

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133064.D
 Acq On : 26 Apr 2023 14:11
 Operator : CG\JU
 Sample : 02491-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2S-TP4

Quant Time: Apr 27 01:54:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 18:24:07 2023
 Response via : Initial Calibration

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

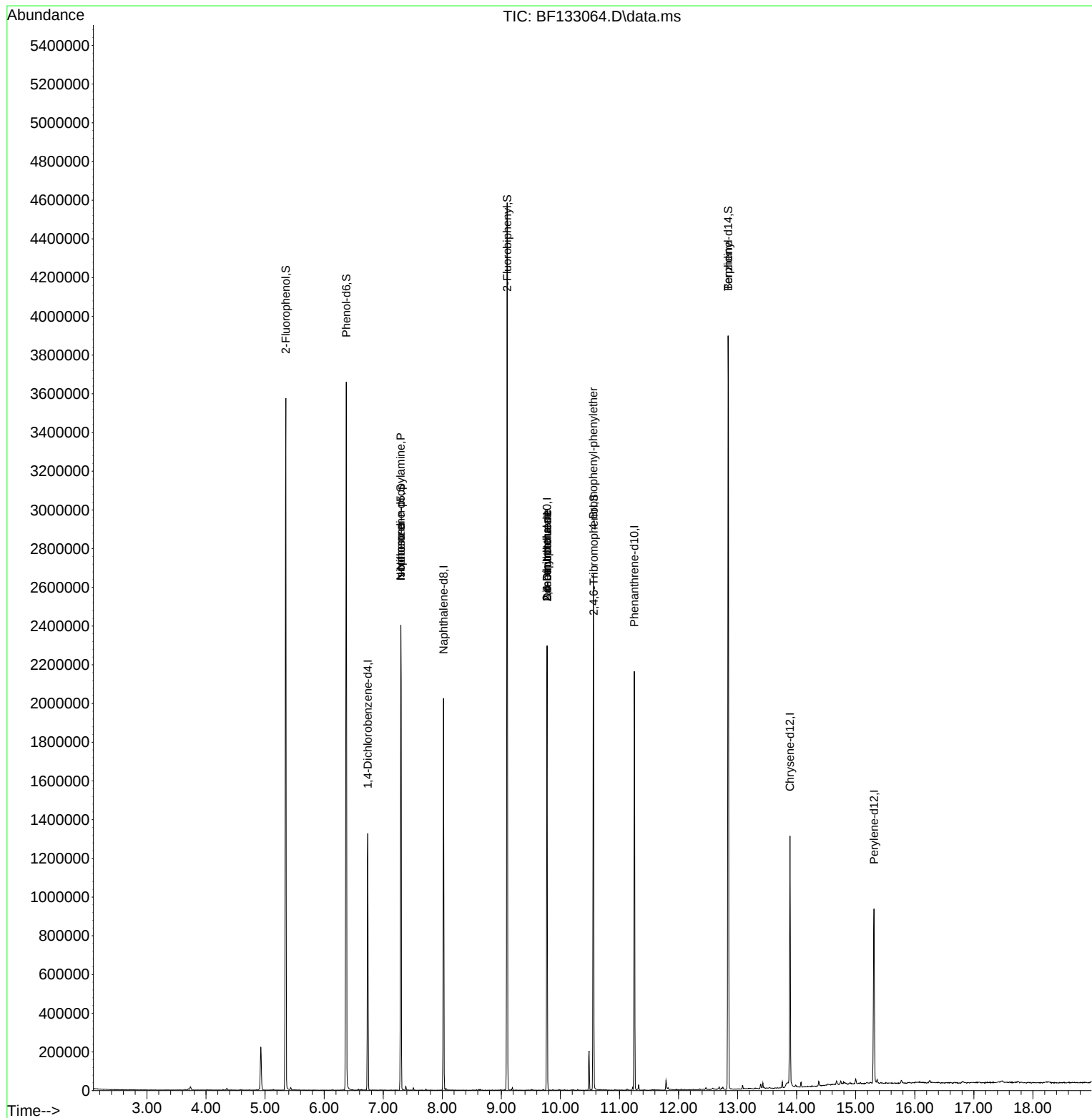
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	190027	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	778934	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	415335	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	757613	20.000	ng	-0.01
76) Chrysene-d12	13.886	240	387133	20.000	ng	-0.01
86) Perylene-d12	15.310	264	378150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1018262	80.946	ng	0.00
7) Phenol-d6	6.375	99	1253062	80.254	ng	-0.01
23) Nitrobenzene-d5	7.298	82	759454	52.627	ng	-0.01
42) 2,4,6-Tribromophenol	10.563	330	319502	76.491	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1286903	51.837	ng	-0.01
79) Terphenyl-d14	12.839	244	1432679	63.825	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.281	77	92	Below Cal	#	67
19) n-Nitroso-di-n-propyla...	7.298	70	99016	10.186	ng	# 78
25) Isophorone	7.298	82	757375	27.642	ng	# 63
50) Dimethylphthalate	9.775	163	84571	2.920	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	53086	8.144	ng	# 25
57) 2,4-Dinitrotoluene	9.775	165	53086	6.386	ng	# 24
67) 4-Bromophenyl-phenylether	10.557	248	20301	2.471	ng	# 1
77) Benzidine	12.839	184	16862	2.576	ng	# 91

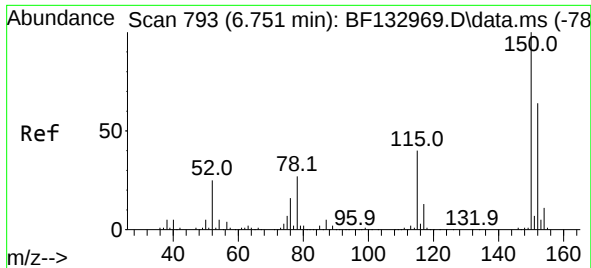
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
Data File : BF133064.D
Acq On : 26 Apr 2023 14:11
Operator : CG\JU
Sample : 02491-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S2S-TP4

Quant Time: Apr 27 01:54:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 25 18:24:07 2023
Response via : Initial Calibration

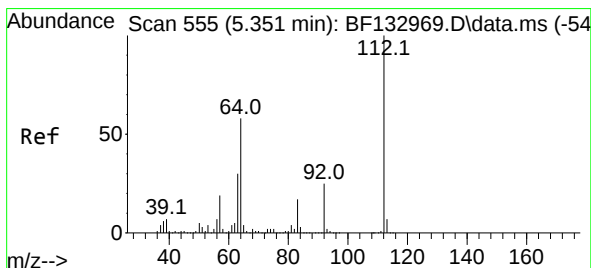
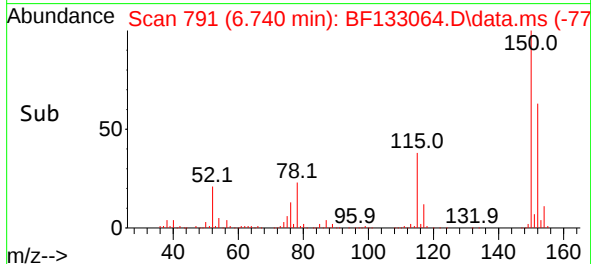
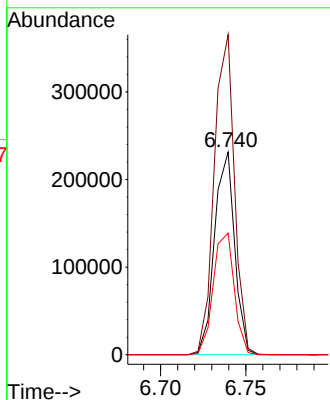
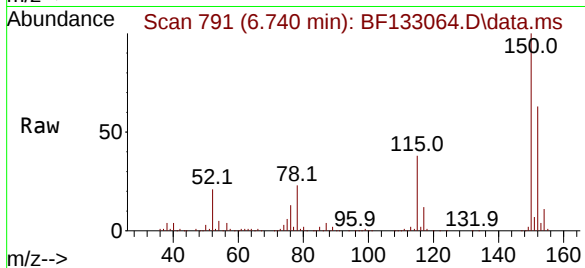




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133064.D
Acq: 26 Apr 2023 14:11

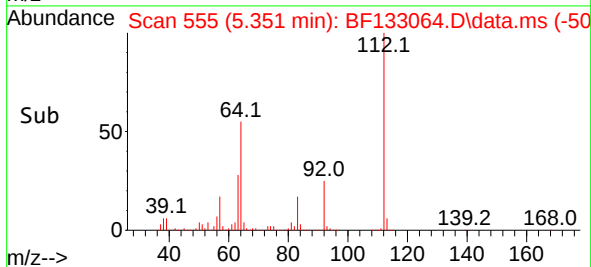
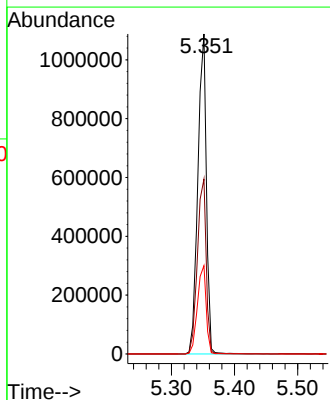
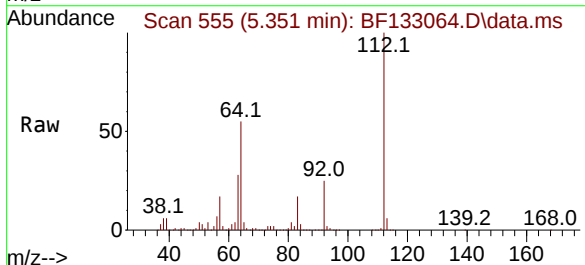
Instrument :
BNA_F
ClientSampleId :
S2S-TP4

Tgt Ion:152 Resp: 190027
Ion Ratio Lower Upper
152 100
150 158.0 124.8 187.2
115 60.0 49.9 74.9



#5
2-Fluorophenol
Concen: 80.946 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.000 min
Lab File: BF133064.D
Acq: 26 Apr 2023 14:11

Tgt Ion:112 Resp: 1018262
Ion Ratio Lower Upper
112 100
64 54.7 46.8 70.2
63 27.6 23.8 35.8

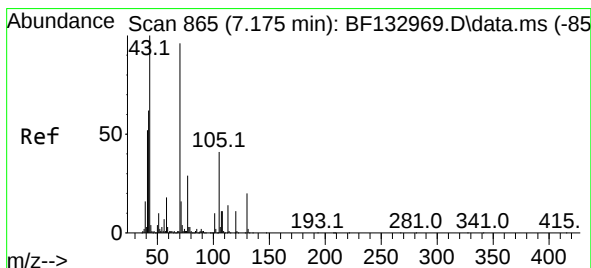
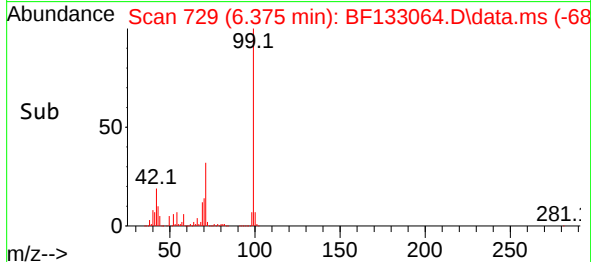
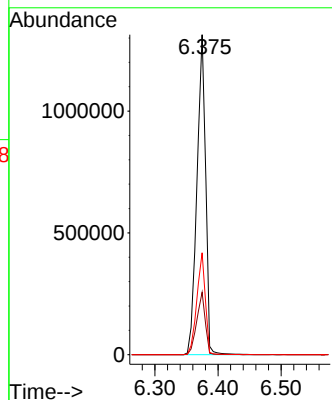
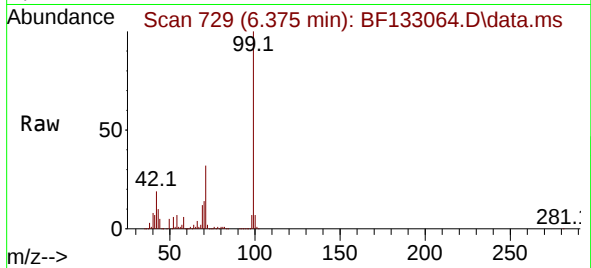




#7
Phenol-d6
Concen: 80.254 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133064.D
Acq: 26 Apr 2023 14:11

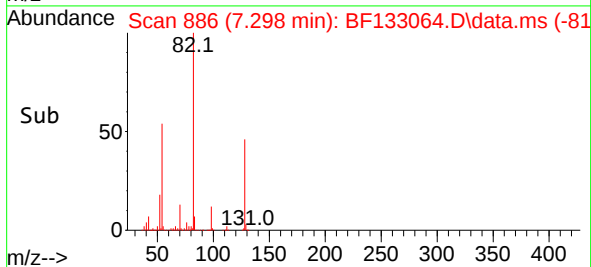
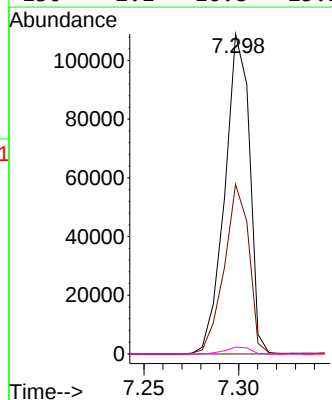
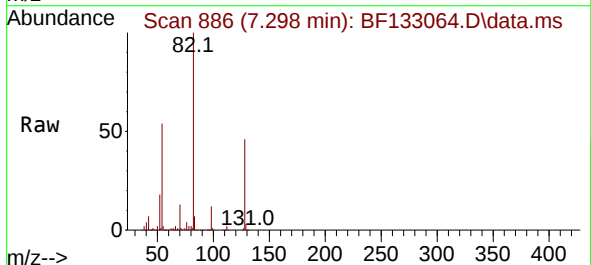
Instrument :
BNA_F
ClientSampleId :
S2S-TP4

Tgt Ion: 99 Resp: 1253062
Ion Ratio Lower Upper
99 100
42 19.5 16.3 24.5
71 31.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.186 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.135 min
Lab File: BF133064.D
Acq: 26 Apr 2023 14:11

Tgt Ion: 70 Resp: 99016
Ion Ratio Lower Upper
70 100
42 53.0 51.8 77.6
101 0.0 8.0 12.0#
130 2.1 16.8 25.2#



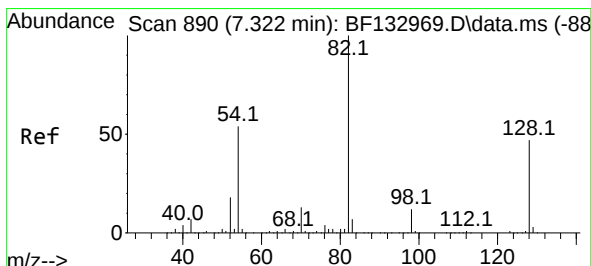
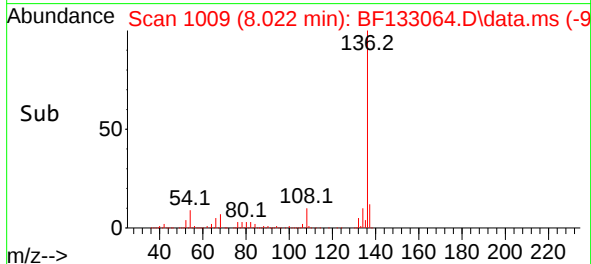
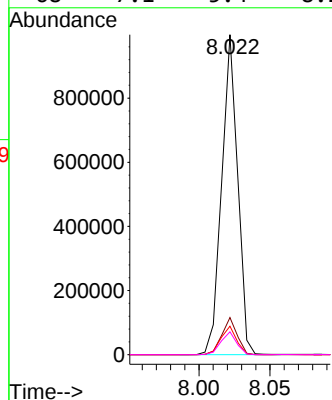
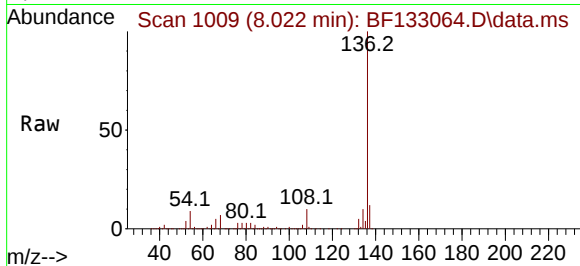


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133064.D
Acq: 26 Apr 2023 14:11

Instrument :
BNA_F
ClientSampleId :
S2S-TP4

Tgt Ion:136 Resp: 778934

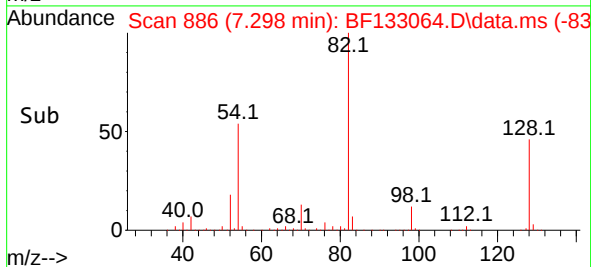
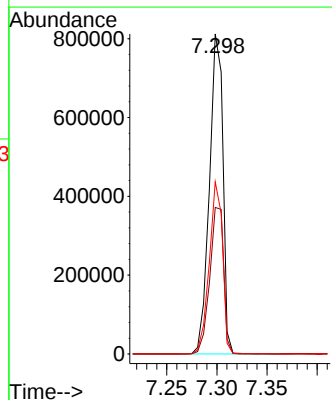
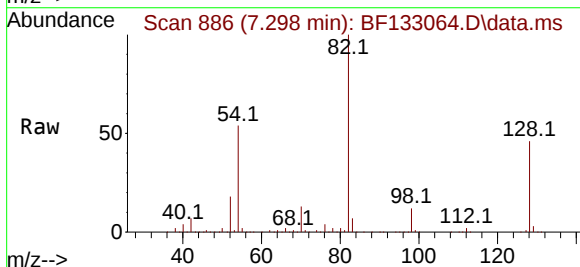
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	13.0
54	8.9	7.0	10.4
68	7.1	5.4	8.2



#23
Nitrobenzene-d5
Concen: 52.627 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF133064.D
Acq: 26 Apr 2023 14:11

Tgt Ion: 82 Resp: 759454

Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.7	56.5
54	53.8	43.0	64.4

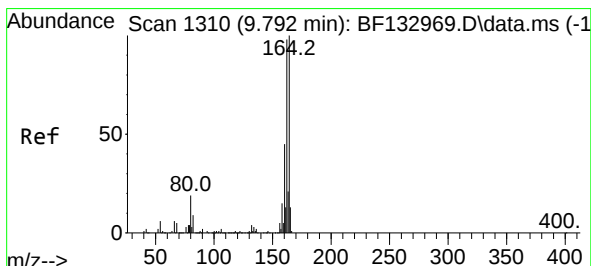
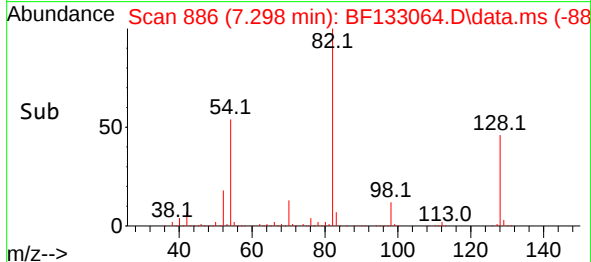
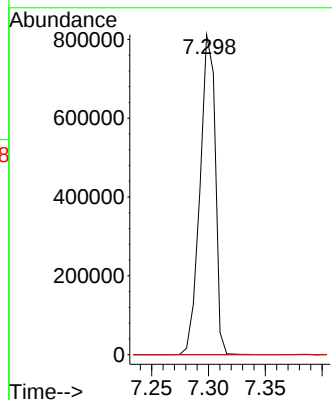
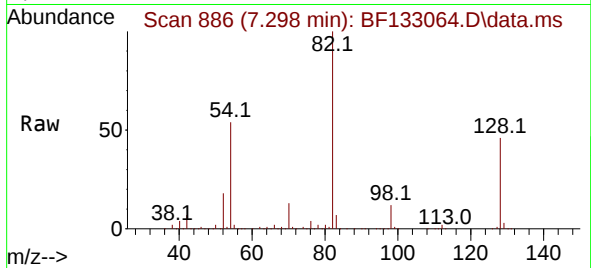




#25
Isophorone
Concen: 27.642 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF133064.D
Acq: 26 Apr 2023 14:11

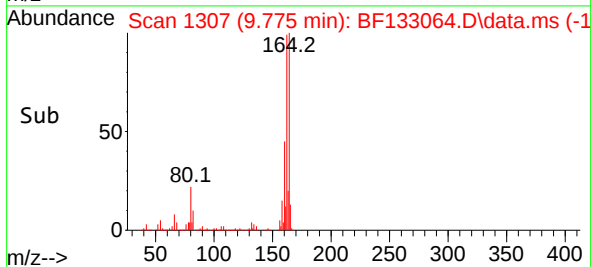
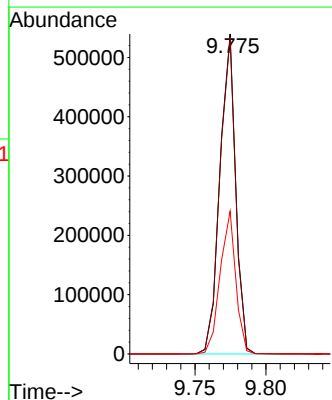
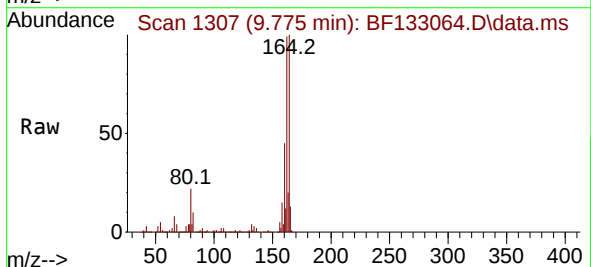
Instrument :
BNA_F
ClientSampleId :
S2S-TP4

Tgt Ion: 82 Resp: 757375
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: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF133064.D
Acq: 26 Apr 2023 14:11

Tgt Ion:164 Resp: 415335
Ion Ratio Lower Upper
164 100
162 99.1 78.7 118.1
160 44.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 76.491 ng

RT: 10.563 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF133064.D

Acq: 26 Apr 2023 14:11

Instrument :

BNA_F

ClientSampleId :

S2S-TP4

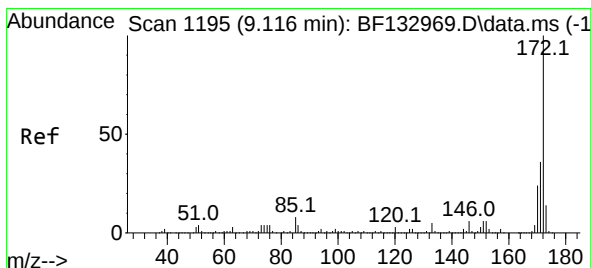
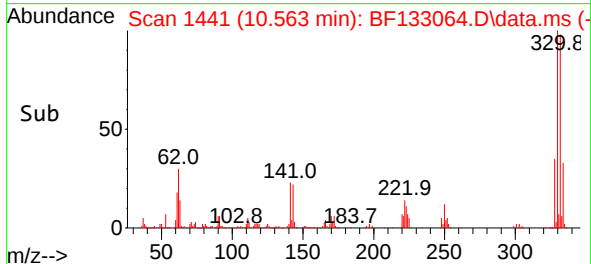
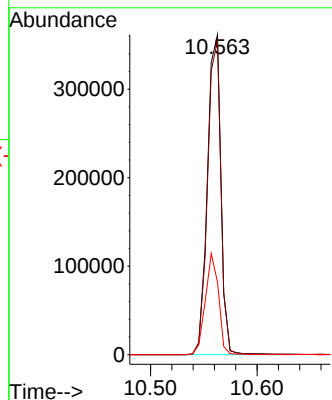
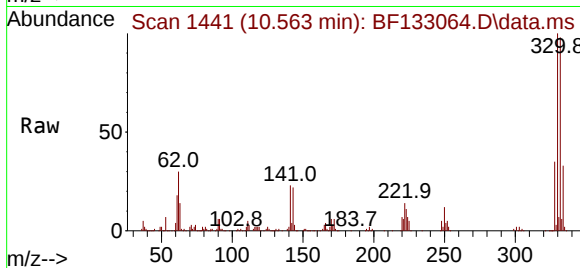
Tgt Ion:330 Resp: 319502

Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

141 30.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 51.837 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BF133064.D

Acq: 26 Apr 2023 14:11

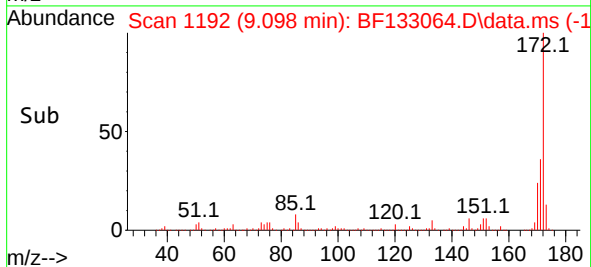
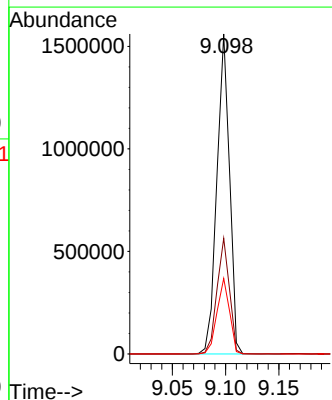
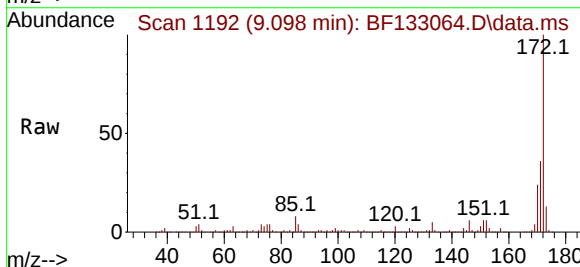
Tgt Ion:172 Resp: 1286903

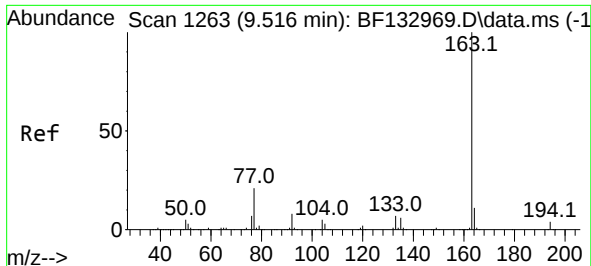
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 23.6 19.4 29.2

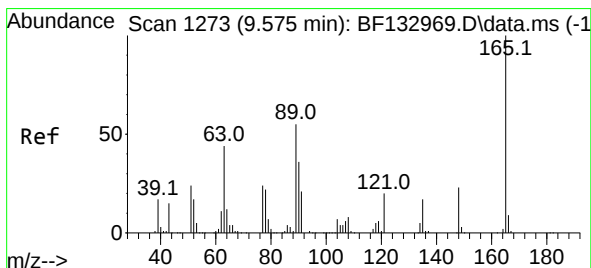
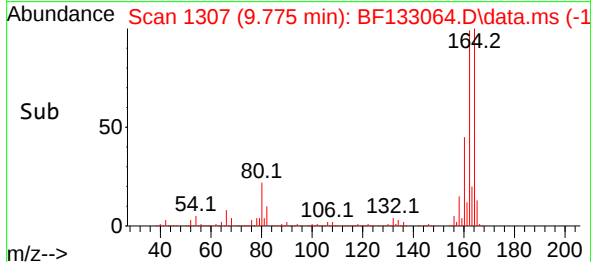
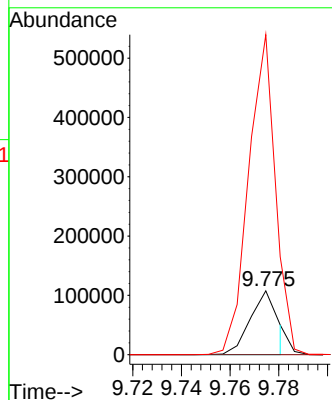
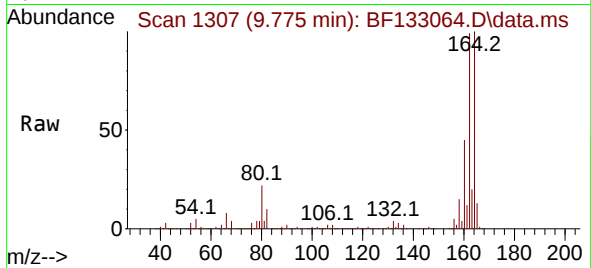




#50
Dimethylphthalate
Concen: 2.920 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133064.D
Acq: 26 Apr 2023 14:11

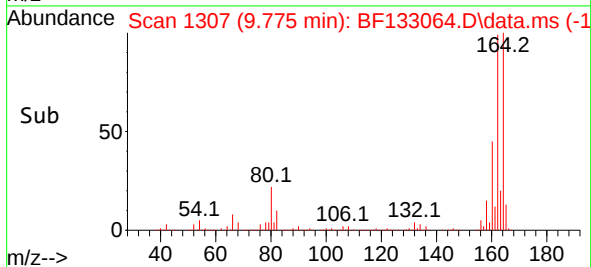
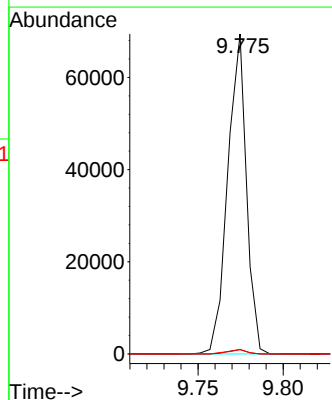
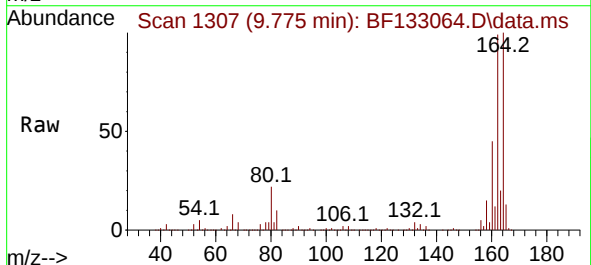
Instrument :
BNA_F
ClientSampleId :
S2S-TP4

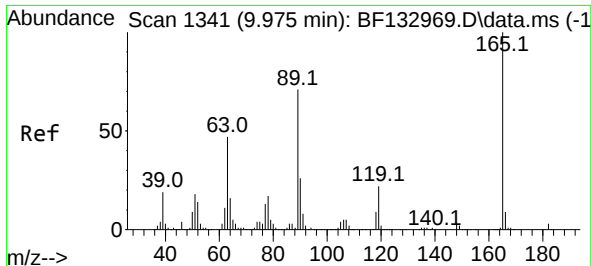
Tgt Ion:163 Resp: 84571
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 500.6 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.144 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.206 min
Lab File: BF133064.D
Acq: 26 Apr 2023 14:11

Tgt Ion:165 Resp: 53086
Ion Ratio Lower Upper
165 100
63 1.4 45.9 68.9#
89 1.4 44.0 66.0#

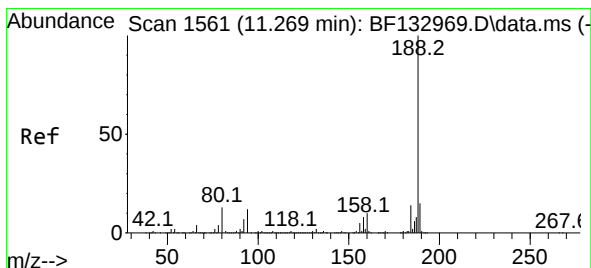
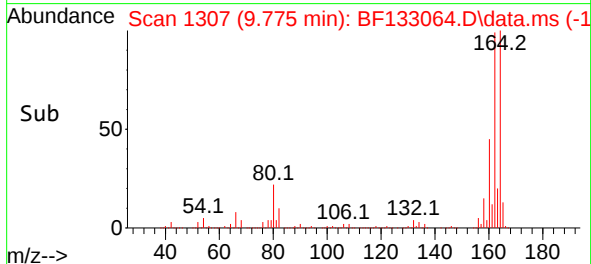
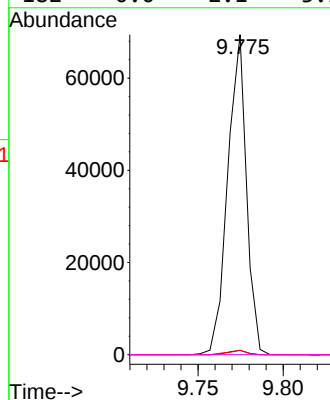
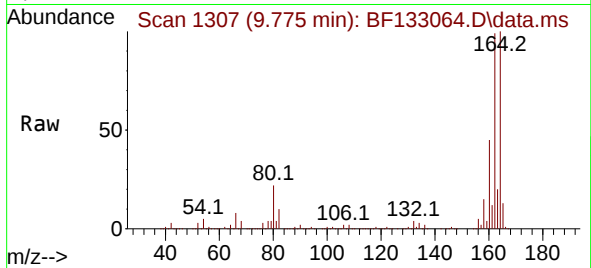




#57
2,4-Dinitrotoluene
Concen: 6.386 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133064.D
Acq: 26 Apr 2023 14:11

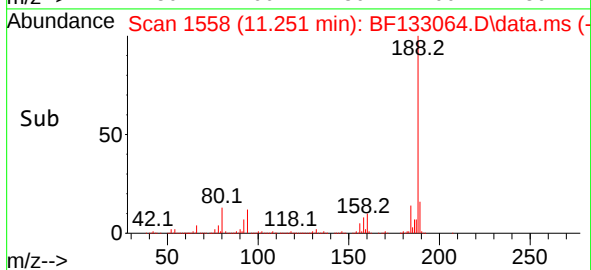
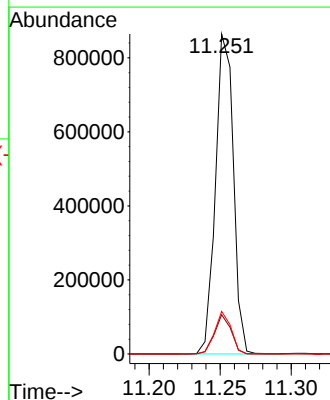
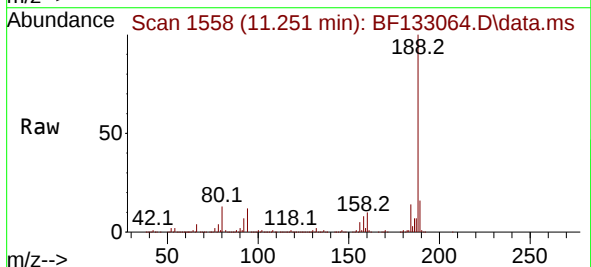
Instrument :
BNA_F
ClientSampleId :
S2S-TP4

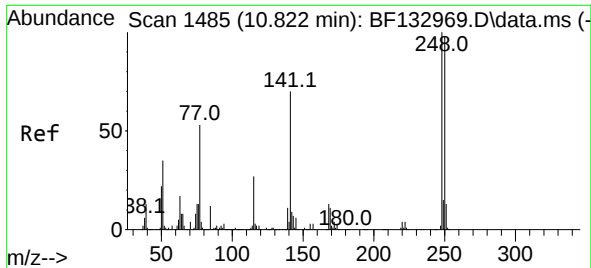
Tgt Ion:165 Resp: 53086
Ion Ratio Lower Upper
165 100
63 1.4 37.7 56.5#
89 1.4 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.012 min
Lab File: BF133064.D
Acq: 26 Apr 2023 14:11

Tgt Ion:188 Resp: 757613
Ion Ratio Lower Upper
188 100
94 12.3 9.7 14.5
80 13.3 10.4 15.6

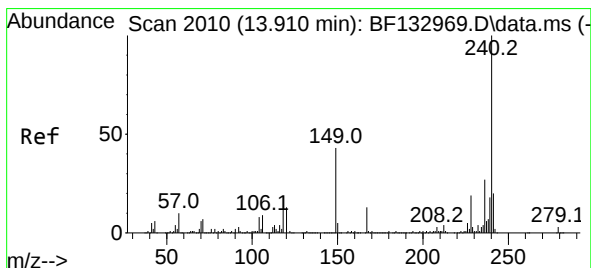
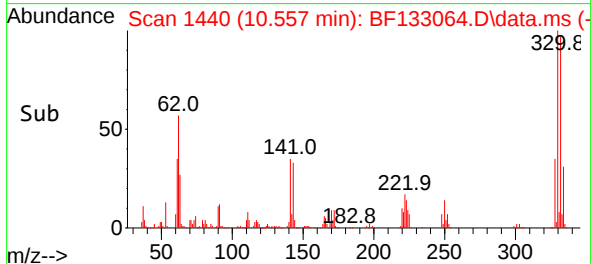
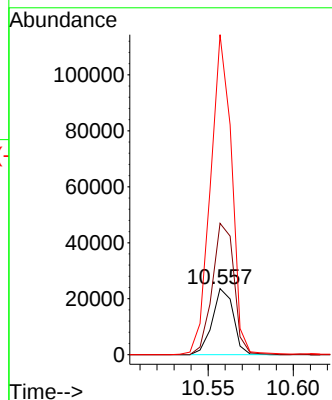
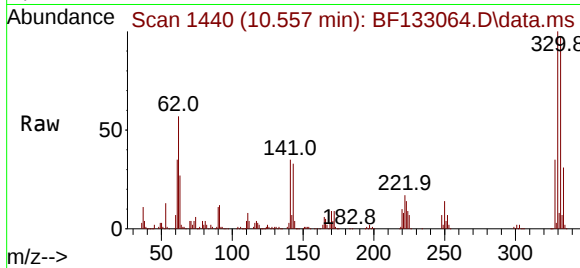




#67
4-Bromophenyl-phenylether
Concen: 2.471 ng
RT: 10.557 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF133064.D
Acq: 26 Apr 2023 14:11

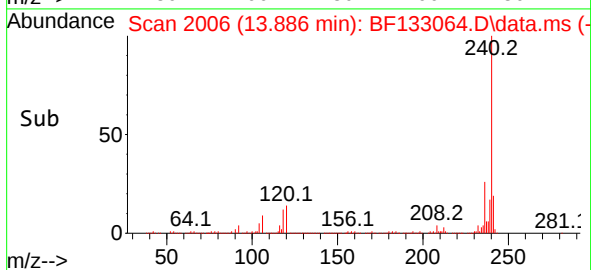
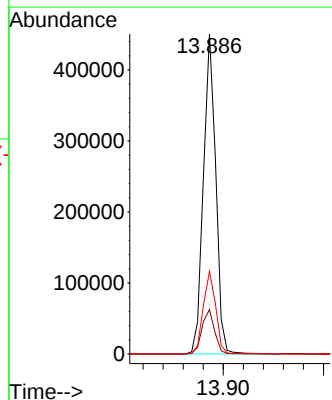
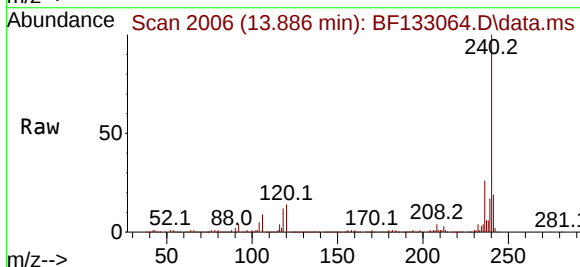
Instrument :
BNA_F
ClientSampleId :
S2S-TP4

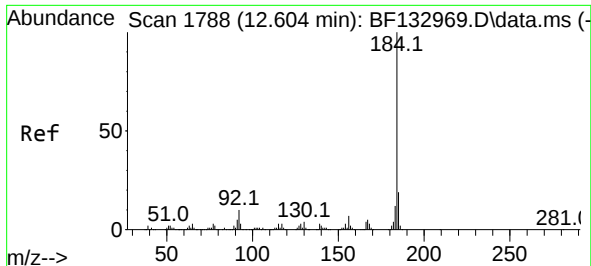
Tgt Ion:248 Resp: 20301
Ion Ratio Lower Upper
248 100
250 198.6 78.7 118.1#
141 483.9 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF133064.D
Acq: 26 Apr 2023 14:11

Tgt Ion:240 Resp: 387133
Ion Ratio Lower Upper
240 100
120 13.9 10.5 15.7
236 25.8 21.5 32.3

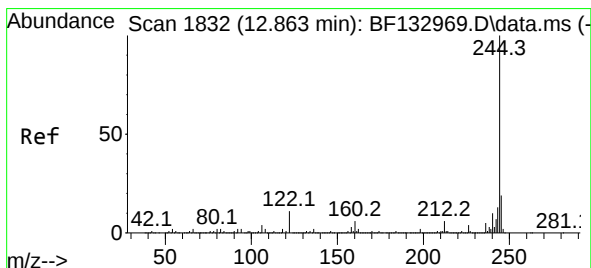
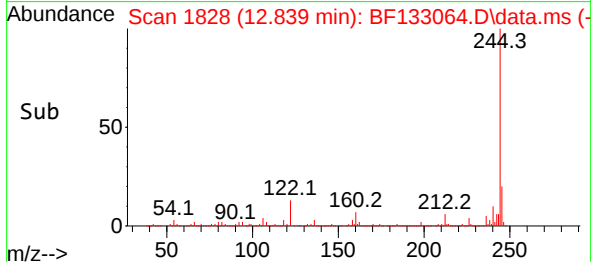
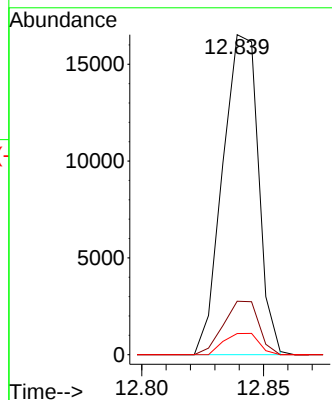
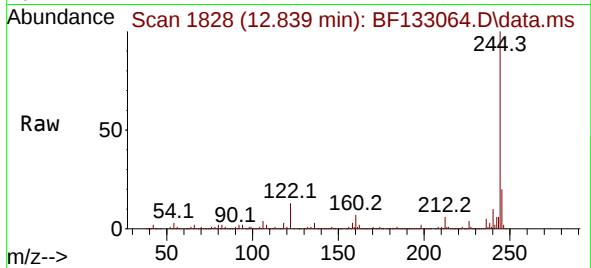




#77
Benzidine
Concen: 2.576 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.247 min
Lab File: BF133064.D
Acq: 26 Apr 2023 14:11

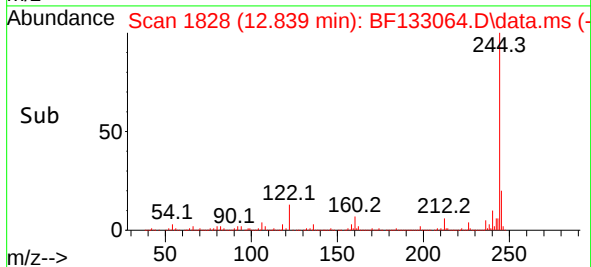
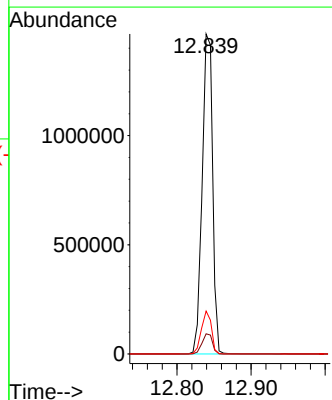
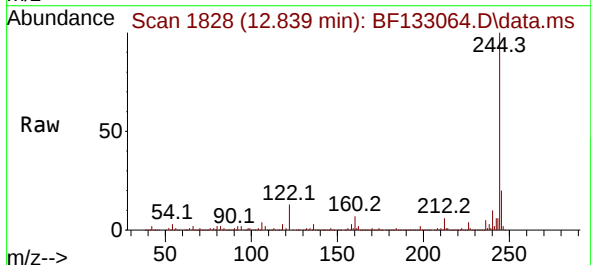
Instrument :
BNA_F
ClientSampleId :
S2S-TP4

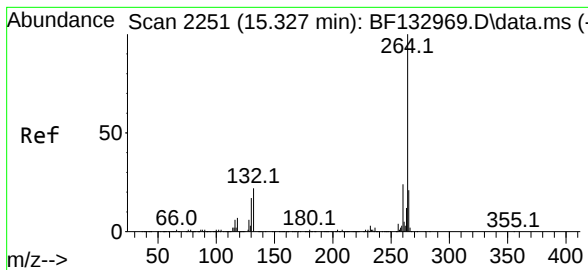
Tgt Ion:184 Resp: 16862
Ion Ratio Lower Upper
184 100
185 16.7 15.4 23.2
183 6.6 9.4 14.0#



#79
Terphenyl-d14
Concen: 63.825 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.012 min
Lab File: BF133064.D
Acq: 26 Apr 2023 14:11

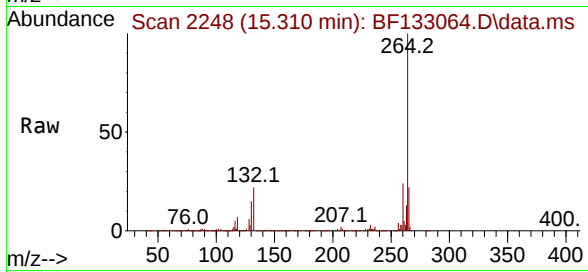
Tgt Ion:244 Resp: 1432679
Ion Ratio Lower Upper
244 100
212 6.3 5.1 7.7
122 13.4 8.6 13.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.310 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133064.D
Acq: 26 Apr 2023 14:11

Instrument :
BNA_F
ClientSampleId :
S2S-TP4



Tgt Ion:264 Resp: 378150

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	22.3	17.0	25.4

