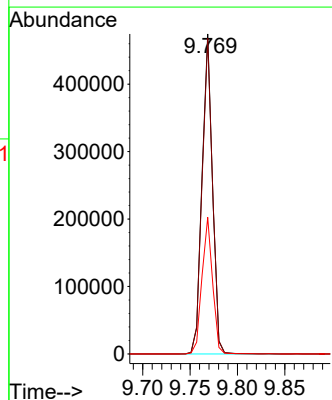
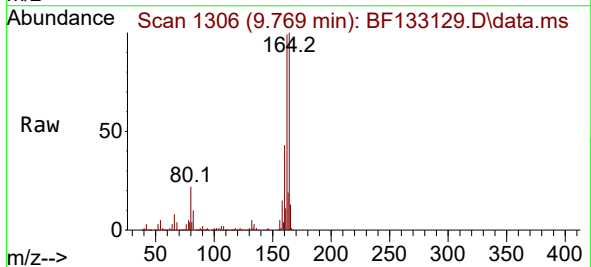
Instrument :
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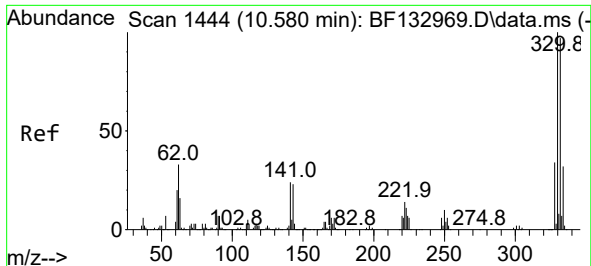
Tgt Ion:122 Resp: 34152
Ion Ratio Lower Upper
122 100
105 123.9 104.2 144.2
77 84.8 69.7 109.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF133129.D
Acq: 28 Apr 2023 19:22

Tgt Ion:164 Resp: 360974
Ion Ratio Lower Upper
164 100
162 98.6 78.7 118.1
160 42.7 35.8 53.6

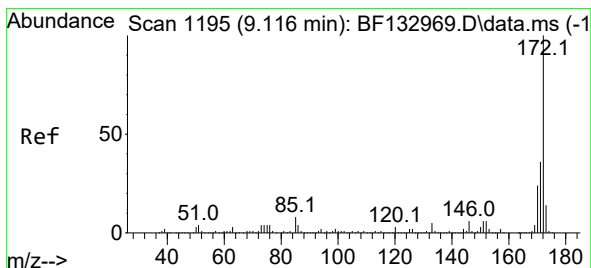
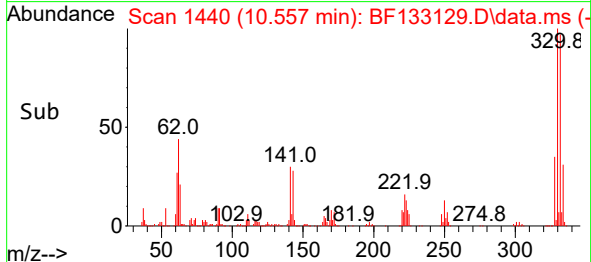
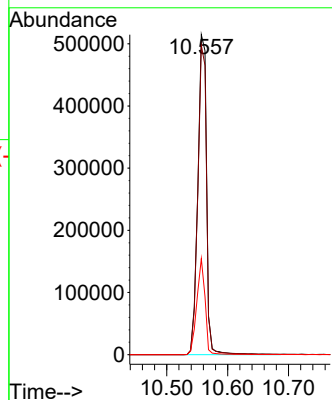
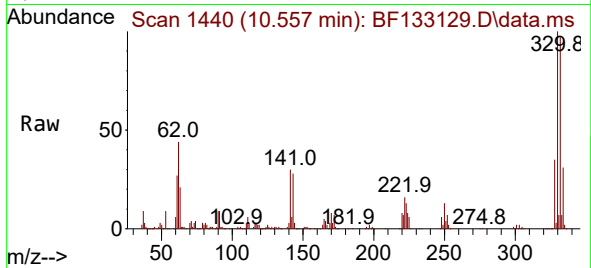




#42
2,4,6-Tribromophenol
Concen: 141.404 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF133129.D
Acq: 28 Apr 2023 19:22

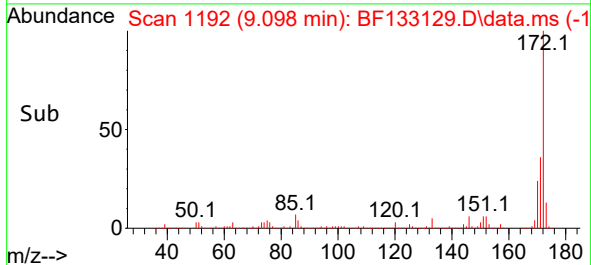
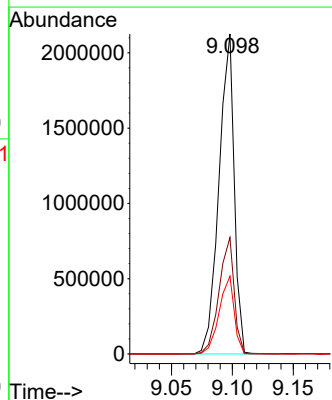
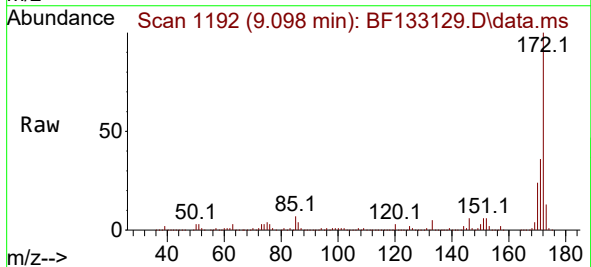
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BU-511-COMP-02

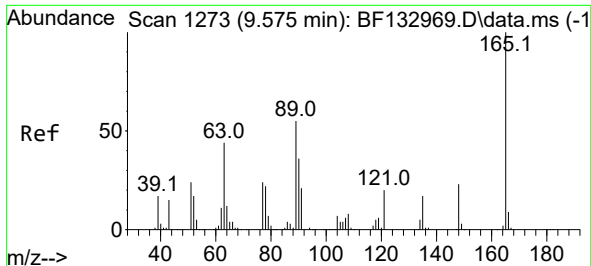
Tgt Ion:330 Resp: 513337
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 28.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 86.052 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF133129.D
Acq: 28 Apr 2023 19:22

Tgt Ion:172 Resp: 1856693
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.3 19.4 29.2

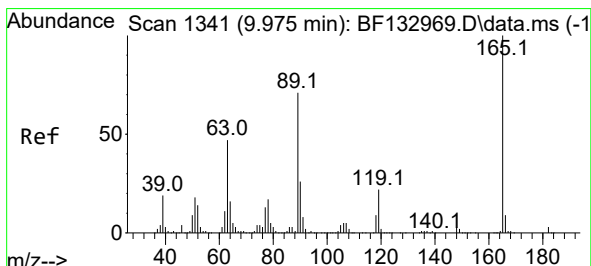
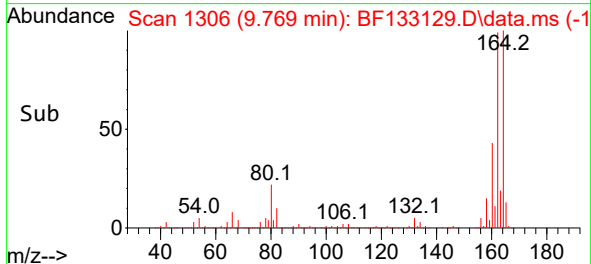
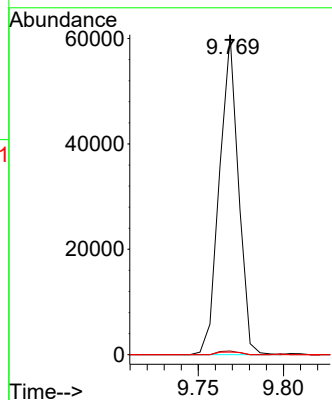
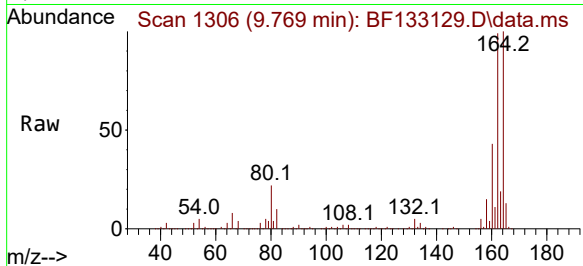




#51
2,6-Dinitrotoluene
Concen: 8.282 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133129.D
Acq: 28 Apr 2023 19:22

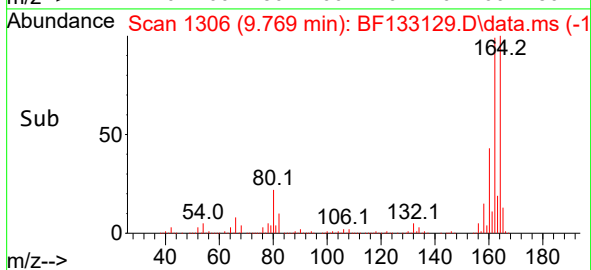
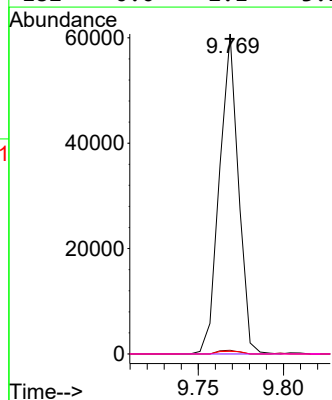
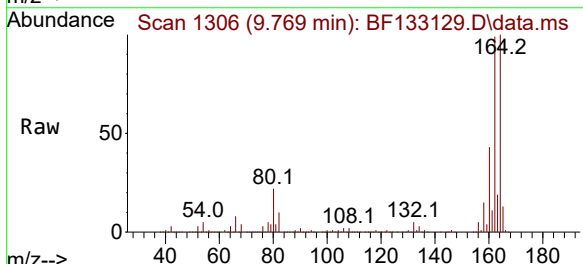
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-02

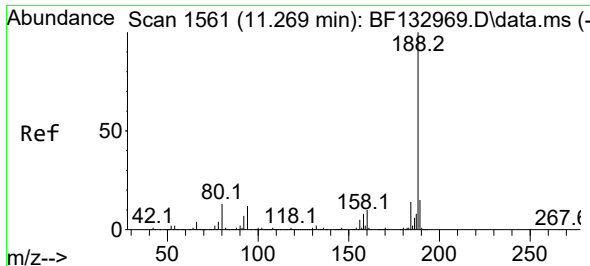
Tgt Ion:165 Resp: 46921
Ion Ratio Lower Upper
165 100
63 1.2 45.9 68.9#
89 0.8 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.495 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF133129.D
Acq: 28 Apr 2023 19:22

Tgt Ion:165 Resp: 46921
Ion Ratio Lower Upper
165 100
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89 0.8 57.0 85.4#
182 0.0 2.1 3.1#

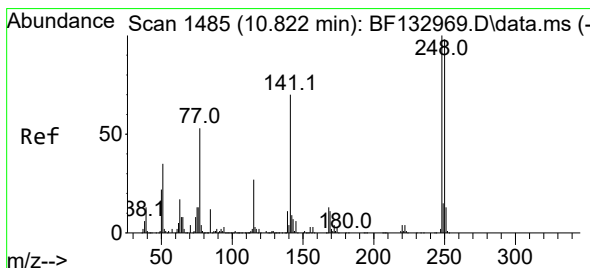
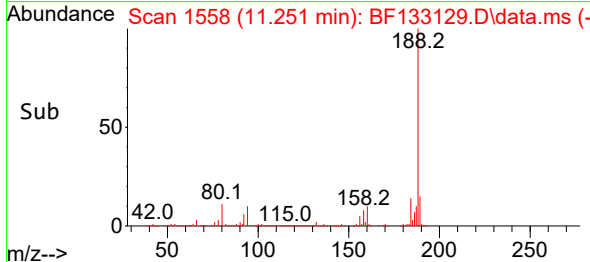
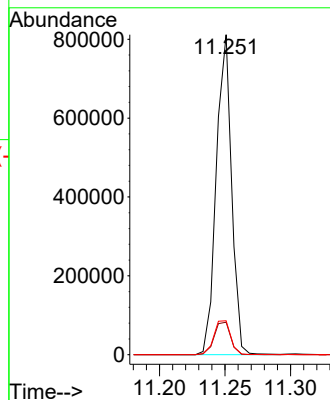
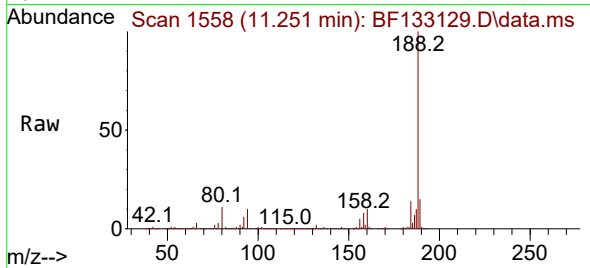




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133129.D
Acq: 28 Apr 2023 19:22

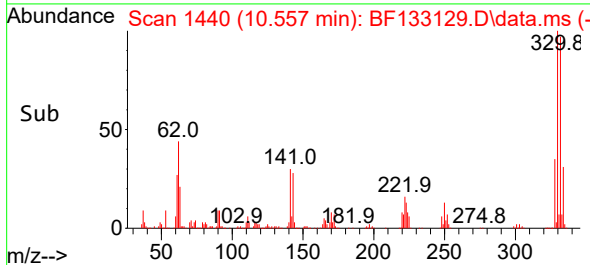
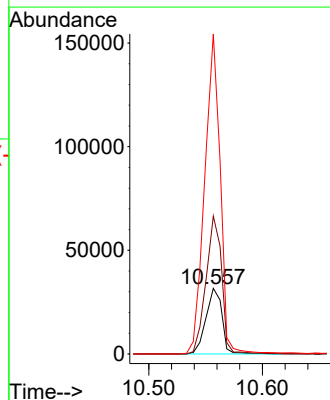
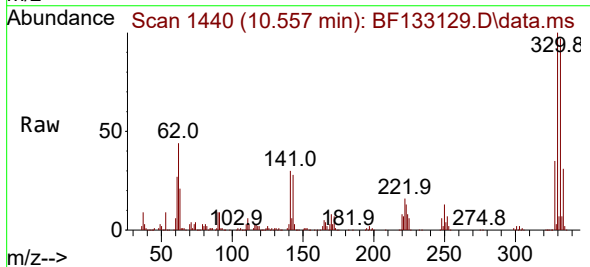
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-02

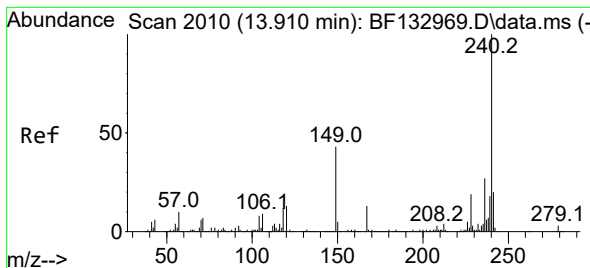
Tgt Ion:188 Resp: 657726
Ion Ratio Lower Upper
188 100
94 10.2 9.7 14.5
80 10.6 10.4 15.6



#67
4-Bromophenyl-phenylether
Concen: 4.312 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.247 min
Lab File: BF133129.D
Acq: 28 Apr 2023 19:22

Tgt Ion:248 Resp: 30757
Ion Ratio Lower Upper
248 100
250 210.4 78.7 118.1#
141 488.0 56.3 84.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF133129.D

Acq: 28 Apr 2023 19:22

Instrument :

BNA_F

ClientSampleId :

BU-511-COMP-02

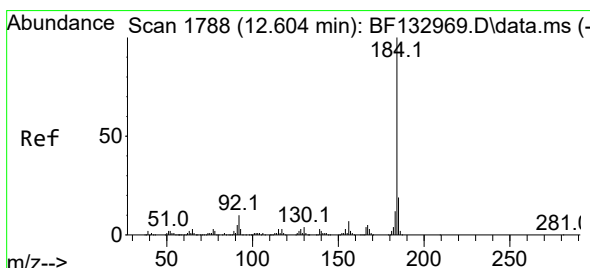
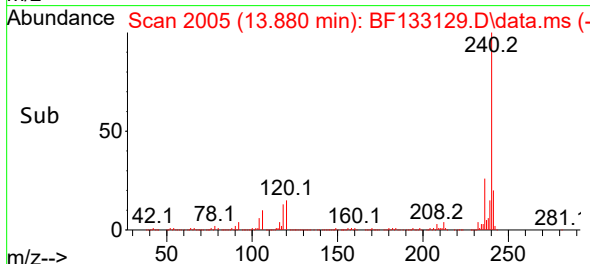
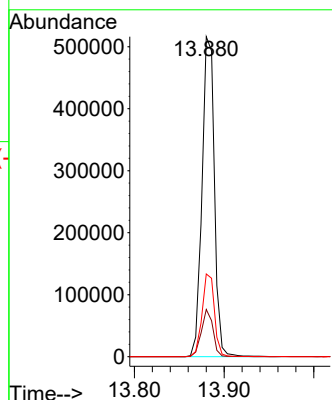
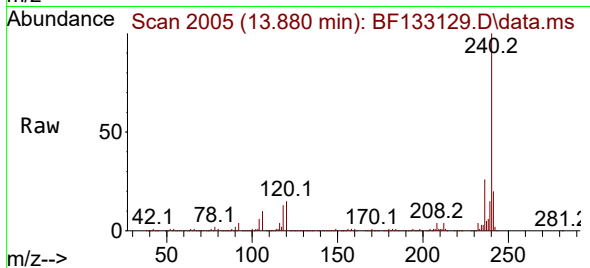
Tgt Ion:240 Resp: 494629

Ion Ratio Lower Upper

240 100

120 14.7 10.5 15.7

236 25.9 21.5 32.3



#77

Benidine

Concen: 3.119 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.253 min

Lab File: BF133129.D

Acq: 28 Apr 2023 19:22

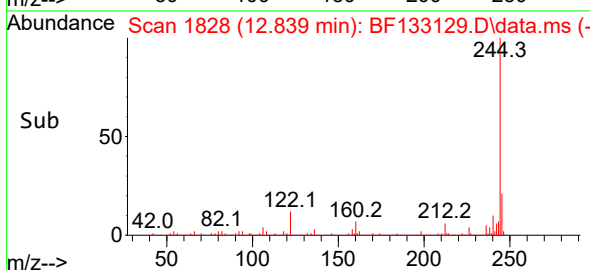
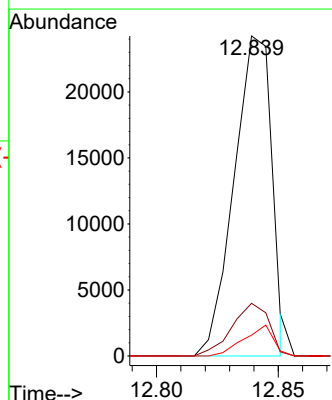
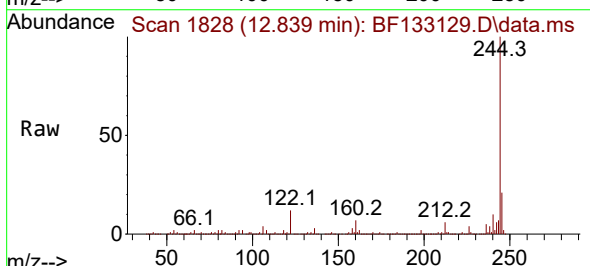
Tgt Ion:184 Resp: 26092

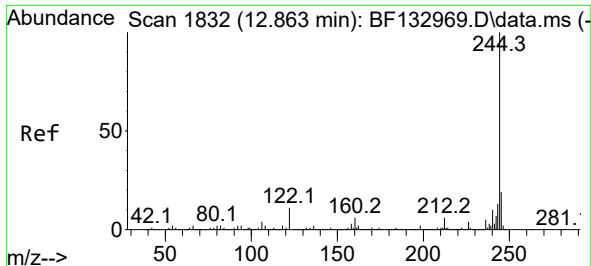
Ion Ratio Lower Upper

184 100

185 16.4 15.4 23.2

183 6.5 9.4 14.0#

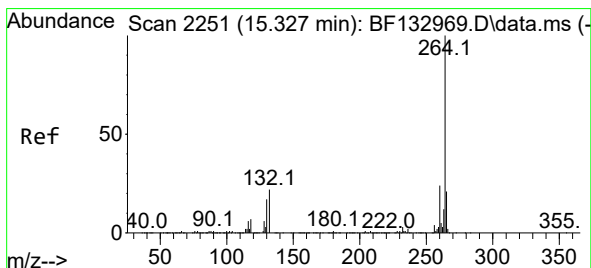
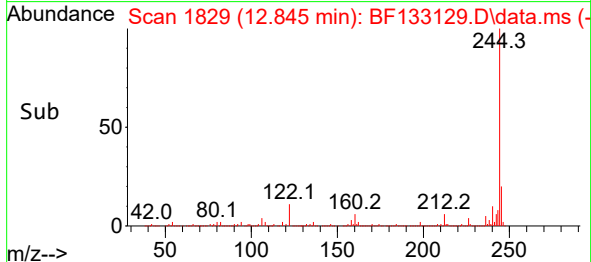
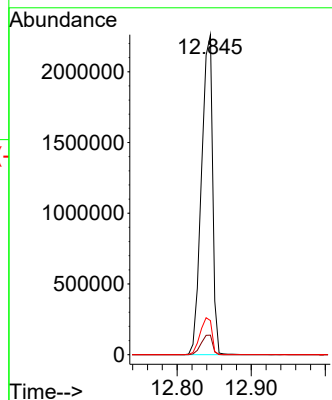
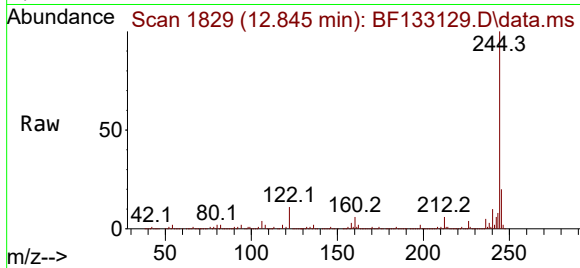




#79
 Terphenyl-d14
 Concen: 81.897 ng
 RT: 12.845 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF133129.D
 Acq: 28 Apr 2023 19:22

Instrument :
 BNA_F
 ClientSampleId :
 BU-511-COMP-02

Tgt Ion:244 Resp: 2348782
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.1 7.7
 122 10.6 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. -0.006 min
 Lab File: BF133129.D
 Acq: 28 Apr 2023 19:22

Tgt Ion:264 Resp: 402438
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 21.8 17.0 25.4

