

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
 Data File : BF134528.D
 Acq On : 28 Jul 2023 22:17
 Operator : CG\JU
 Sample : 03645-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RINSATE-BLANK

Quant Time: Jul 29 01:28:34 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)

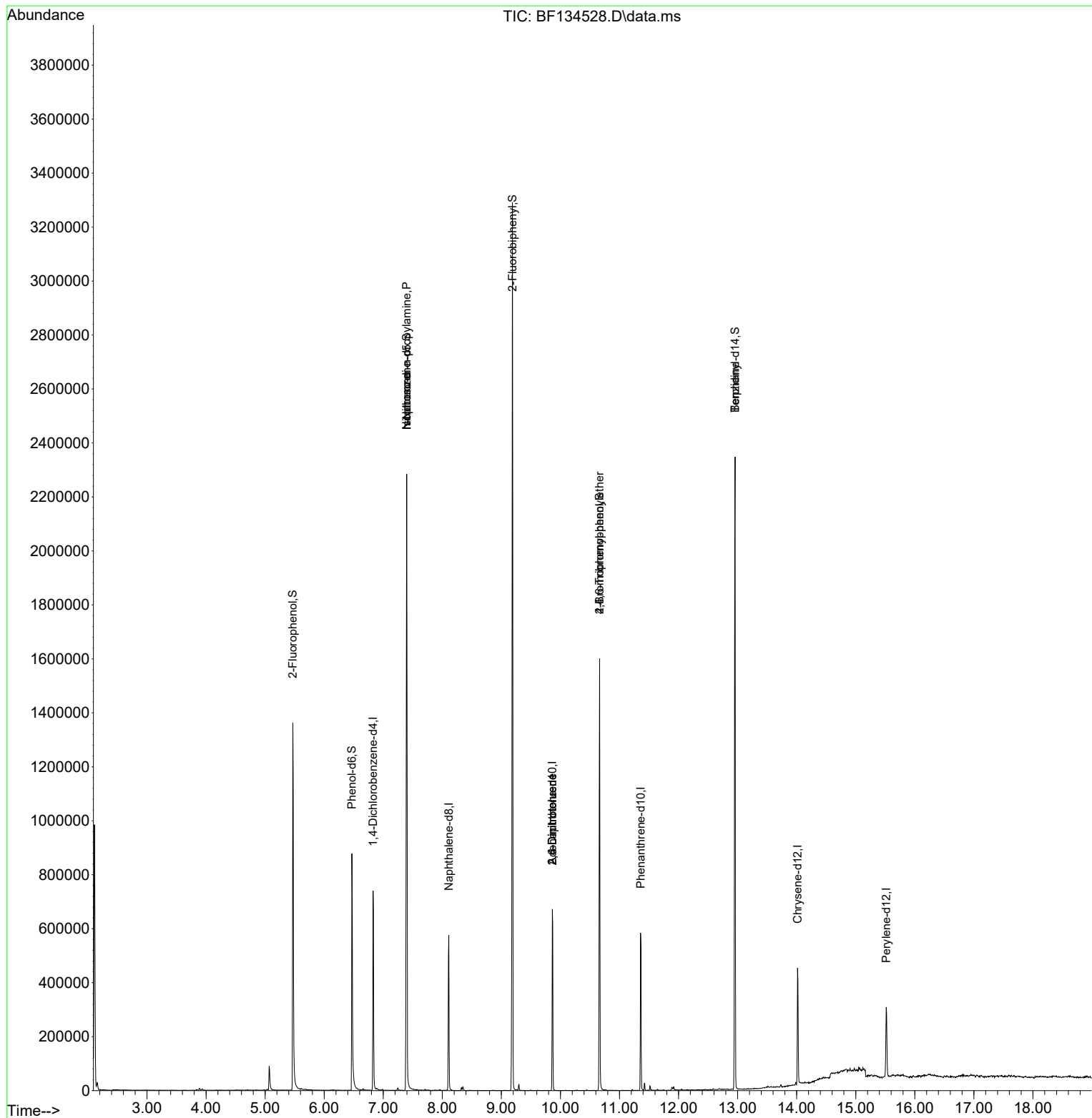
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	116133	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	261936	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	136997	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	224038	20.000	ng	0.00
76) Chrysene-d12	14.015	240	149740	20.000	ng	0.00
86) Perylene-d12	15.515	264	125969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	382918	54.477	ng	0.00
7) Phenol-d6	6.469	99	285690	33.174	ng	0.00
23) Nitrobenzene-d5	7.398	82	734439	141.861	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	191355	98.308	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	979715	93.883	ng	0.00
79) Terphenyl-d14	12.957	244	847631	98.816	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	103104	19.232	ng	# 75
25) Isophorone	7.398	82	734430	85.118	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	17301	7.764	ng	# 18
57) 2,4-Dinitrotoluene	9.863	165	17301	5.780	ng	# 18
67) 4-Bromophenyl-phenylether	10.663	248	12006	4.891	ng	# 1
77) Benzidine	12.957	184	11258	3.521	ng	# 92

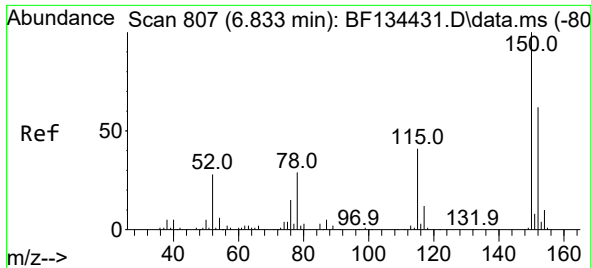
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
Data File : BF134528.D
Acq On : 28 Jul 2023 22:17
Operator : CG\JU
Sample : 03645-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RINSATE-BLANK

Quant Time: Jul 29 01:28:34 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

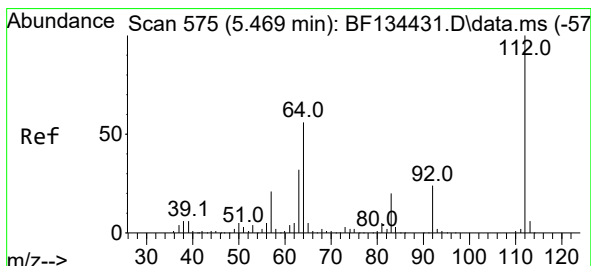
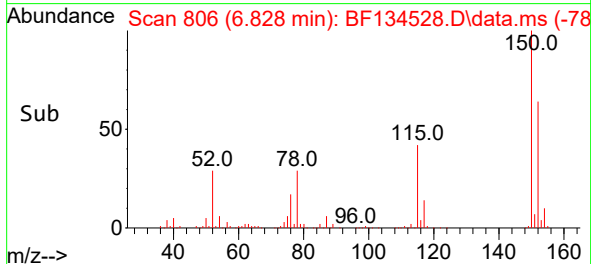
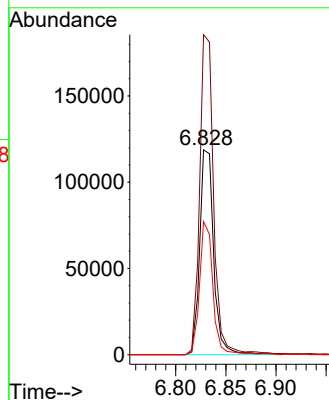
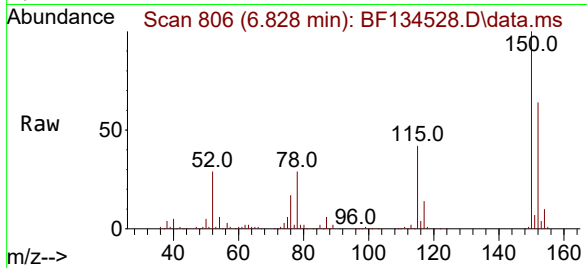




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF134528.D
Acq: 28 Jul 2023 22:17

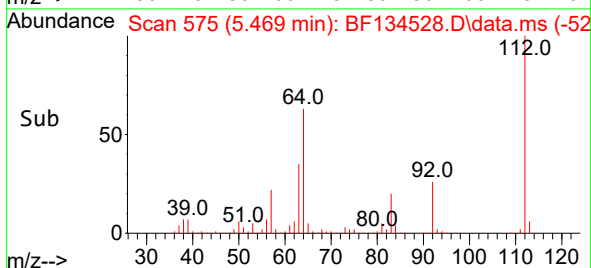
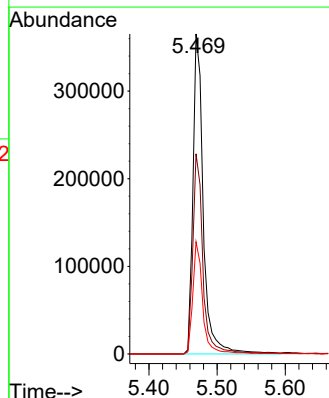
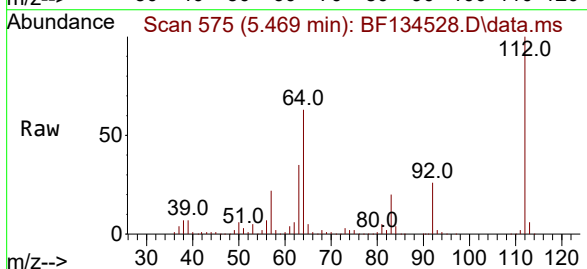
Instrument :
BNA_F
ClientSampleId :
RINSATE-BLANK

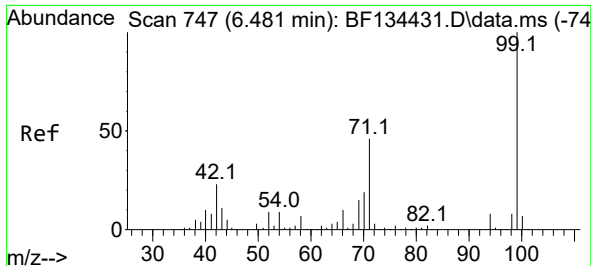
Tgt Ion:152 Resp: 116133
Ion Ratio Lower Upper
152 100
150 156.2 128.3 192.5
115 65.0 52.4 78.6



#5
2-Fluorophenol
Concen: 54.477 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF134528.D
Acq: 28 Jul 2023 22:17

Tgt Ion:112 Resp: 382918
Ion Ratio Lower Upper
112 100
64 62.6 44.9 67.3
63 35.0 25.4 38.0

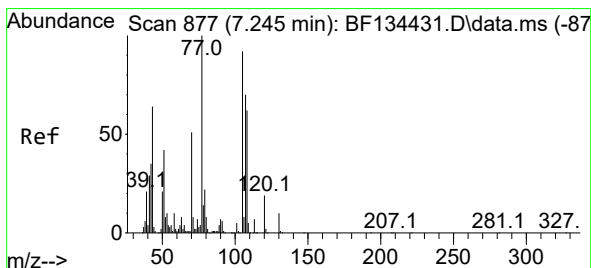
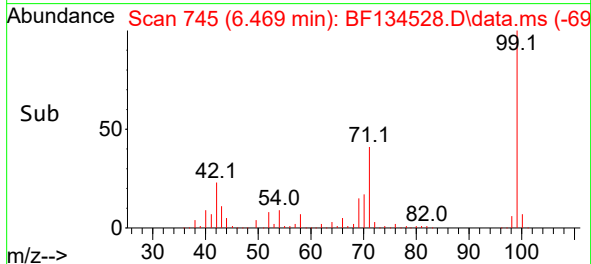
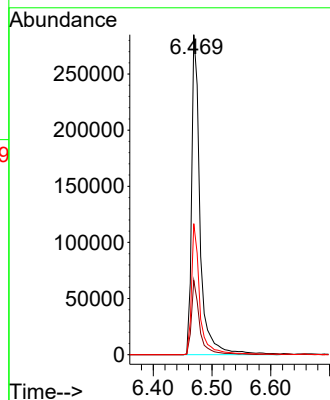
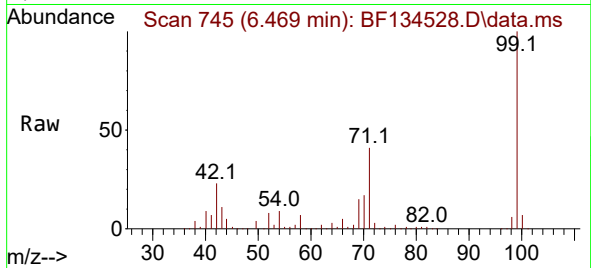




#7
Phenol-d6
Concen: 33.174 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134528.D
Acq: 28 Jul 2023 22:17

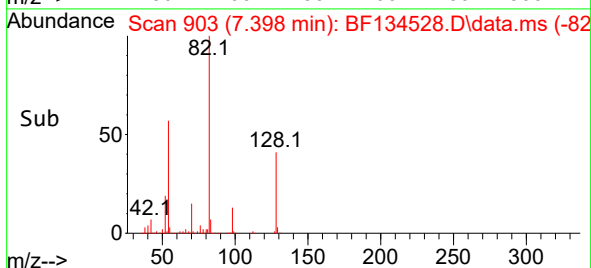
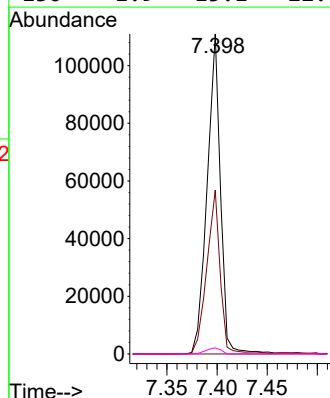
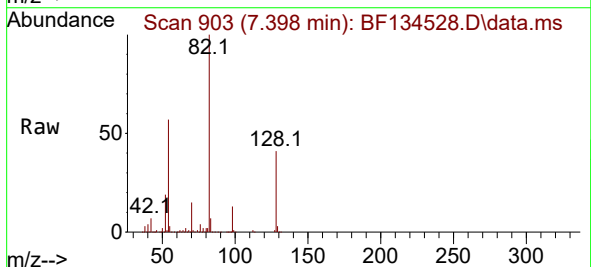
Instrument :
BNA_F
ClientSampleId :
RINSATE-BLANK

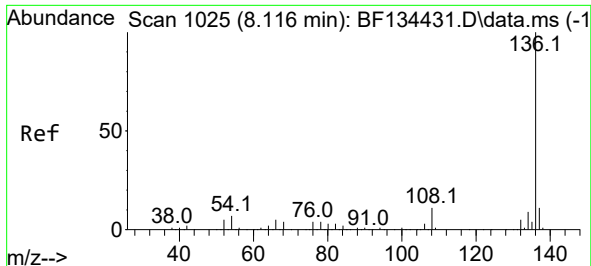
Tgt Ion: 99 Resp: 285690
Ion Ratio Lower Upper
99 100
42 23.2 18.7 28.1
71 41.0 36.4 54.6



#19
n-Nitroso-di-n-propylamine
Concen: 19.232 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.159 min
Lab File: BF134528.D
Acq: 28 Jul 2023 22:17

Tgt Ion: 70 Resp: 103104
Ion Ratio Lower Upper
70 100
42 51.2 54.7 82.1#
101 0.0 8.2 12.2#
130 1.9 15.1 22.7#

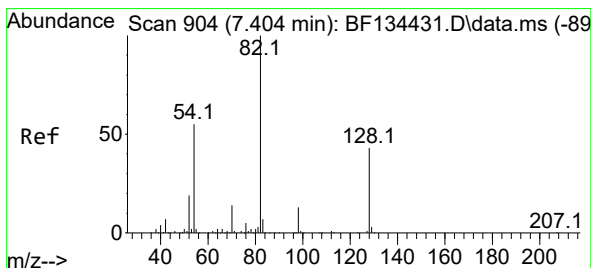
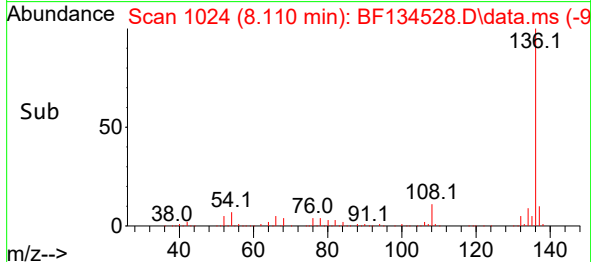
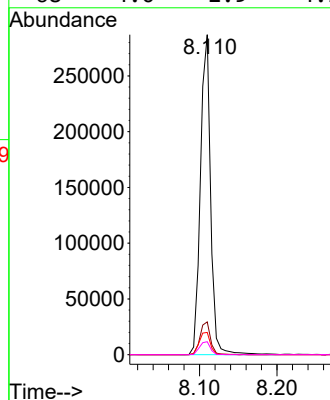
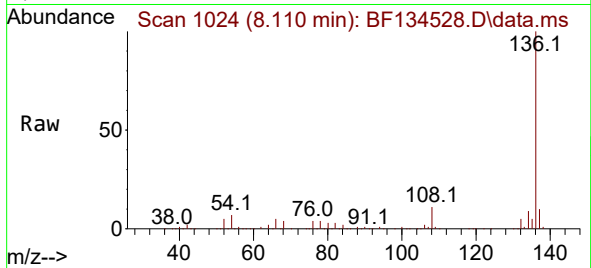




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF134528.D
Acq: 28 Jul 2023 22:17

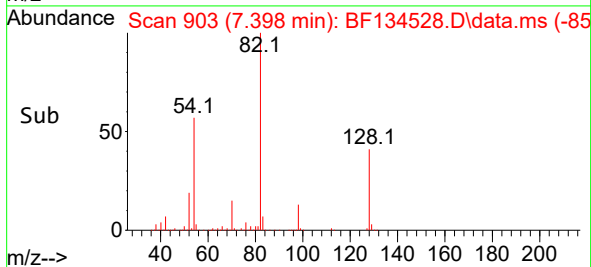
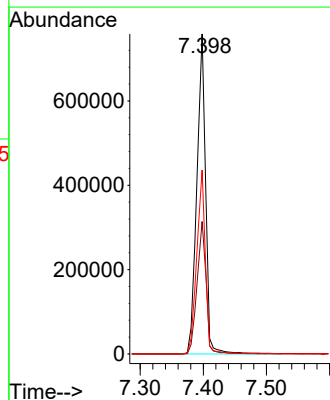
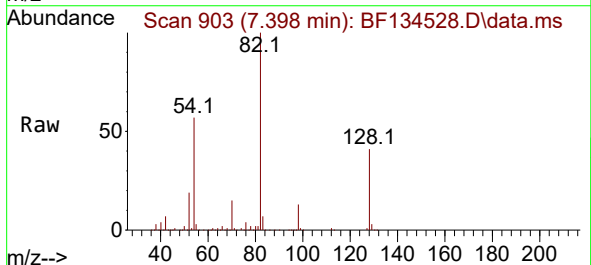
Instrument :
BNA_F
ClientSampleId :
RINSATE-BLANK

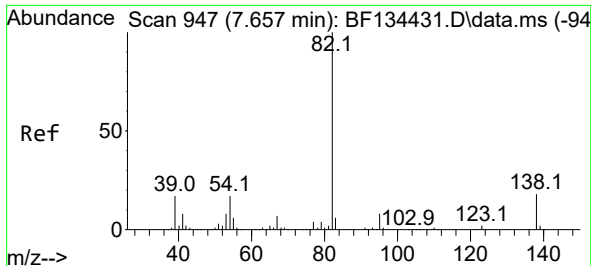
Tgt Ion:	136	Resp:	261936
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.4	12.6
54	6.9	5.2	7.8
68	4.0	2.9	4.3



#23
Nitrobenzene-d5
Concen: 141.861 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.006 min
Lab File: BF134528.D
Acq: 28 Jul 2023 22:17

Tgt Ion:	82	Resp:	734439
Ion Ratio	Lower	Upper	
82	100		
128	41.4	34.3	51.5
54	57.5	43.8	65.6

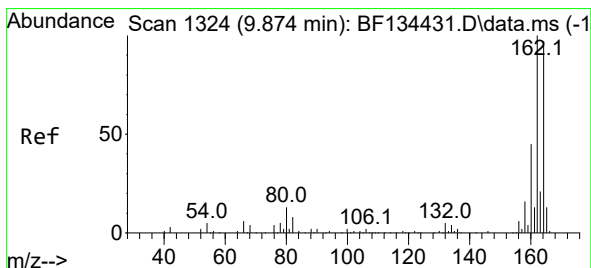
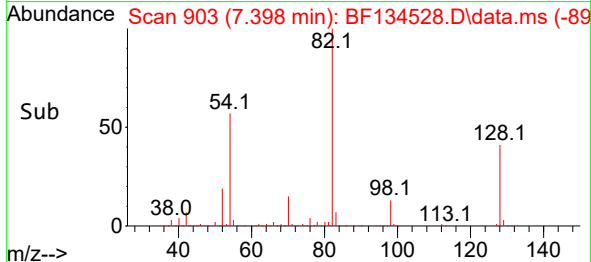
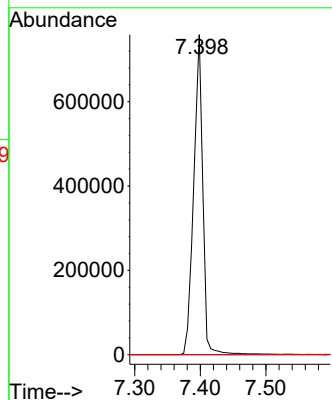
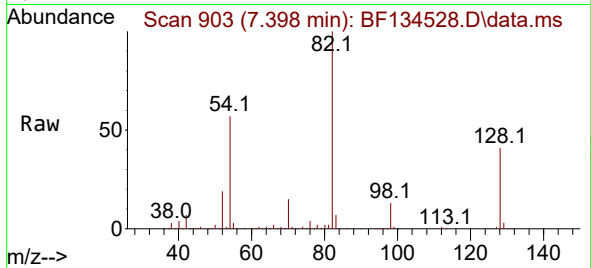




#25
Isophorone
Concen: 85.118 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF134528.D
Acq: 28 Jul 2023 22:17

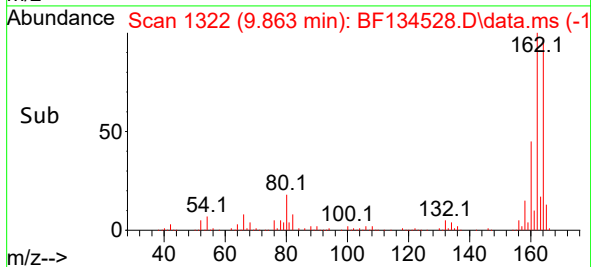
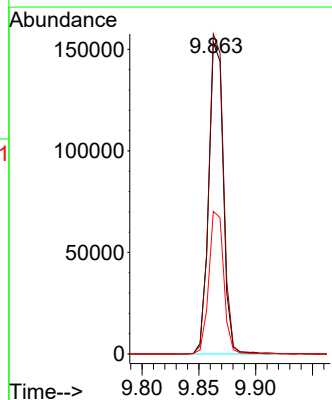
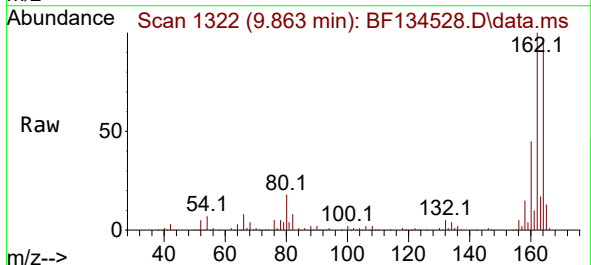
Instrument :
BNA_F
ClientSampleId :
RINSATE-BLANK

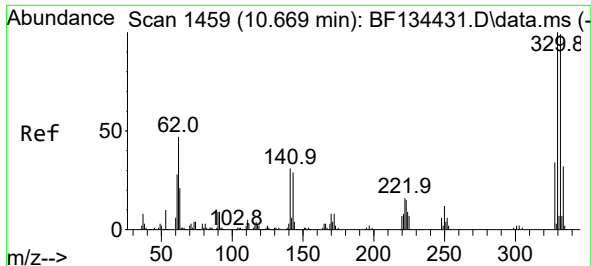
Tgt Ion: 82 Resp: 734430
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF134528.D
Acq: 28 Jul 2023 22:17

Tgt Ion: 164 Resp: 136997
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 45.8 37.2 55.8

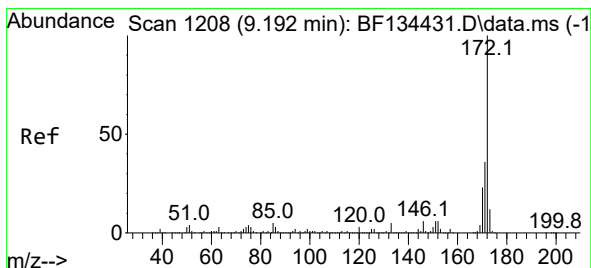
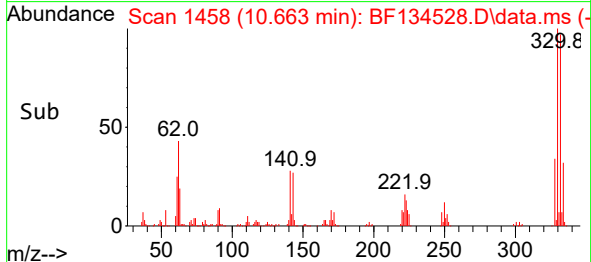
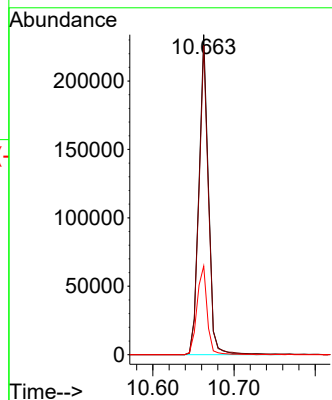
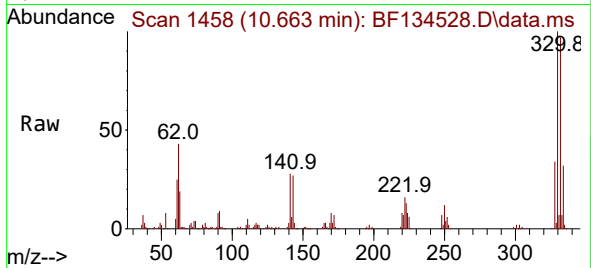




#42
2,4,6-Tribromophenol
Concen: 98.308 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF134528.D
Acq: 28 Jul 2023 22:17

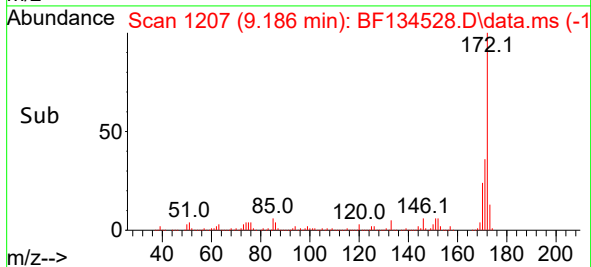
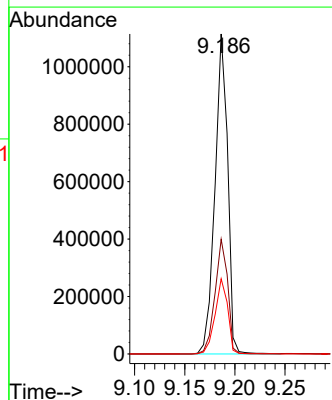
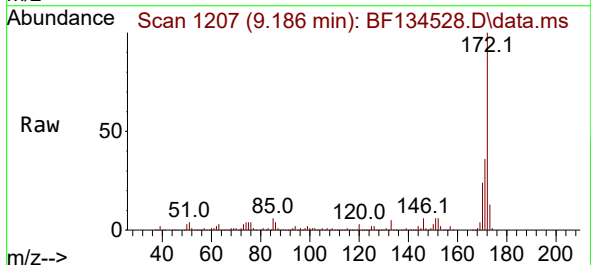
Instrument :
BNA_F
ClientSampleId :
RINSATE-BLANK

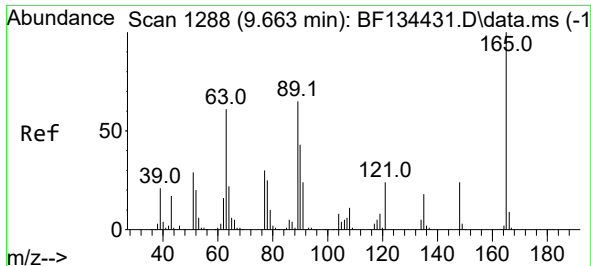
Tgt Ion:330 Resp: 191355
Ion Ratio Lower Upper
330 100
332 96.3 78.8 118.2
141 29.5 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 93.883 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF134528.D
Acq: 28 Jul 2023 22:17

Tgt Ion:172 Resp: 979715
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.5 18.7 28.1

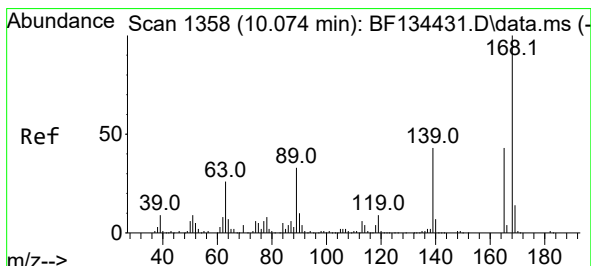
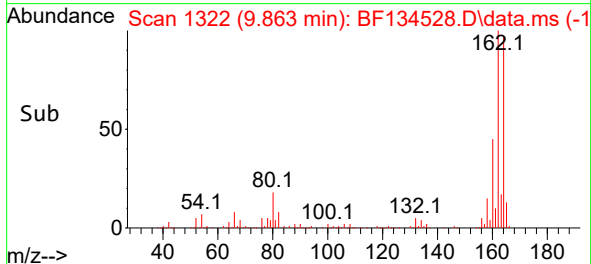
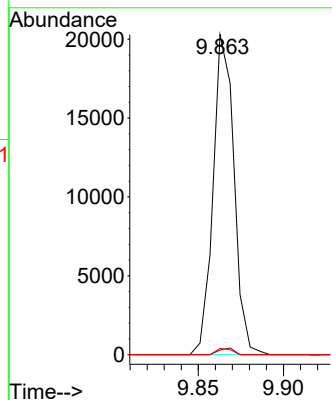
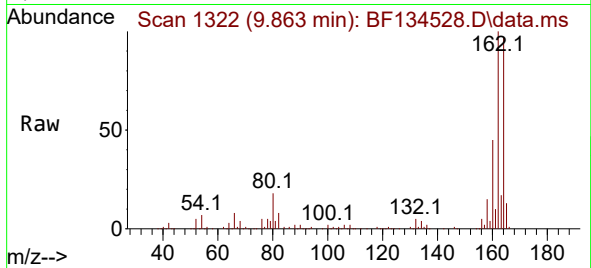




#51
2,6-Dinitrotoluene
Concen: 7.764 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134528.D
Acq: 28 Jul 2023 22:17

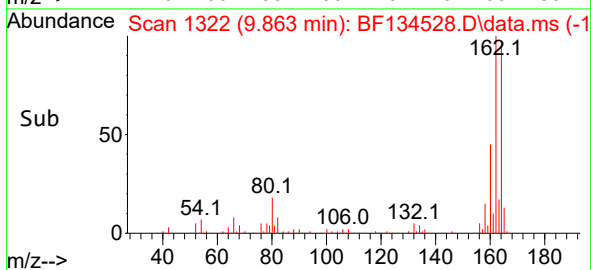
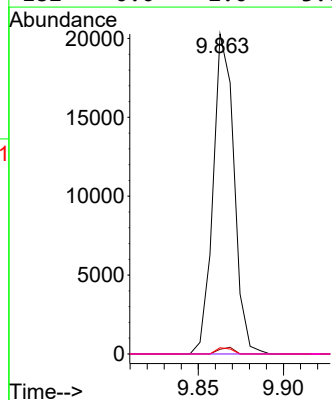
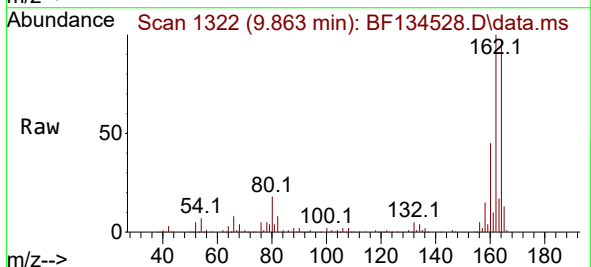
Instrument :
BNA_F
ClientSampleId :
RINSATE-BLANK

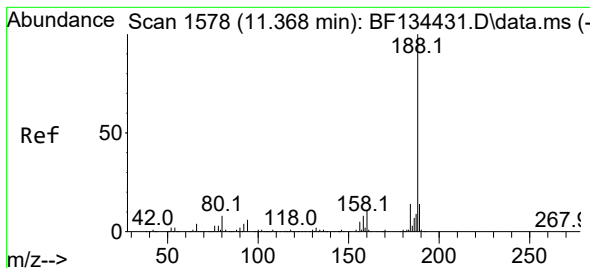
Tgt Ion:165 Resp: 17301
Ion Ratio Lower Upper
165 100
63 1.5 57.8 86.6#
89 2.0 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 5.780 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.206 min
Lab File: BF134528.D
Acq: 28 Jul 2023 22:17

Tgt Ion:165 Resp: 17301
Ion Ratio Lower Upper
165 100
63 1.5 48.9 73.3#
89 2.0 61.7 92.5#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134528.D

Acq: 28 Jul 2023 22:17

Instrument :

BNA_F

ClientSampleId :

RINSATE-BLANK

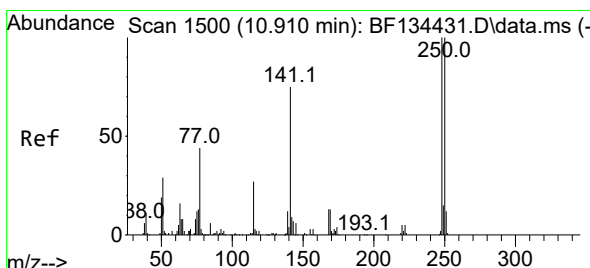
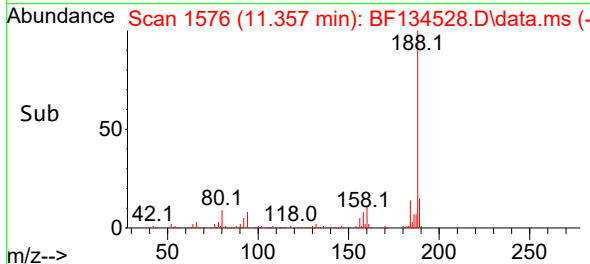
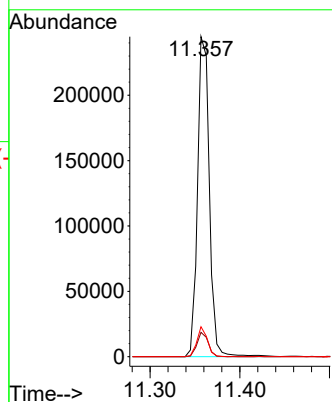
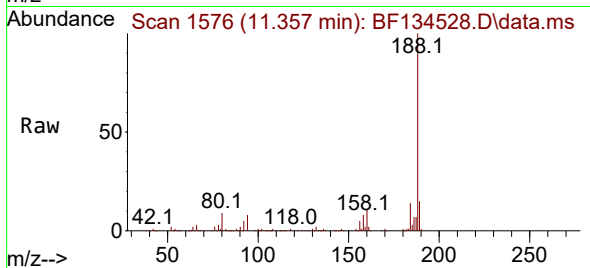
Tgt Ion:188 Resp: 224038

Ion Ratio Lower Upper

188 100

94 7.6 5.1 7.7

80 9.4 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 4.891 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.235 min

Lab File: BF134528.D

Acq: 28 Jul 2023 22:17

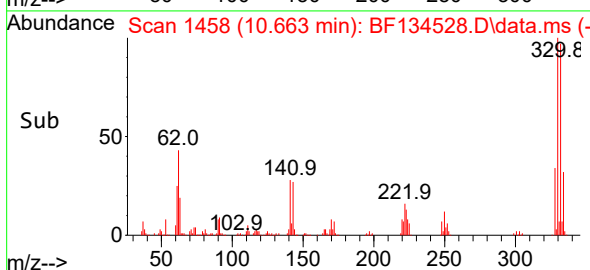
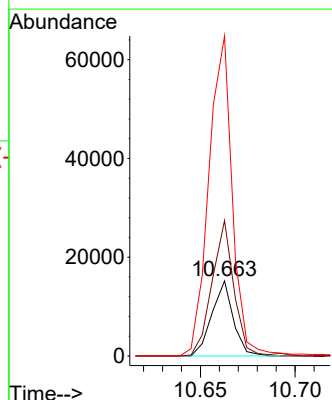
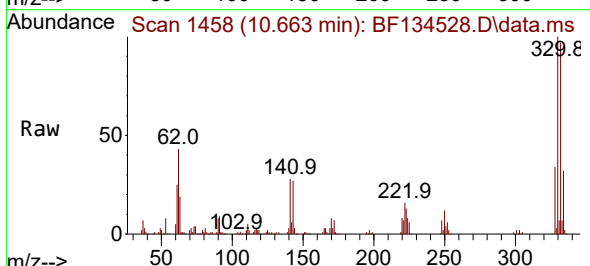
Tgt Ion:248 Resp: 12006

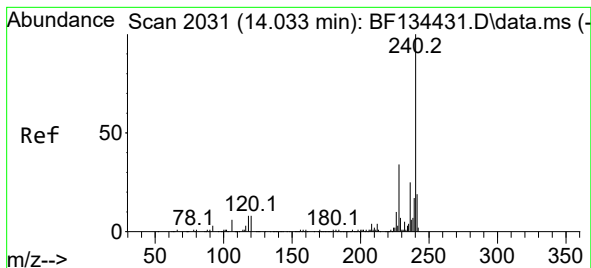
Ion Ratio Lower Upper

248 100

250 180.4 79.6 119.4#

141 426.3 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: BF134528.D

Acq: 28 Jul 2023 22:17

Instrument :

BNA_F

ClientSampleId :

RINSATE-BLANK

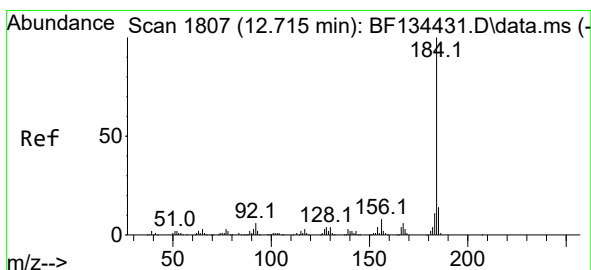
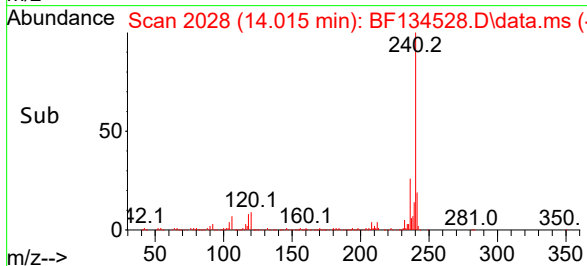
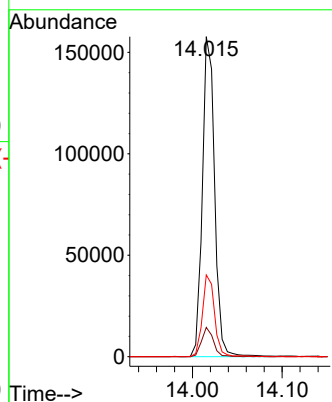
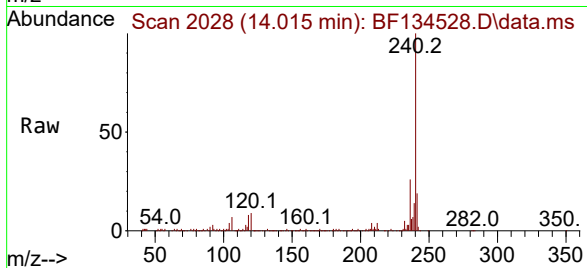
Tgt Ion:240 Resp: 149740

Ion Ratio Lower Upper

240 100

120 9.2 6.6 10.0

236 25.6 20.2 30.2



#77

Benzidine

Concen: 3.521 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.253 min

Lab File: BF134528.D

Acq: 28 Jul 2023 22:17

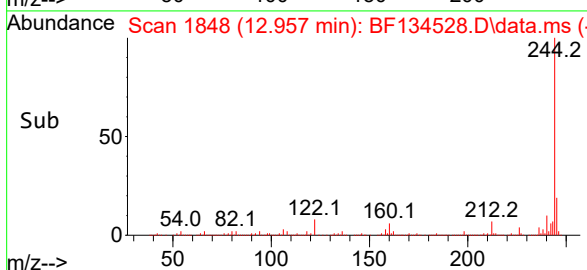
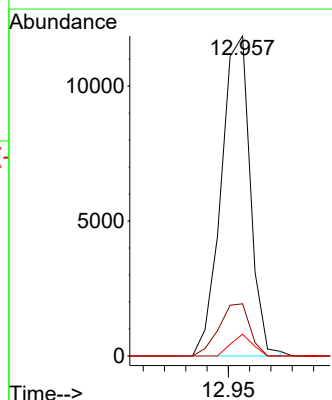
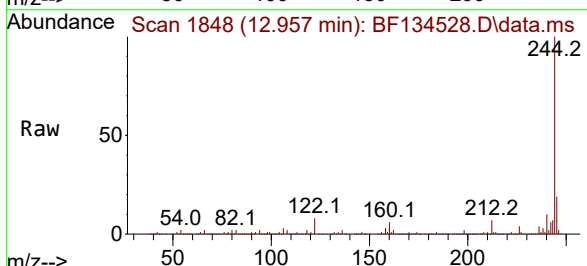
Tgt Ion:184 Resp: 11258

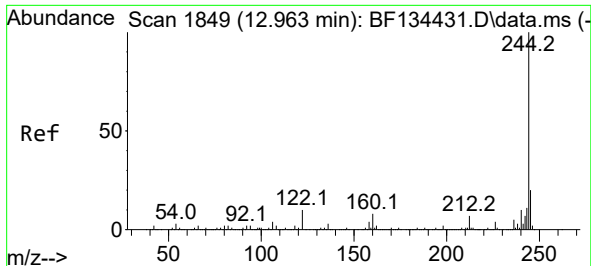
Ion Ratio Lower Upper

184 100

185 16.3 11.2 16.8

183 6.8 8.6 13.0#

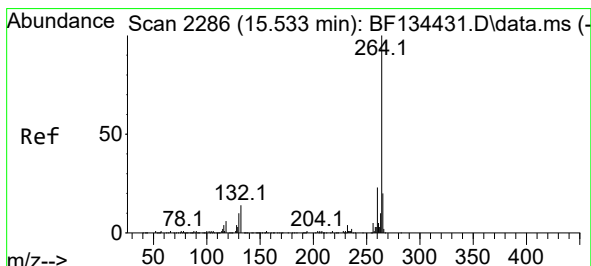
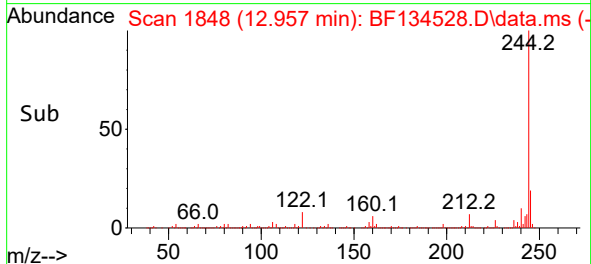
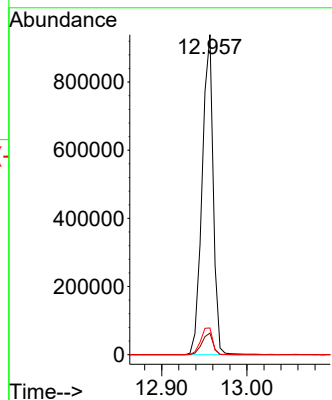
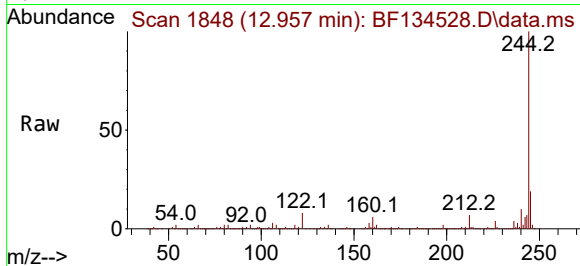




#79
 Terphenyl-d14
 Concen: 98.816 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF134528.D
 Acq: 28 Jul 2023 22:17

Instrument :
 BNA_F
 ClientSampleId :
 RINSATE-BLANK

Tgt Ion:244 Resp: 847631
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 8.3 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: BF134528.D
 Acq: 28 Jul 2023 22:17

Tgt Ion:264 Resp: 125969
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.4 27.6
 265 20.4 15.8 23.8

