

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
 Data File : BF134525.D
 Acq On : 28 Jul 2023 20:32
 Operator : CG\JU
 Sample : 03645-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-(2.0-4.0)

Quant Time: Jul 29 01:27:54 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)

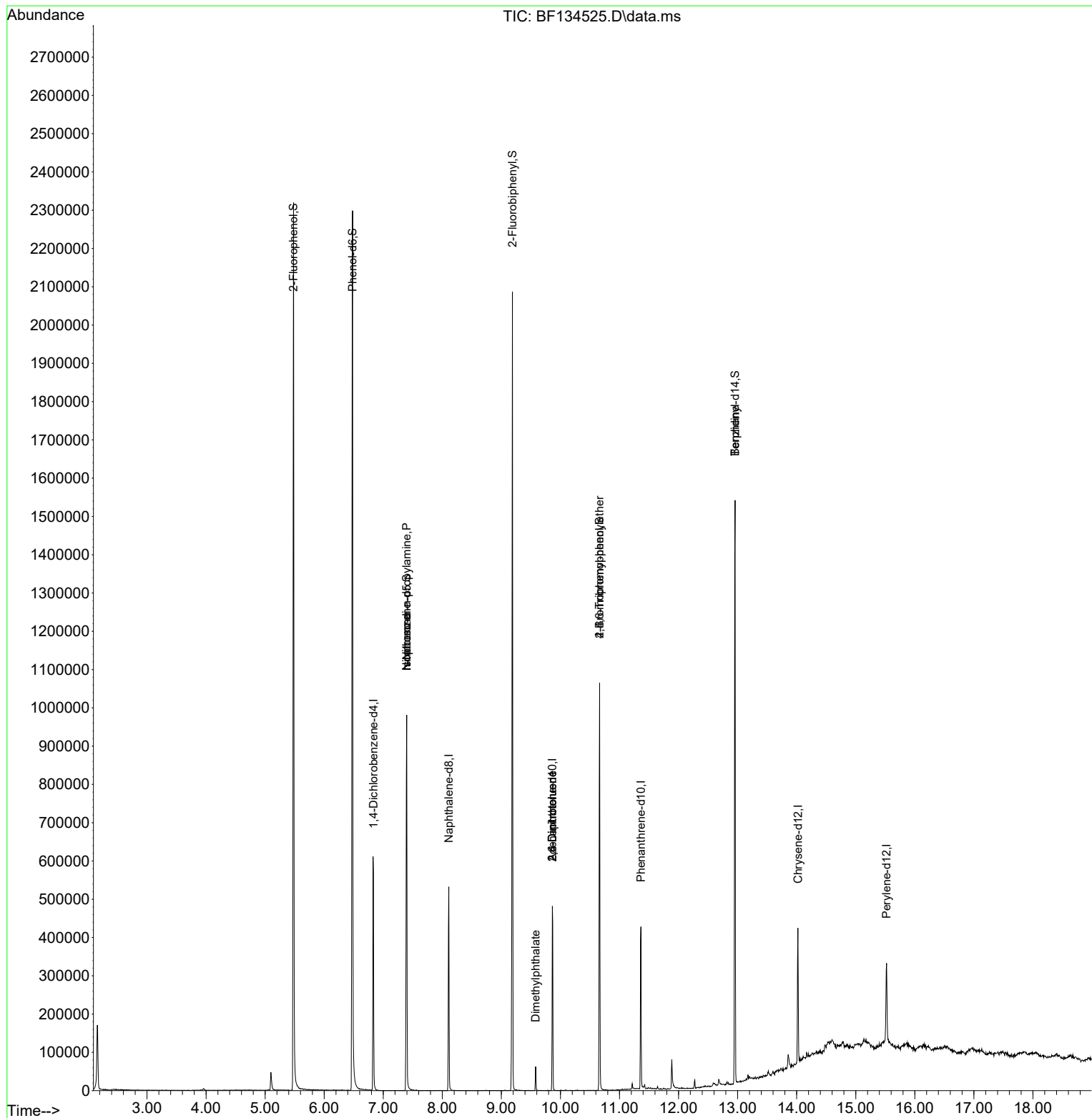
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	94654	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	229475	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	97108	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	163845	20.000	ng	0.00
76) Chrysene-d12	14.021	240	111540	20.000	ng	0.00
86) Perylene-d12	15.521	264	97214	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	603870	105.406	ng	0.02
7) Phenol-d6	6.481	99	782235	111.443	ng	0.00
23) Nitrobenzene-d5	7.398	82	309433	68.224	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	130504	94.587	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	589497	79.693	ng	0.00
79) Terphenyl-d14	12.957	244	534462	83.646	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	43759	10.014	ng	# 73
25) Isophorone	7.398	82	309430	40.935	ng	# 65
50) Dimethylphthalate	9.580	163	21498	2.986	ng	97
51) 2,6-Dinitrotoluene	9.863	165	12693	8.036	ng	# 17
57) 2,4-Dinitrotoluene	9.863	165	12693	5.983	ng	# 18
67) 4-Bromophenyl-phenylether	10.663	248	7982	4.446	ng	# 1
77) Benzidine	12.957	184	7594	3.189	ng	# 89

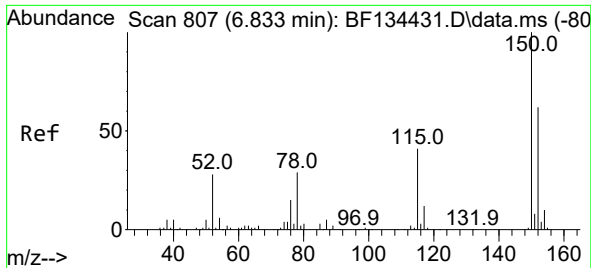
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
Data File : BF134525.D
Acq On : 28 Jul 2023 20:32
Operator : CG\JU
Sample : 03645-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-(2.0-4.0)

Quant Time: Jul 29 01:27:54 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

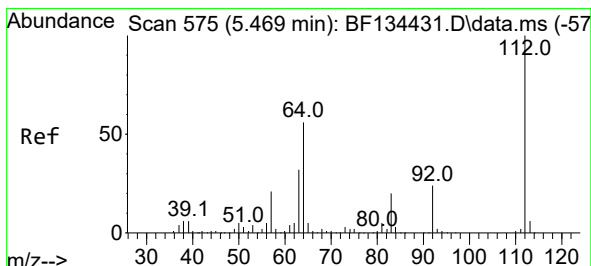
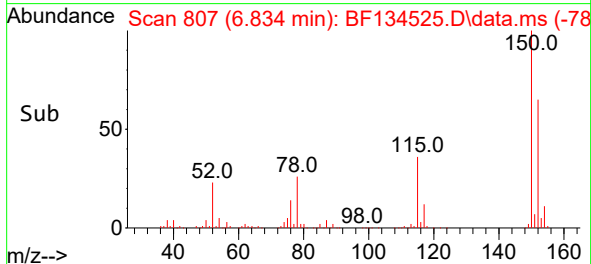
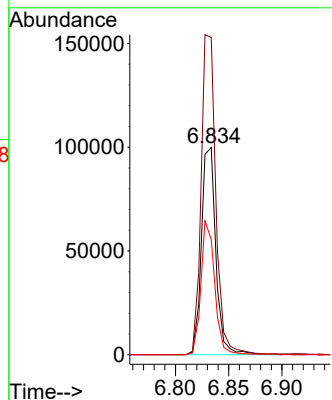
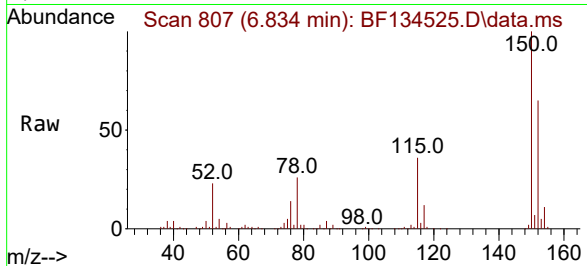




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.006 min
Lab File: BF134525.D
Acq: 28 Jul 2023 20:32

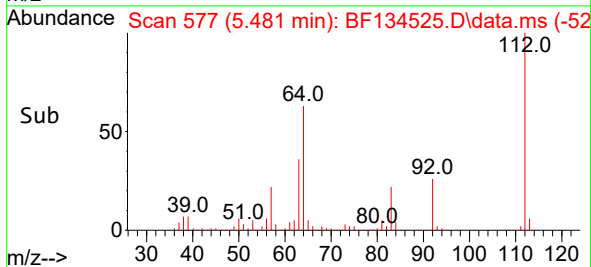
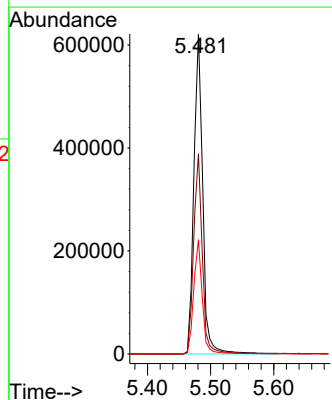
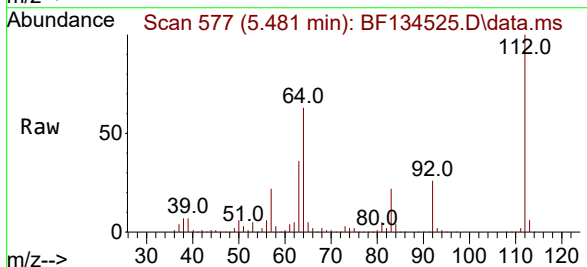
Instrument :
BNA_F
ClientSampleId :
SB-09-(2.0-4.0)

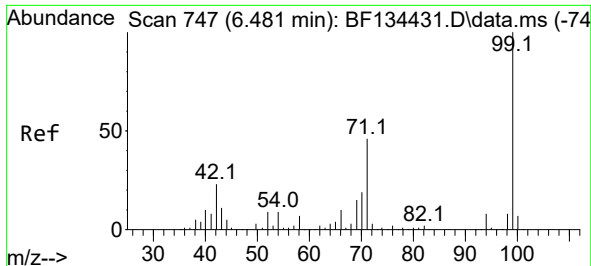
Tgt Ion:152 Resp: 94654
Ion Ratio Lower Upper
152 100
150 153.0 128.3 192.5
115 55.6 52.4 78.6



#5
2-Fluorophenol
Concen: 105.406 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF134525.D
Acq: 28 Jul 2023 20:32

Tgt Ion:112 Resp: 603870
Ion Ratio Lower Upper
112 100
64 62.5 44.9 67.3
63 35.7 25.4 38.0

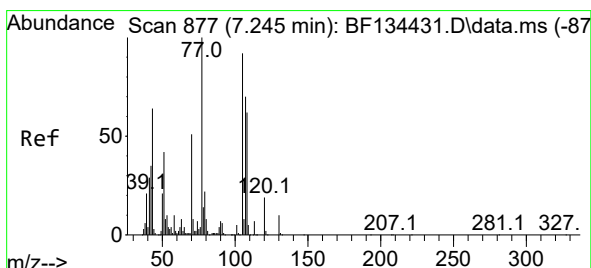
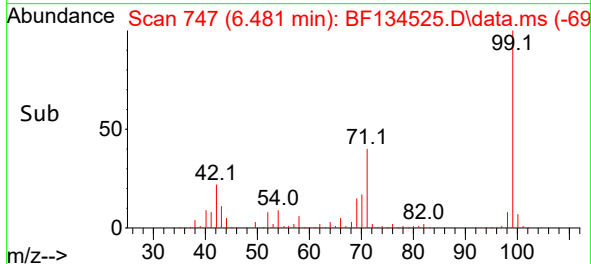
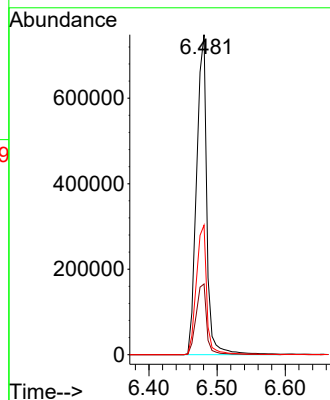
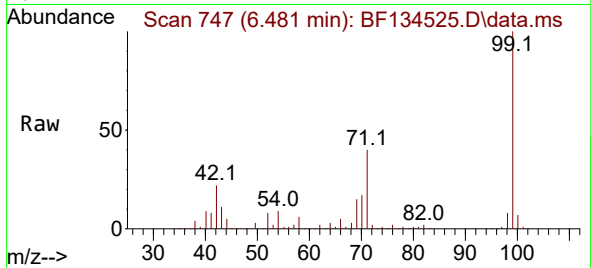




#7
Phenol-d6
Concen: 111.443 ng
RT: 6.481 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF134525.D
Acq: 28 Jul 2023 20:32

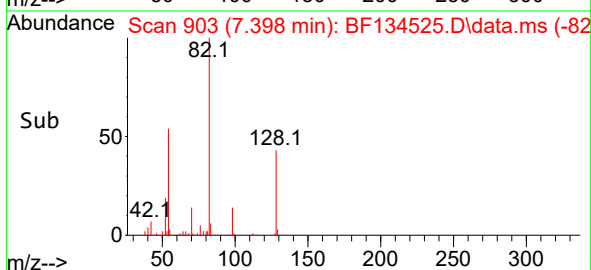
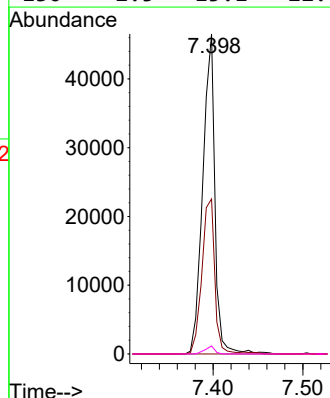
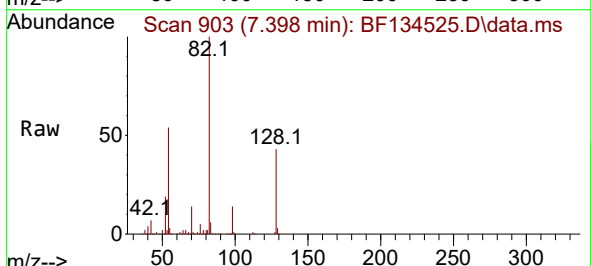
Instrument :
BNA_F
ClientSampleId :
SB-09-(2.0-4.0)

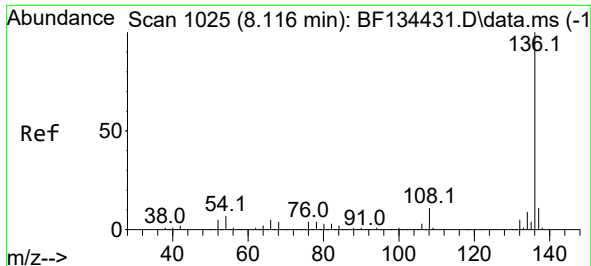
Tgt Ion: 99 Resp: 782235
Ion Ratio Lower Upper
99 100
42 22.1 18.7 28.1
71 40.5 36.4 54.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.014 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.159 min
Lab File: BF134525.D
Acq: 28 Jul 2023 20:32

Tgt Ion: 70 Resp: 43759
Ion Ratio Lower Upper
70 100
42 48.5 54.7 82.1#
101 0.0 8.2 12.2#
130 2.5 15.1 22.7#

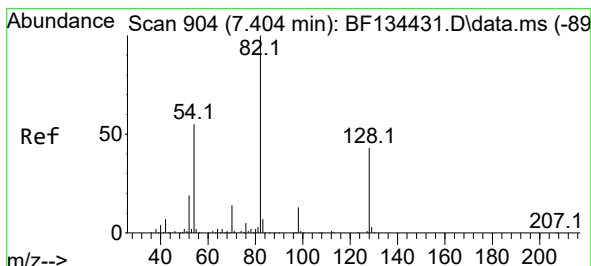
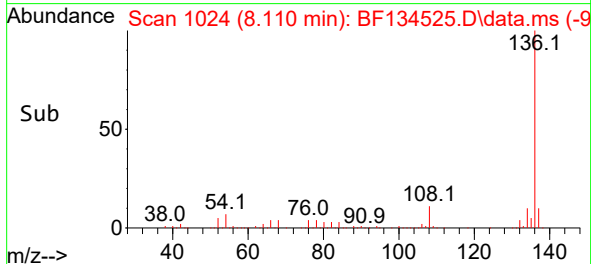
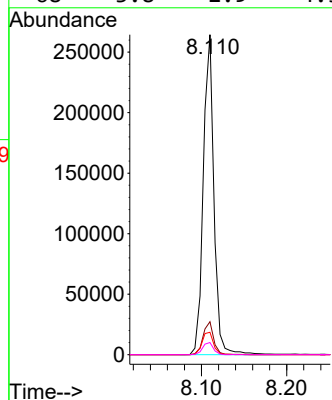
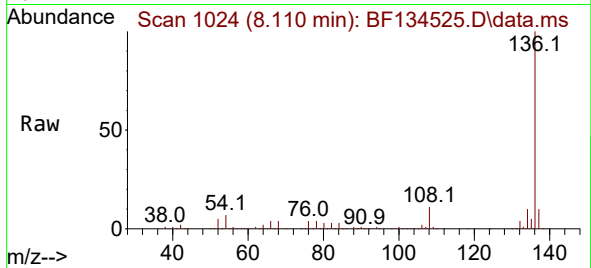




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1025
Delta R.T. 0.006 min
Lab File: BF134525.D
Acq: 28 Jul 2023 20:32

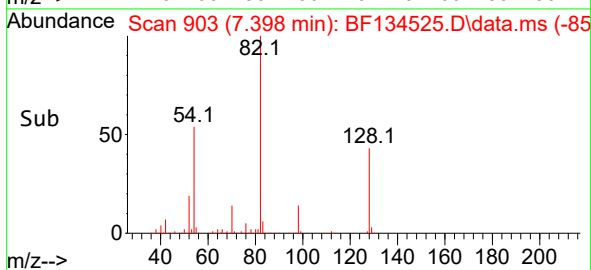
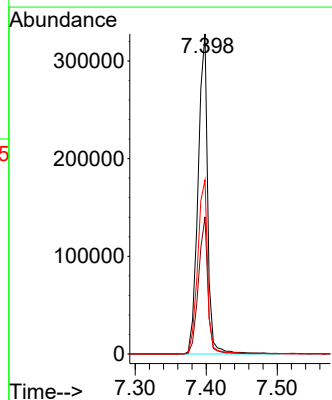
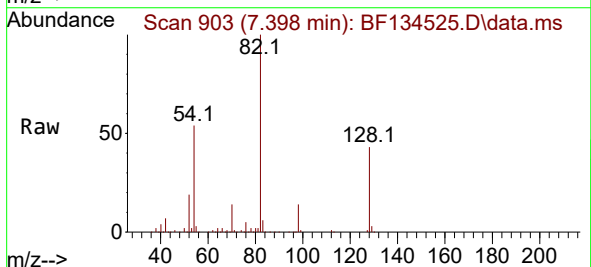
Instrument :
BNA_F
ClientSampleId :
SB-09-(2.0-4.0)

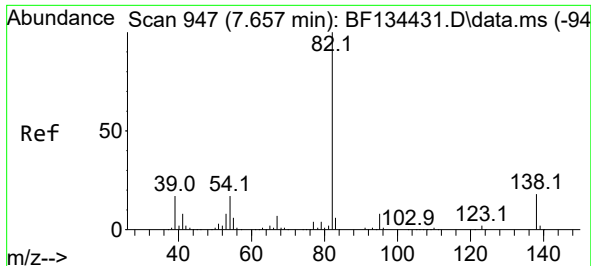
Tgt Ion:136 Resp: 229475
Ion Ratio Lower Upper
136 100
137 10.3 8.4 12.6
54 7.0 5.2 7.8
68 3.8 2.9 4.3



#23
Nitrobenzene-d5
Concen: 68.224 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.006 min
Lab File: BF134525.D
Acq: 28 Jul 2023 20:32

Tgt Ion: 82 Resp: 309433
Ion Ratio Lower Upper
82 100
128 42.9 34.3 51.5
54 54.4 43.8 65.6

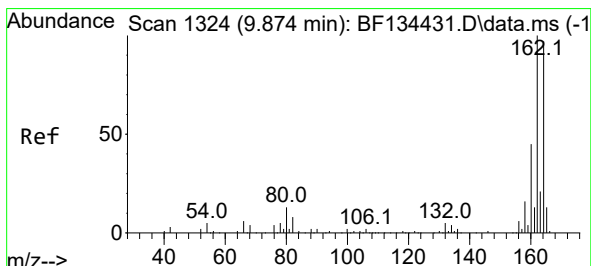
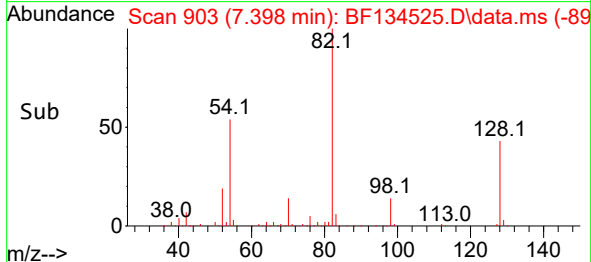
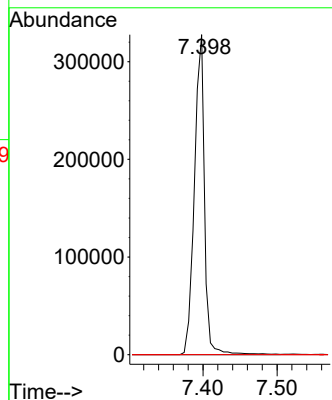
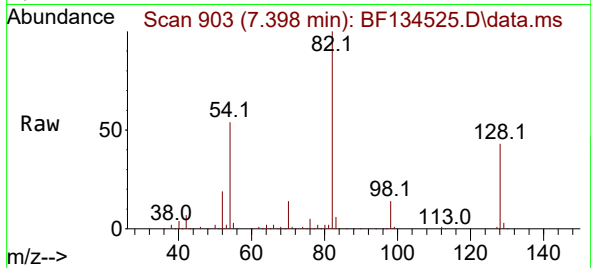




#25
Isophorone
Concen: 40.935 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF134525.D
Acq: 28 Jul 2023 20:32

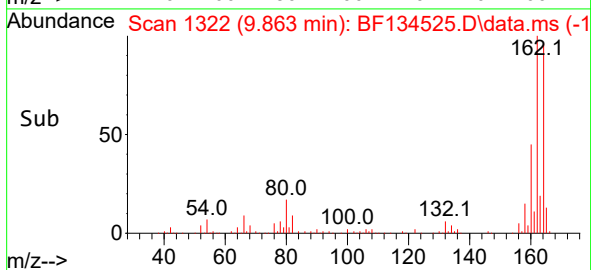
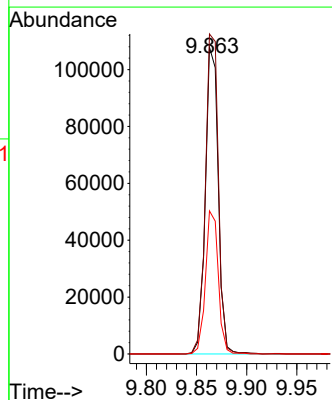
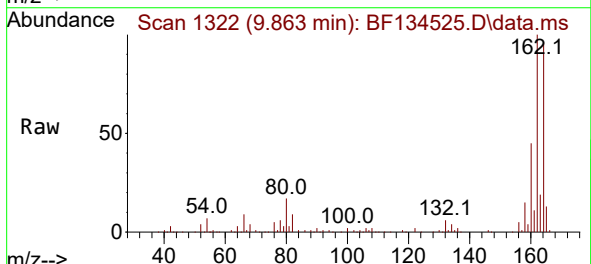
Instrument :
BNA_F
ClientSampleId :
SB-09-(2.0-4.0)

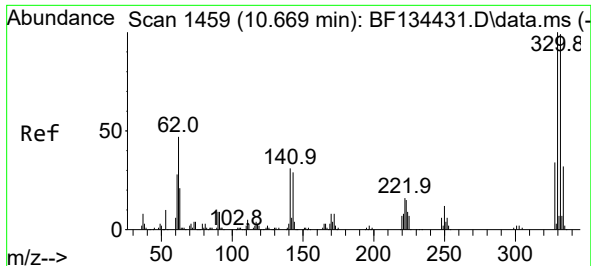
Tgt Ion: 82 Resp: 309430
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF134525.D
Acq: 28 Jul 2023 20:32

Tgt Ion:164 Resp: 97108
Ion Ratio Lower Upper
164 100
162 104.3 82.6 123.8
160 46.7 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 94.587 ng

RT: 10.663 min Scan# 1459

Delta R.T. 0.000 min

Lab File: BF134525.D

Acq: 28 Jul 2023 20:32

Instrument :

BNA_F

ClientSampleId :

SB-09-(2.0-4.0)

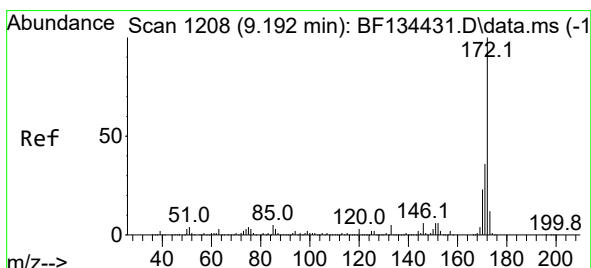
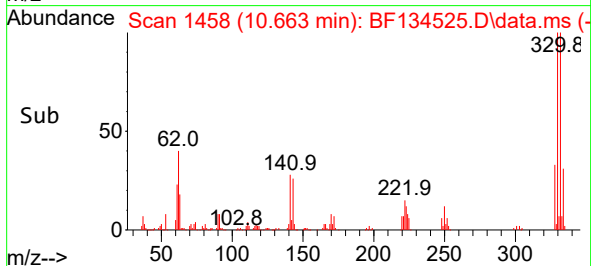
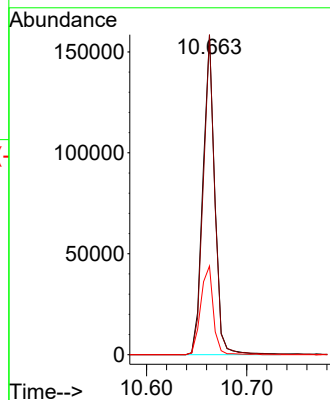
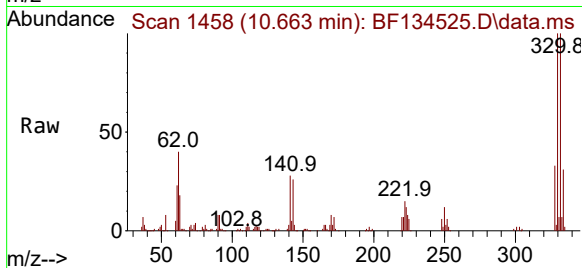
Tgt Ion:330 Resp: 130504

Ion Ratio Lower Upper

330 100

332 97.3 78.8 118.2

141 29.5 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 79.693 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF134525.D

Acq: 28 Jul 2023 20:32

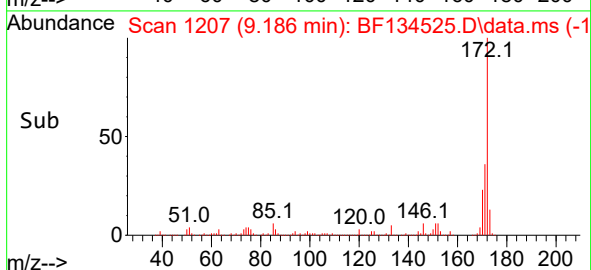
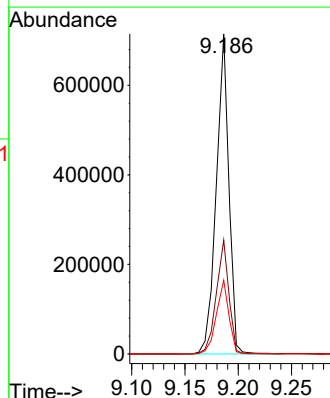
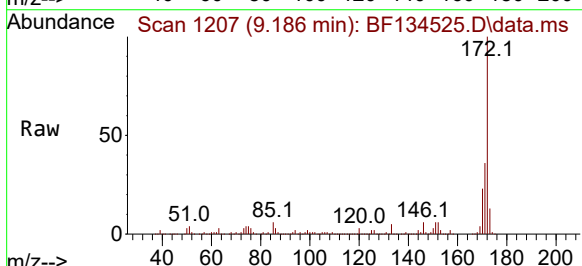
Tgt Ion:172 Resp: 589497

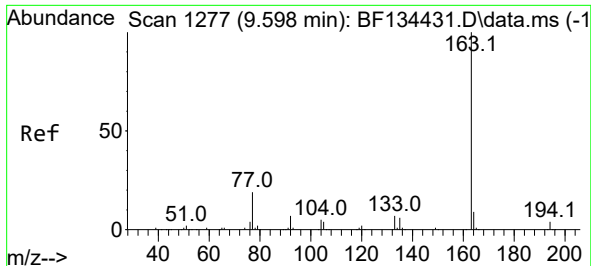
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.1 18.7 28.1

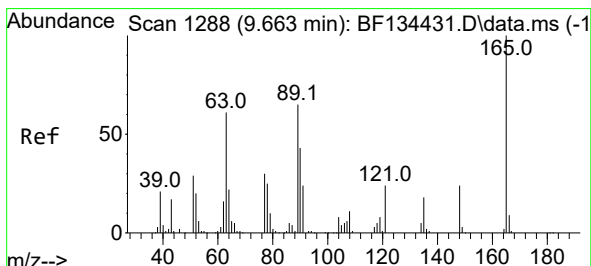
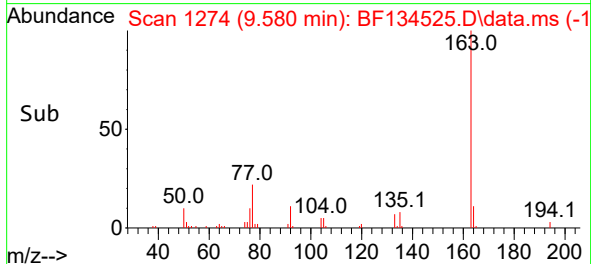
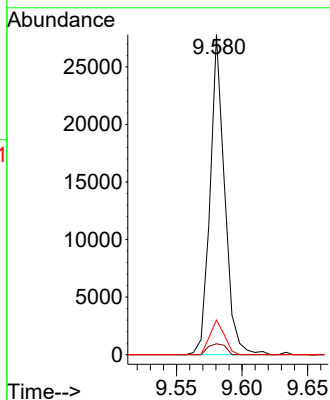
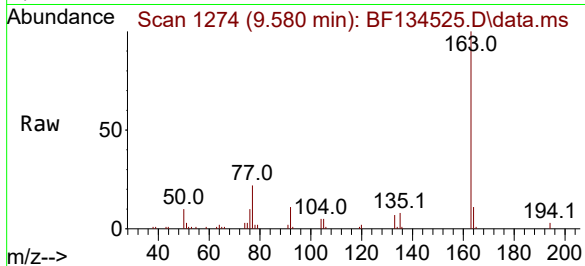




#50
Dimethylphthalate
Concen: 2.986 ng
RT: 9.580 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134525.D
Acq: 28 Jul 2023 20:32

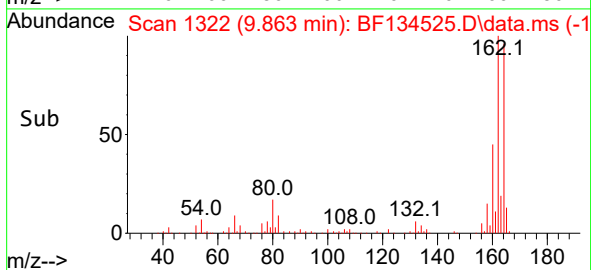
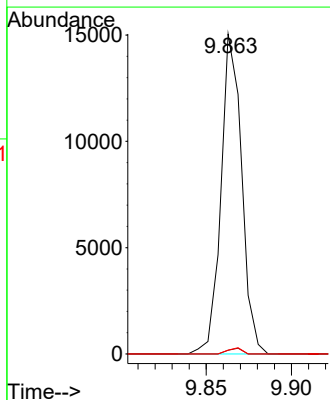
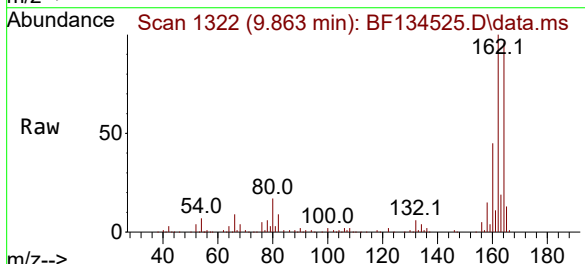
Instrument :
BNA_F
ClientSampleId :
SB-09-(2.0-4.0)

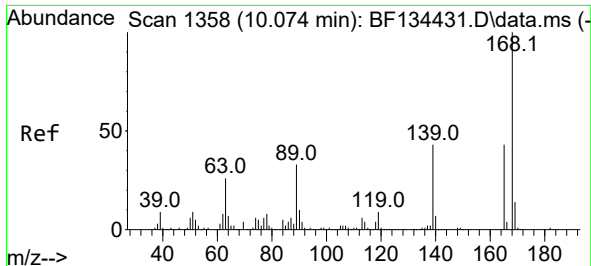
Tgt Ion:163 Resp: 21498
Ion Ratio Lower Upper
163 100
194 3.4 3.3 4.9
164 10.9 7.5 11.3



#51
2,6-Dinitrotoluene
Concen: 8.036 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.206 min
Lab File: BF134525.D
Acq: 28 Jul 2023 20:32

Tgt Ion:165 Resp: 12693
Ion Ratio Lower Upper
165 100
63 1.1 57.8 86.6#
89 1.2 51.8 77.8#

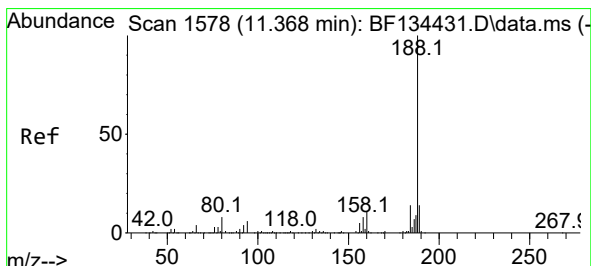
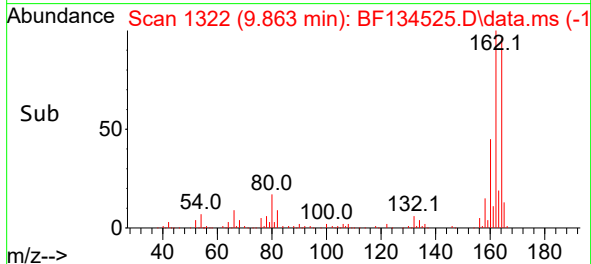
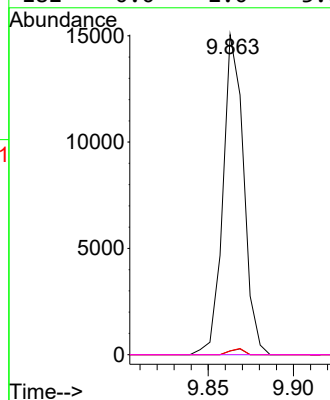
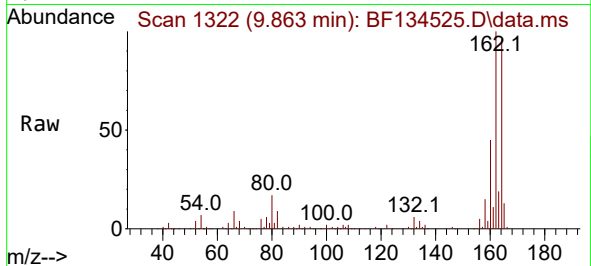




#57
2,4-Dinitrotoluene
Concen: 5.983 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134525.D
Acq: 28 Jul 2023 20:32

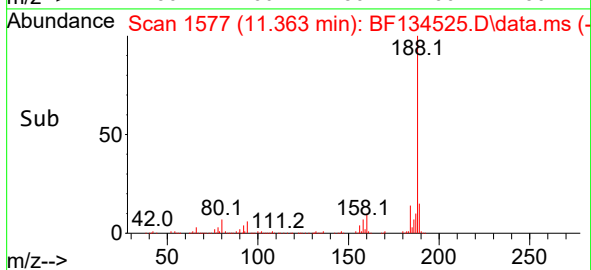
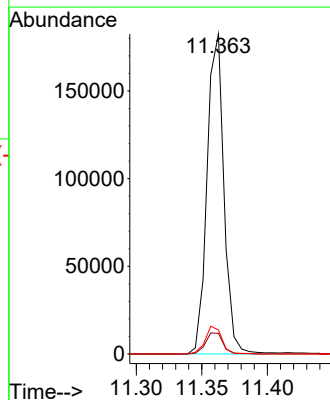
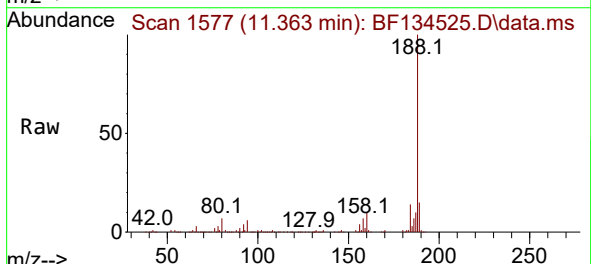
Instrument :
BNA_F
ClientSampleId :
SB-09-(2.0-4.0)

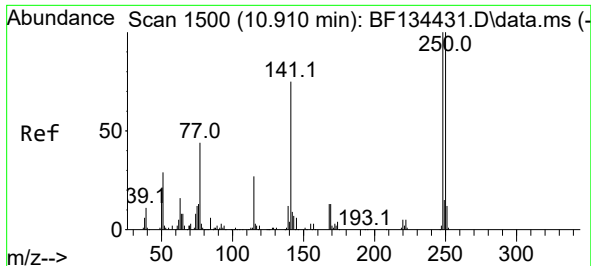
Tgt Ion:165 Resp: 12693
Ion Ratio Lower Upper
165 100
63 1.1 48.9 73.3#
89 1.2 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF134525.D
Acq: 28 Jul 2023 20:32

Tgt Ion:188 Resp: 163845
Ion Ratio Lower Upper
188 100
94 6.5 5.1 7.7
80 7.5 6.6 9.8

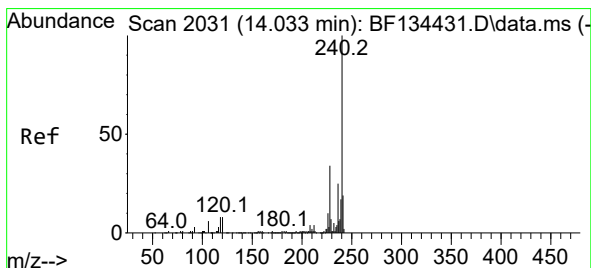
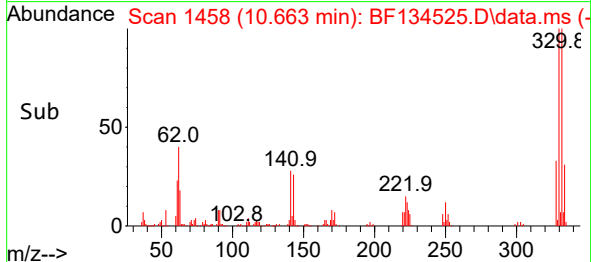
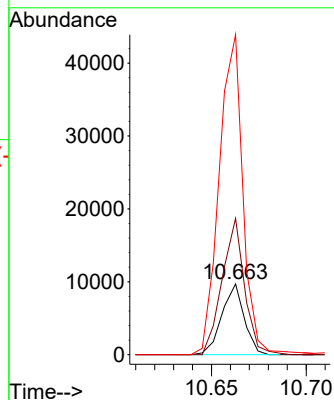
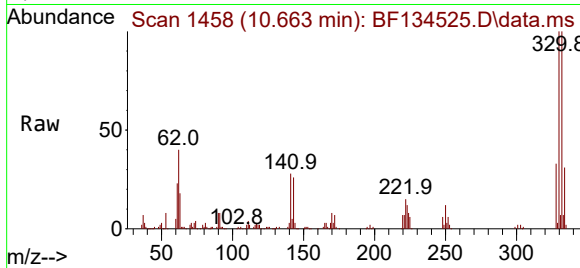




#67
4-Bromophenyl-phenylether
Concen: 4.446 ng
RT: 10.663 min Scan# 141
Delta R.T. -0.235 min
Lab File: BF134525.D
Acq: 28 Jul 2023 20:32

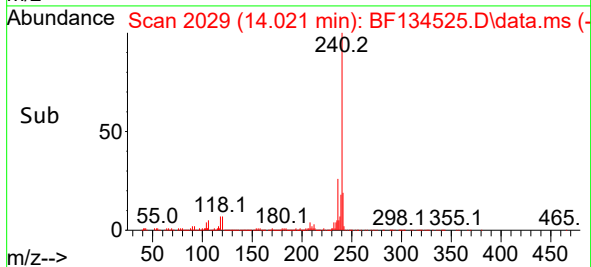
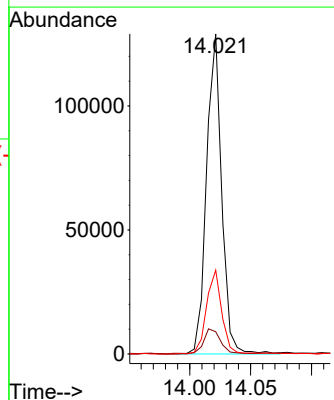
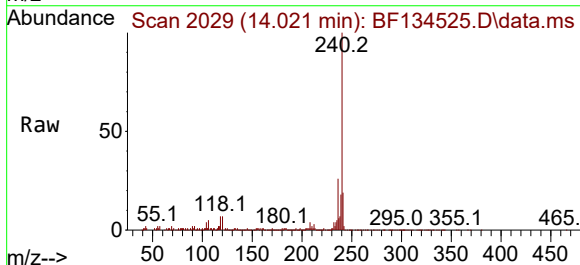
Instrument :
BNA_F
ClientSampleId :
SB-09-(2.0-4.0)

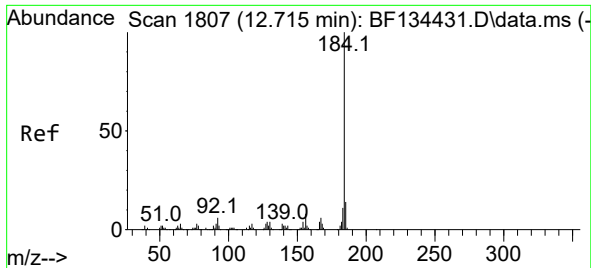
Tgt Ion:248 Resp: 7982
Ion Ratio Lower Upper
248 100
250 192.7 79.6 119.4#
141 452.5 59.6 89.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF134525.D
Acq: 28 Jul 2023 20:32

Tgt Ion:240 Resp: 111540
Ion Ratio Lower Upper
240 100
120 7.0 6.6 10.0
236 26.2 20.2 30.2

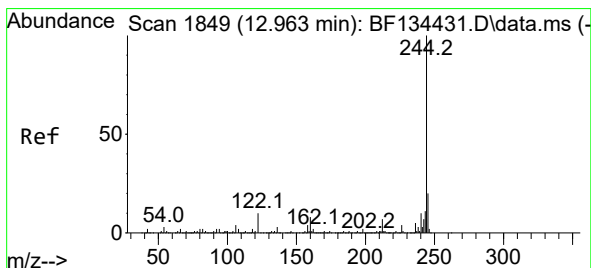
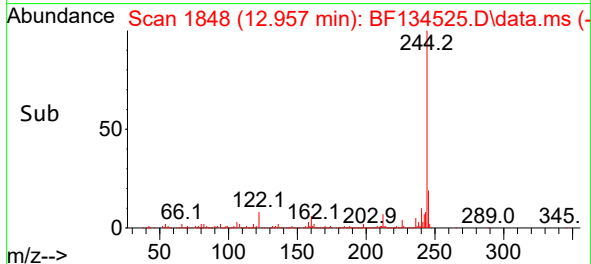
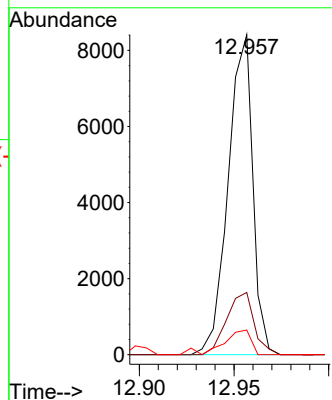
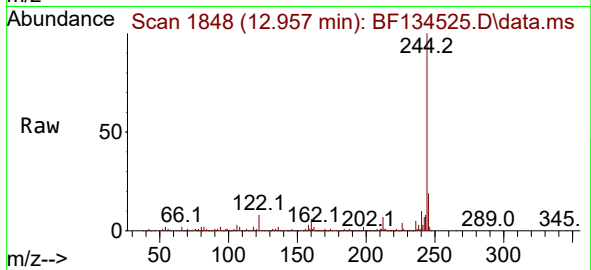




#77
Benzidine
Concen: 3.189 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.253 min
Lab File: BF134525.D
Acq: 28 Jul 2023 20:32

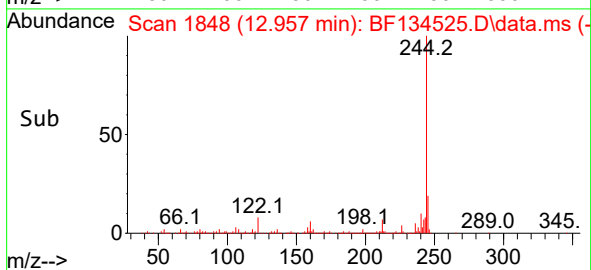
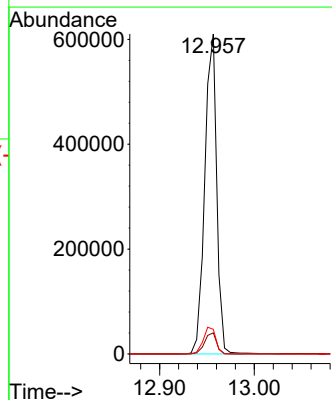
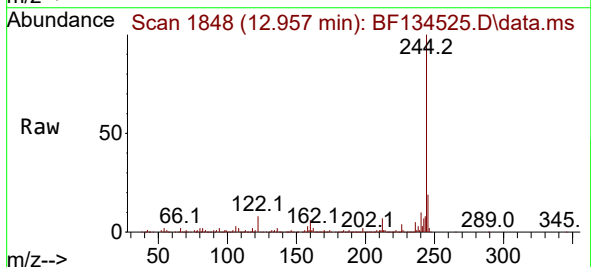
Instrument :
BNA_F
ClientSampleId :
SB-09-(2.0-4.0)

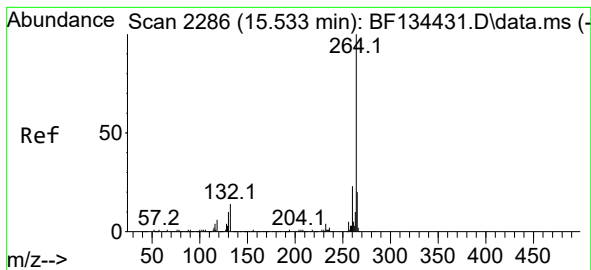
Tgt Ion:184 Resp: 7594
Ion Ratio Lower Upper
184 100
185 19.4 11.2 16.8#
183 7.7 8.6 13.0#



#79
Terphenyl-d14
Concen: 83.646 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BF134525.D
Acq: 28 Jul 2023 20:32

Tgt Ion:244 Resp: 534462
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 7.7 8.0 12.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134525.D

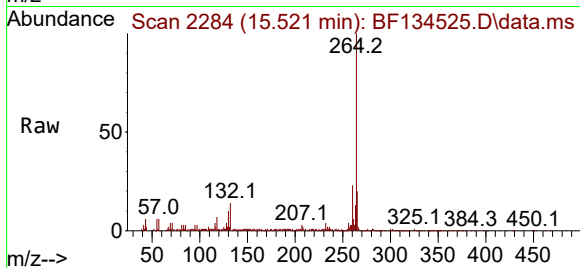
Acq: 28 Jul 2023 20:32

Instrument :

BNA_F

ClientSampleId :

SB-09-(2.0-4.0)



Tgt Ion:264 Resp: 97214

Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 20.4 15.8 23.8

