

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134147.D
 Acq On : 08 Jul 2023 14:20
 Operator : CG\JU
 Sample : 03515-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 09 00:36:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

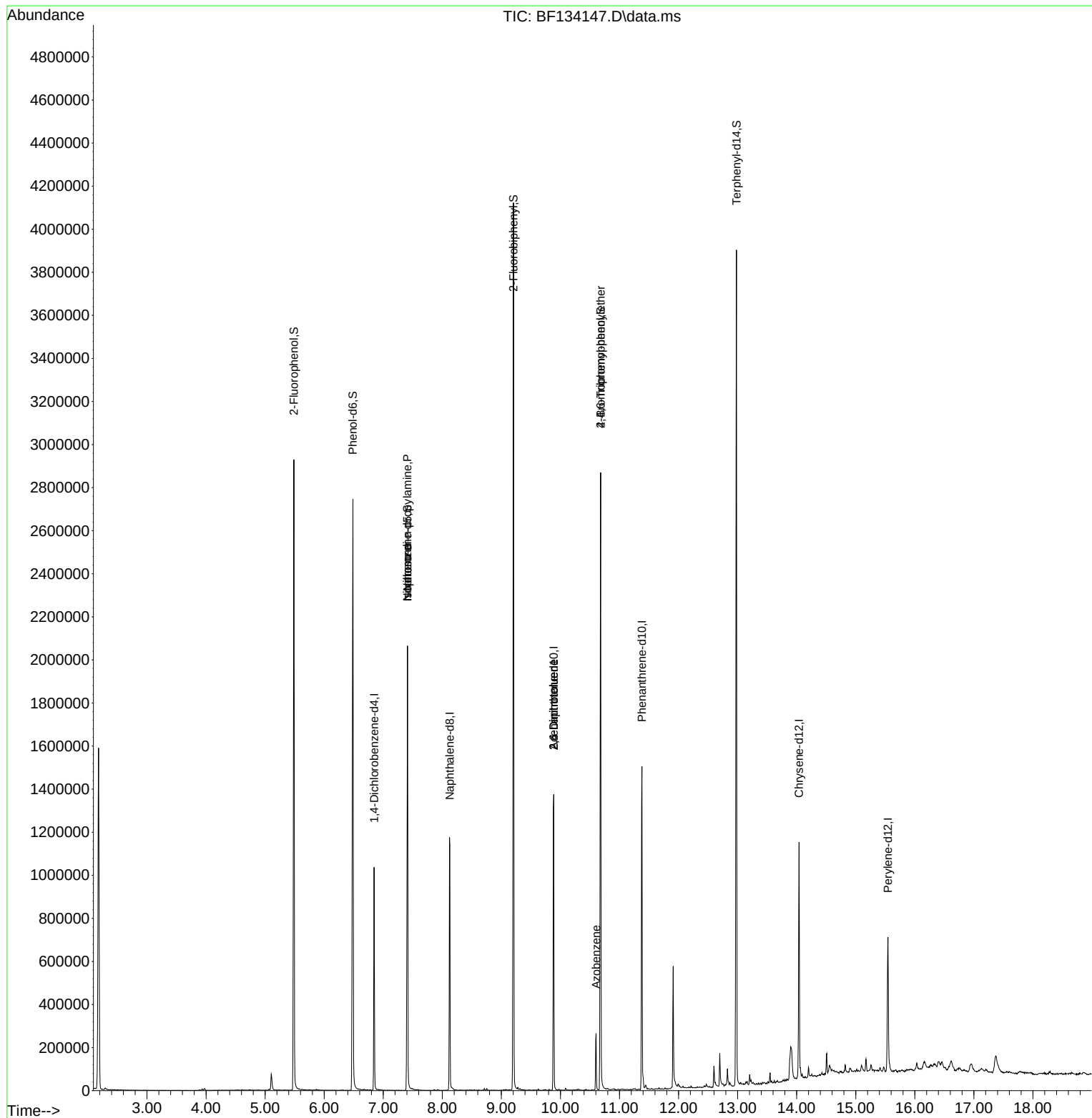
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	136096	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	535194	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	283064	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	567249	20.000	ng	0.00
76) Chrysene-d12	14.039	240	359272	20.000	ng	-0.01
86) Perylene-d12	15.545	264	299745	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	751174	92.327	ng	0.00
7) Phenol-d6	6.486	99	931913	93.139	ng	0.00
23) Nitrobenzene-d5	7.410	82	640679	64.530	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	354507	99.888	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1176269	60.416	ng	0.00
79) Terphenyl-d14	12.980	244	1398549	62.650	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.486	77	1603	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	91203	14.373	ng	# 80
25) Isophorone	7.410	82	640751	35.510	ng	# 64
51) 2,6-Dinitrotoluene	9.886	165	35334	7.984	ng	# 23
57) 2,4-Dinitrotoluene	9.886	165	35334	6.046	ng	# 22
63) Azobenzene	10.604	77	47255	2.334	ng	# 1
67) 4-Bromophenyl-phenylether	10.680	248	21138	3.506	ng	# 1

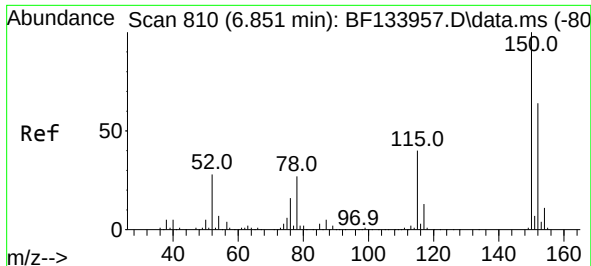
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
Data File : BF134147.D
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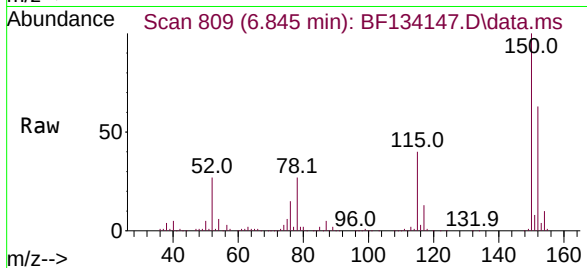
Quant Time: Jul 09 00:36:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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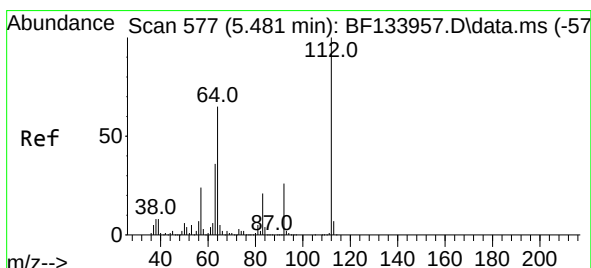
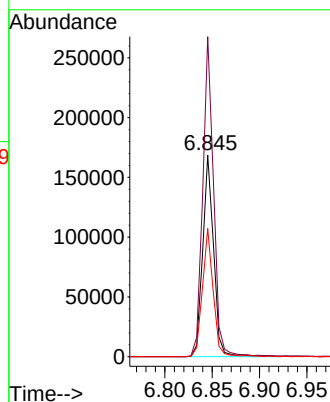
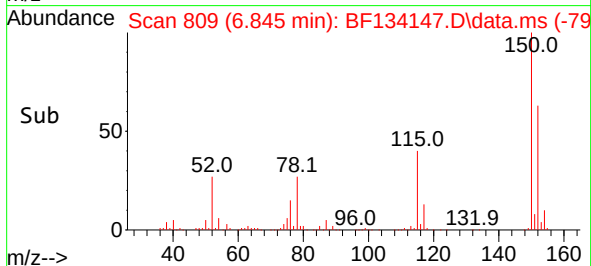


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134147.D
Acq: 08 Jul 2023 14:20

Instrument :
BNA_F
ClientSampleId :

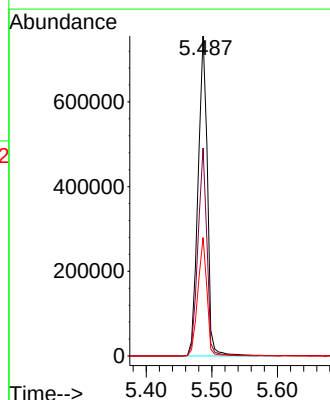
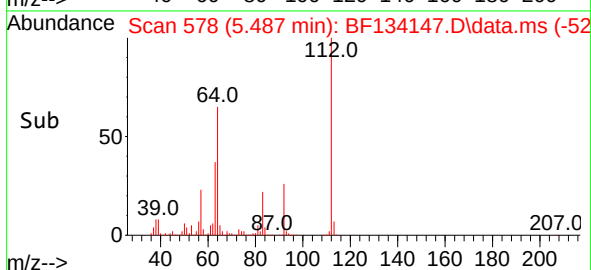
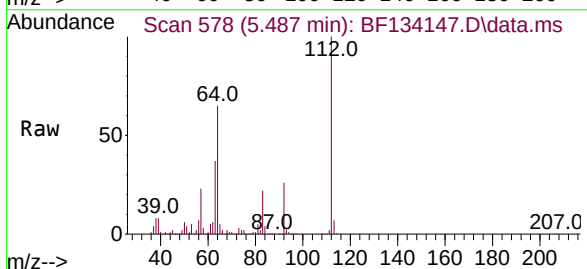


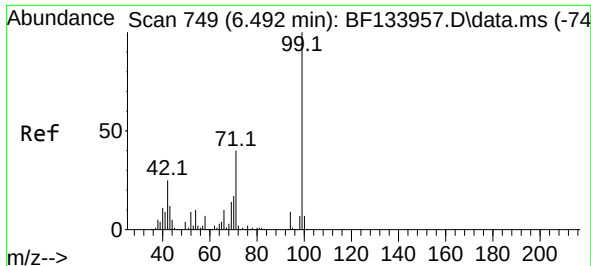
Tgt Ion:152 Resp: 136096
Ion Ratio Lower Upper
152 100
150 158.7 124.5 186.7
115 63.6 50.2 75.2



#5
2-Fluorophenol
Concen: 92.327 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF134147.D
Acq: 08 Jul 2023 14:20

Tgt Ion:112 Resp: 751174
Ion Ratio Lower Upper
112 100
64 64.9 52.1 78.1
63 37.0 28.6 42.8

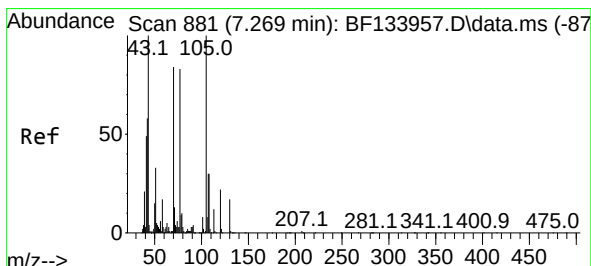
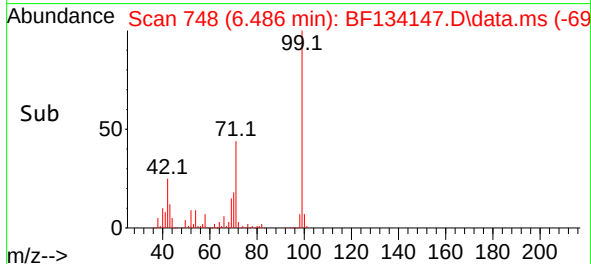
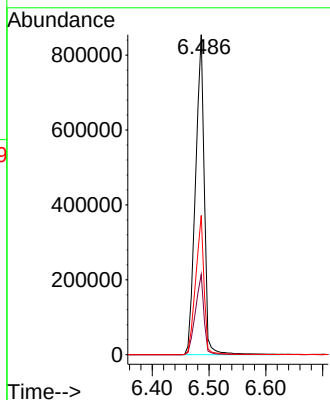
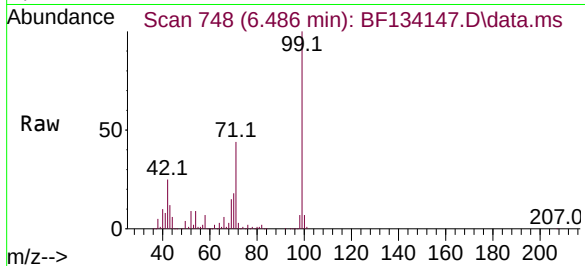




#7
Phenol-d6
Concen: 93.139 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134147.D
Acq: 08 Jul 2023 14:20

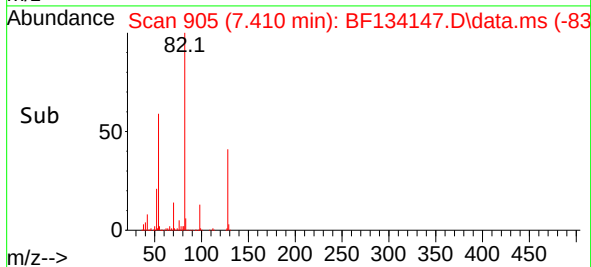
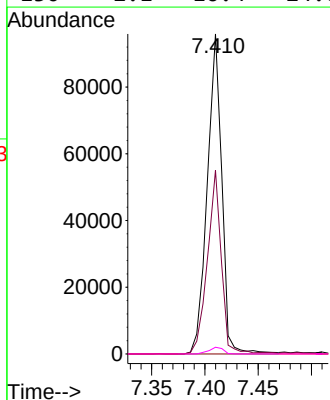
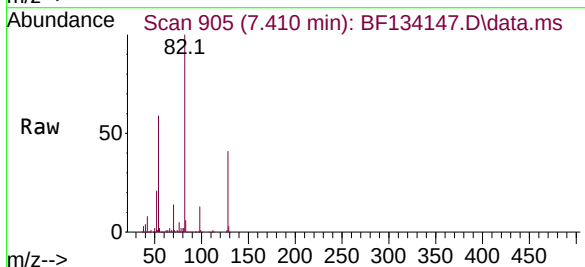
Instrument :
BNA_F
ClientSampleId :

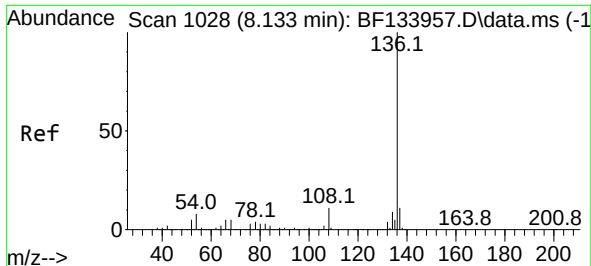
Tgt Ion: 99 Resp: 931913
Ion Ratio Lower Upper
99 100
42 25.1 19.8 29.6
71 43.5 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 14.373 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134147.D
Acq: 08 Jul 2023 14:20

Tgt Ion: 70 Resp: 91203
Ion Ratio Lower Upper
70 100
42 57.5 54.7 82.1
101 0.0 7.7 11.5#
130 2.1 16.4 24.6#



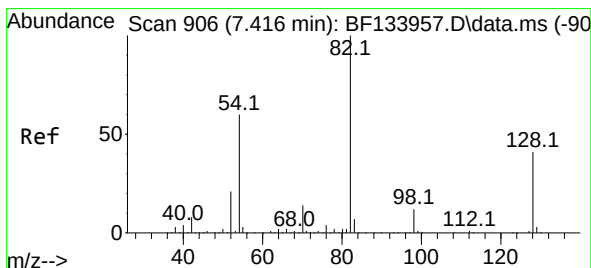
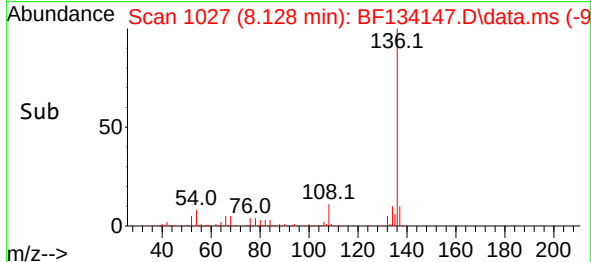
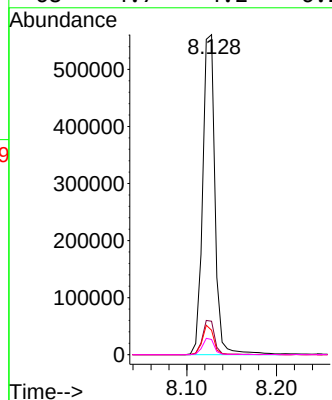
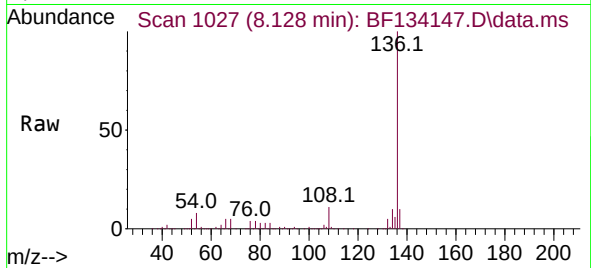


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134147.D
Acq: 08 Jul 2023 14:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 535194

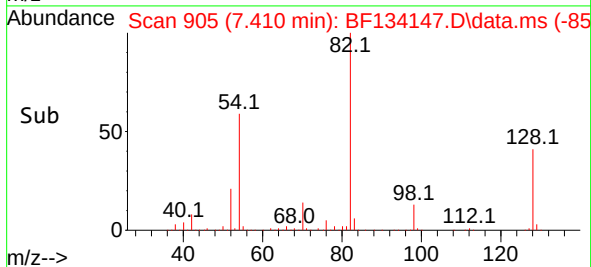
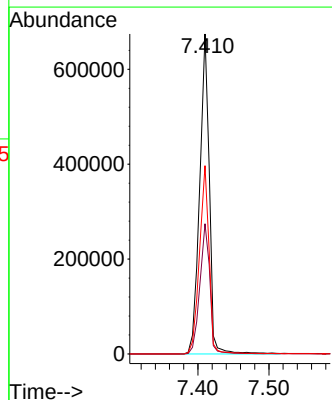
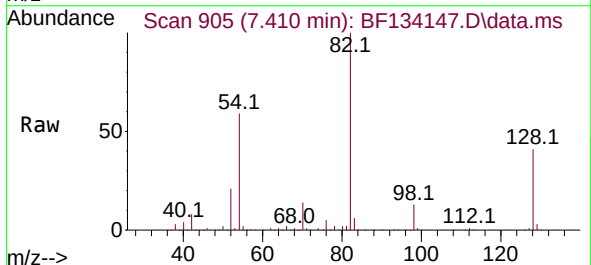
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	12.8
54	7.7	6.5	9.7
68	4.7	4.2	6.2

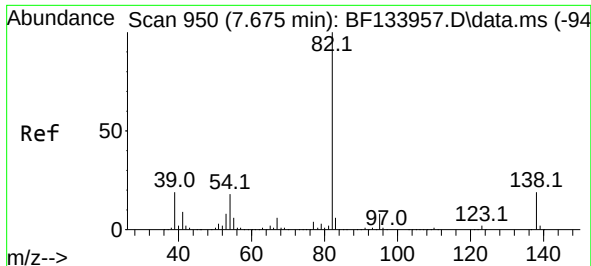


#23
Nitrobenzene-d5
Concen: 64.530 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134147.D
Acq: 08 Jul 2023 14:20

Tgt Ion: 82 Resp: 640679

Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.5	48.7
54	58.9	48.2	72.2

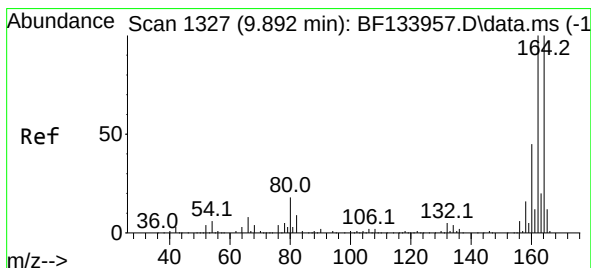
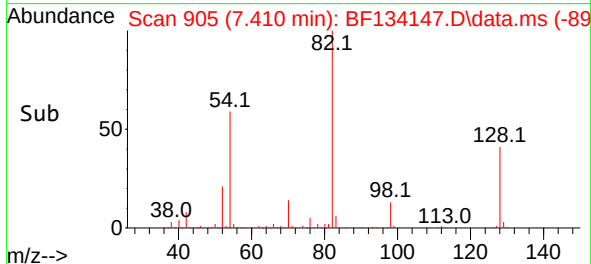
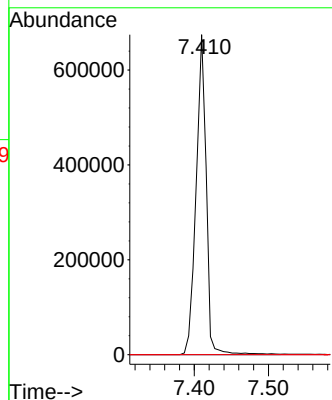
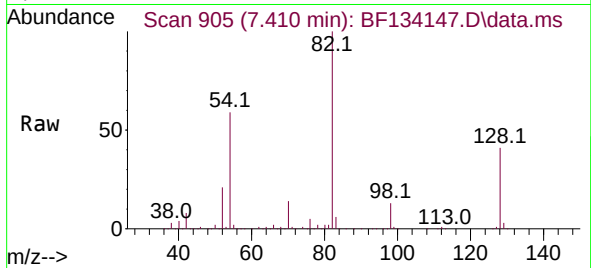




#25
Isophorone
Concen: 35.510 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134147.D
Acq: 08 Jul 2023 14:20

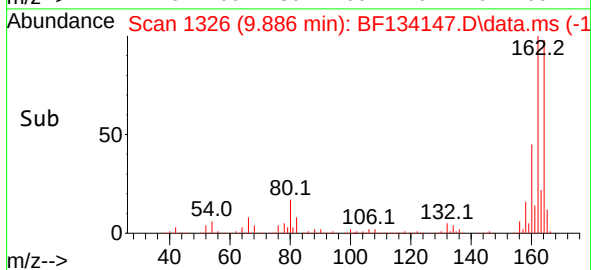
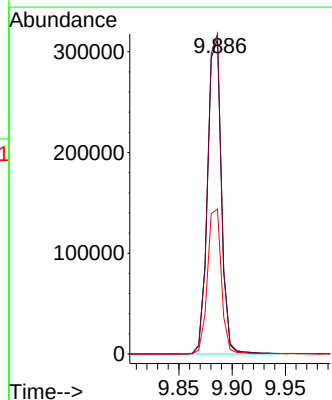
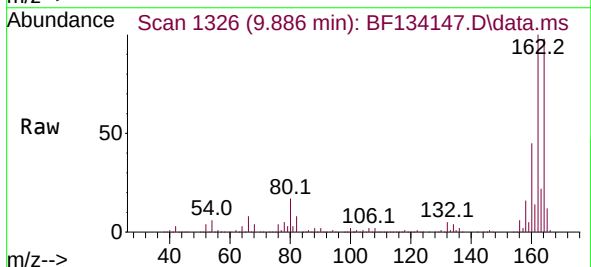
Instrument :
BNA_F
ClientSampleId :

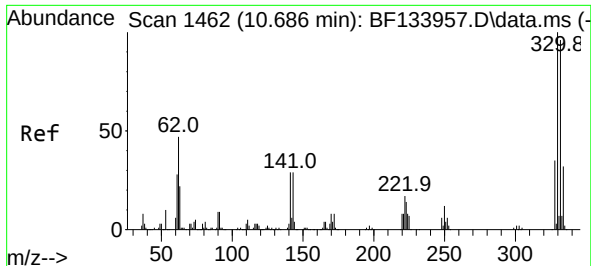
Tgt Ion: 82 Resp: 640751
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF134147.D
Acq: 08 Jul 2023 14:20

Tgt Ion:164 Resp: 283064
Ion Ratio Lower Upper
164 100
162 101.6 80.0 120.0
160 46.0 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 99.888 ng

RT: 10.680 min Scan# 1462

Delta R.T. -0.006 min

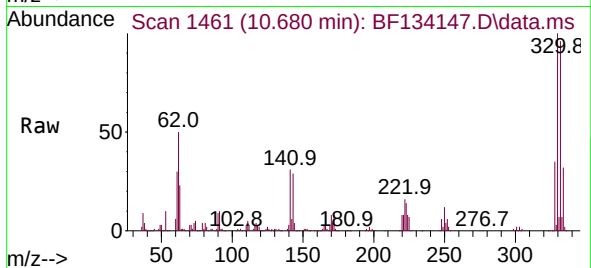
Lab File: BF134147.D

Acq: 08 Jul 2023 14:20

Instrument :

BNA_F

ClientSampleId :



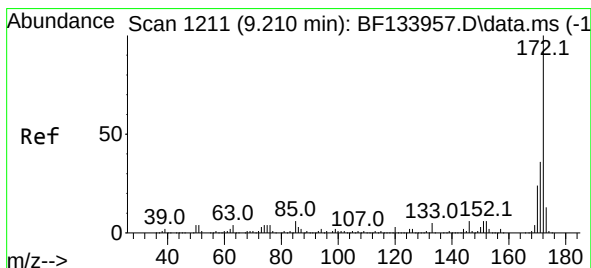
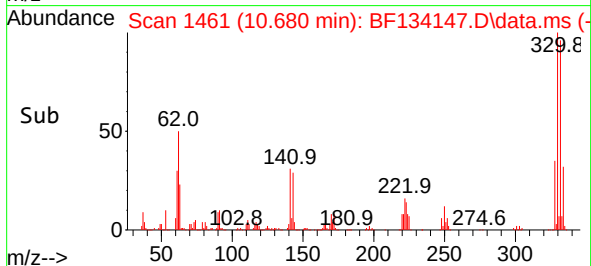
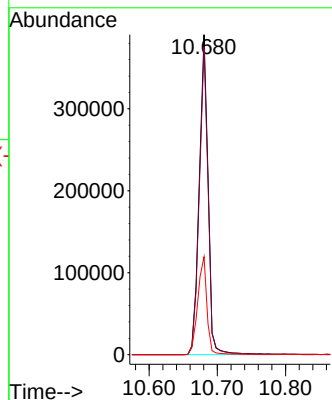
Tgt Ion:330 Resp: 354507

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

141 31.8 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 60.416 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134147.D

Acq: 08 Jul 2023 14:20

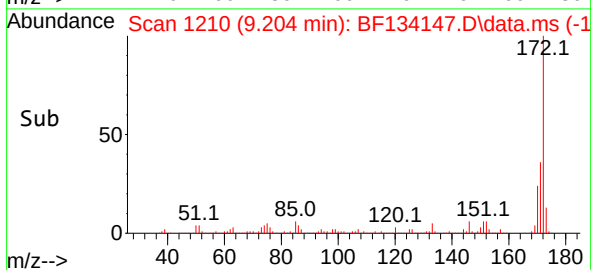
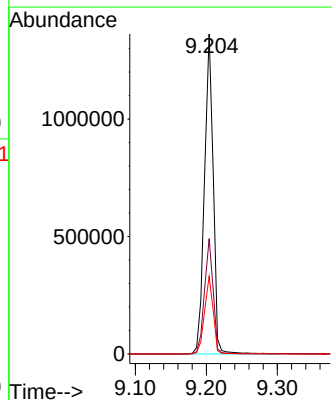
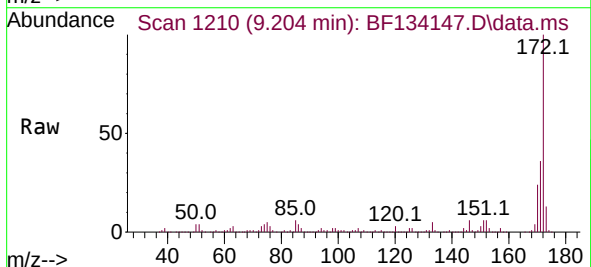
Tgt Ion:172 Resp: 1176269

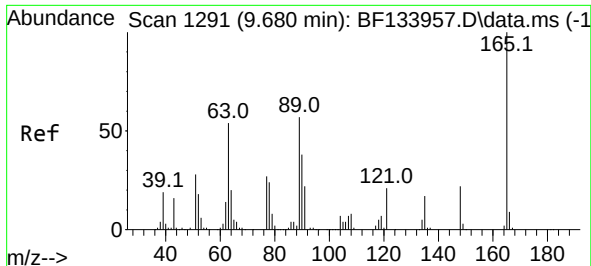
Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

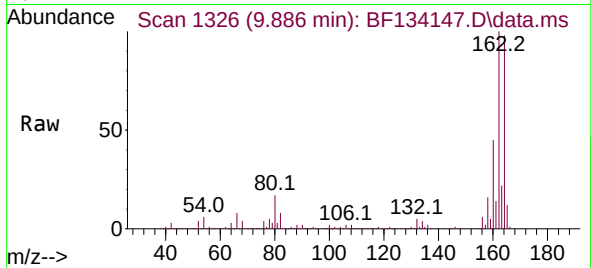
170 24.3 19.4 29.0



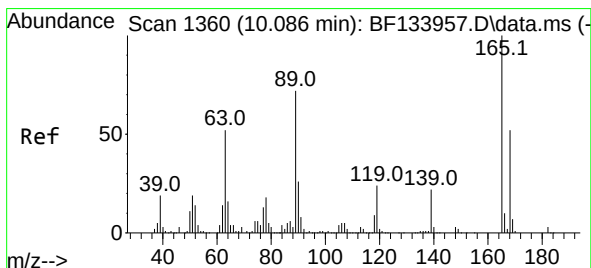
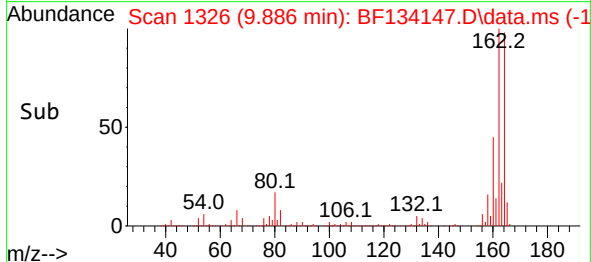
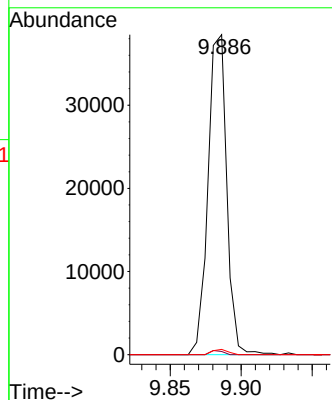


#51
2,6-Dinitrotoluene
Concen: 7.984 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134147.D
Acq: 08 Jul 2023 14:20

Instrument :
BNA_F
ClientSampleId :

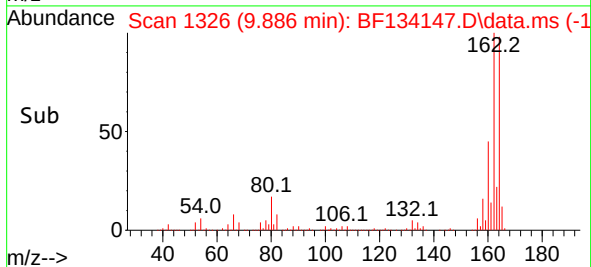
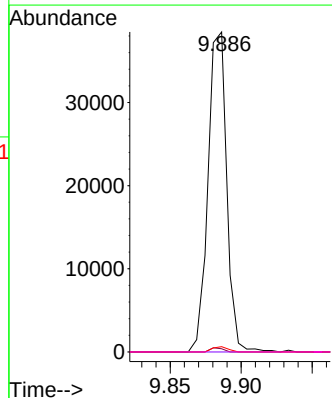
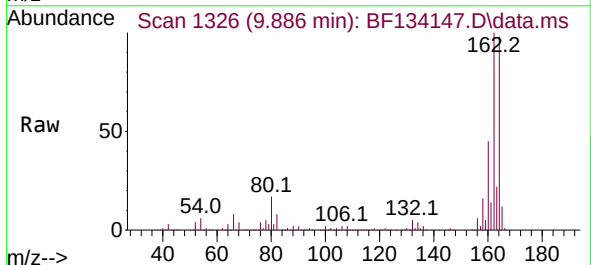


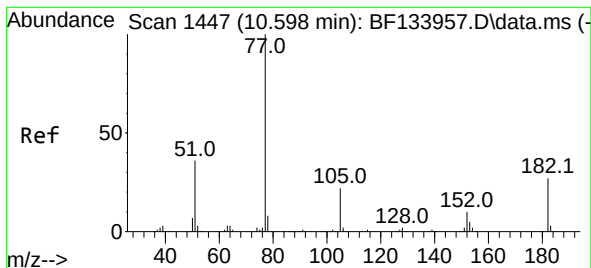
Tgt Ion:165 Resp: 35334
Ion Ratio Lower Upper
165 100
63 1.0 48.5 72.7#
89 1.6 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.046 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF134147.D
Acq: 08 Jul 2023 14:20

Tgt Ion:165 Resp: 35334
Ion Ratio Lower Upper
165 100
63 1.0 42.2 63.2#
89 1.6 57.4 86.2#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 2.334 ng

RT: 10.604 min Scan# 1448

Delta R.T. 0.006 min

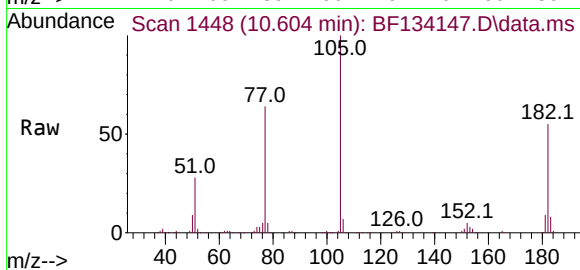
Lab File: BF134147.D

Acq: 08 Jul 2023 14:20

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 47255

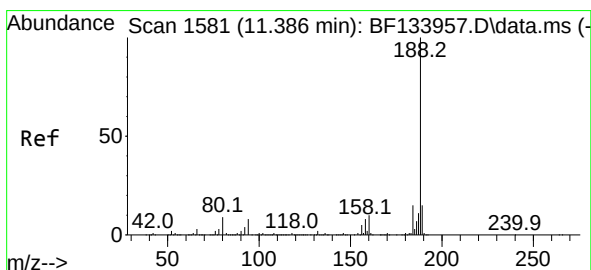
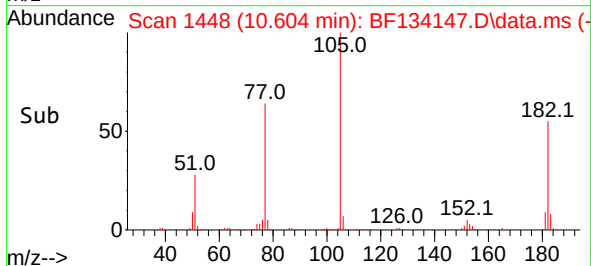
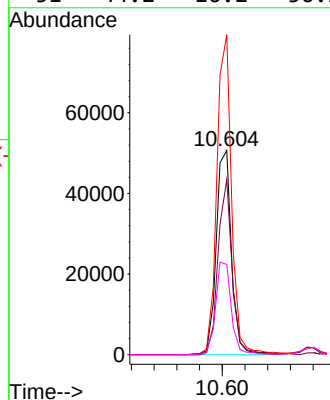
Ion Ratio Lower Upper

77 100

182 85.8 6.8 46.8#

105 156.7 2.3 42.3#

51 44.2 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF134147.D

Acq: 08 Jul 2023 14:20

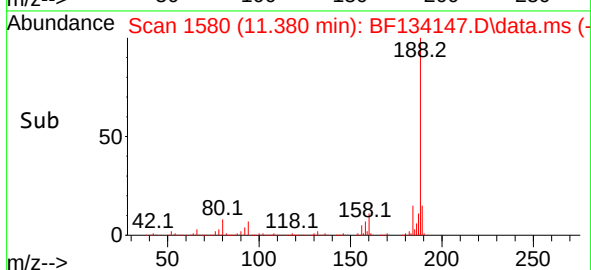
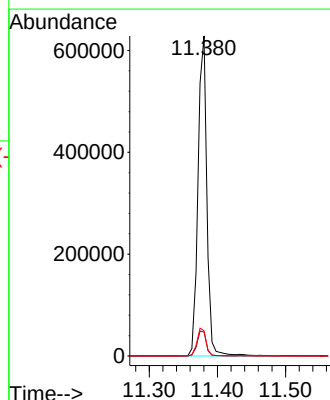
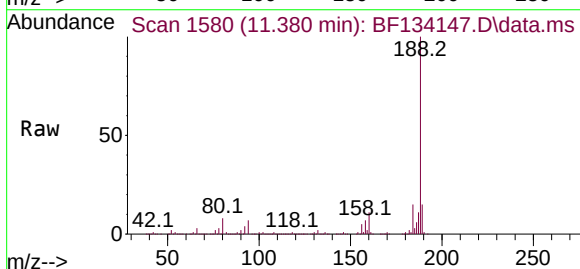
Tgt Ion:188 Resp: 567249

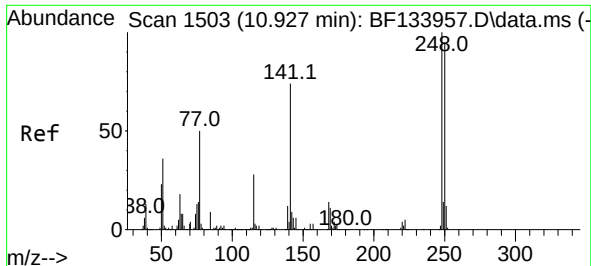
Ion Ratio Lower Upper

188 100

94 7.4 6.4 9.6

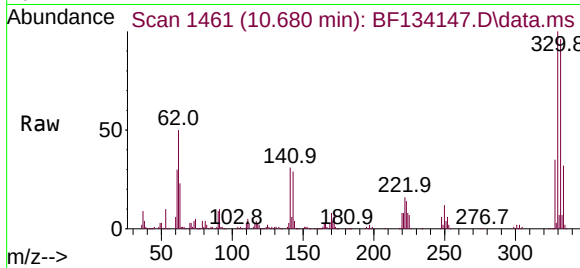
80 7.9 7.3 10.9



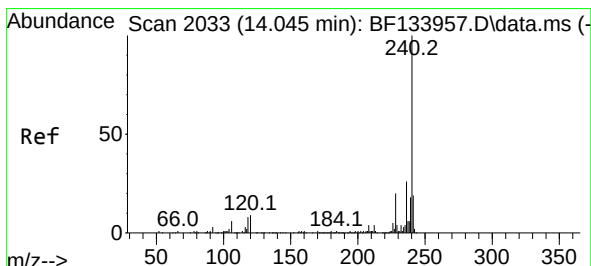
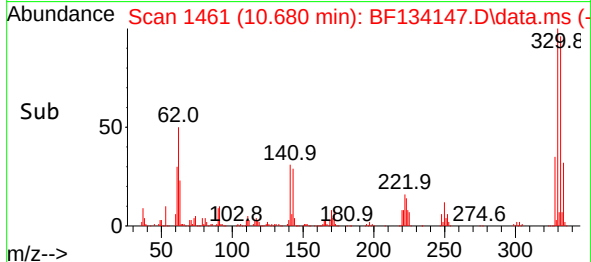
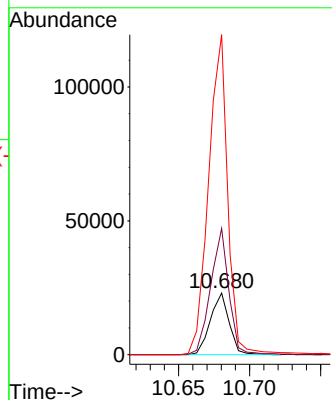


#67
4-Bromophenyl-phenylether
Concen: 3.506 ng
RT: 10.680 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF134147.D
Acq: 08 Jul 2023 14:20

Instrument :
BNA_F
ClientSampleId :

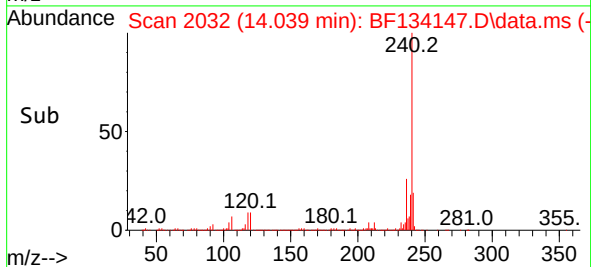
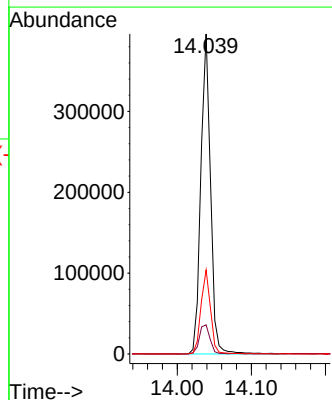
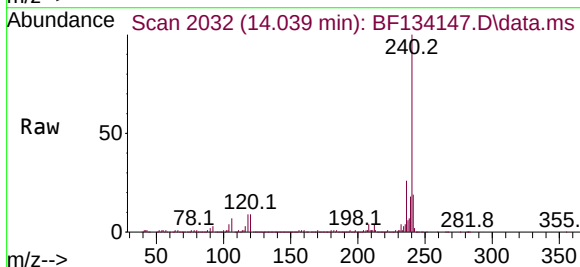


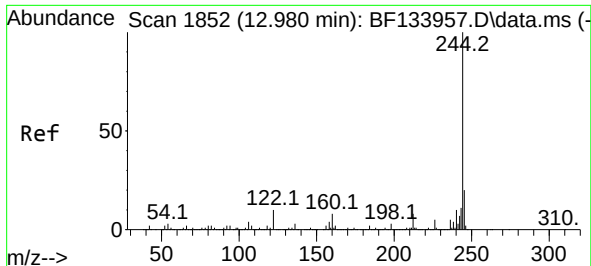
Tgt Ion:248 Resp: 21138
Ion Ratio Lower Upper
248 100
250 205.1 76.2 114.4#
141 519.9 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF134147.D
Acq: 08 Jul 2023 14:20

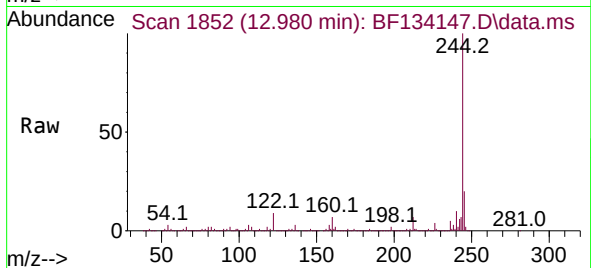
Tgt Ion:240 Resp: 359272
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.0
236 26.2 21.0 31.6



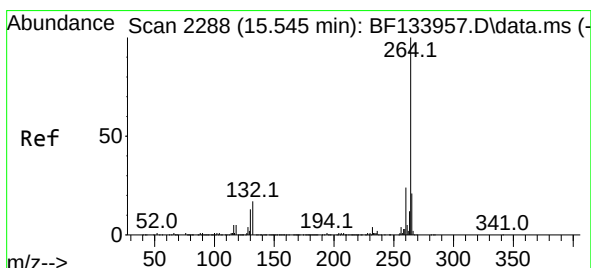
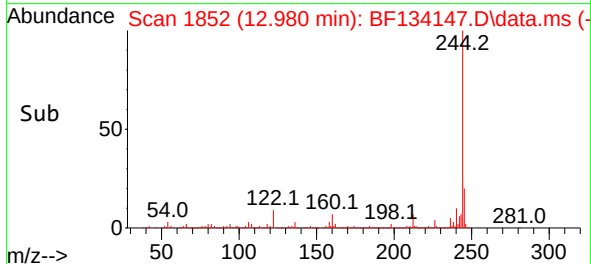
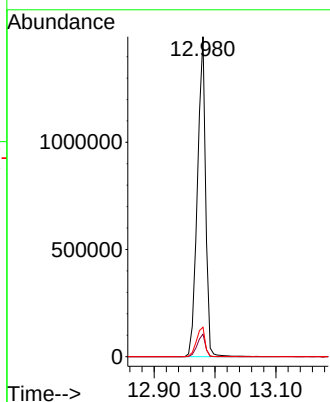


#79
 Terphenyl-d14
 Concen: 62.650 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF134147.D
 Acq: 08 Jul 2023 14:20

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1398549
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF134147.D
 Acq: 08 Jul 2023 14:20

Tgt Ion:264 Resp: 299745
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.9 16.6 25.0

