

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
 Data File : BF133105.D
 Acq On : 27 Apr 2023 17:54
 Operator : CG\JU
 Sample : 02504-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-512-COMP-03

Quant Time: Apr 28 02:11:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:00:53 2023
 Response via : Initial Calibration

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

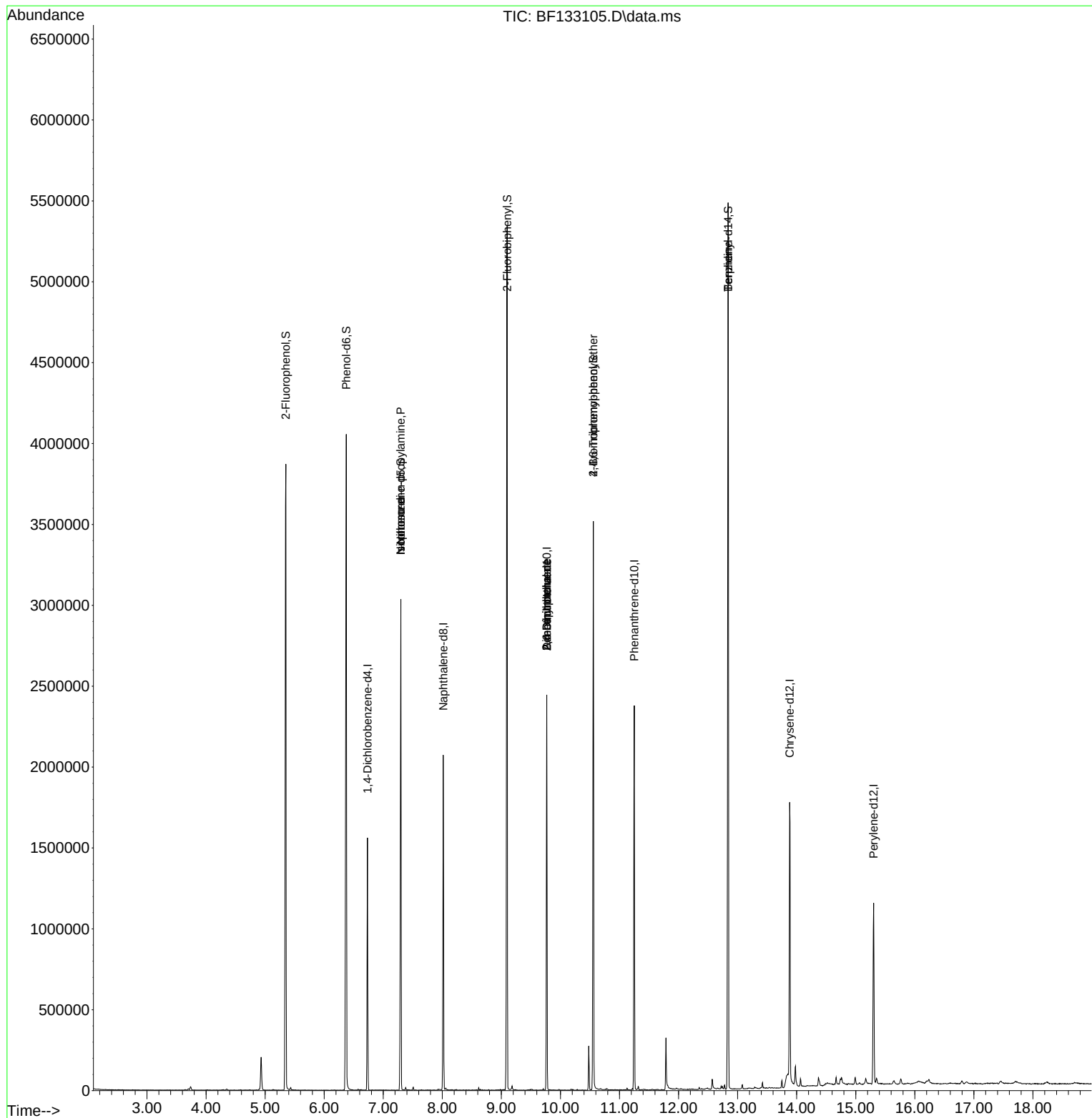
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	203623	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	836254	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	447913	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	823216	20.000	ng	0.00
76) Chrysene-d12	13.880	240	556382	20.000	ng	-0.02
86) Perylene-d12	15.304	264	467078	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1204165	89.333	ng	0.00
7) Phenol-d6	6.375	99	1538709	91.968	ng	0.00
23) Nitrobenzene-d5	7.298	82	906286	58.497	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	456027	101.235	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1752539	65.459	ng	0.00
79) Terphenyl-d14	12.839	244	2070342	64.176	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.275	77	201	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.298	70	118759	11.402	ng	# 76
25) Isophorone	7.298	82	904650	30.754	ng	# 62
50) Dimethylphthalate	9.769	163	90544	2.899	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	58722	8.354	ng	# 25
57) 2,4-Dinitrotoluene	9.769	165	58722	6.550	ng	# 23
67) 4-Bromophenyl-phenylether	10.557	248	29626	3.318	ng	# 1
77) Benzidine	12.839	184	23529	2.501	ng	# 90

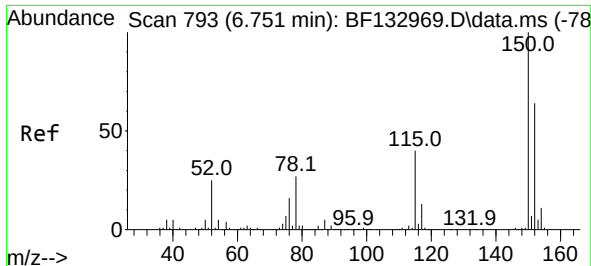
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-03

Quant Time: Apr 28 02:11:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:00:53 2023
Response via : Initial Calibration

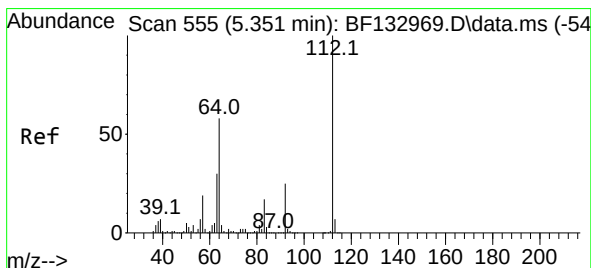
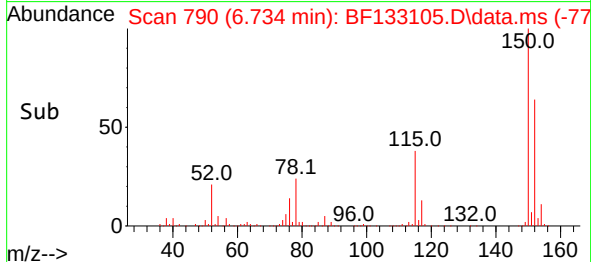
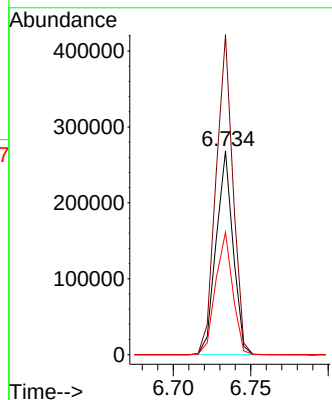
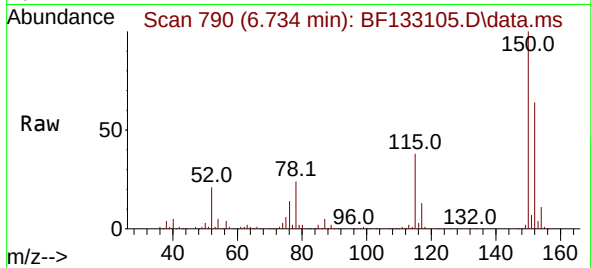




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: BF133105.D
 Acq: 27 Apr 2023 17:54

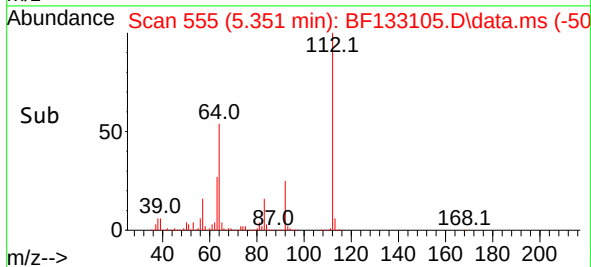
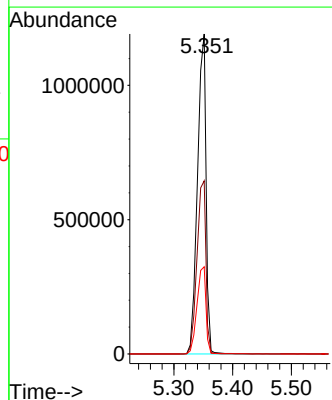
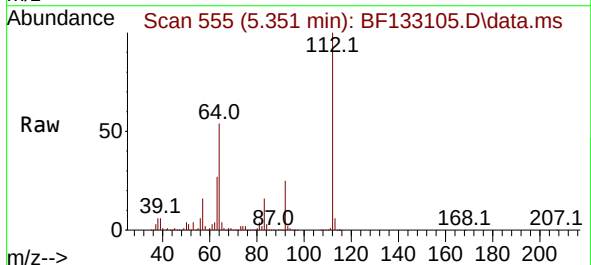
Instrument :
 BNA_F
 ClientSampleId :
 BU-512-COMP-03

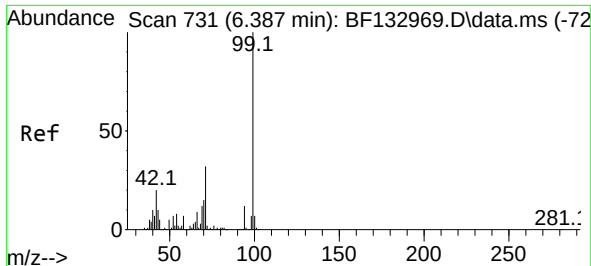
Tgt Ion:152 Resp: 203623
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.8 187.2
 115 60.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 89.333 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.006 min
 Lab File: BF133105.D
 Acq: 27 Apr 2023 17:54

Tgt Ion:112 Resp: 1204165
 Ion Ratio Lower Upper
 112 100
 64 54.1 46.8 70.2
 63 27.3 23.8 35.8

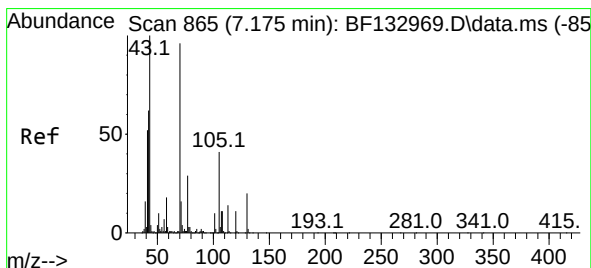
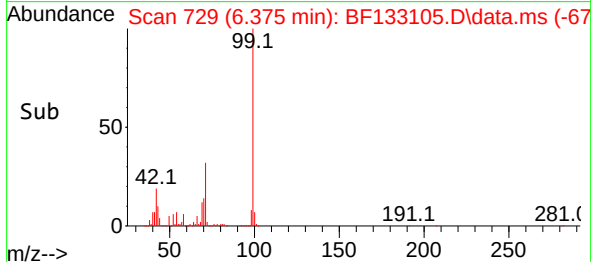
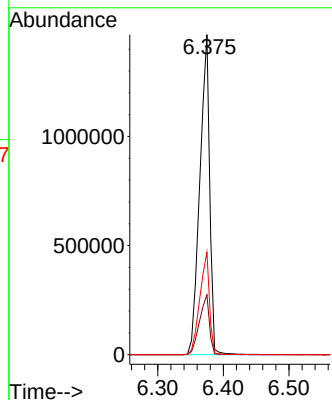
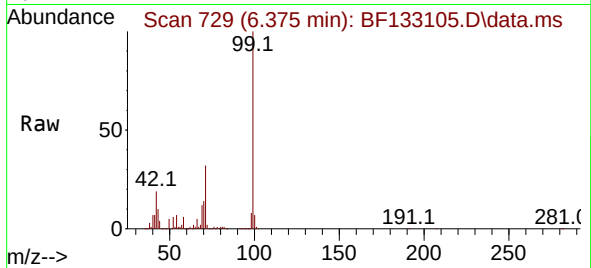




#7
Phenol-d6
Concen: 91.968 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133105.D
Acq: 27 Apr 2023 17:54

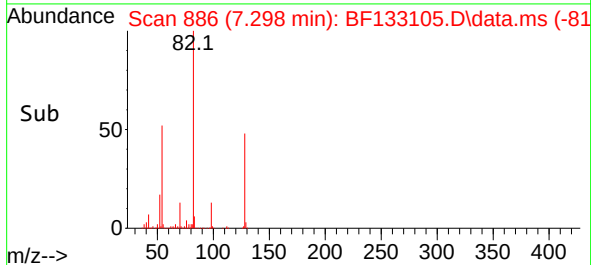
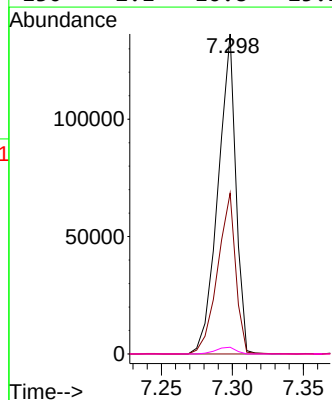
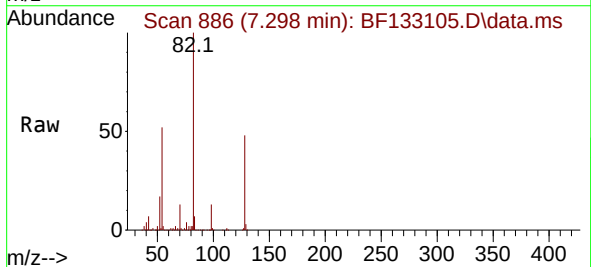
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-03

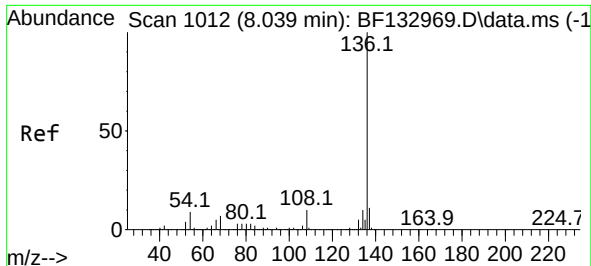
Tgt Ion: 99 Resp: 1538709
Ion Ratio Lower Upper
99 100
42 18.7 16.3 24.5
71 32.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.402 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF133105.D
Acq: 27 Apr 2023 17:54

Tgt Ion: 70 Resp: 118759
Ion Ratio Lower Upper
70 100
42 50.2 51.8 77.6#
101 0.0 8.0 12.0#
130 2.1 16.8 25.2#

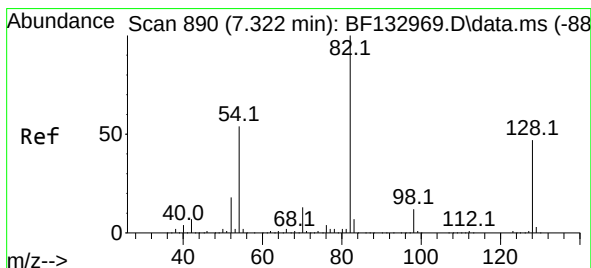
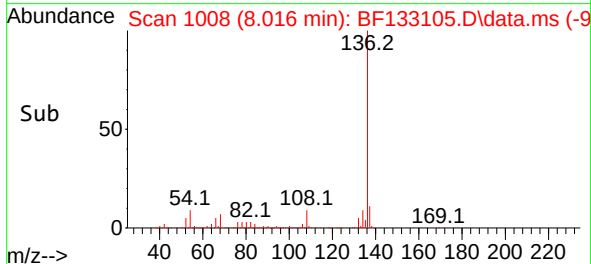
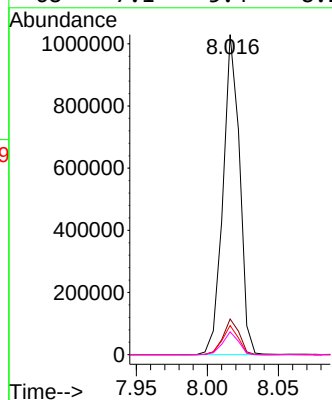
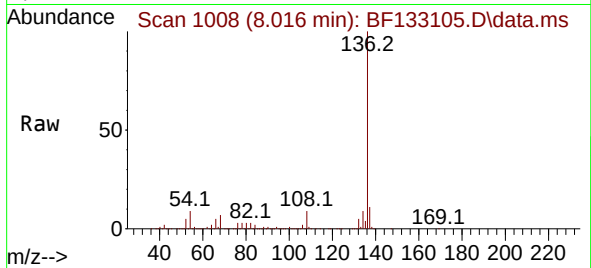




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133105.D
Acq: 27 Apr 2023 17:54

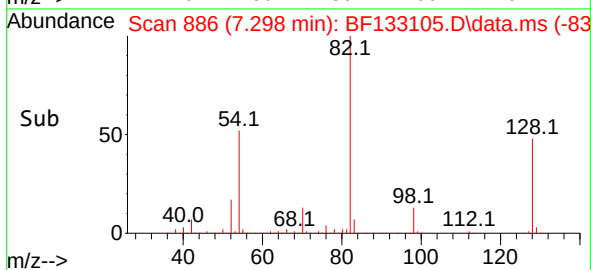
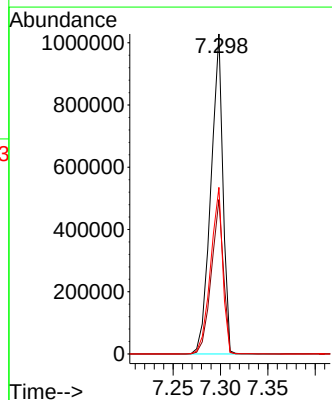
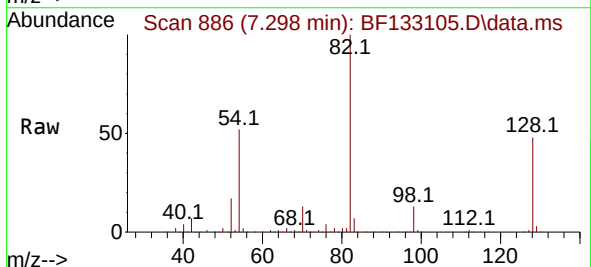
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-03

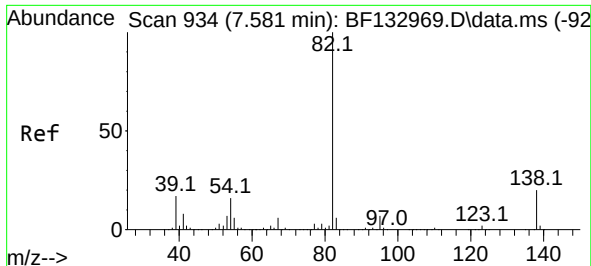
Tgt Ion:136 Resp: 836254
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.1 7.0 10.4
68 7.1 5.4 8.2



#23
Nitrobenzene-d5
Concen: 58.497 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133105.D
Acq: 27 Apr 2023 17:54

Tgt Ion: 82 Resp: 906286
Ion Ratio Lower Upper
82 100
128 48.3 37.7 56.5
54 52.0 43.0 64.4

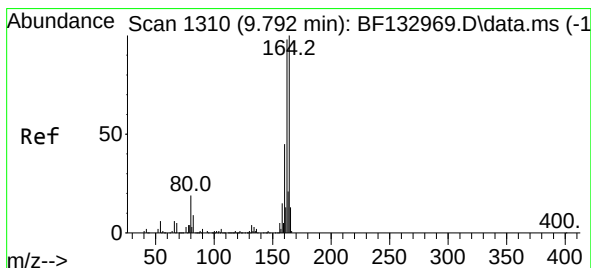
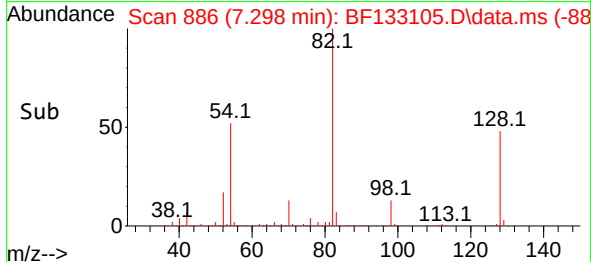
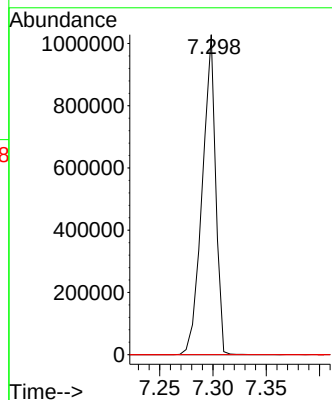
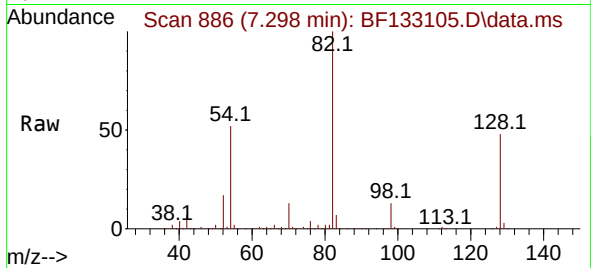




#25
Isophorone
Concen: 30.754 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133105.D
Acq: 27 Apr 2023 17:54

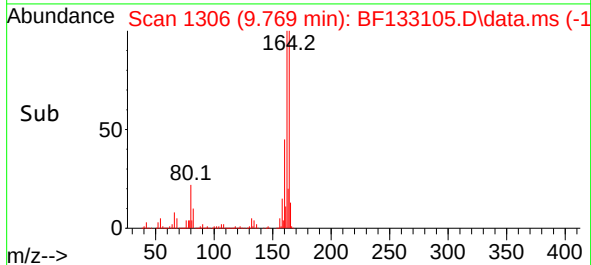
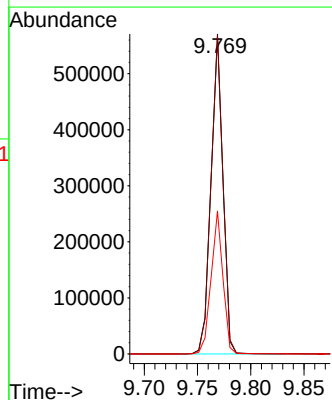
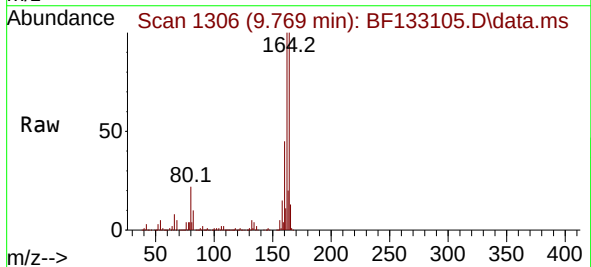
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-03

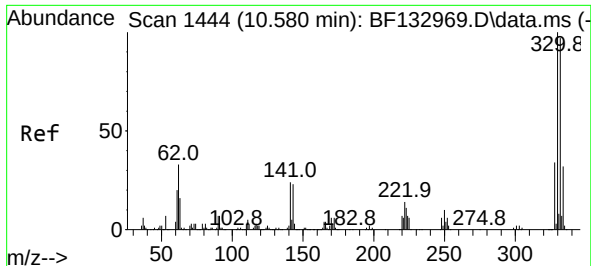
Tgt Ion: 82 Resp: 904650
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF133105.D
Acq: 27 Apr 2023 17:54

Tgt Ion:164 Resp: 447913
Ion Ratio Lower Upper
164 100
162 99.6 78.7 118.1
160 44.7 35.8 53.6

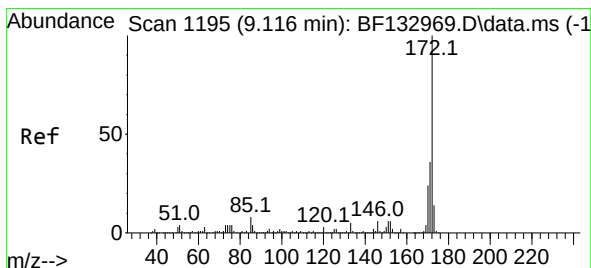
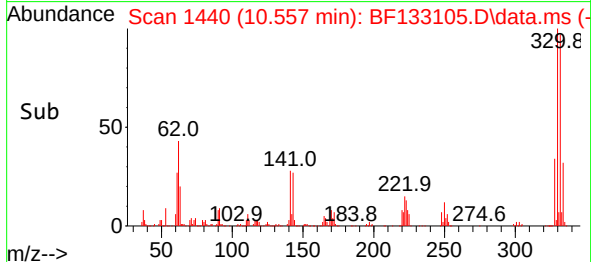
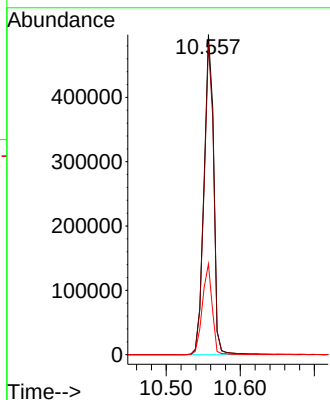
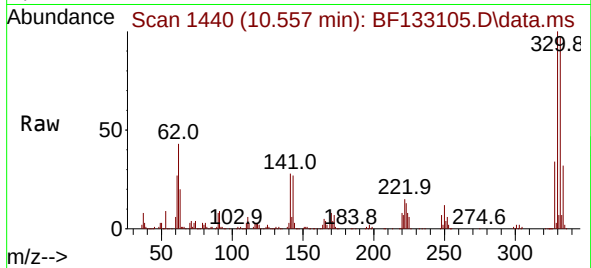




#42
 2,4,6-Tribromophenol
 Concen: 101.235 ng
 RT: 10.557 min Scan# 1440
 Delta R.T. -0.006 min
 Lab File: BF133105.D
 Acq: 27 Apr 2023 17:54

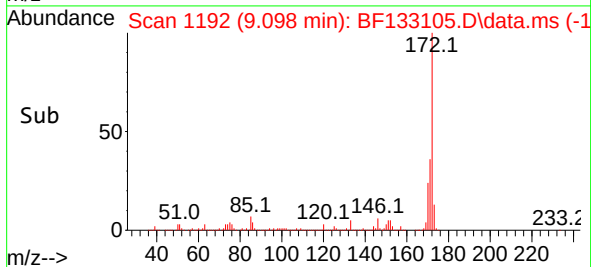
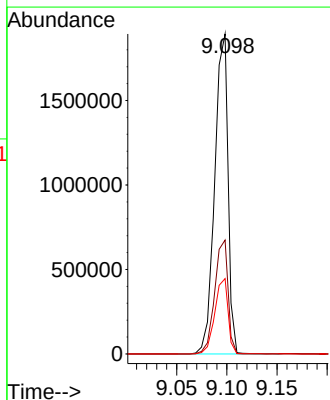
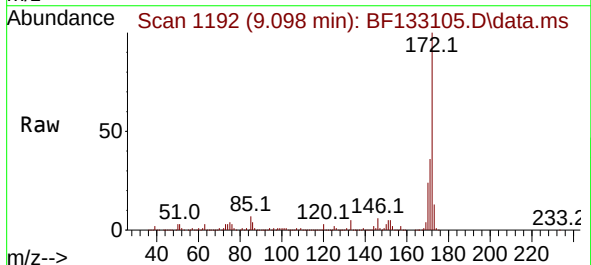
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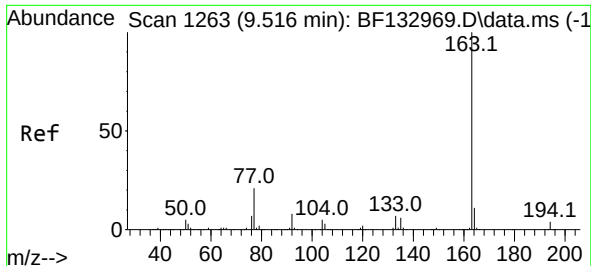
Tgt Ion:330 Resp: 456027
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.1 115.7
 141 28.5 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 65.459 ng
 RT: 9.098 min Scan# 1192
 Delta R.T. -0.000 min
 Lab File: BF133105.D
 Acq: 27 Apr 2023 17:54

Tgt Ion:172 Resp: 1752539
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.8 43.2
 170 23.6 19.4 29.2

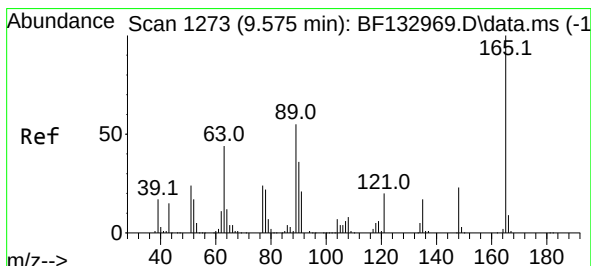
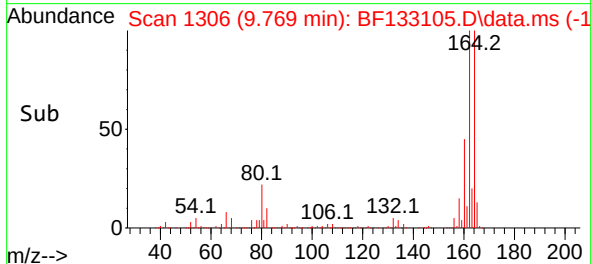
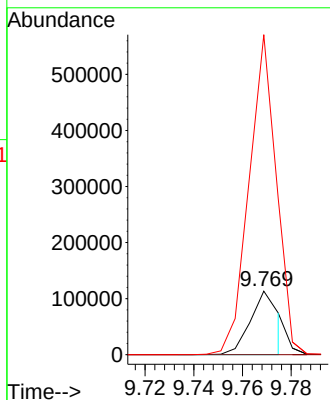
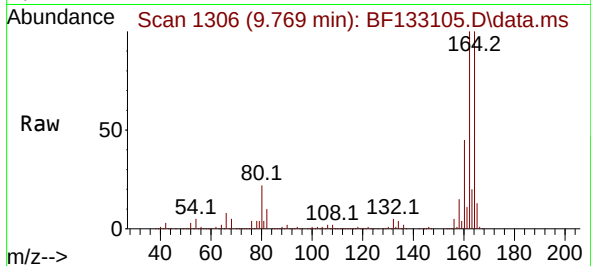




#50
Dimethylphthalate
Concen: 2.899 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133105.D
Acq: 27 Apr 2023 17:54

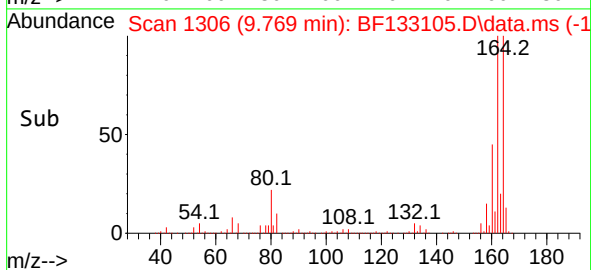
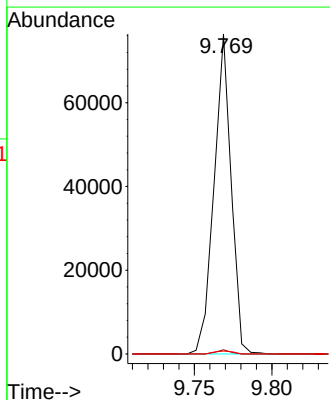
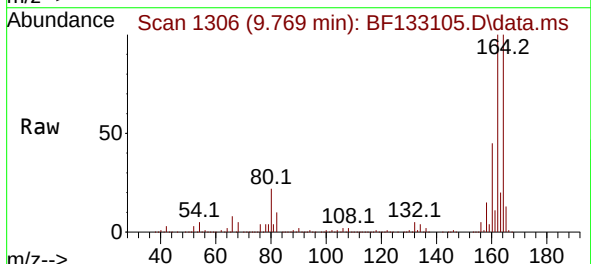
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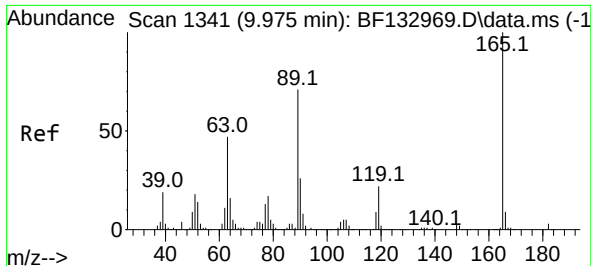
Tgt Ion:163 Resp: 90544
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 503.0 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.354 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.206 min
Lab File: BF133105.D
Acq: 27 Apr 2023 17:54

Tgt Ion:165 Resp: 58722
Ion Ratio Lower Upper
165 100
63 1.3 45.9 68.9#
89 0.9 44.0 66.0#

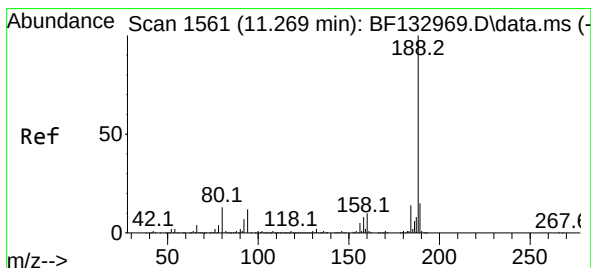
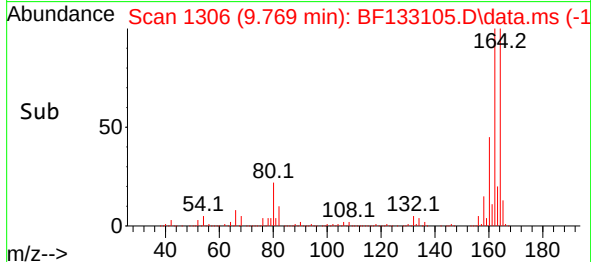
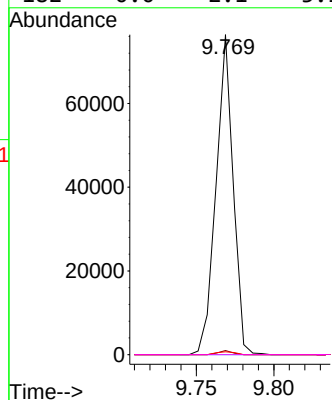
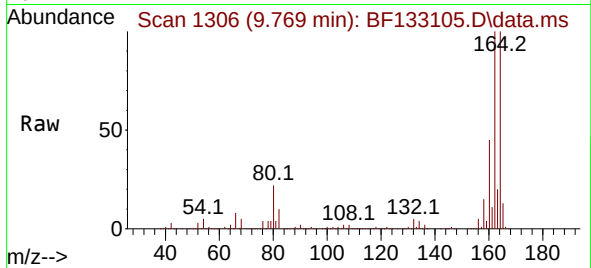




#57
2,4-Dinitrotoluene
Concen: 6.550 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133105.D
Acq: 27 Apr 2023 17:54

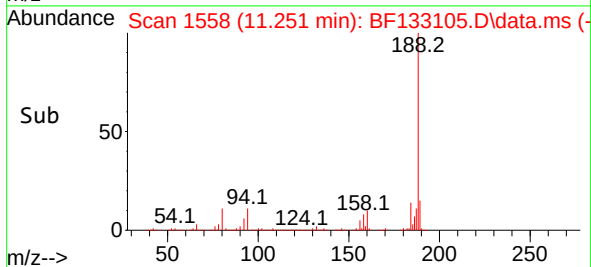
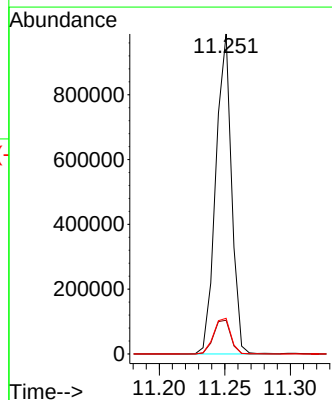
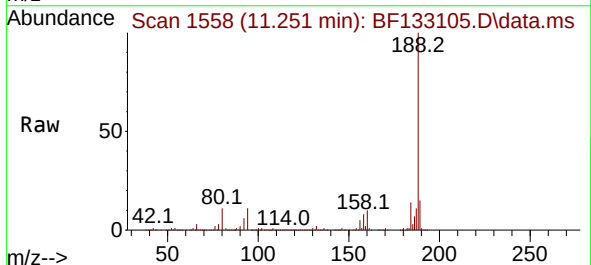
Instrument :
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BU-512-COMP-03

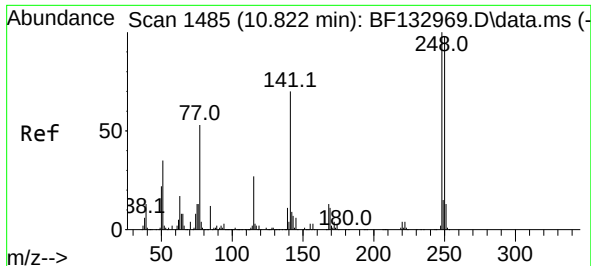
Tgt Ion:165 Resp: 58722
Ion Ratio Lower Upper
165 100
63 1.3 37.7 56.5#
89 0.9 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BF133105.D
Acq: 27 Apr 2023 17:54

Tgt Ion:188 Resp: 823216
Ion Ratio Lower Upper
188 100
94 10.6 9.7 14.5
80 11.2 10.4 15.6

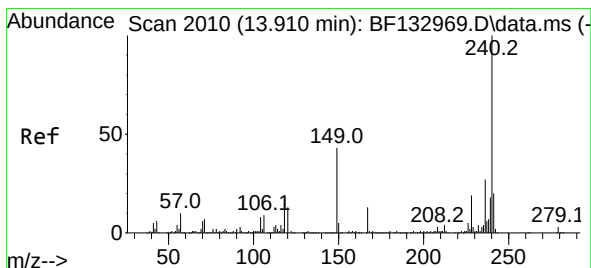
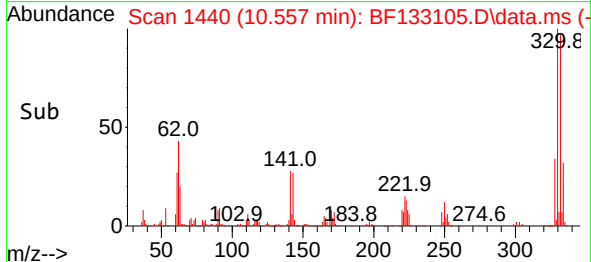
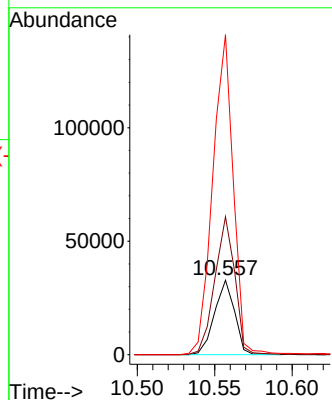
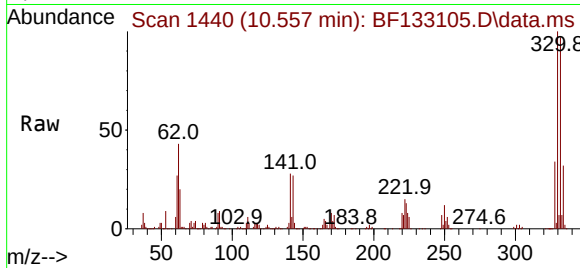




#67
4-Bromophenyl-phenylether
Concen: 3.318 ng
RT: 10.557 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133105.D
Acq: 27 Apr 2023 17:54

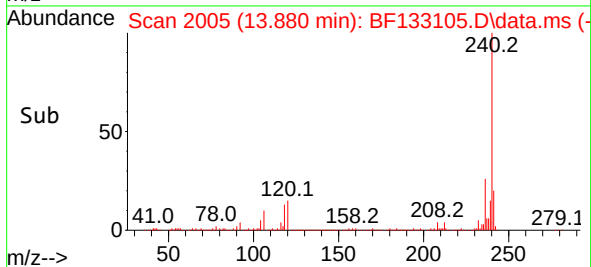
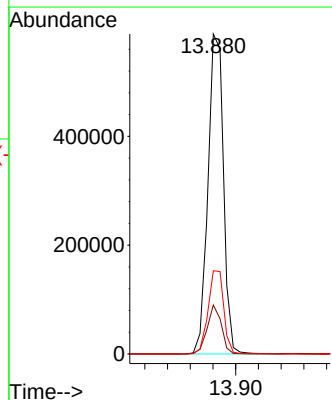
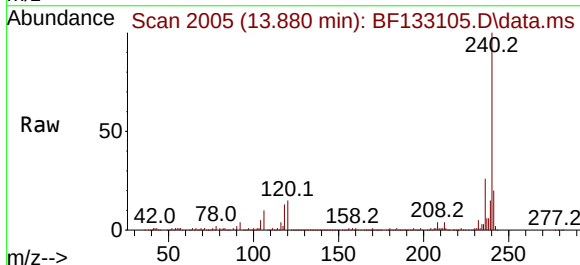
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-03

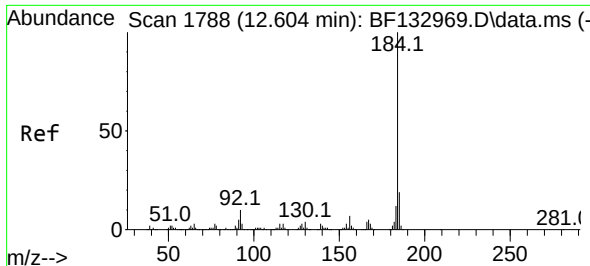
Tgt Ion:248 Resp: 29626
Ion Ratio Lower Upper
248 100
250 185.4 78.7 118.1#
141 430.1 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.018 min
Lab File: BF133105.D
Acq: 27 Apr 2023 17:54

Tgt Ion:240 Resp: 556382
Ion Ratio Lower Upper
240 100
120 15.3 10.5 15.7
236 26.0 21.5 32.3

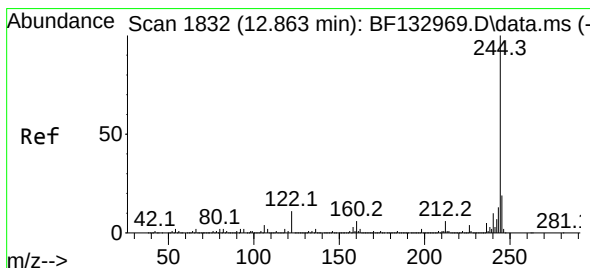
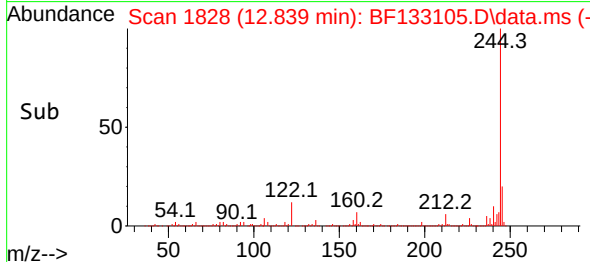
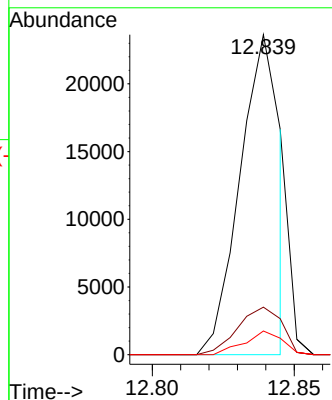
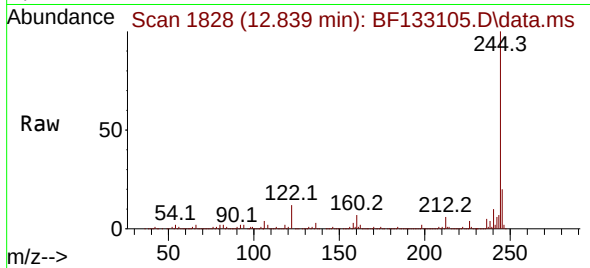




#77
Benzidine
Concen: 2.501 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.253 min
Lab File: BF133105.D
Acq: 27 Apr 2023 17:54

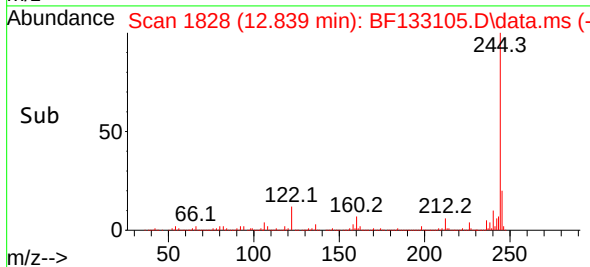
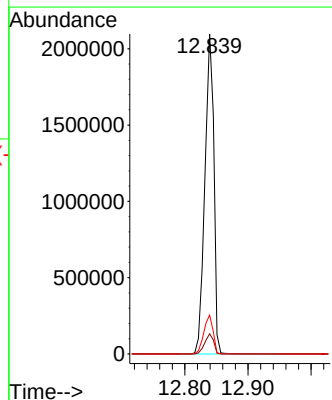
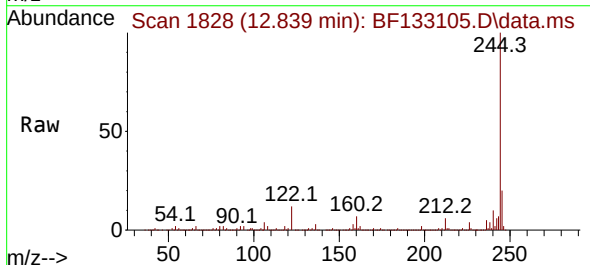
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-03

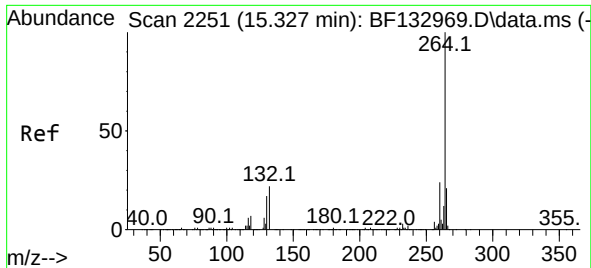
Tgt Ion:184 Resp: 23529
Ion Ratio Lower Upper
184 100
185 14.8 15.4 23.2#
183 7.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 64.176 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF133105.D
Acq: 27 Apr 2023 17:54

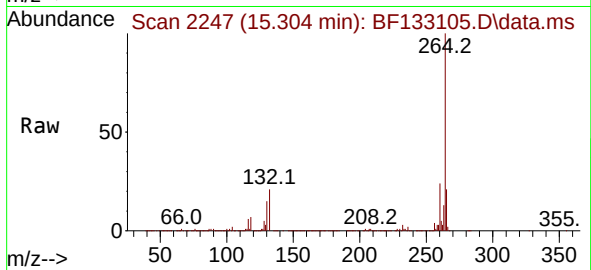
Tgt Ion:244 Resp: 2070342
Ion Ratio Lower Upper
244 100
212 6.3 5.1 7.7
122 12.2 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF133105.D
Acq: 27 Apr 2023 17:54

Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-03



Tgt Ion:264 Resp: 467078

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.3	17.0	25.4

