

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
 Data File : BF134278.D
 Acq On : 14 Jul 2023 00:27
 Operator : CG\JU
 Sample : 03428-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 14 01:58:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

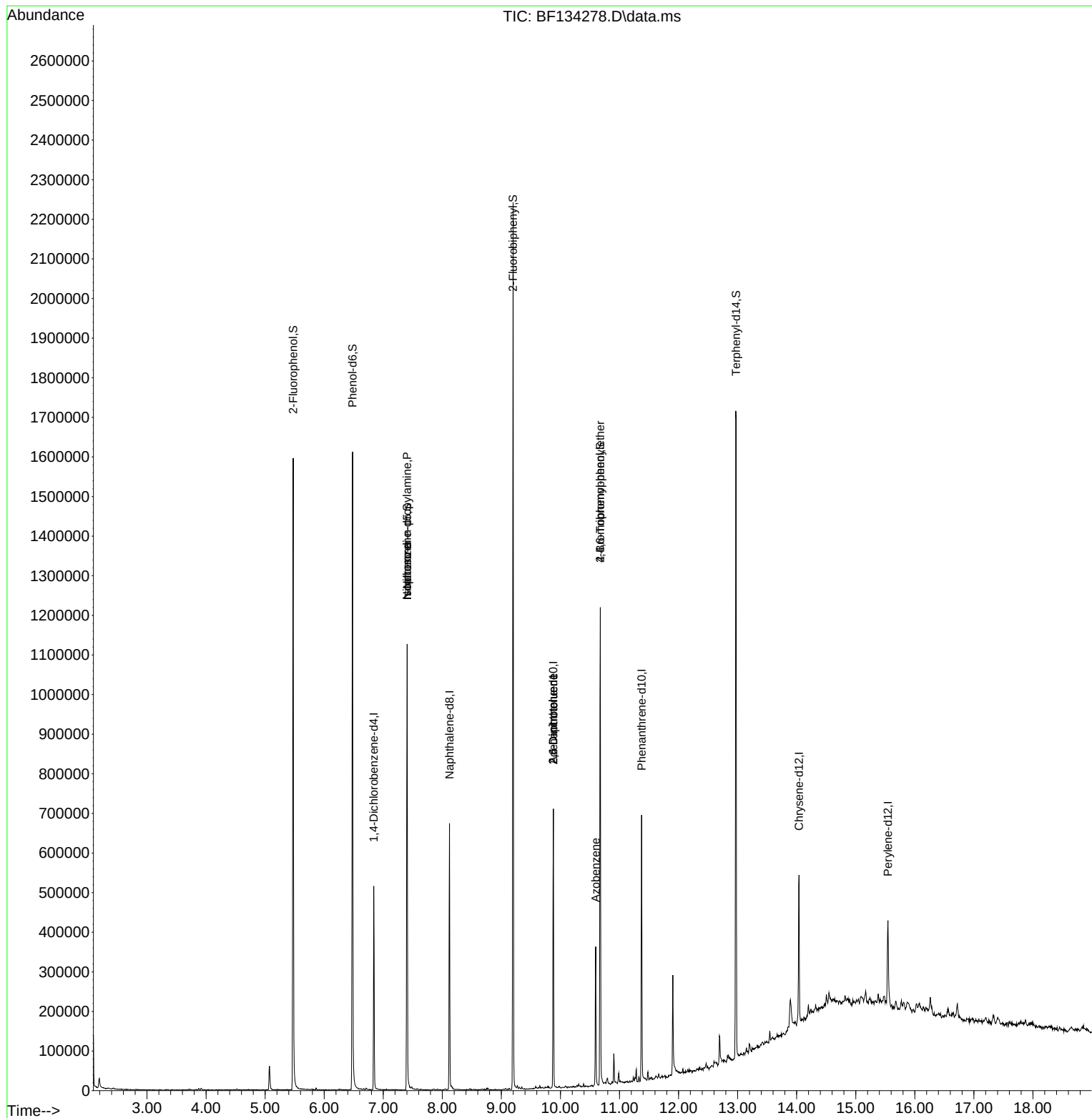
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	70752	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	264993	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	126705	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	230534	20.000	ng	0.00
76) Chrysene-d12	14.039	240	134663	20.000	ng	0.00
86) Perylene-d12	15.545	264	102502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	388409	91.830	ng	0.00
7) Phenol-d6	6.481	99	460636	88.556	ng	0.00
23) Nitrobenzene-d5	7.404	82	312234	63.515	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	146835	92.429	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	591953	67.924	ng	0.00
79) Terphenyl-d14	12.974	244	606392	72.473	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	614	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	44152	13.385	ng	# 77
25) Isophorone	7.404	82	312234	34.948	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	16306	8.231	ng	# 24
57) 2,4-Dinitrotoluene	9.880	165	16306	6.233	ng	# 23
63) Azobenzene	10.598	77	60528	6.678	ng	# 1
67) 4-Bromophenyl-phenylether	10.675	248	8965	3.659	ng	# 1

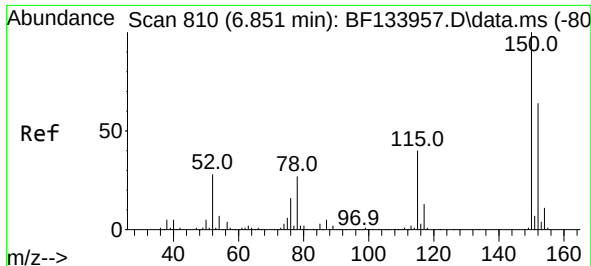
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
Data File : BF134278.D
Acq On : 14 Jul 2023 00:27
Operator : CG\JU
Sample : 03428-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

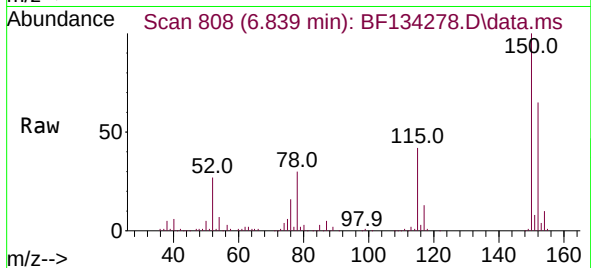
Quant Time: Jul 14 01:58:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 13:06:48 2023
Response via : Initial Calibration



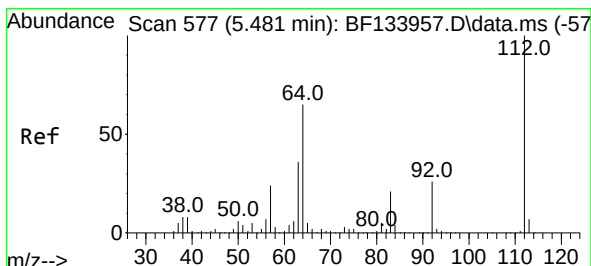
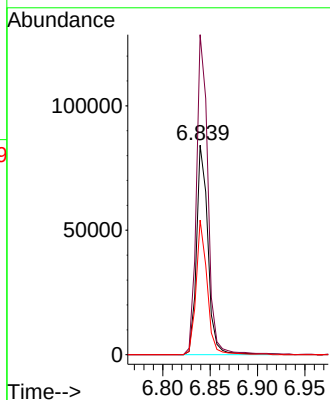
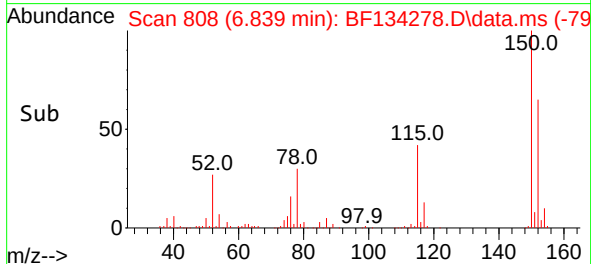


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134278.D
Acq: 14 Jul 2023 00:27

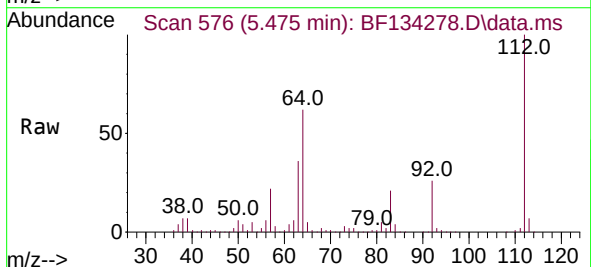
Instrument :
BNA_F
ClientSampleId :



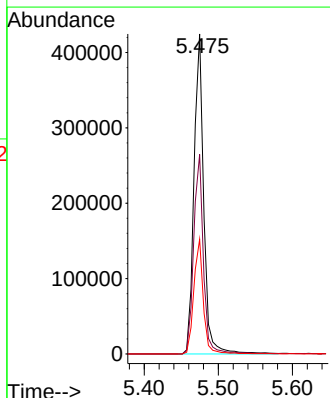
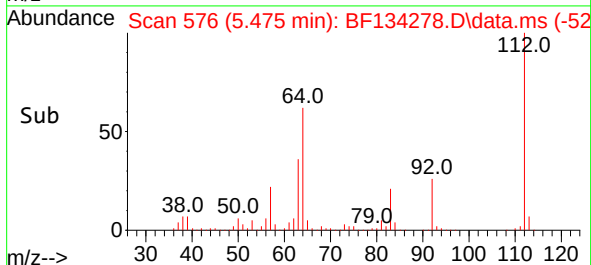
Tgt Ion:152 Resp: 70752
Ion Ratio Lower Upper
152 100
150 152.8 124.5 186.7
115 64.2 50.2 75.2

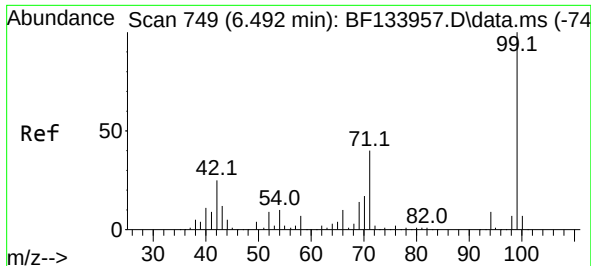


#5
2-Fluorophenol
Concen: 91.830 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.000 min
Lab File: BF134278.D
Acq: 14 Jul 2023 00:27



Tgt Ion:112 Resp: 388409
Ion Ratio Lower Upper
112 100
64 62.3 52.1 78.1
63 35.9 28.6 42.8





#7

Phenol-d6

Concen: 88.556 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

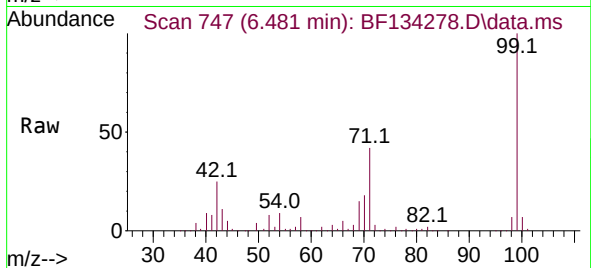
Lab File: BF134278.D

Acq: 14 Jul 2023 00:27

Instrument :

BNA_F

ClientSampleId :



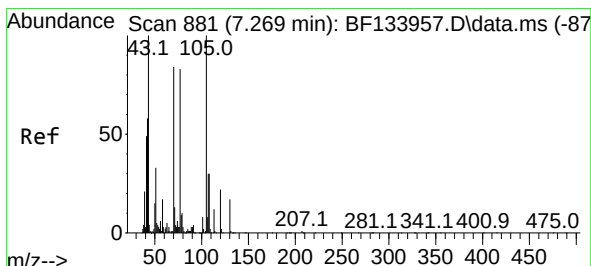
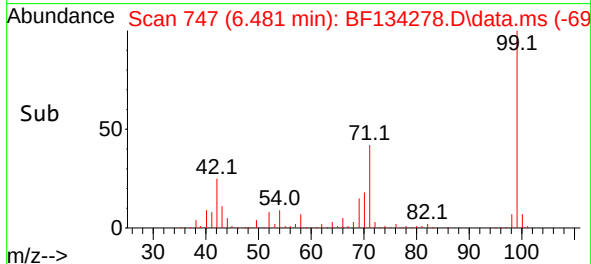
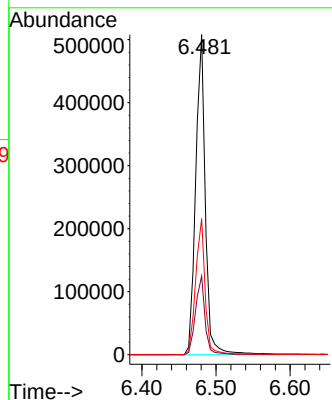
Tgt Ion: 99 Resp: 460636

Ion Ratio Lower Upper

99 100

42 24.5 19.8 29.6

71 42.5 31.9 47.9



#19

n-Nitroso-di-n-propylamine

Concen: 13.385 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.147 min

Lab File: BF134278.D

Acq: 14 Jul 2023 00:27

Tgt Ion: 70 Resp: 44152

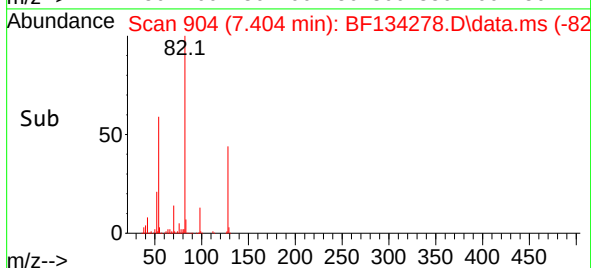
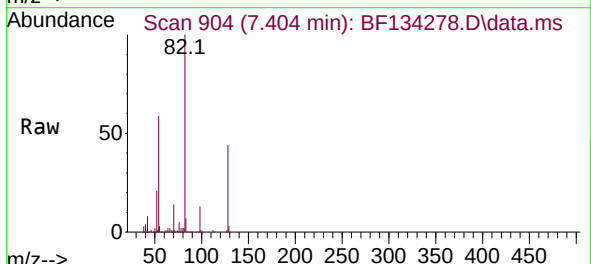
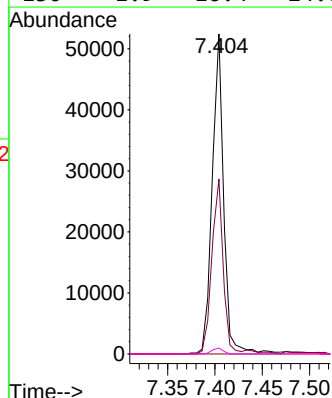
Ion Ratio Lower Upper

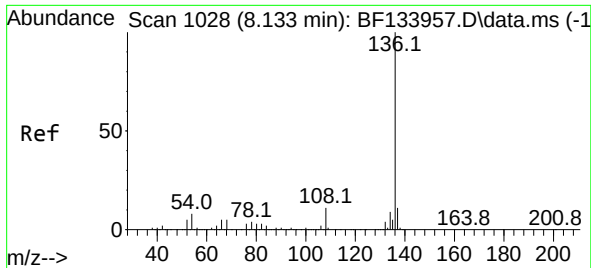
70 100

42 54.7 54.7 82.1#

101 0.0 7.7 11.5#

130 1.9 16.4 24.6#



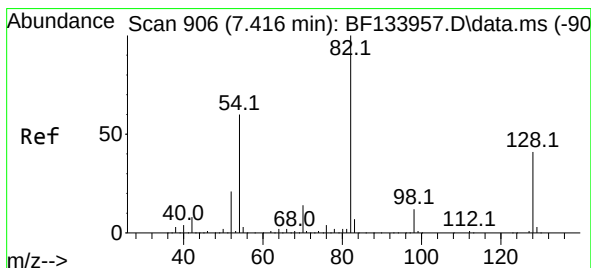
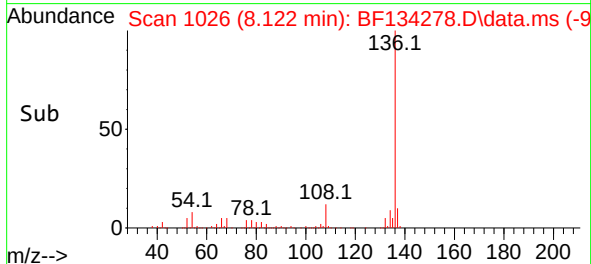
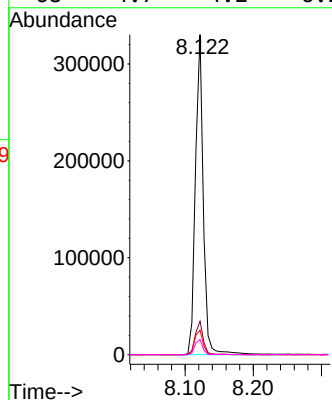
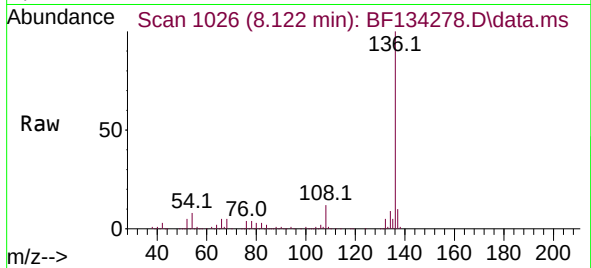


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134278.D
Acq: 14 Jul 2023 00:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 264993

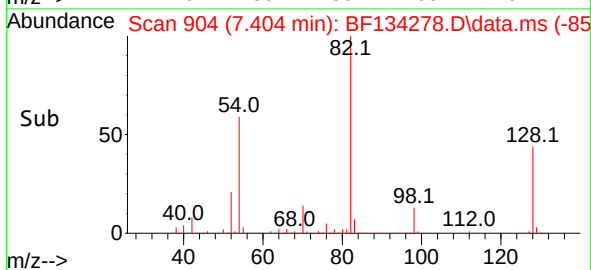
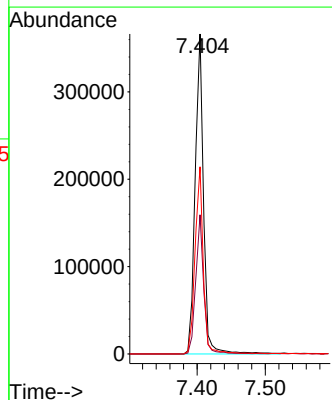
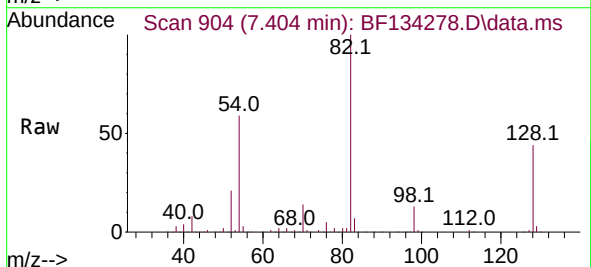
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	7.7	6.5	9.7
68	4.7	4.2	6.2

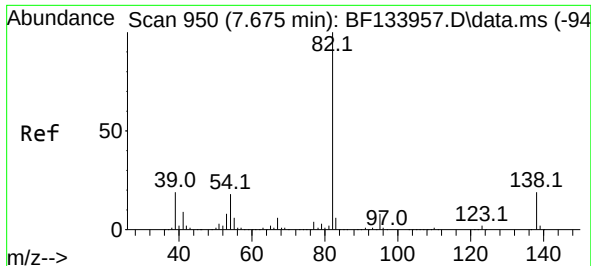


#23
Nitrobenzene-d5
Concen: 63.515 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134278.D
Acq: 14 Jul 2023 00:27

Tgt Ion: 82 Resp: 312234

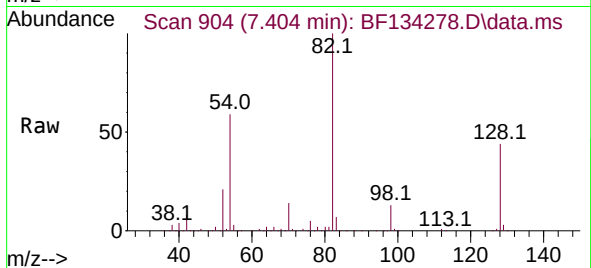
Ion	Ratio	Lower	Upper
82	100		
128	43.5	32.5	48.7
54	58.5	48.2	72.2



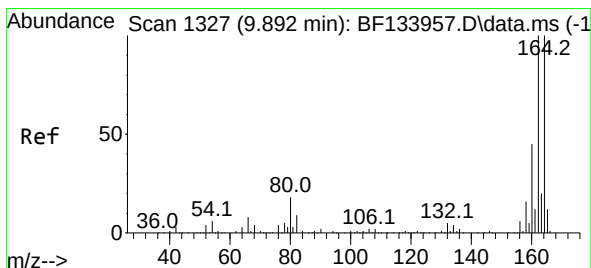
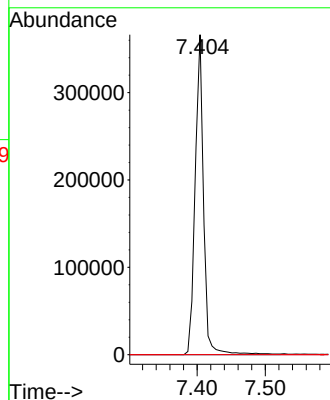
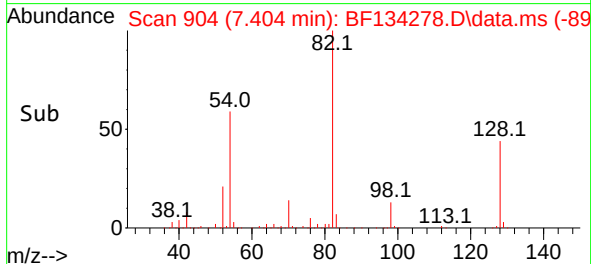


#25
Isophorone
Concen: 34.948 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134278.D
Acq: 14 Jul 2023 00:27

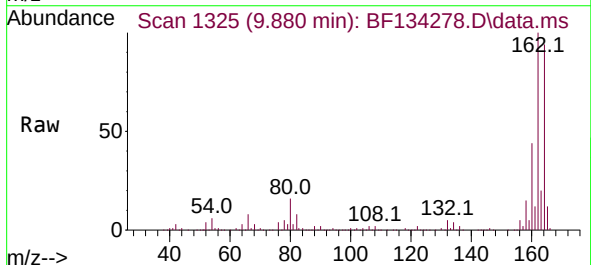
Instrument :
BNA_F
ClientSampleId :



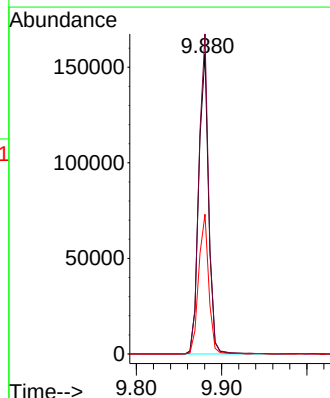
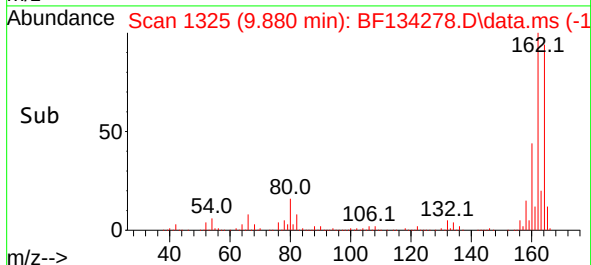
Tgt Ion: 82 Resp: 312234
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#

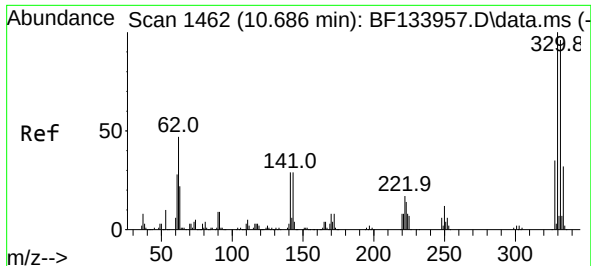


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134278.D
Acq: 14 Jul 2023 00:27



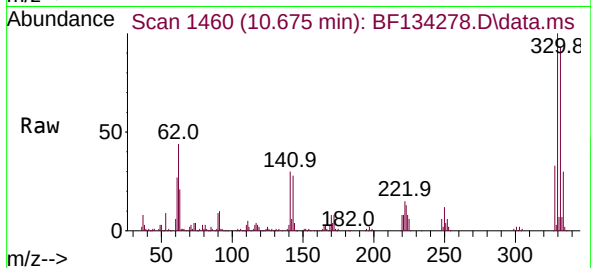
Tgt Ion:164 Resp: 126705
Ion Ratio Lower Upper
164 100
162 106.6 80.0 120.0
160 46.5 35.9 53.9



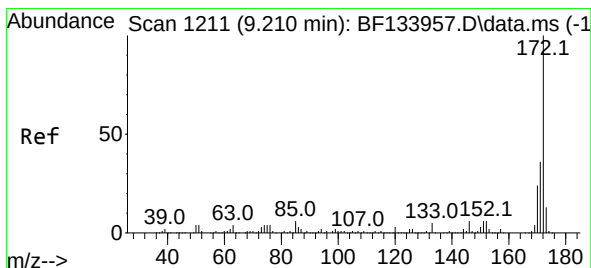
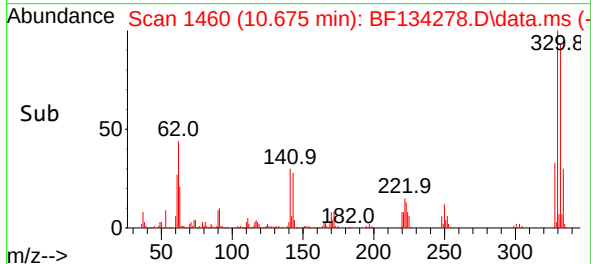
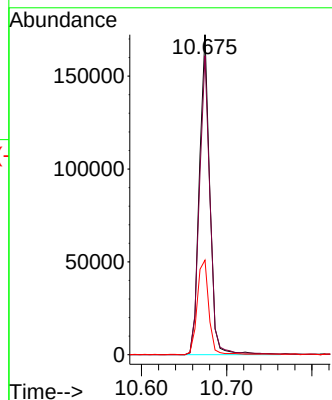


#42
2,4,6-Tribromophenol
Concen: 92.429 ng
RT: 10.675 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF134278.D
Acq: 14 Jul 2023 00:27

Instrument :
BNA_F
ClientSampleId :

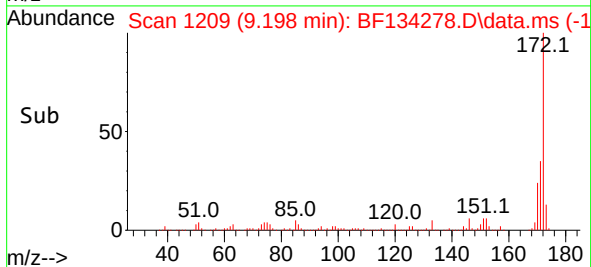
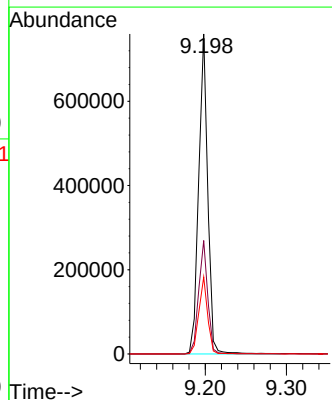
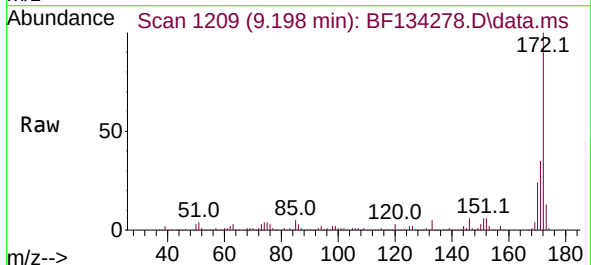


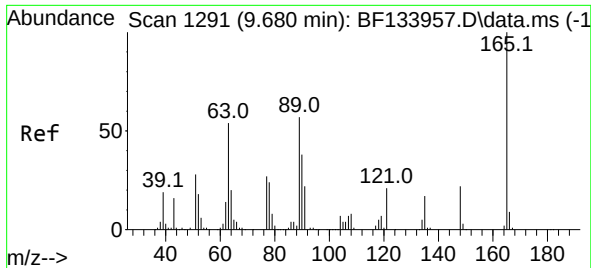
Tgt Ion:330 Resp: 146835
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 32.7 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 67.924 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134278.D
Acq: 14 Jul 2023 00:27

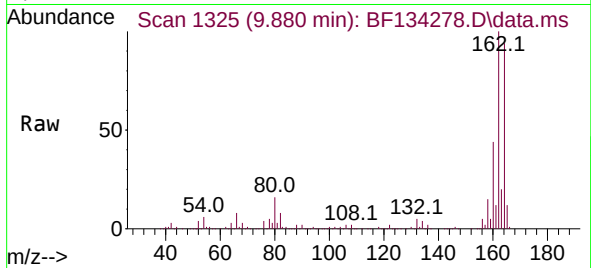
Tgt Ion:172 Resp: 591953
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 24.0 19.4 29.0



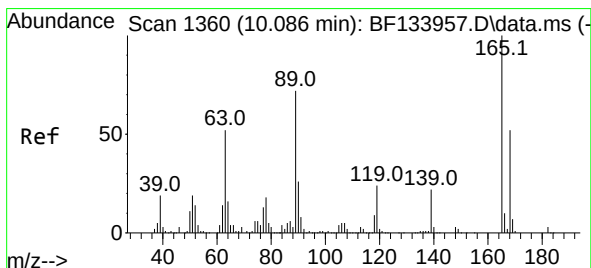
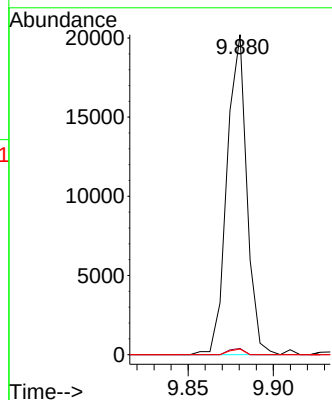
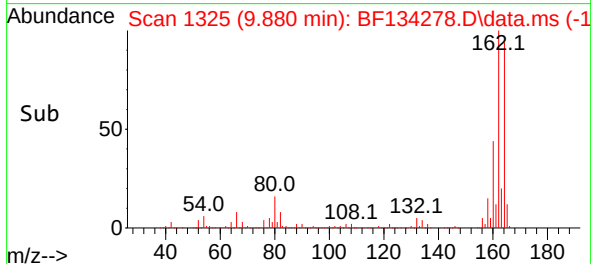


#51
2,6-Dinitrotoluene
Concen: 8.231 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134278.D
Acq: 14 Jul 2023 00:27

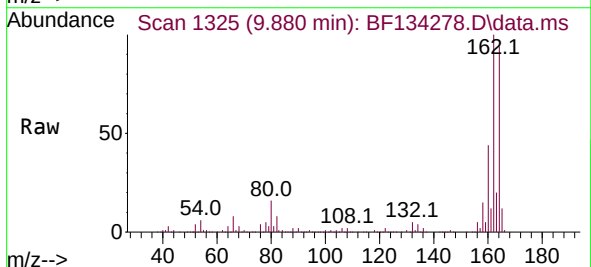
Instrument :
BNA_F
ClientSampleId :



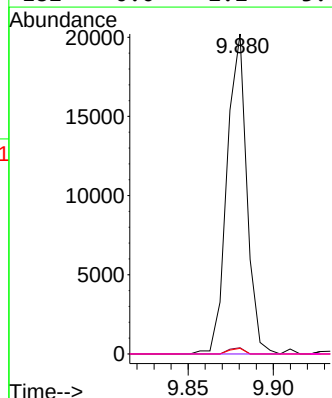
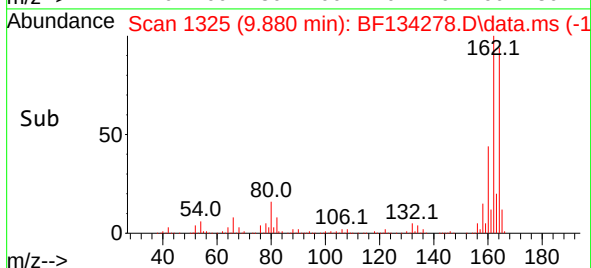
Tgt Ion:165 Resp: 16306
Ion Ratio Lower Upper
165 100
63 2.0 48.5 72.7#
89 1.7 45.5 68.3#

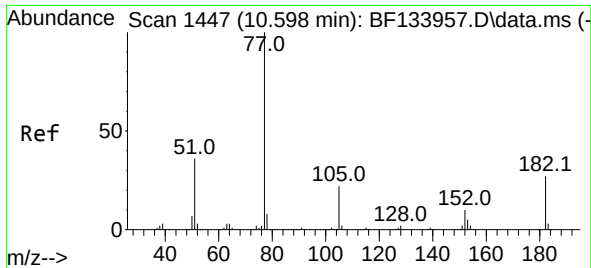


#57
2,4-Dinitrotoluene
Concen: 6.233 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF134278.D
Acq: 14 Jul 2023 00:27



Tgt Ion:165 Resp: 16306
Ion Ratio Lower Upper
165 100
63 2.0 42.2 63.2#
89 1.7 57.4 86.2#
182 0.0 2.2 3.4#

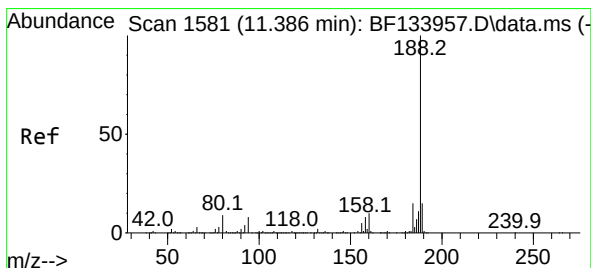
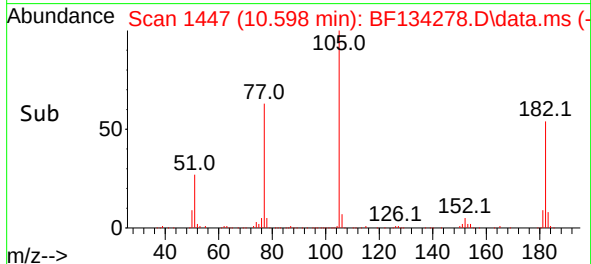
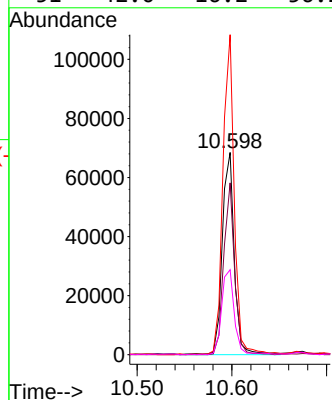
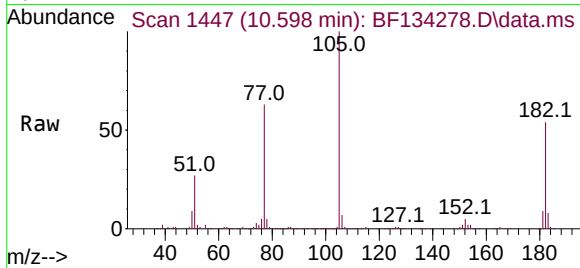




#63
Azobenzene
Concen: 6.678 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF134278.D
Acq: 14 Jul 2023 00:27

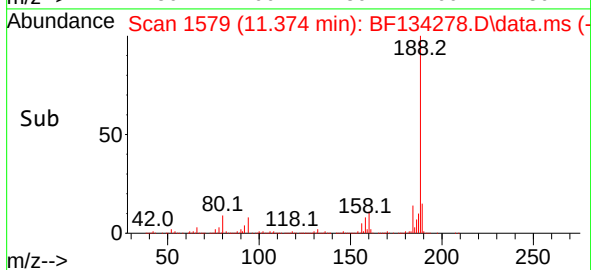
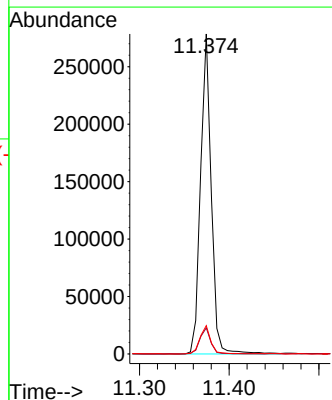
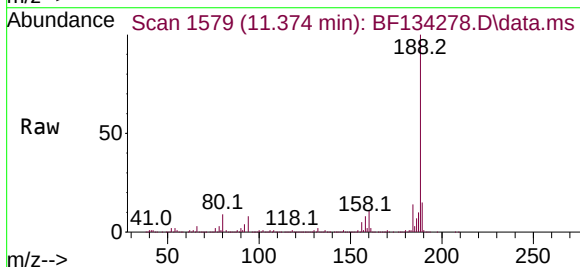
Instrument :
BNA_F
ClientSampleId :

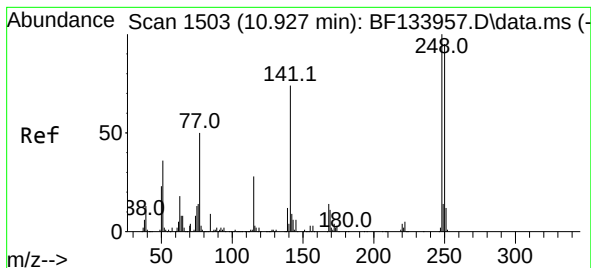
Tgt Ion: 77 Resp: 60528
Ion Ratio Lower Upper
77 100
182 85.0 6.8 46.8#
105 158.3 2.3 42.3#
51 42.0 16.2 56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF134278.D
Acq: 14 Jul 2023 00:27

Tgt Ion:188 Resp: 230534
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.8 7.3 10.9

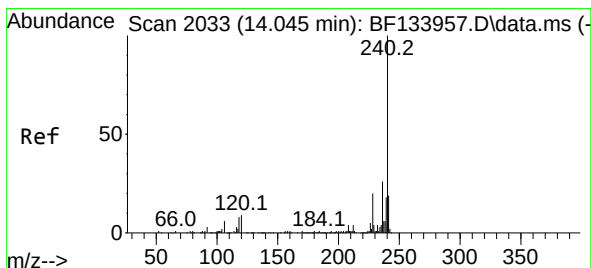
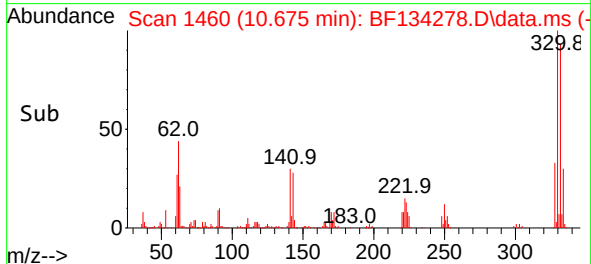
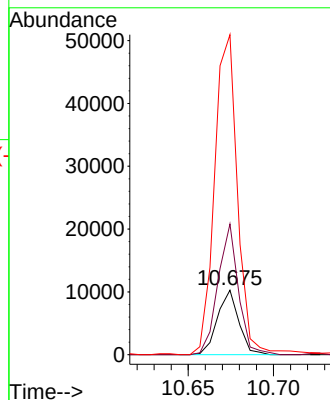
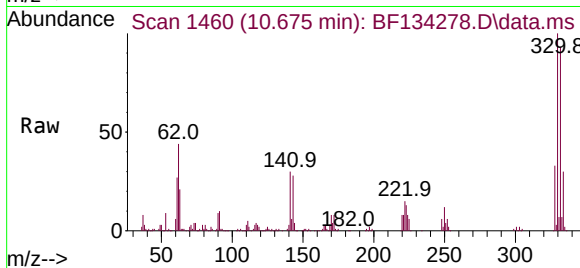




#67
4-Bromophenyl-phenylether
Concen: 3.659 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF134278.D
Acq: 14 Jul 2023 00:27

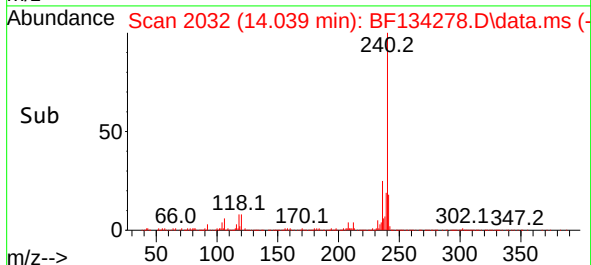
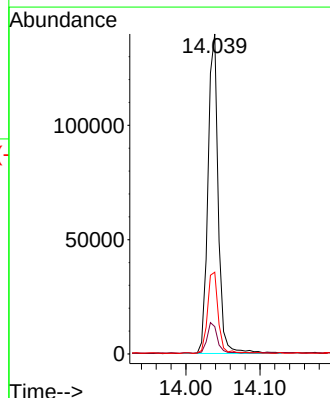
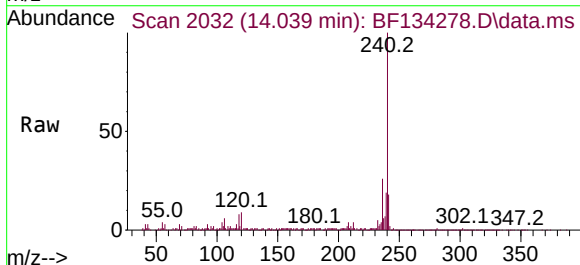
Instrument :
BNA_F
ClientSampleId :

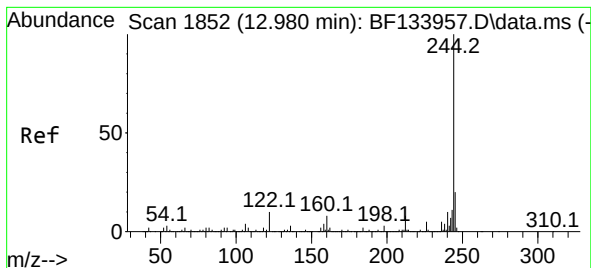
Tgt Ion:248 Resp: 8965
Ion Ratio Lower Upper
248 100
250 202.7 76.2 114.4#
141 496.2 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF134278.D
Acq: 14 Jul 2023 00:27

Tgt Ion:240 Resp: 134663
Ion Ratio Lower Upper
240 100
120 8.5 7.4 11.0
236 25.5 21.0 31.6





#79

Terphenyl-d14

Concen: 72.473 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF134278.D

Acq: 14 Jul 2023 00:27

Instrument :

BNA_F

ClientSampleId :

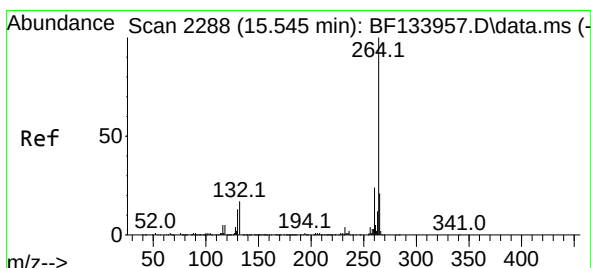
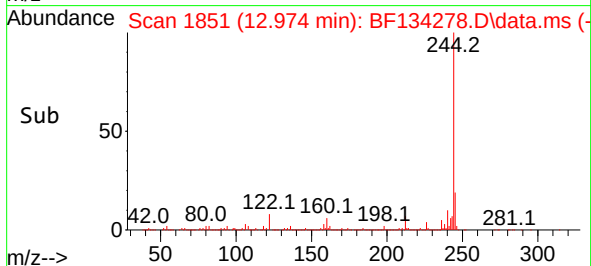
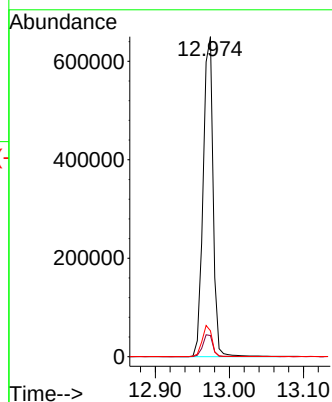
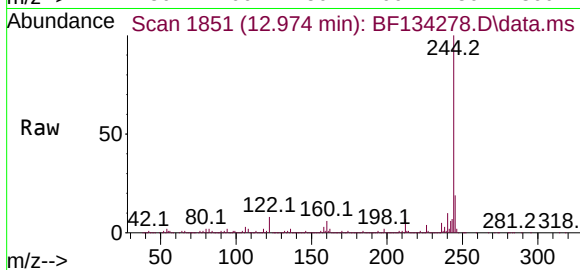
Tgt Ion:244 Resp: 606392

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

122 8.1 8.3 12.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2288

Delta R.T. -0.000 min

Lab File: BF134278.D

Acq: 14 Jul 2023 00:27

Tgt Ion:264 Resp: 102502

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 20.6 16.6 25.0

