

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
 Data File : BF134529.D
 Acq On : 28 Jul 2023 22:55
 Operator : CG\JU
 Sample : 03645-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Quant Time: Jul 29 01:28:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 12:16:03 2023
 Response via : Initial Calibration

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

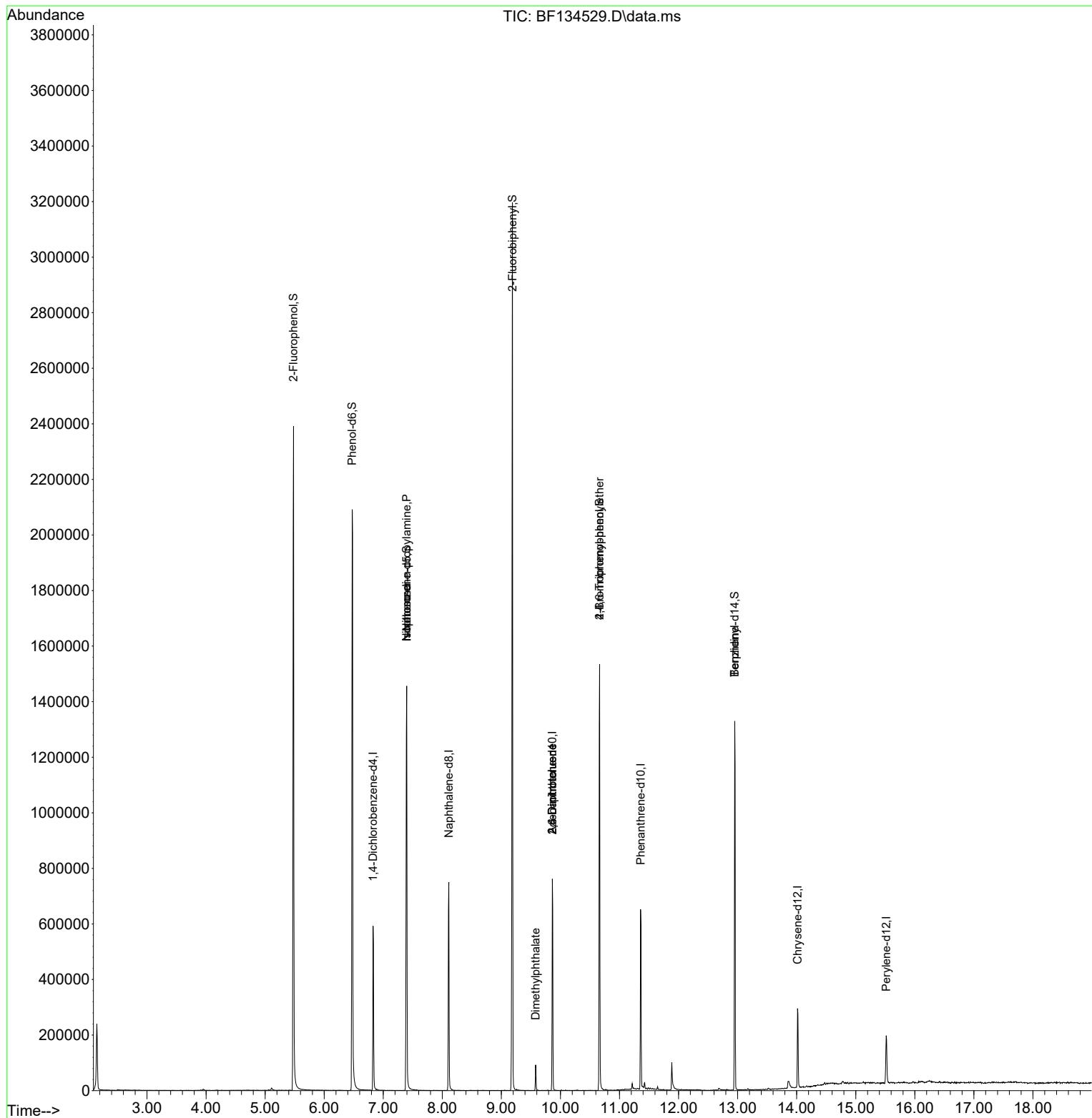
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	91888	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	340769	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	152963	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	249000	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	98446	20.000	ng	0.00
86) Perylene-d12	15.515	264	83866	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	645102	115.992	ng	0.02
7) Phenol-d6	6.475	99	752803	110.478	ng	0.00
23) Nitrobenzene-d5	7.398	82	487022	72.309	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	191554	88.139	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	888206	76.230	ng	0.00
79) Terphenyl-d14	12.951	244	469302	83.218	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	68592	16.170	ng	# 74
25) Isophorone	7.398	82	487015	43.386	ng	# 65
50) Dimethylphthalate	9.580	163	31414	2.770	ng	97
51) 2,6-Dinitrotoluene	9.863	165	19355	7.779	ng	# 17
57) 2,4-Dinitrotoluene	9.863	165	19355	5.792	ng	# 18
67) 4-Bromophenyl-phenylether	10.663	248	11314	4.147	ng	# 1
77) Benzidine	12.951	184	6309	3.001	ng	# 92

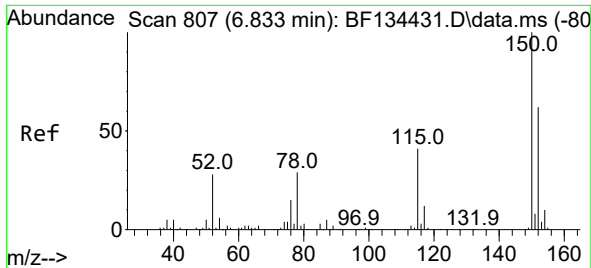
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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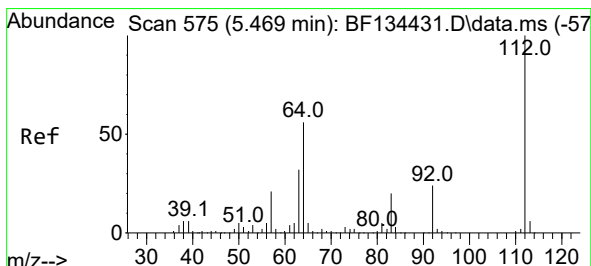
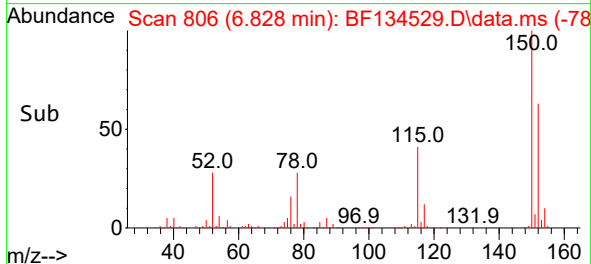
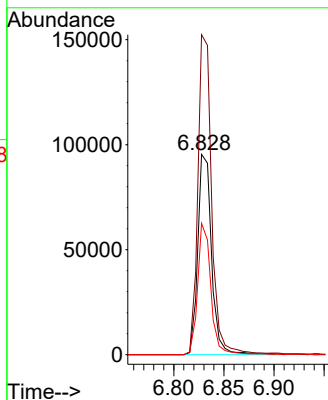
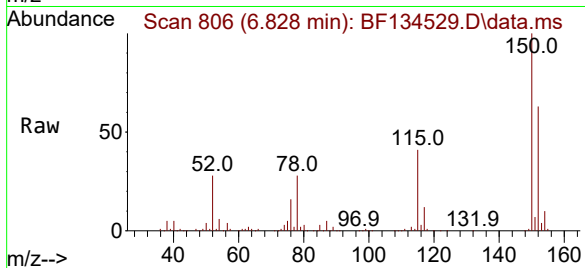




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF134529.D
Acq: 28 Jul 2023 22:55

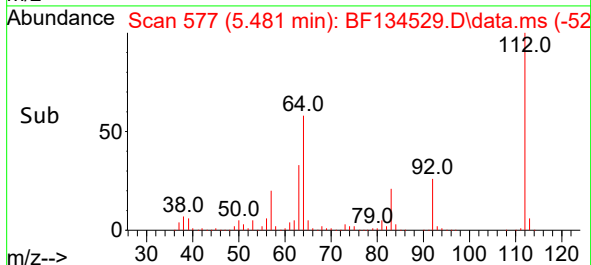
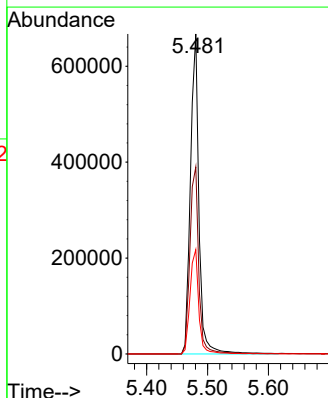
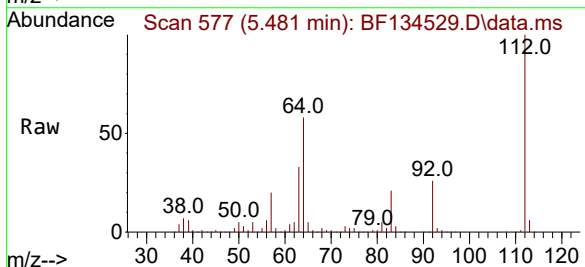
Instrument :
BNA_F
ClientSampleId :
DUP

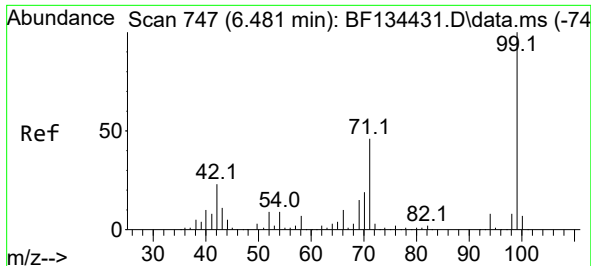
Tgt Ion:152 Resp: 91888
Ion Ratio Lower Upper
152 100
150 159.8 128.3 192.5
115 65.6 52.4 78.6



#5
2-Fluorophenol
Concen: 115.992 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF134529.D
Acq: 28 Jul 2023 22:55

Tgt Ion:112 Resp: 645102
Ion Ratio Lower Upper
112 100
64 58.4 44.9 67.3
63 32.6 25.4 38.0

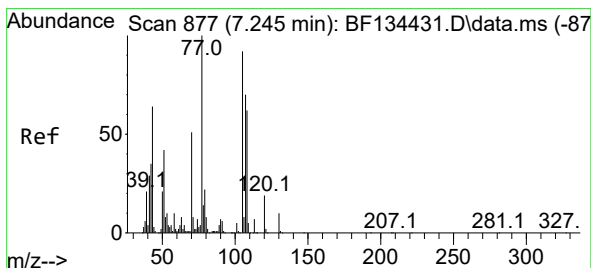
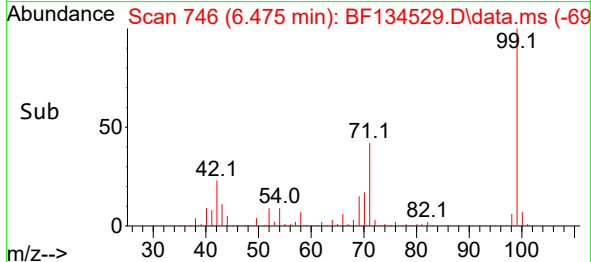
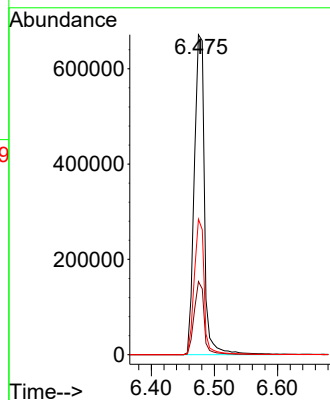
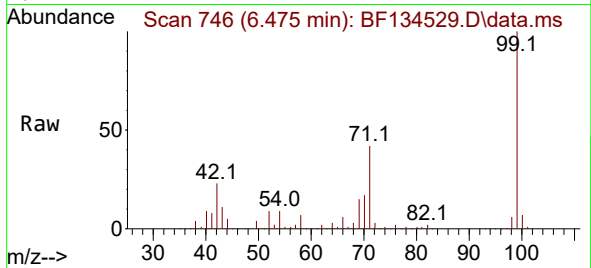




#7
Phenol-d6
Concen: 110.478 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134529.D
Acq: 28 Jul 2023 22:55

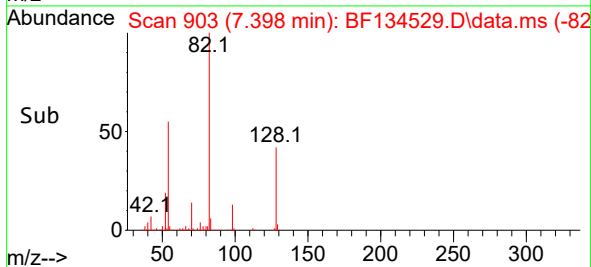
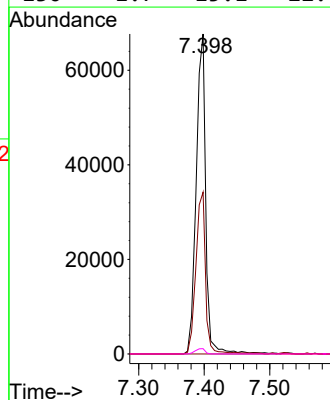
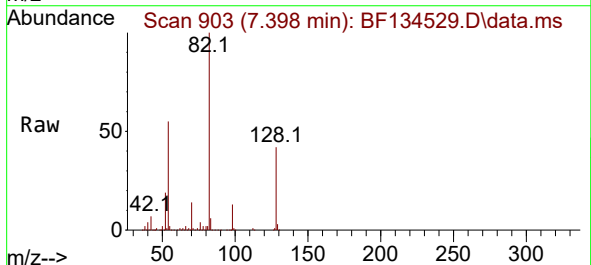
Instrument :
BNA_F
ClientSampleId :
DUP

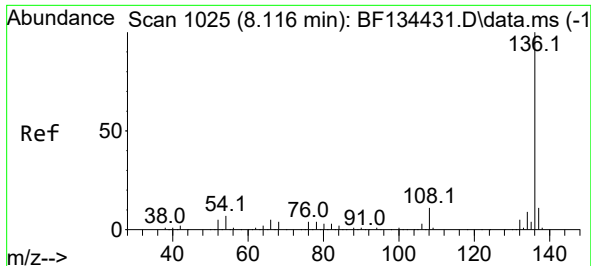
Tgt Ion: 99 Resp: 752803
Ion Ratio Lower Upper
99 100
42 22.9 18.7 28.1
71 42.4 36.4 54.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.170 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.159 min
Lab File: BF134529.D
Acq: 28 Jul 2023 22:55

Tgt Ion: 70 Resp: 68592
Ion Ratio Lower Upper
70 100
42 50.6 54.7 82.1#
101 0.0 8.2 12.2#
130 1.7 15.1 22.7#

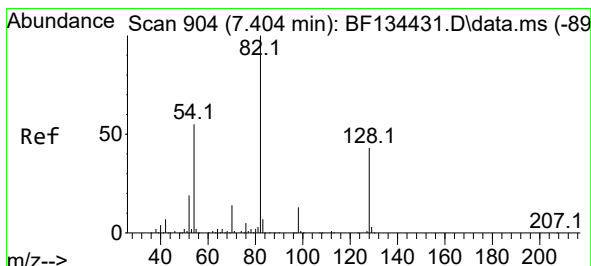
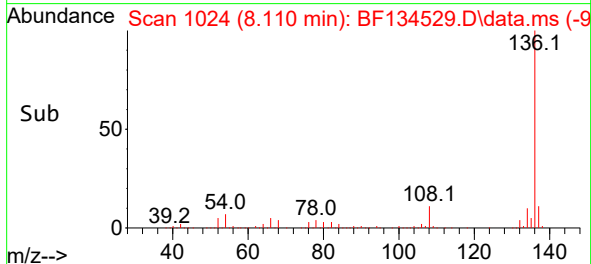
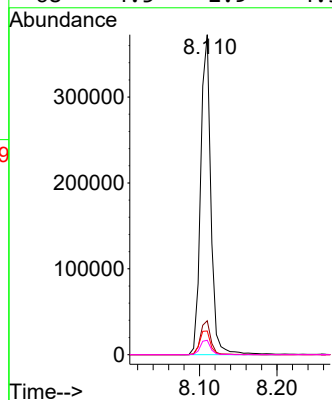
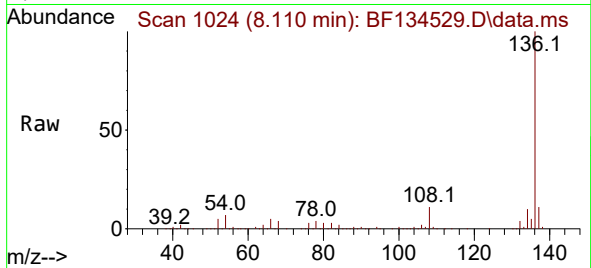




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1025
Delta R.T. 0.006 min
Lab File: BF134529.D
Acq: 28 Jul 2023 22:55

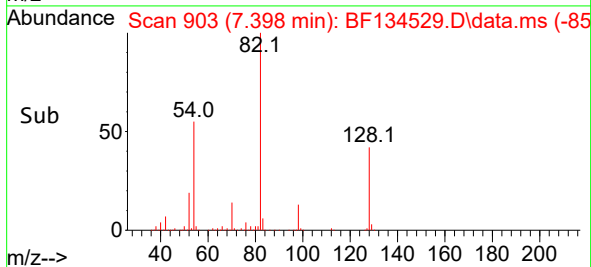
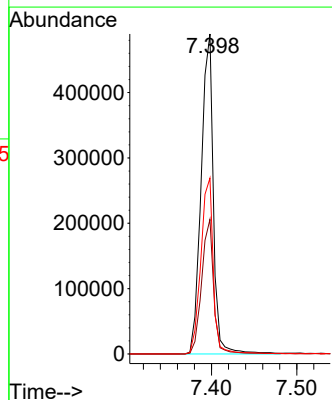
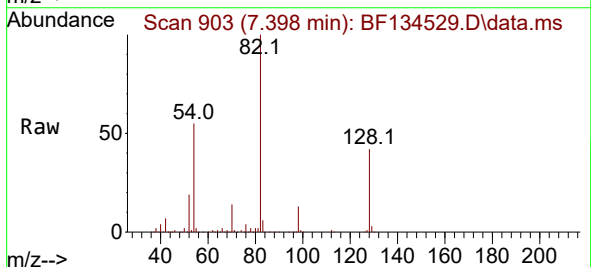
Instrument :
BNA_F
ClientSampleId :
DUP

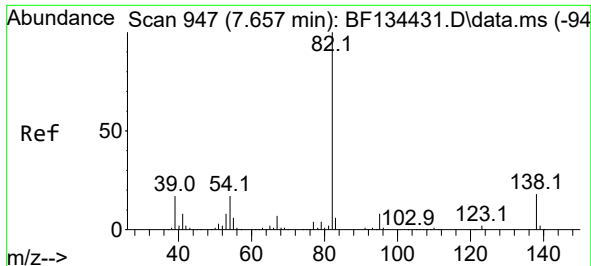
Tgt Ion:136 Resp: 340769
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.4 5.2 7.8
68 4.5 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 72.309 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.006 min
Lab File: BF134529.D
Acq: 28 Jul 2023 22:55

Tgt Ion: 82 Resp: 487022
Ion Ratio Lower Upper
82 100
128 42.0 34.3 51.5
54 55.0 43.8 65.6

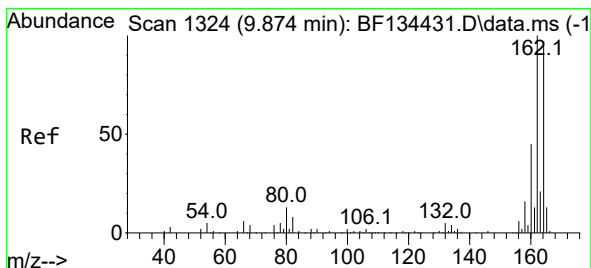
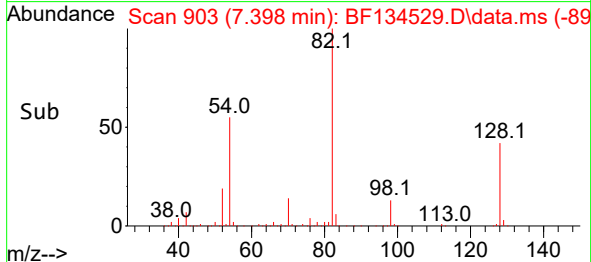
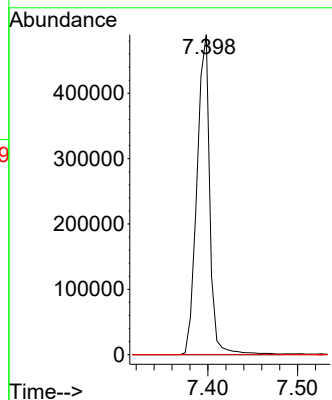
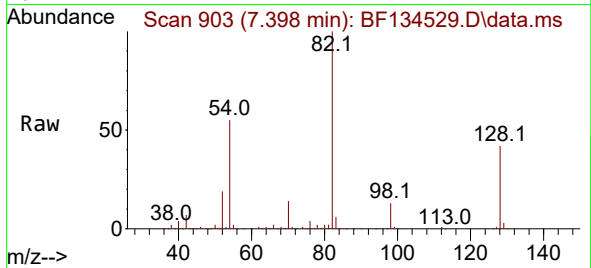




#25
Isophorone
Concen: 43.386 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF134529.D
Acq: 28 Jul 2023 22:55

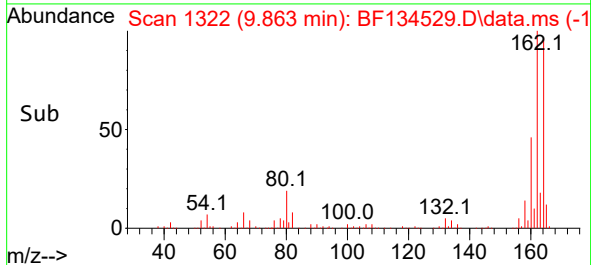
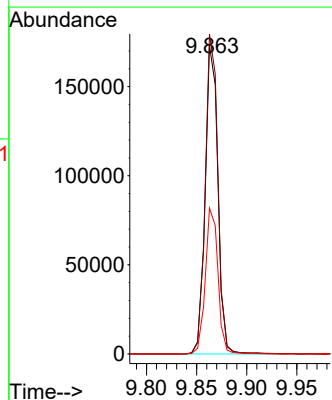
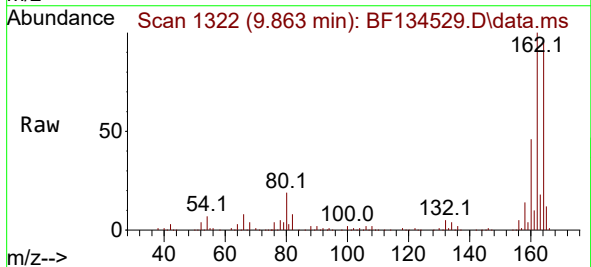
Instrument :
BNA_F
ClientSampleId :
DUP

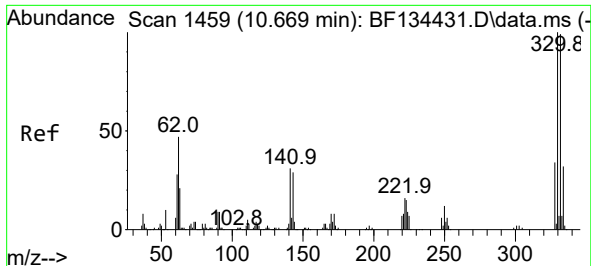
Tgt Ion: 82 Resp: 487015
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF134529.D
Acq: 28 Jul 2023 22:55

Tgt Ion:164 Resp: 152963
Ion Ratio Lower Upper
164 100
162 103.7 82.6 123.8
160 47.3 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 88.139 ng

RT: 10.663 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BF134529.D

Acq: 28 Jul 2023 22:55

Instrument :

BNA_F

ClientSampleId :

DUP

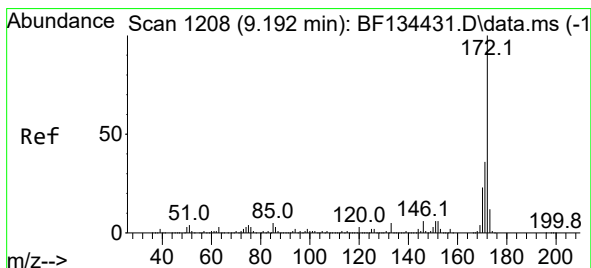
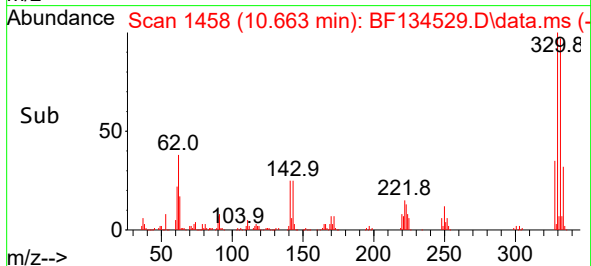
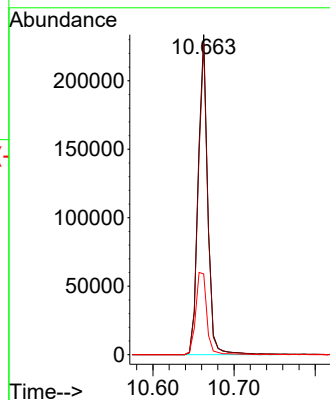
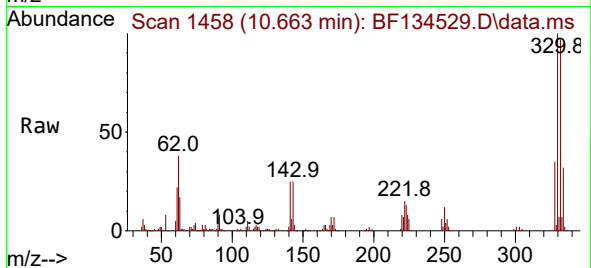
Tgt Ion:330 Resp: 191554

Ion Ratio Lower Upper

330 100

332 96.6 78.8 118.2

141 29.9 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 76.230 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF134529.D

Acq: 28 Jul 2023 22:55

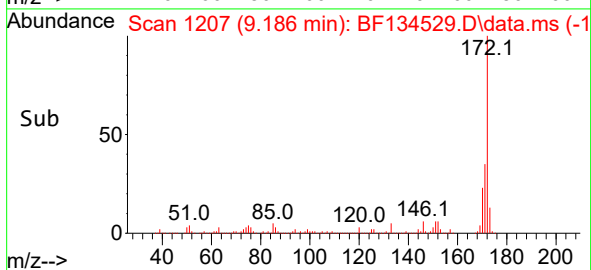
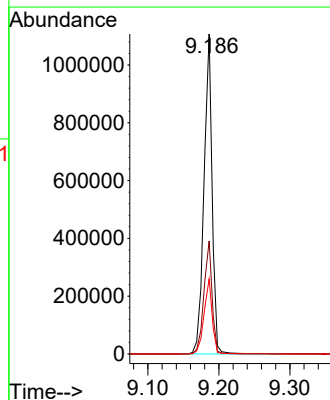
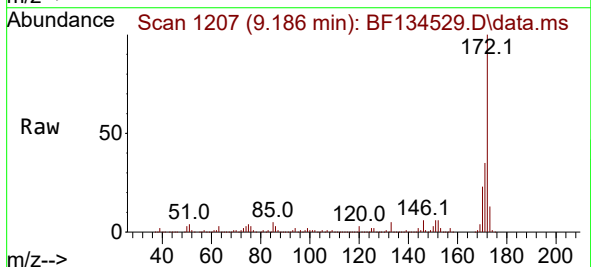
Tgt Ion:172 Resp: 888206

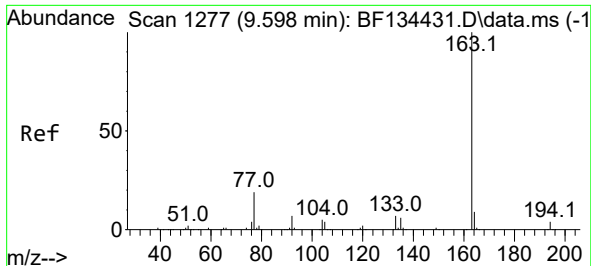
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.4 18.7 28.1

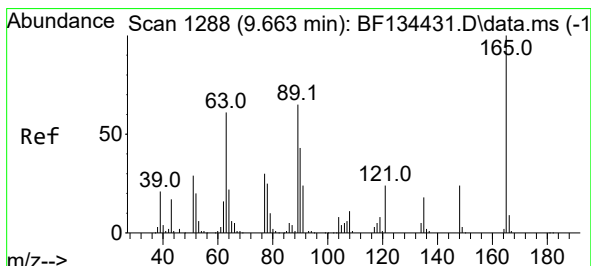
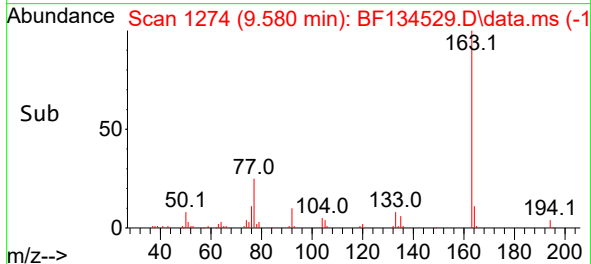
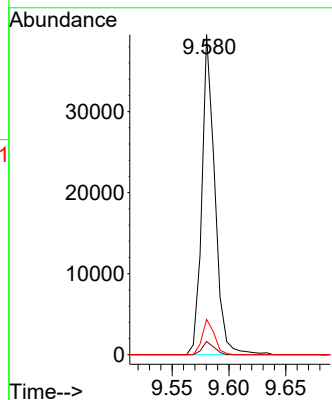
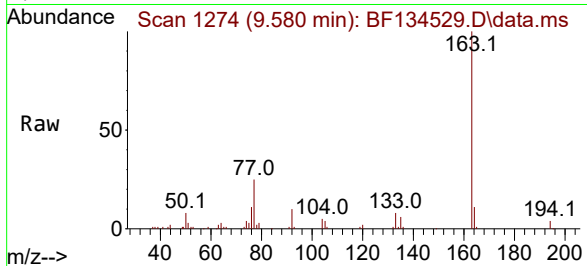




#50
Dimethylphthalate
Concen: 2.770 ng
RT: 9.580 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134529.D
Acq: 28 Jul 2023 22:55

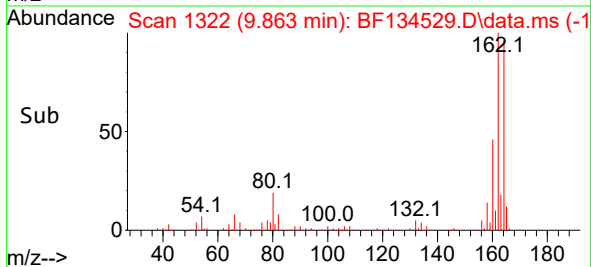
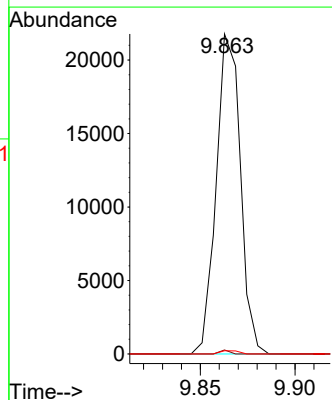
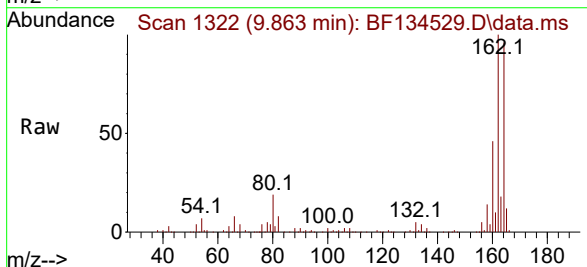
Instrument :
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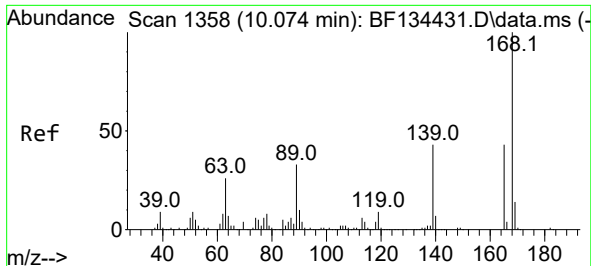
Tgt Ion:163 Resp: 31414
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 11.0 7.5 11.3



#51
2,6-Dinitrotoluene
Concen: 7.779 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.206 min
Lab File: BF134529.D
Acq: 28 Jul 2023 22:55

Tgt Ion:165 Resp: 19355
Ion Ratio Lower Upper
165 100
63 1.3 57.8 86.6#
89 1.0 51.8 77.8#

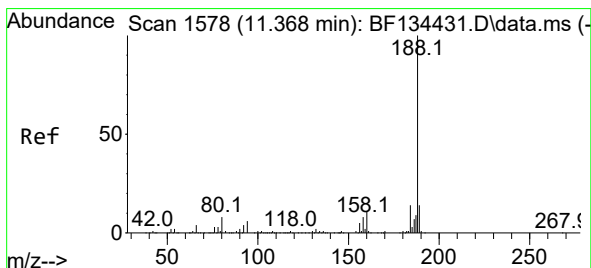
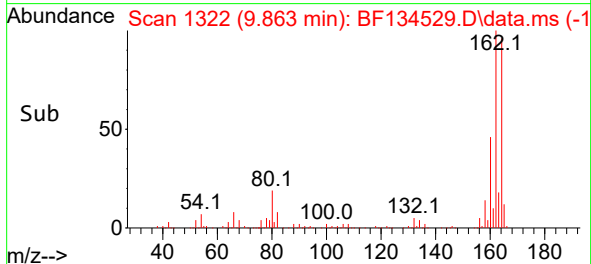
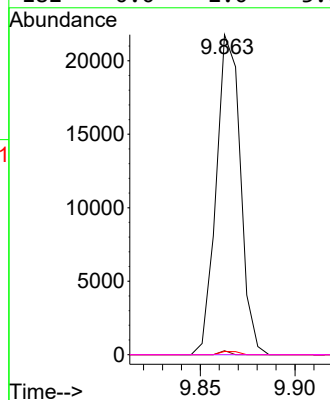
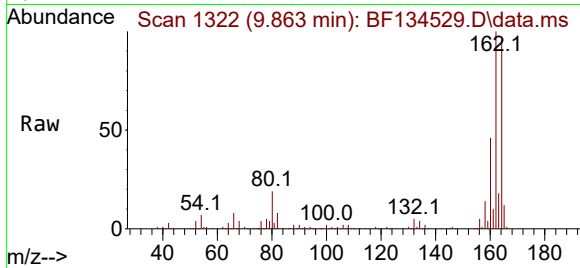




#57
2,4-Dinitrotoluene
Concen: 5.792 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134529.D
Acq: 28 Jul 2023 22:55

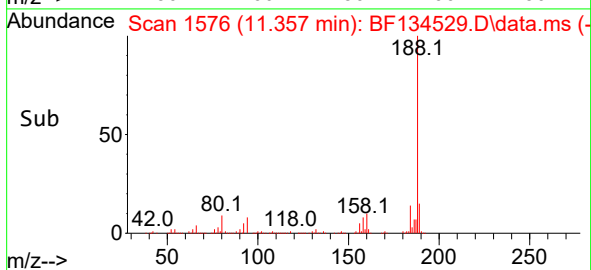
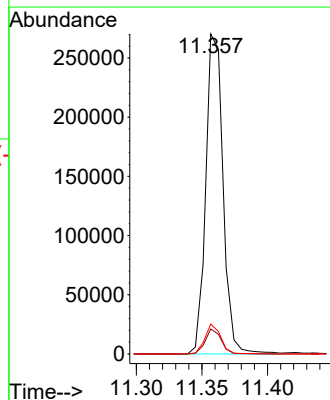
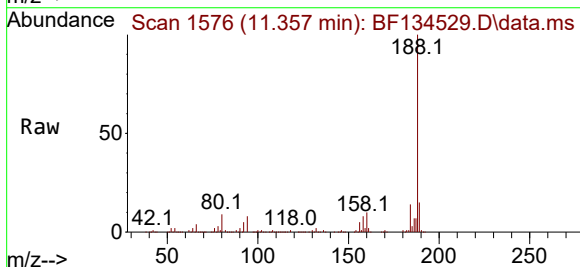
Instrument :
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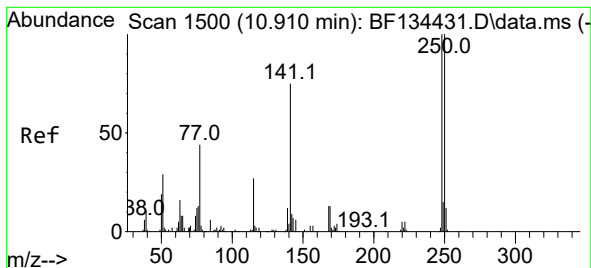
Tgt Ion:165 Resp: 19355
Ion Ratio Lower Upper
165 100
63 1.3 48.9 73.3#
89 1.0 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF134529.D
Acq: 28 Jul 2023 22:55

Tgt Ion:188 Resp: 249000
Ion Ratio Lower Upper
188 100
94 7.8 5.1 7.7#
80 9.3 6.6 9.8

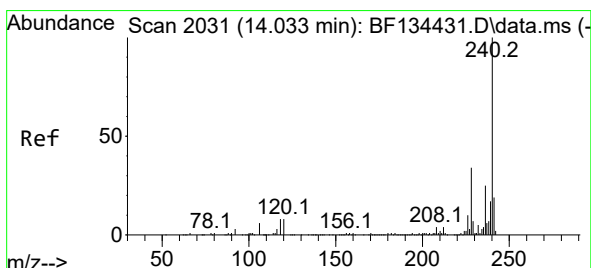
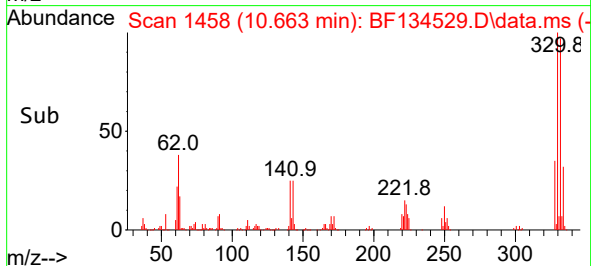
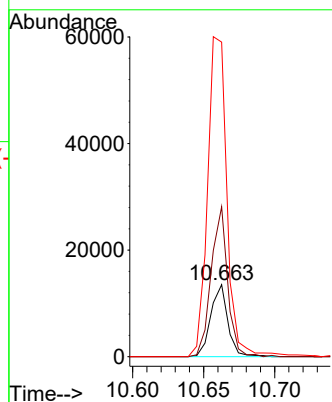
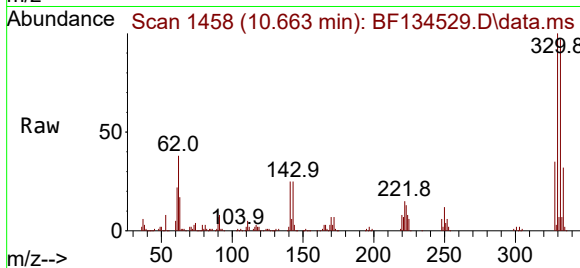




#67
4-Bromophenyl-phenylether
Concen: 4.147 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.235 min
Lab File: BF134529.D
Acq: 28 Jul 2023 22:55

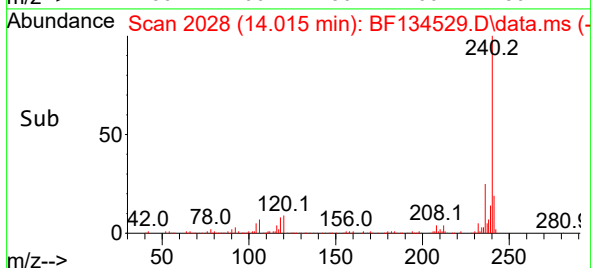
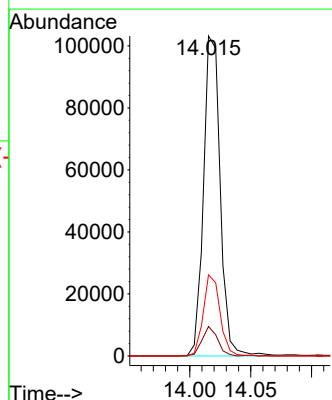
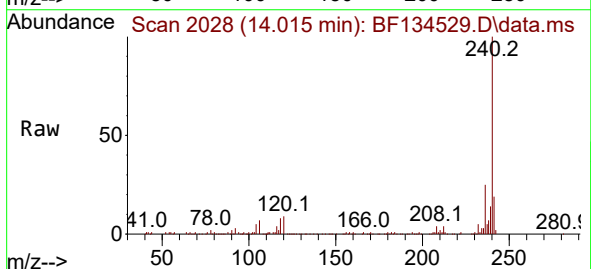
Instrument :
BNA_F
ClientSampleId :
DUP

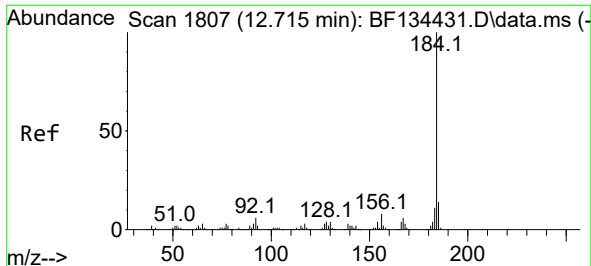
Tgt Ion:248 Resp: 11314
Ion Ratio Lower Upper
248 100
250 208.0 79.6 119.4#
141 436.6 59.6 89.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF134529.D
Acq: 28 Jul 2023 22:55

Tgt Ion:240 Resp: 98446
Ion Ratio Lower Upper
240 100
120 9.2 6.6 10.0
236 25.3 20.2 30.2

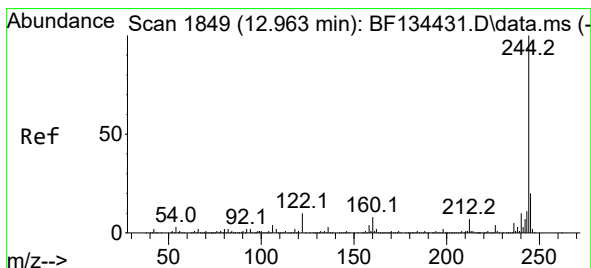
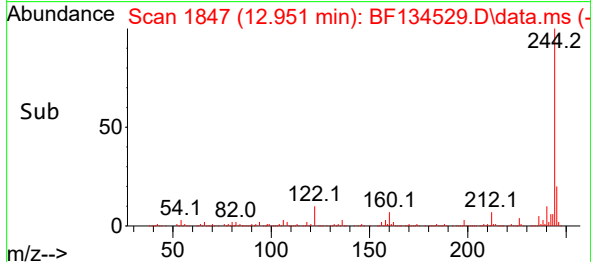
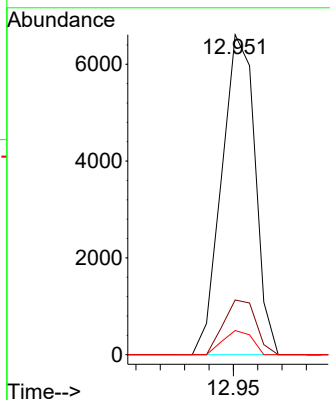
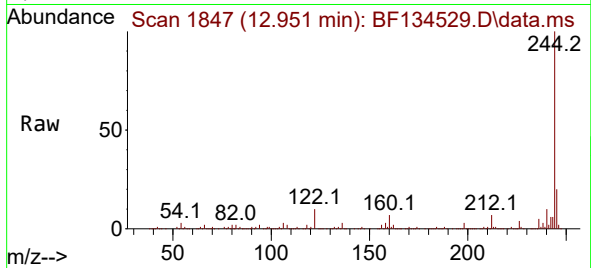




#77
Benzidine
Concen: 3.001 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.247 min
Lab File: BF134529.D
Acq: 28 Jul 2023 22:55

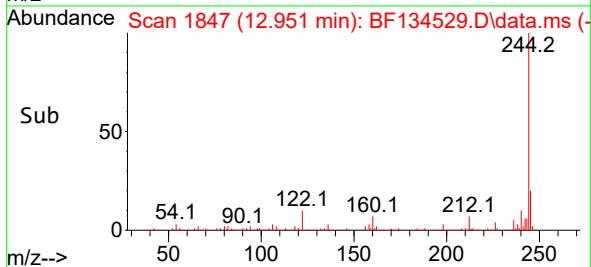
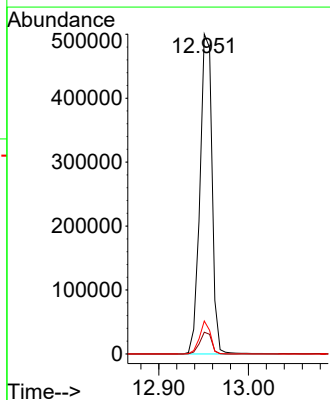
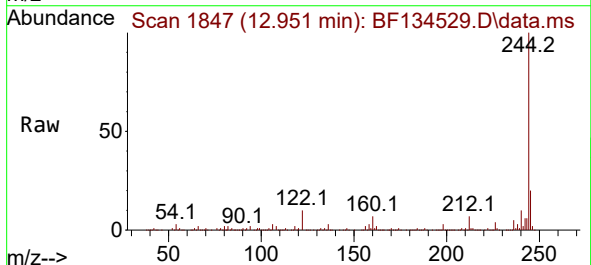
Instrument :
BNA_F
ClientSampleId :
DUP

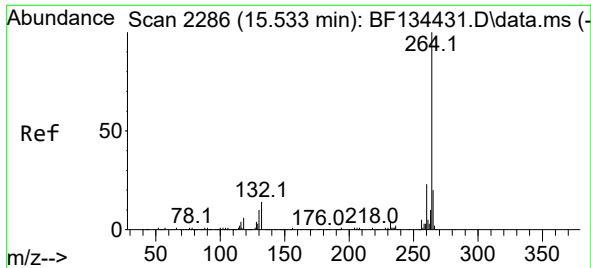
Tgt Ion:184 Resp: 6309
Ion Ratio Lower Upper
184 100
185 17.1 11.2 16.8#
183 7.6 8.6 13.0#



#79
Terphenyl-d14
Concen: 83.218 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BF134529.D
Acq: 28 Jul 2023 22:55

Tgt Ion:244 Resp: 469302
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 10.3 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF134529.D
 Acq: 28 Jul 2023 22:55

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Tgt Ion:264 Resp: 83866
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.4 27.6
 265 20.7 15.8 23.8

