

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072723\
 Data File : BF134514.D
 Acq On : 27 Jul 2023 19:56
 Operator : CG\JU
 Sample : 03706-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P9B

Quant Time: Jul 28 02:07:37 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)

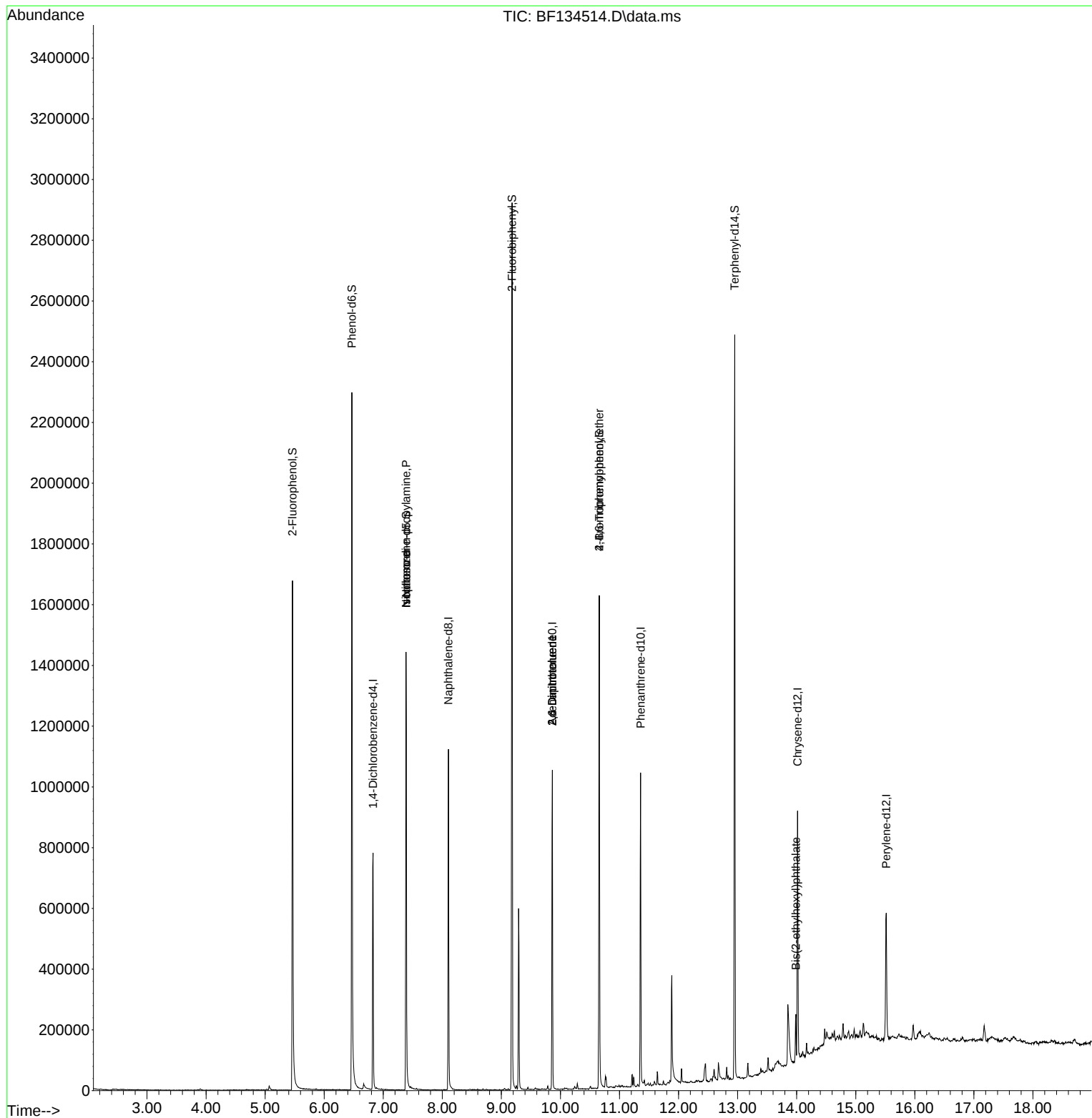
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	122105	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	455951	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	205030	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	366378	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	269495	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	207974	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	476206	64.435	ng	0.00
7) Phenol-d6	6.469	99	705643	77.930	ng	0.00
23) Nitrobenzene-d5	7.386	82	452544	50.216	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	189897	65.187	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	818914	52.434	ng	0.00
79) Terphenyl-d14	12.951	244	838485	54.313	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	61563	10.922	ng	# 77
25) Isophorone	7.386	82	452540	30.131	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	26866	8.056	ng	# 17
57) 2,4-Dinitrotoluene	9.863	165	26866	5.998	ng	# 18
67) 4-Bromophenyl-phenylether	10.657	248	11656	2.904	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.986	149	43268	4.149	ng	100

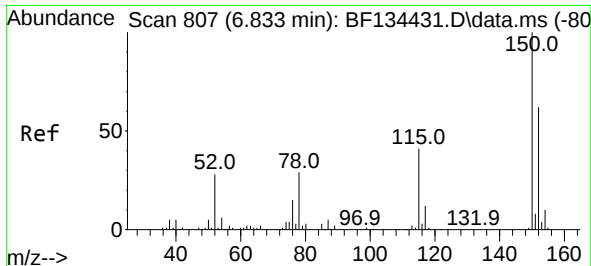
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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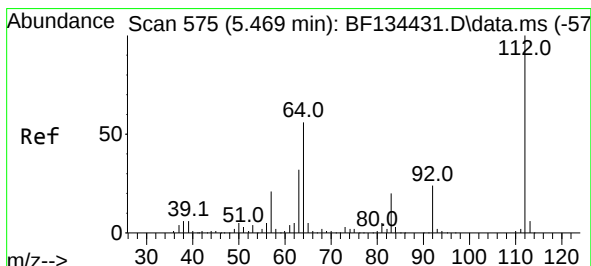
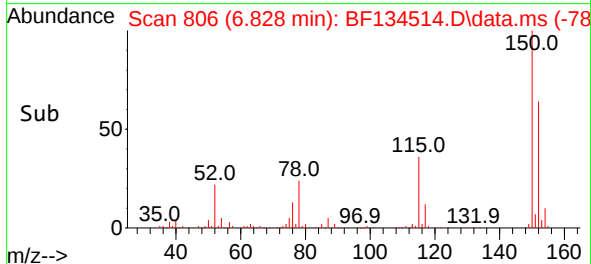
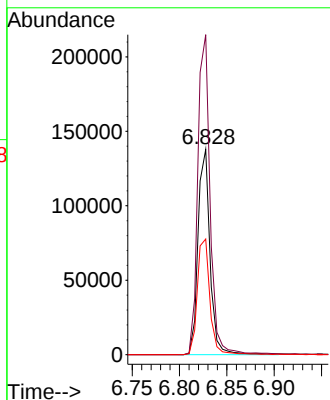
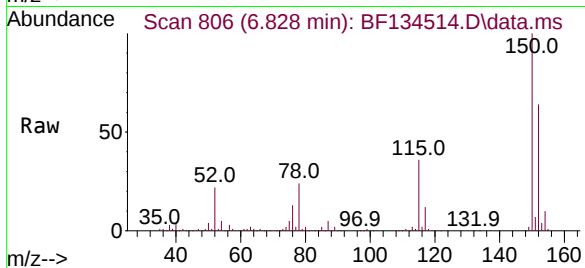




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 807
 Delta R.T. -0.000 min
 Lab File: BF134514.D
 Acq: 27 Jul 2023 19:56

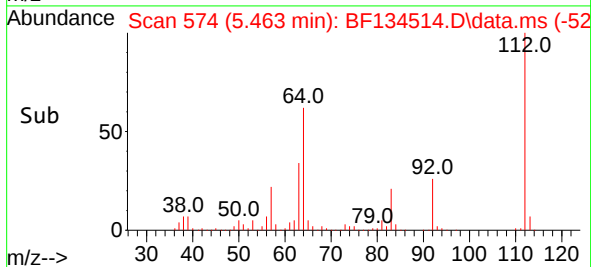
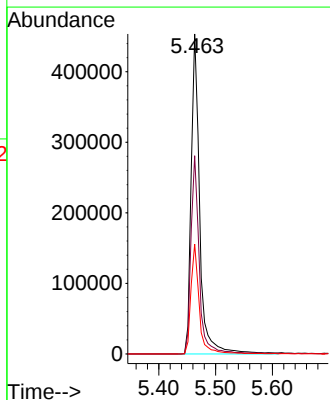
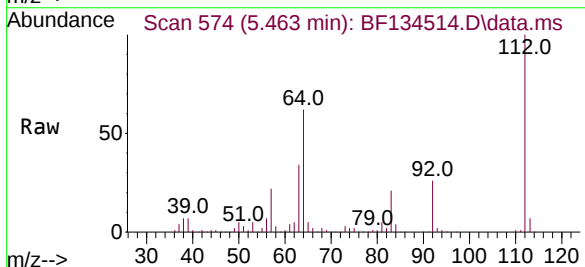
Instrument :
 BNA_F
 ClientSampleId :
 B-P9B

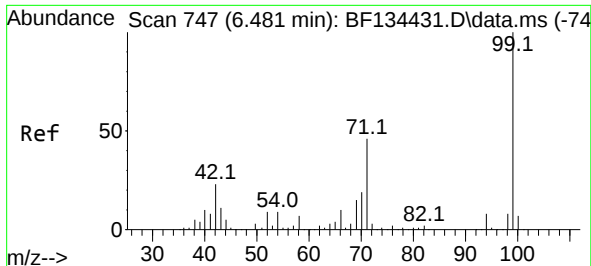
Tgt Ion:152 Resp: 122105
 Ion Ratio Lower Upper
 152 100
 150 155.8 128.3 192.5
 115 56.4 52.4 78.6



#5
 2-Fluorophenol
 Concen: 64.435 ng
 RT: 5.463 min Scan# 574
 Delta R.T. 0.000 min
 Lab File: BF134514.D
 Acq: 27 Jul 2023 19:56

Tgt Ion:112 Resp: 476206
 Ion Ratio Lower Upper
 112 100
 64 61.9 44.9 67.3
 63 34.3 25.4 38.0

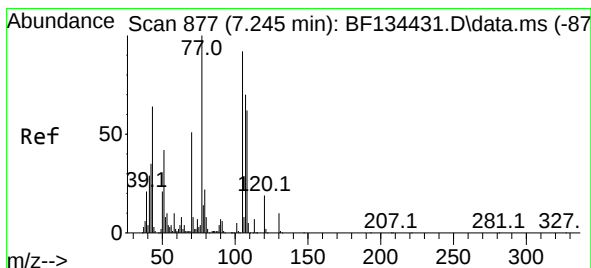
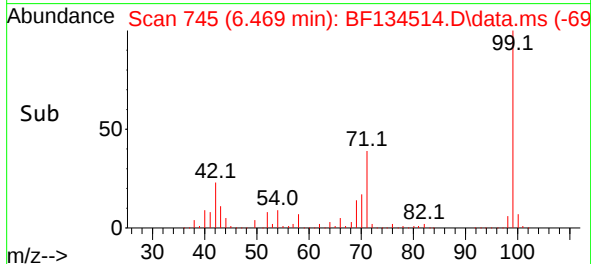
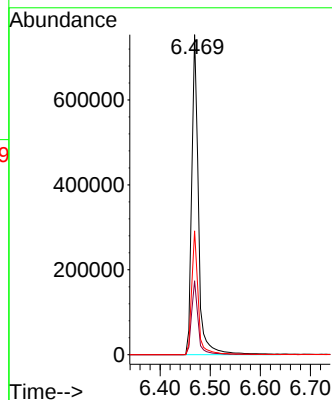
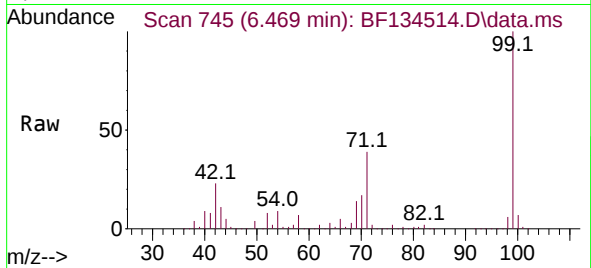




#7
Phenol-d6
Concen: 77.930 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134514.D
Acq: 27 Jul 2023 19:56

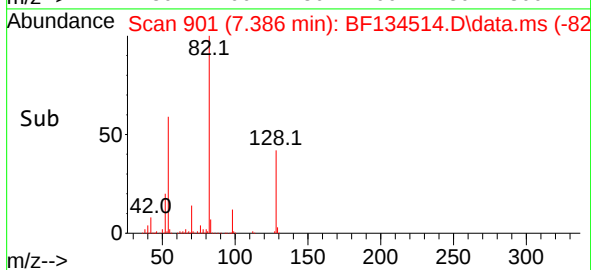
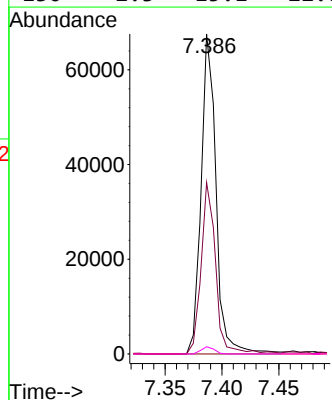
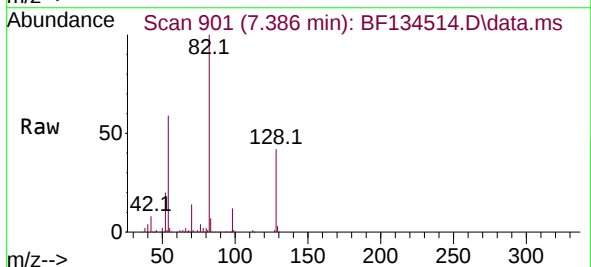
Instrument :
BNA_F
ClientSampleId :
B-P9B

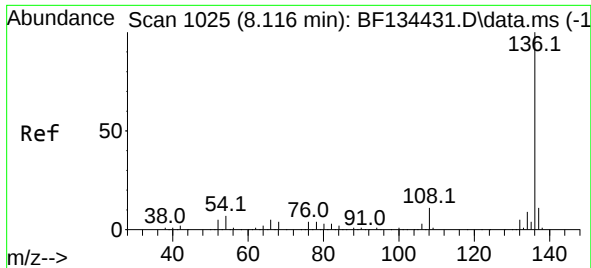
Tgt Ion: 99 Resp: 705643
Ion Ratio Lower Upper
99 100
42 23.1 18.7 28.1
71 38.7 36.4 54.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.922 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF134514.D
Acq: 27 Jul 2023 19:56

Tgt Ion: 70 Resp: 61563
Ion Ratio Lower Upper
70 100
42 53.6 54.7 82.1#
101 0.0 8.2 12.2#
130 2.3 15.1 22.7#

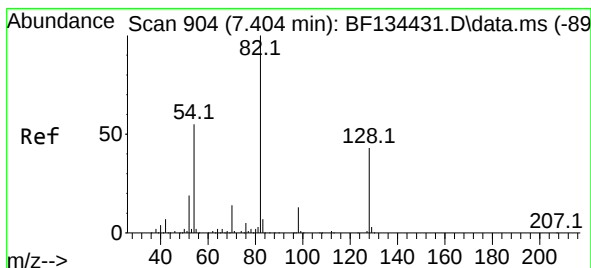
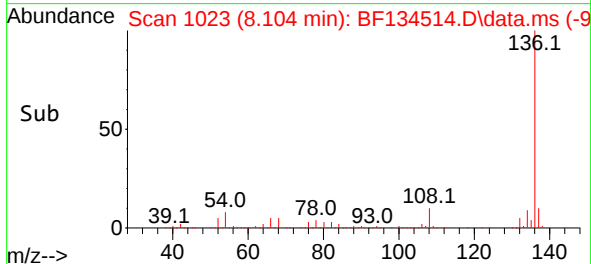
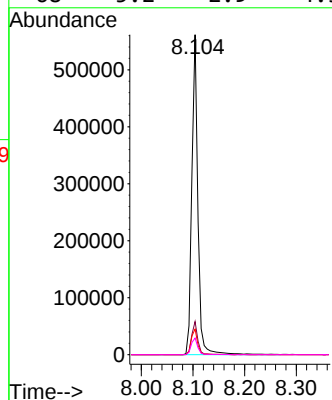
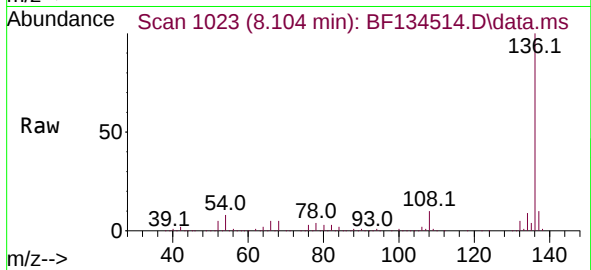




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF134514.D
Acq: 27 Jul 2023 19:56

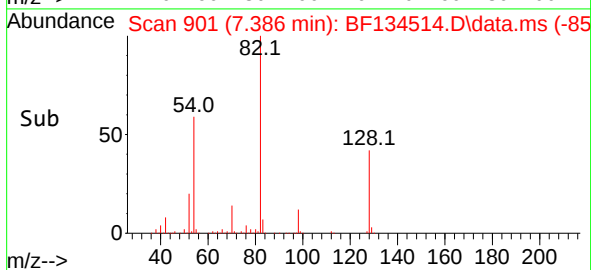
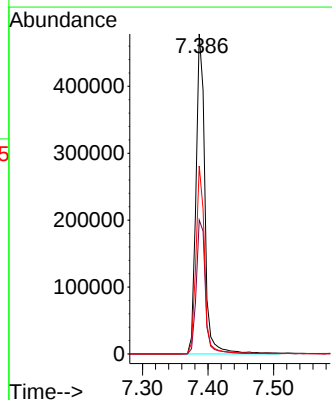
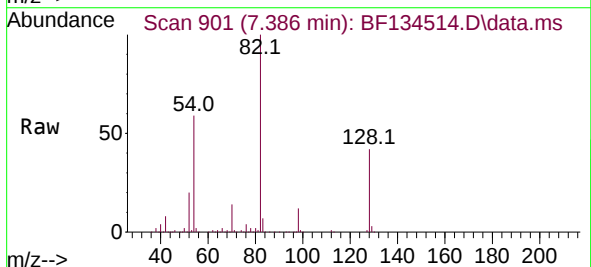
Instrument :
BNA_F
ClientSampleId :
B-P9B

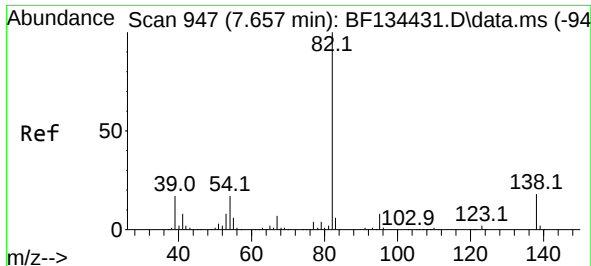
Tgt Ion:136 Resp: 455951
Ion Ratio Lower Upper
136 100
137 10.3 8.4 12.6
54 8.0 5.2 7.8#
68 5.2 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 50.216 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF134514.D
Acq: 27 Jul 2023 19:56

Tgt Ion: 82 Resp: 452544
Ion Ratio Lower Upper
82 100
128 41.9 34.3 51.5
54 58.8 43.8 65.6

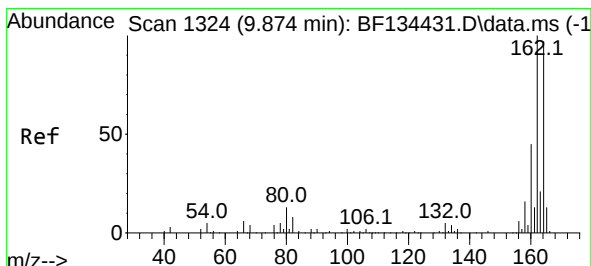
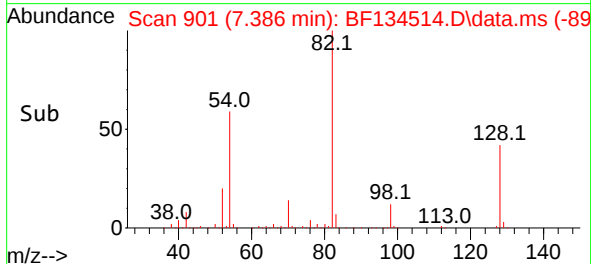
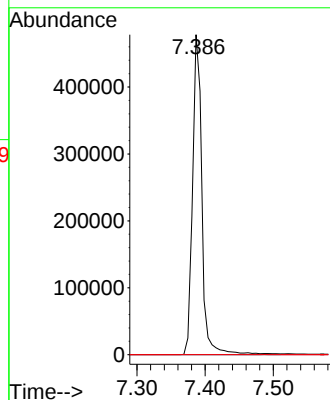
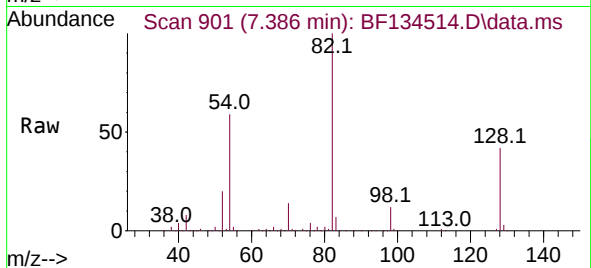




#25
Isophorone
Concen: 30.131 ng
RT: 7.386 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134514.D
Acq: 27 Jul 2023 19:56

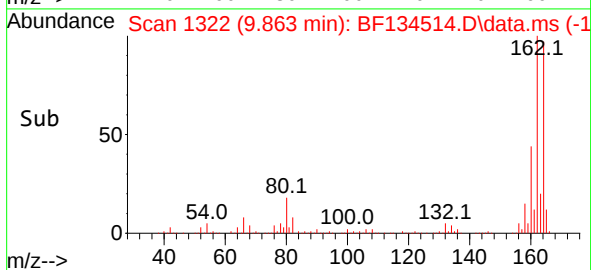
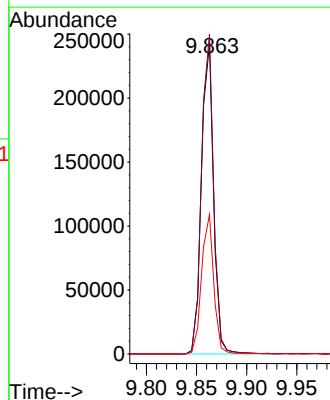
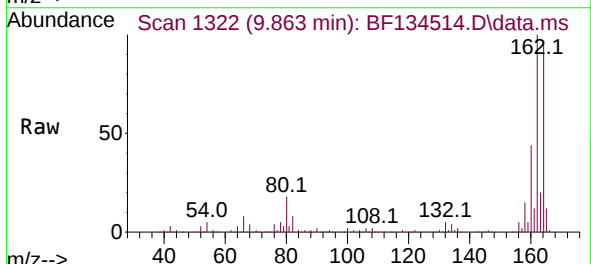
Instrument :
BNA_F
ClientSampleId :
B-P9B

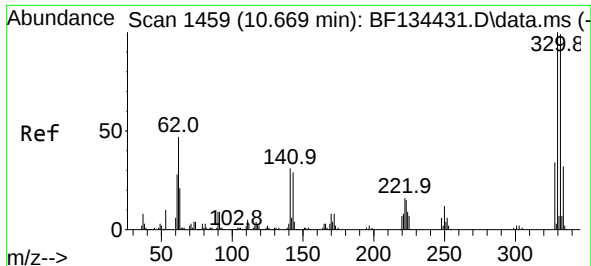
Tgt Ion: 82 Resp: 452540
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF134514.D
Acq: 27 Jul 2023 19:56

Tgt Ion: 164 Resp: 205030
Ion Ratio Lower Upper
164 100
162 103.3 82.6 123.8
160 45.0 37.2 55.8

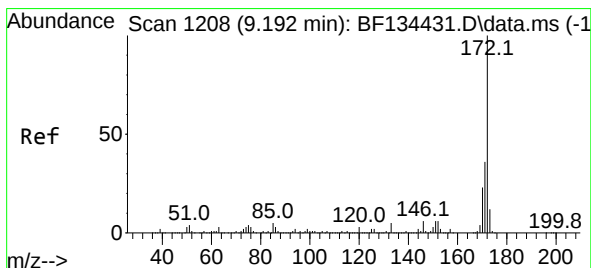
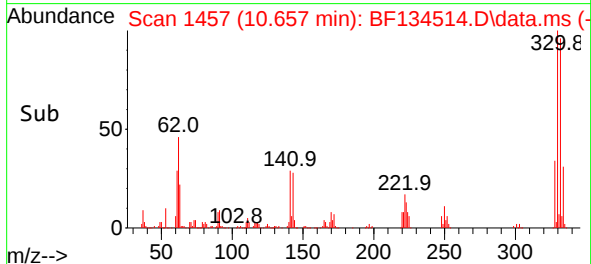
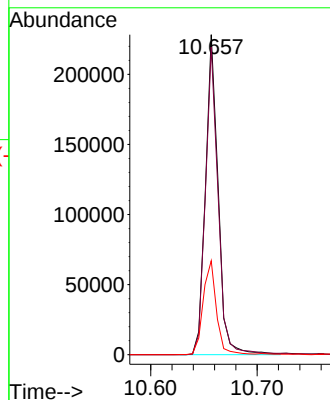
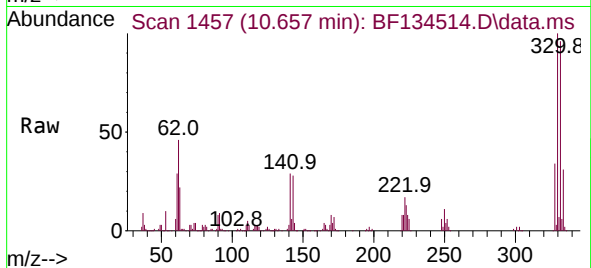




#42
2,4,6-Tribromophenol
Concen: 65.187 ng
RT: 10.657 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF134514.D
Acq: 27 Jul 2023 19:56

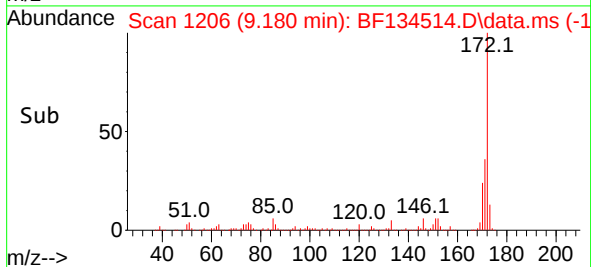
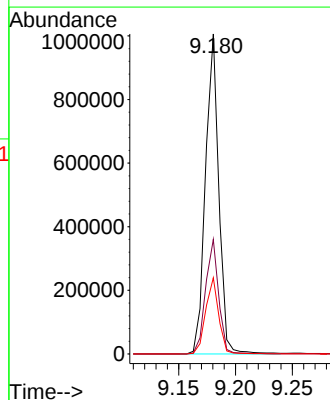
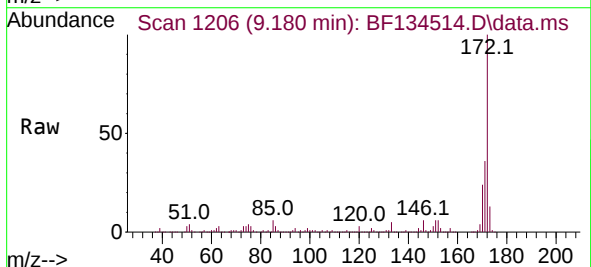
Instrument :
BNA_F
ClientSampleId :
B-P9B

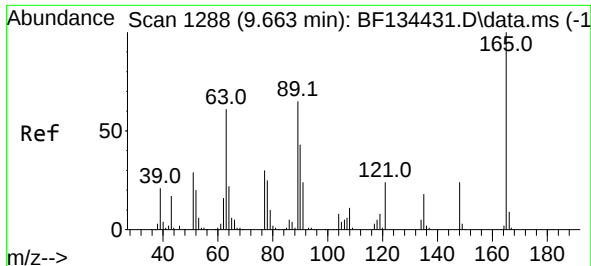
Tgt Ion:330 Resp: 189897
Ion Ratio Lower Upper
330 100
332 96.9 78.8 118.2
141 30.7 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 52.434 ng
RT: 9.180 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF134514.D
Acq: 27 Jul 2023 19:56

Tgt Ion:172 Resp: 818914
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.8 18.7 28.1

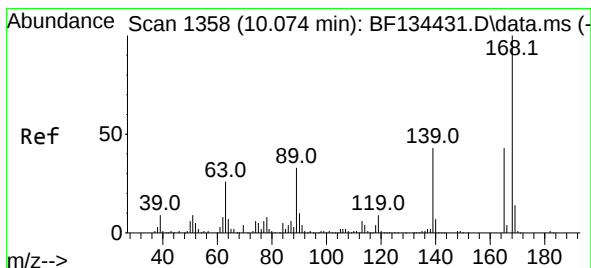
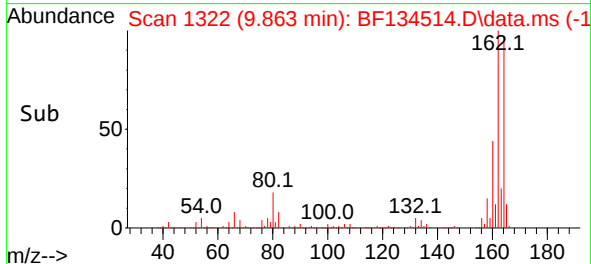
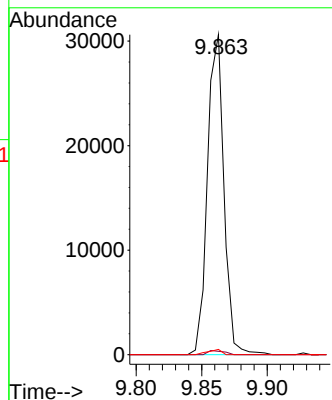
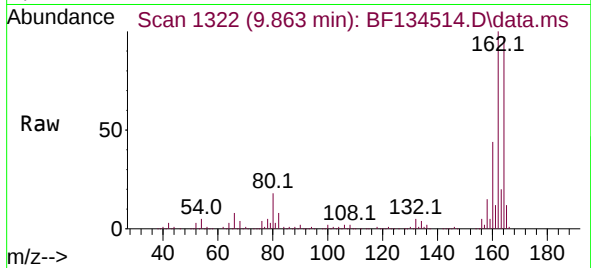




#51
2,6-Dinitrotoluene
Concen: 8.056 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134514.D
Acq: 27 Jul 2023 19:56

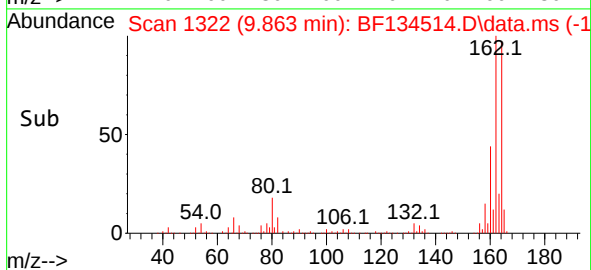
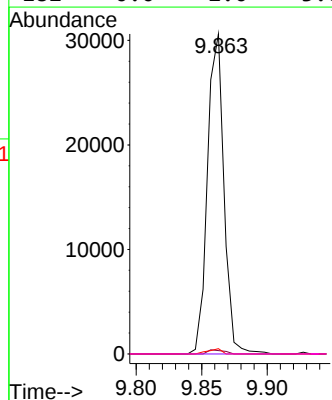
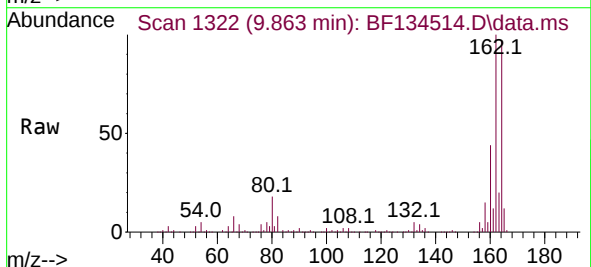
Instrument :
BNA_F
ClientSampleId :
B-P9B

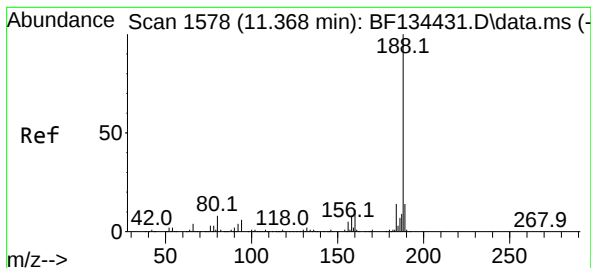
Tgt Ion:165 Resp: 26866
Ion Ratio Lower Upper
165 100
63 1.1 57.8 86.6#
89 1.6 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 5.998 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.206 min
Lab File: BF134514.D
Acq: 27 Jul 2023 19:56

Tgt Ion:165 Resp: 26866
Ion Ratio Lower Upper
165 100
63 1.1 48.9 73.3#
89 1.6 61.7 92.5#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134514.D

Acq: 27 Jul 2023 19:56

Instrument :

BNA_F

ClientSampleId :

B-P9B

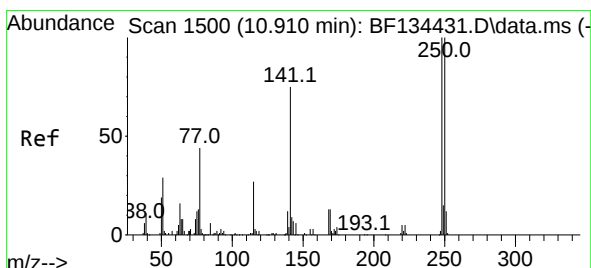
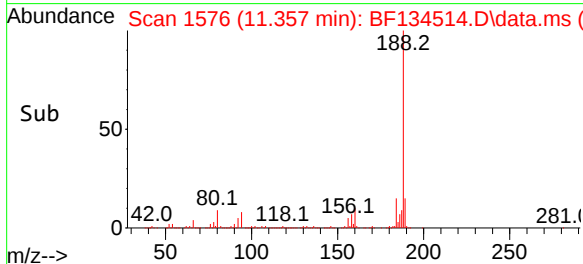
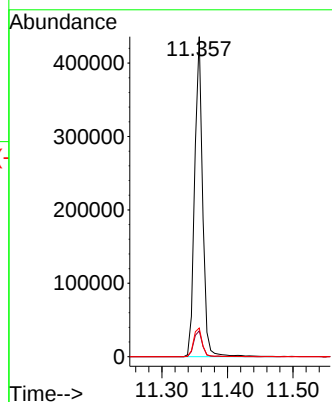
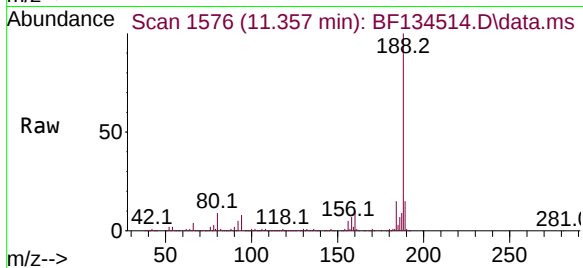
Tgt Ion:188 Resp: 366378

Ion Ratio Lower Upper

188 100

94 8.1 5.1 7.7#

80 8.9 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 2.904 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.241 min

Lab File: BF134514.D

Acq: 27 Jul 2023 19:56

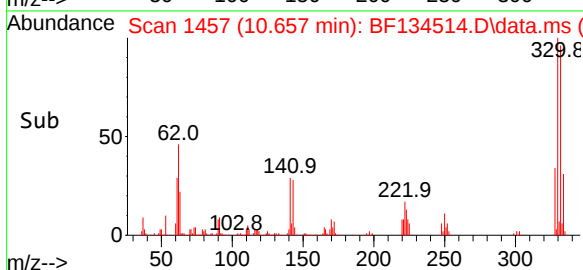
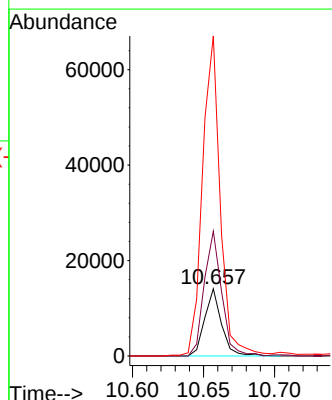
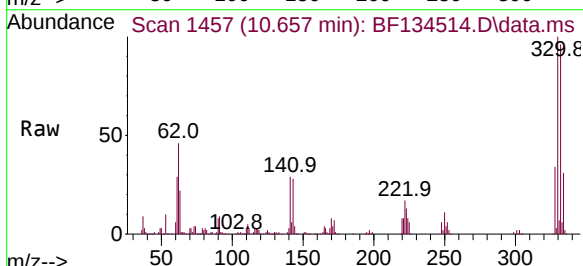
Tgt Ion:248 Resp: 11656

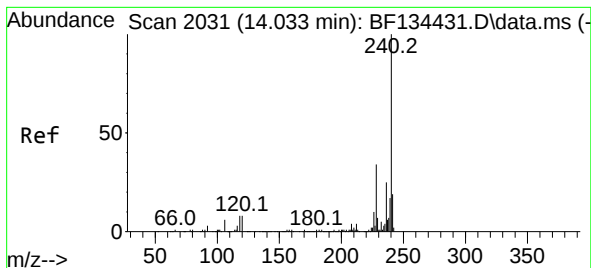
Ion Ratio Lower Upper

248 100

250 185.7 79.6 119.4#

141 475.9 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134514.D

Acq: 27 Jul 2023 19:56

Instrument :

BNA_F

ClientSampleId :

B-P9B

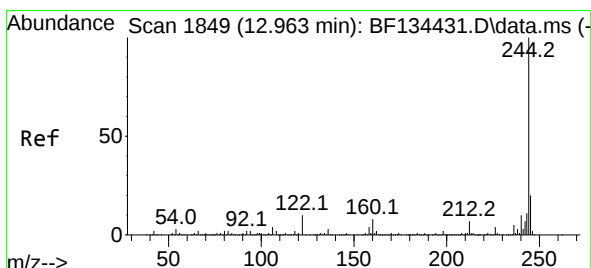
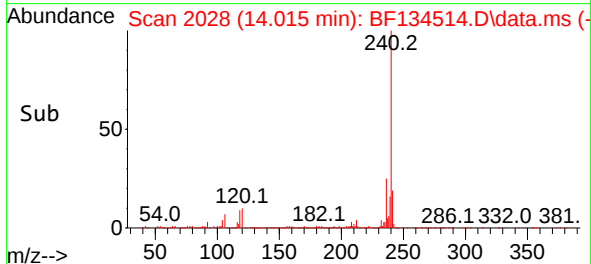
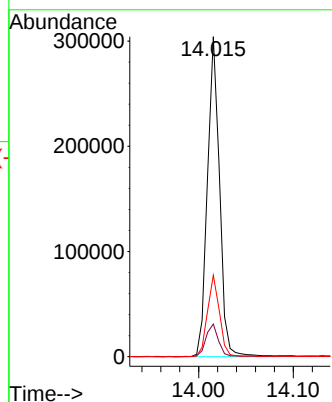
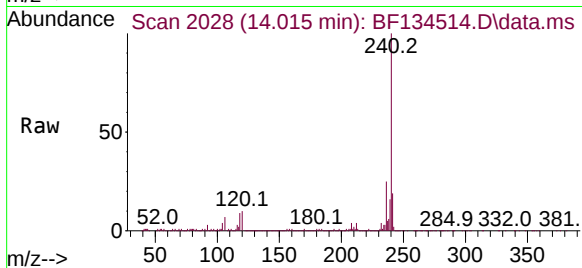
Tgt Ion:240 Resp: 269495

Ion Ratio Lower Upper

240 100

120 10.2 6.6 10.0#

236 25.4 20.2 30.2



#79

Terphenyl-d14

Concen: 54.313 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.000 min

Lab File: BF134514.D

Acq: 27 Jul 2023 19:56

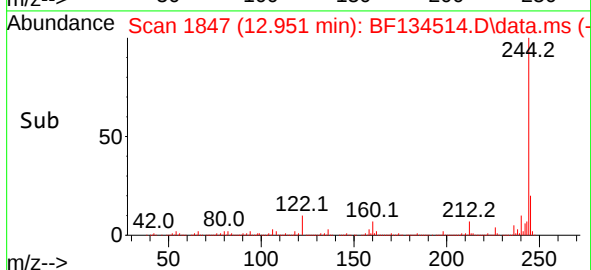
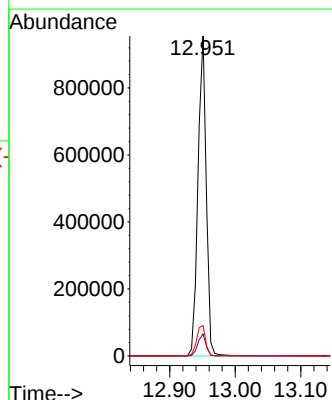
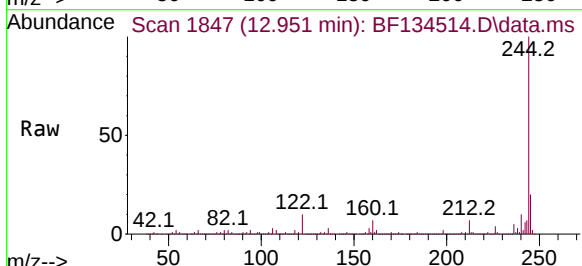
Tgt Ion:244 Resp: 838485

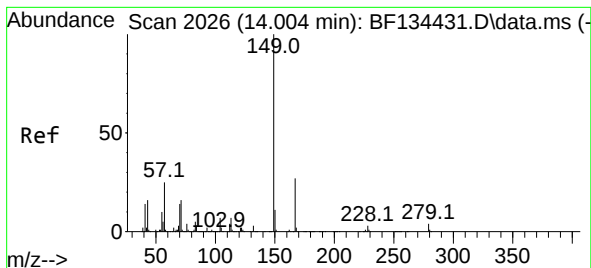
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.5 8.0 12.0

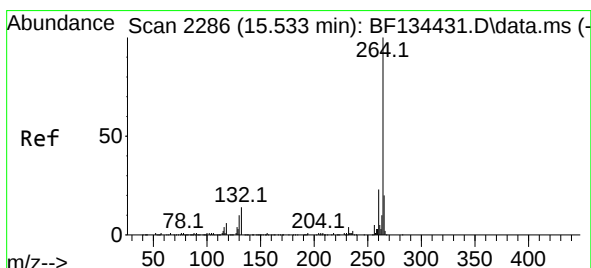
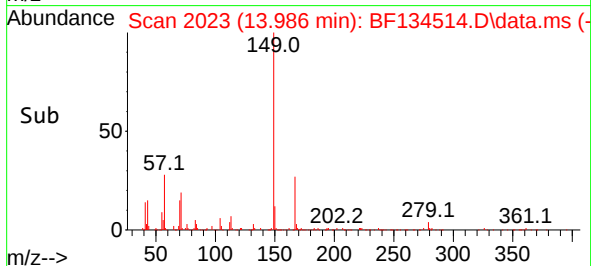
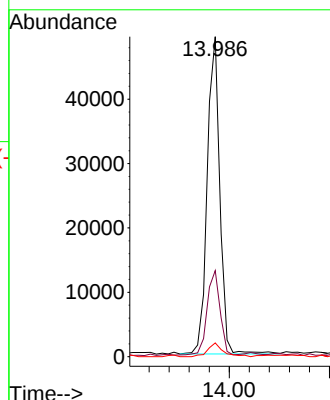
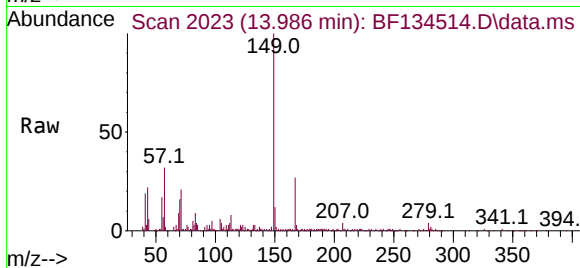




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.149 ng
 RT: 13.986 min Scan# 2026
 Delta R.T. 0.000 min
 Lab File: BF134514.D
 Acq: 27 Jul 2023 19:56

Instrument :
 BNA_F
 ClientSampleId :
 B-P9B

Tgt Ion:149 Resp: 43268
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.6 32.4
 279 4.3 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: BF134514.D
 Acq: 27 Jul 2023 19:56

Tgt Ion:264 Resp: 207974
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.4 27.6
 265 19.9 15.8 23.8

