

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
 Data File : BF134775.D
 Acq On : 15 Aug 2023 09:05
 Operator : CG\JU
 Sample : PB154767BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154767BL

Quant Time: Aug 16 03:08:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

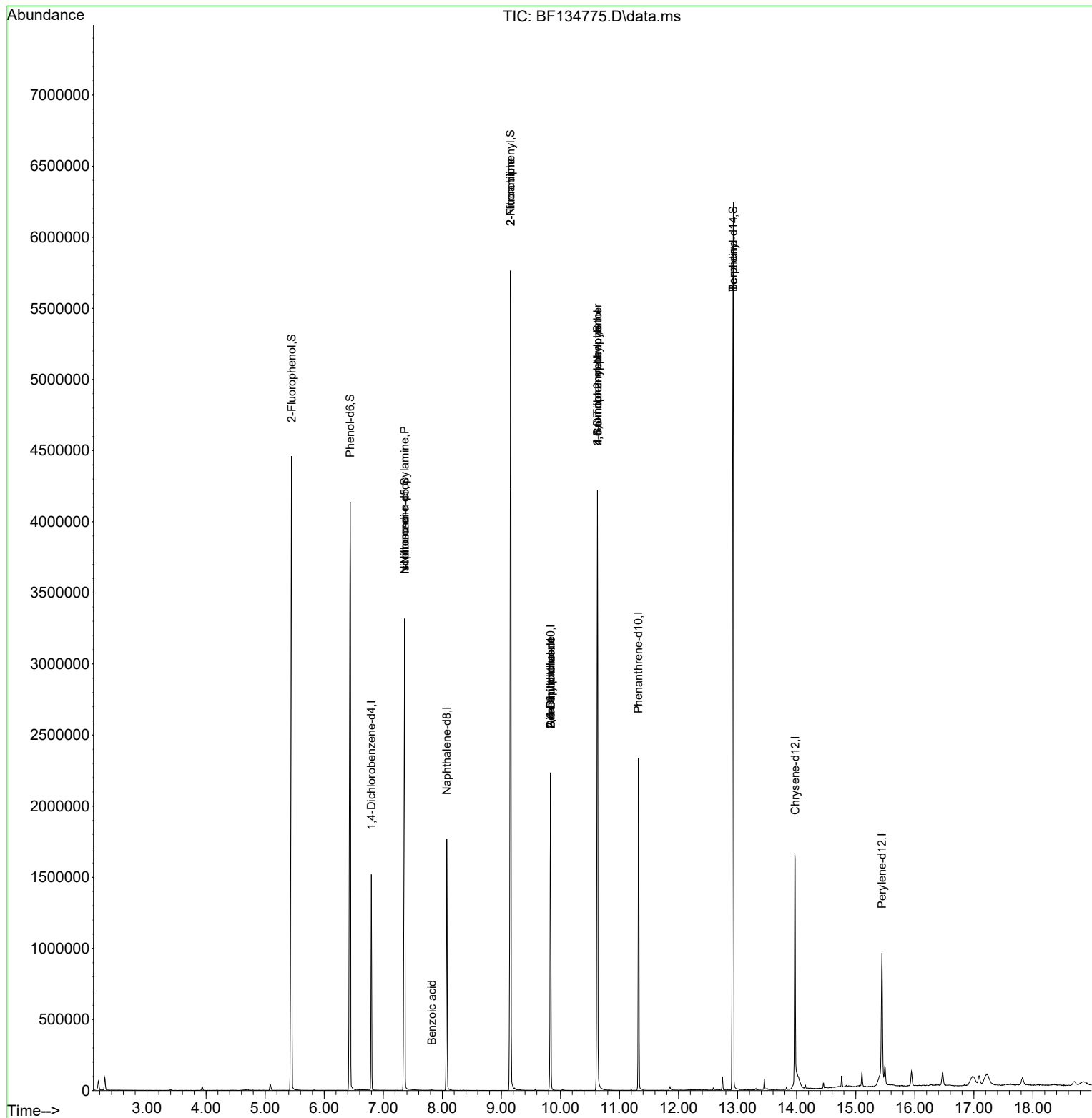
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	200914	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	844200	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	449499	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	877780	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	613705	20.000	ng	0.00
86) Perylene-d12	15.445	264	481121	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1544255	116.837	ng	0.02
7) Phenol-d6	6.439	99	1986216	117.558	ng	0.00
23) Nitrobenzene-d5	7.363	82	1290683	95.544	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	680087	148.419	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2292700	84.807	ng	0.00
79) Terphenyl-d14	12.927	244	2888126	82.961	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.439	77	3096	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.363	70	176228	17.421	ng	# 72
25) Isophorone	7.363	82	1274627	43.260	ng	# 65
32) Benzoic acid	7.822	122	78	7.875	ng	97
48) 2-Nitroaniline	9.157	65	4000	3.624	ng	# 1
50) Dimethylphthalate	9.833	163	94905	3.098	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	58629	11.350	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	58629	10.124	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.627	198	1544	9.055	ng	# 1
67) 4-Bromophenyl-phenylether	10.627	248	42880	4.463	ng	# 1
77) Benzidine	12.927	184	34952	2.624	ng	# 93

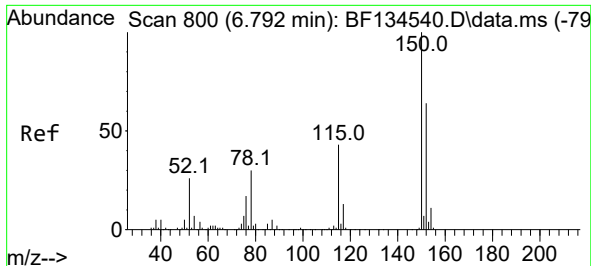
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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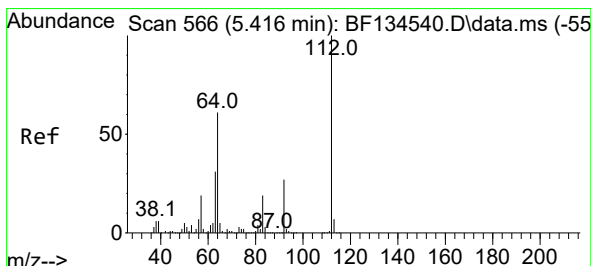
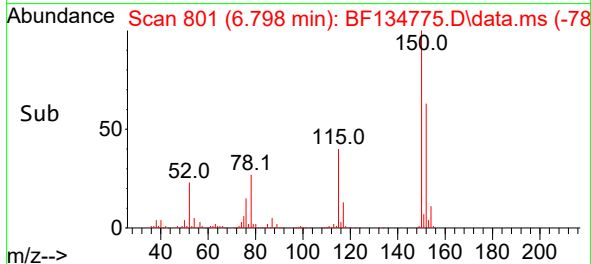
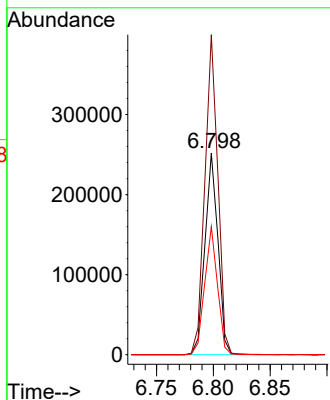
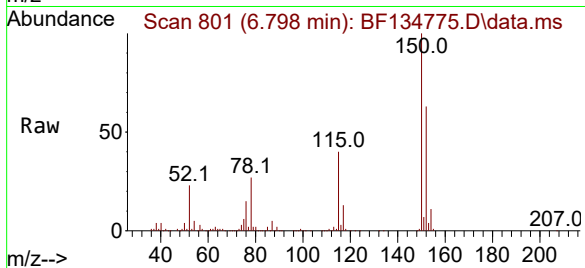




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134775.D
Acq: 15 Aug 2023 09:05

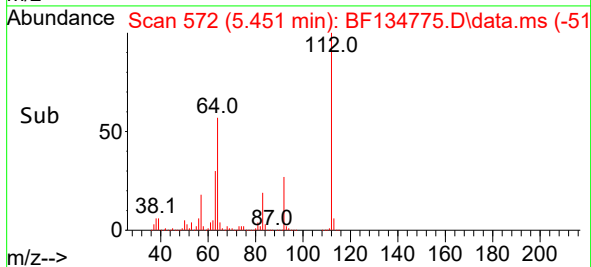
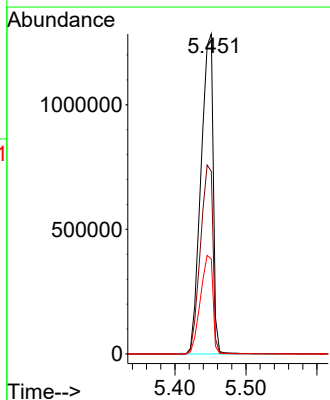
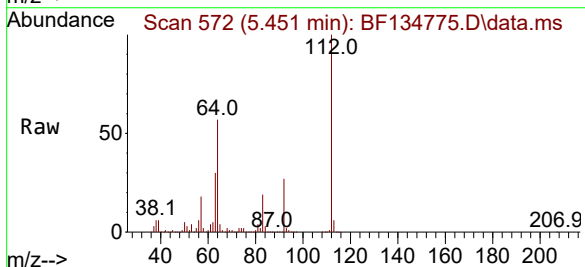
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BNA_F
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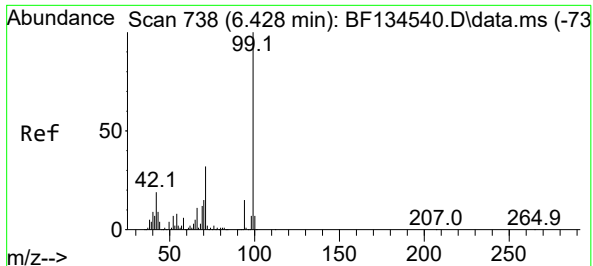
Tgt Ion:152 Resp: 200914
Ion Ratio Lower Upper
152 100
150 158.7 128.3 192.5
115 63.4 52.4 78.6



#5
2-Fluorophenol
Concen: 116.837 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.023 min
Lab File: BF134775.D
Acq: 15 Aug 2023 09:05

Tgt Ion:112 Resp: 1544255
Ion Ratio Lower Upper
112 100
64 57.1 44.9 67.3
63 29.7 25.4 38.0

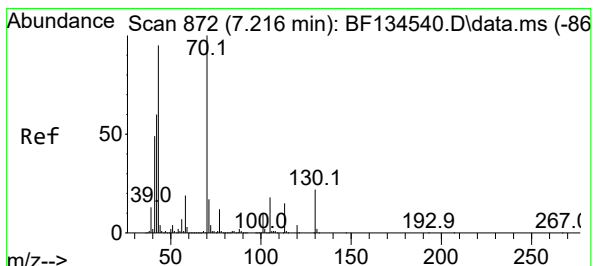
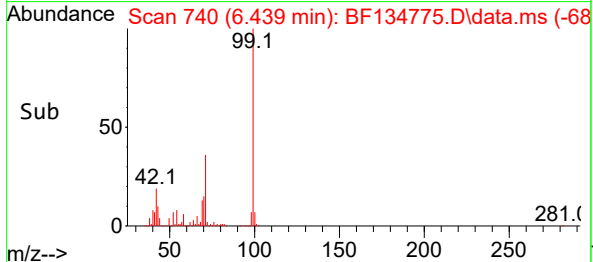
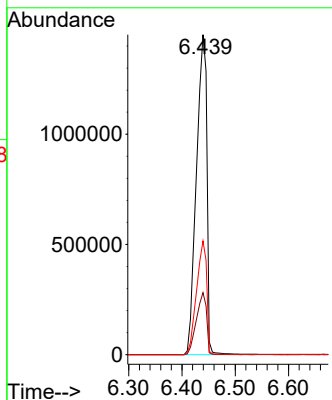
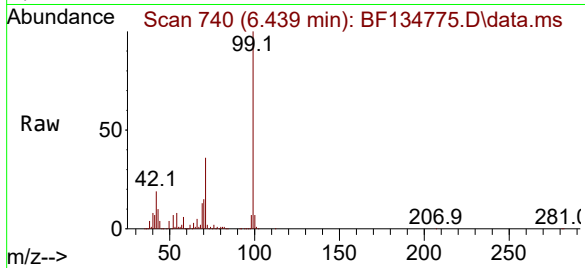




#7
Phenol-d6
Concen: 117.558 ng
RT: 6.439 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134775.D
Acq: 15 Aug 2023 09:05

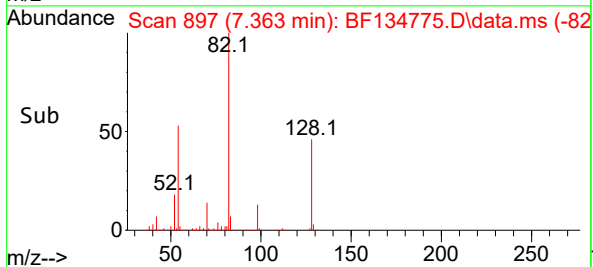
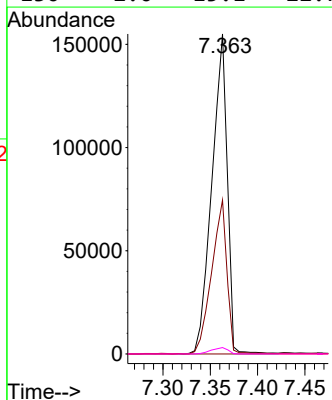
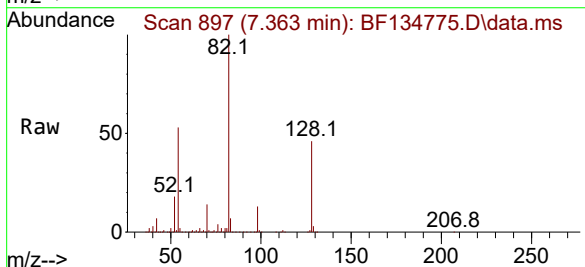
Instrument :
BNA_F
ClientSampleId :
PB154767BL

Tgt Ion: 99 Resp: 1986216
Ion Ratio Lower Upper
99 100
42 19.4 18.7 28.1
71 35.6 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 17.421 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF134775.D
Acq: 15 Aug 2023 09:05

Tgt Ion: 70 Resp: 176228
Ion Ratio Lower Upper
70 100
42 48.1 54.7 82.1#
101 0.0 8.2 12.2#
130 2.0 15.1 22.7#

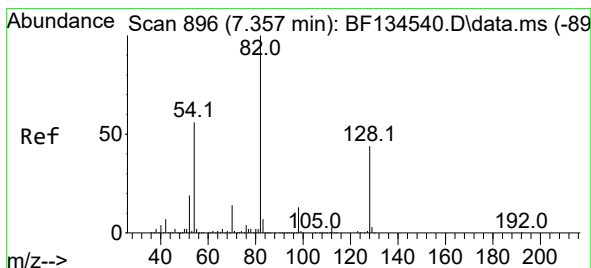
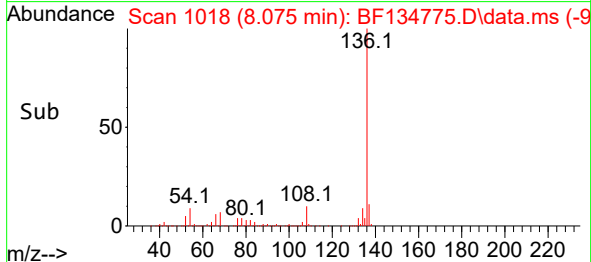
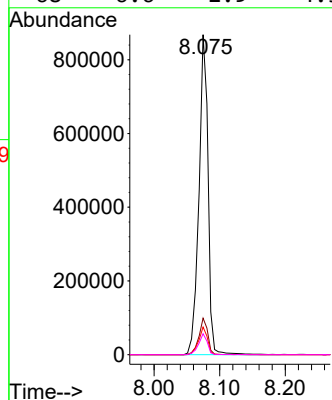
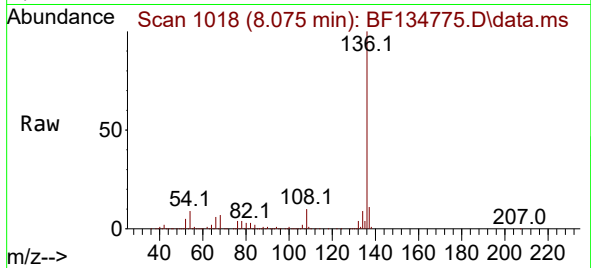




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134775.D
Acq: 15 Aug 2023 09:05

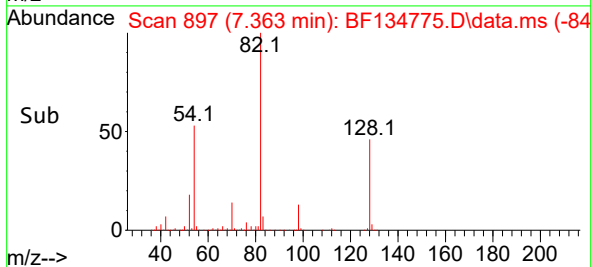
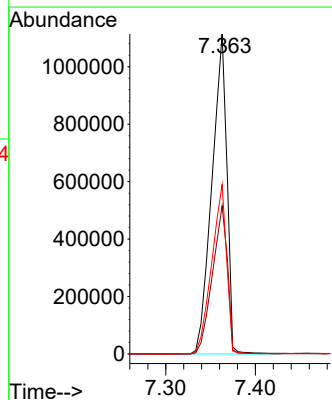
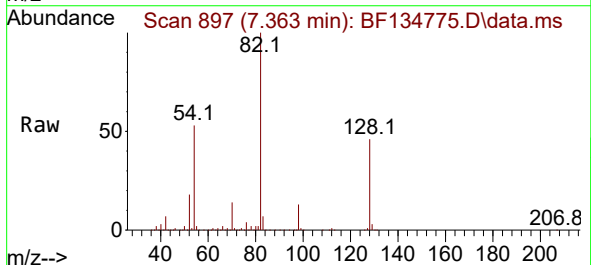
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BNA_F
ClientSampleId :
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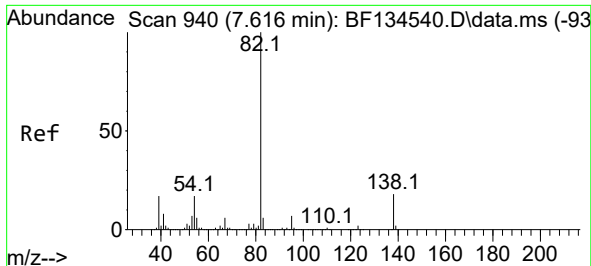
Tgt Ion:136 Resp: 844200
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 8.7 5.2 7.8#
68 6.6 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 95.544 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF134775.D
Acq: 15 Aug 2023 09:05

Tgt Ion: 82 Resp: 1290683
Ion Ratio Lower Upper
82 100
128 46.3 34.3 51.5
54 53.0 43.8 65.6

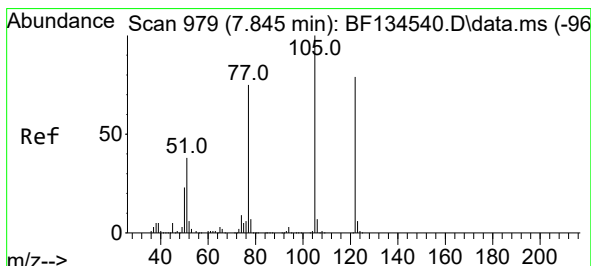
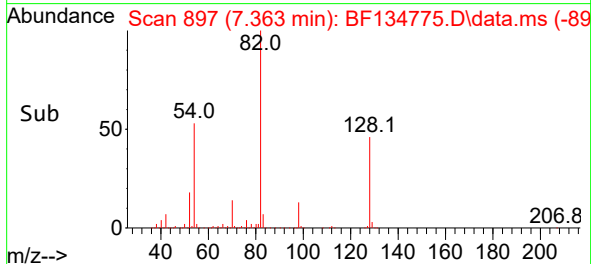
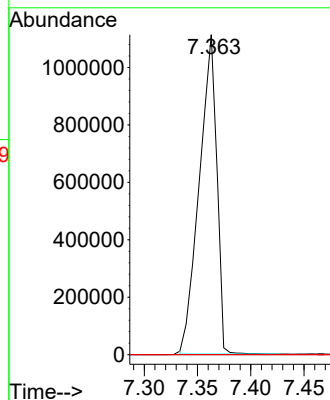
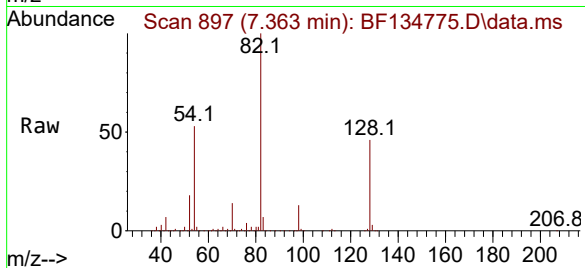




#25
Isophorone
Concen: 43.260 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF134775.D
Acq: 15 Aug 2023 09:05

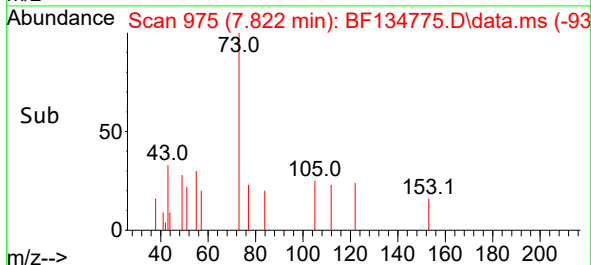
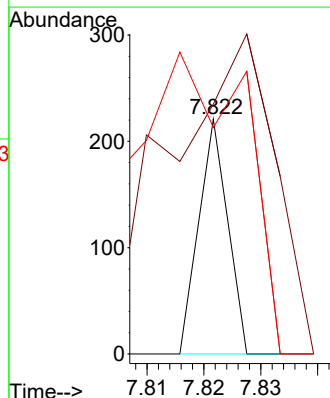
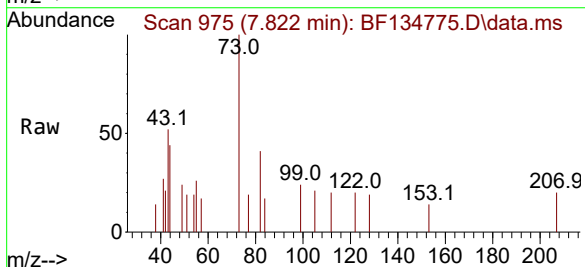
Instrument :
BNA_F
ClientSampleId :
PB154767BL

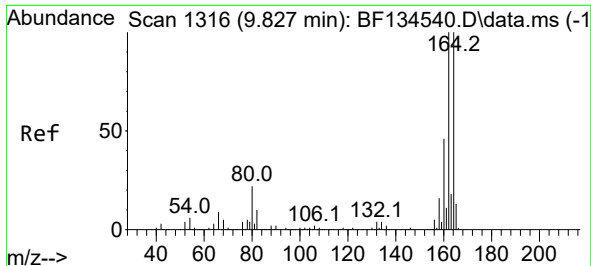
Tgt Ion: 82 Resp: 1274627
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.875 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.041 min
Lab File: BF134775.D
Acq: 15 Aug 2023 09:05

Tgt Ion:122 Resp: 78
Ion Ratio Lower Upper
122 100
105 106.3 87.5 127.5
77 96.4 71.4 111.4

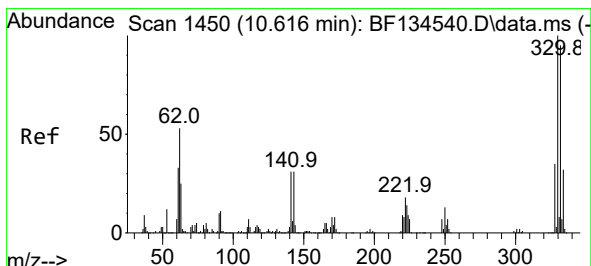
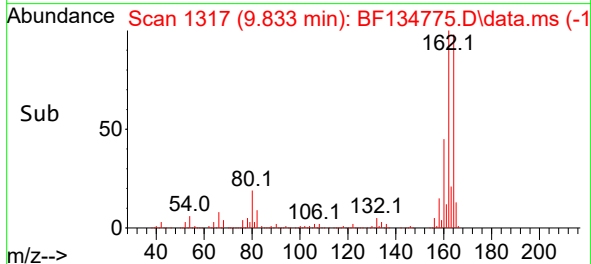
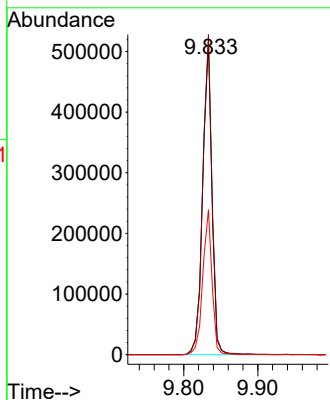
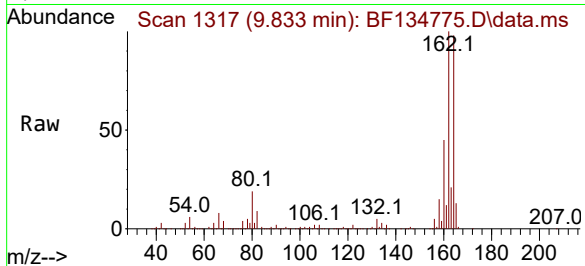




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134775.D
Acq: 15 Aug 2023 09:05

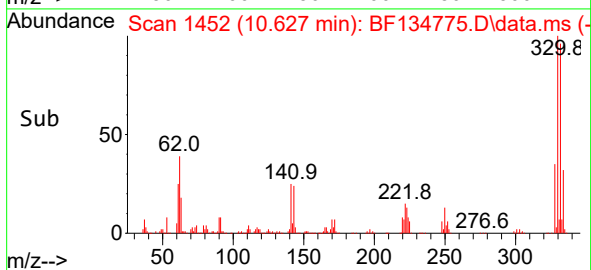
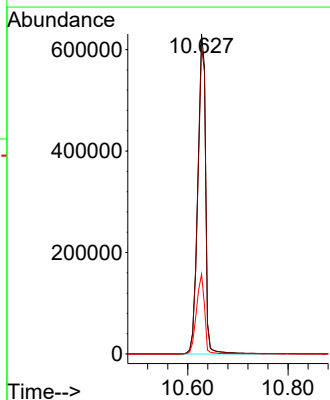
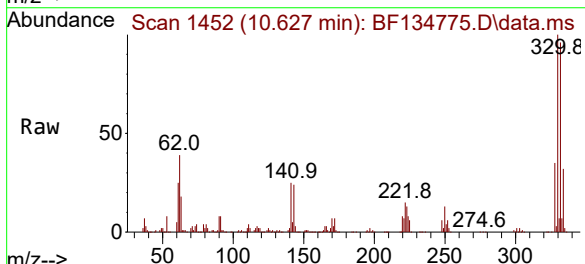
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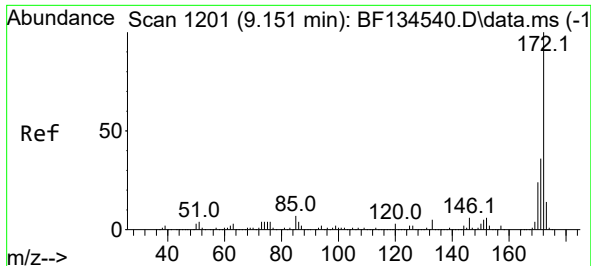
Tgt Ion:164 Resp: 449499
Ion Ratio Lower Upper
164 100
162 102.3 82.6 123.8
160 46.3 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 148.419 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF134775.D
Acq: 15 Aug 2023 09:05

Tgt Ion:330 Resp: 680087
Ion Ratio Lower Upper
330 100
332 96.6 78.8 118.2
141 26.1 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 84.807 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134775.D

Acq: 15 Aug 2023 09:05

Instrument :

BNA_F

ClientSampleId :

PB154767BL

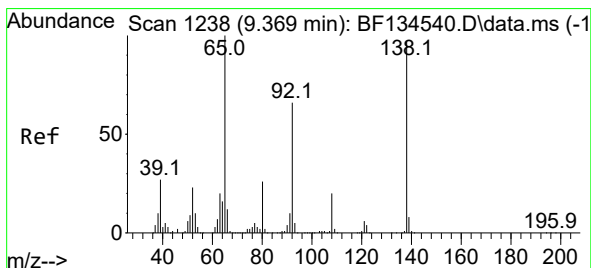
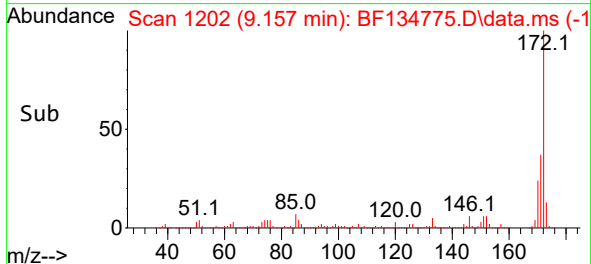
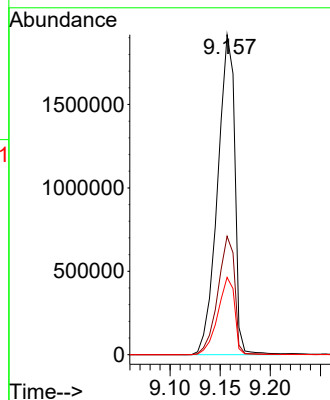
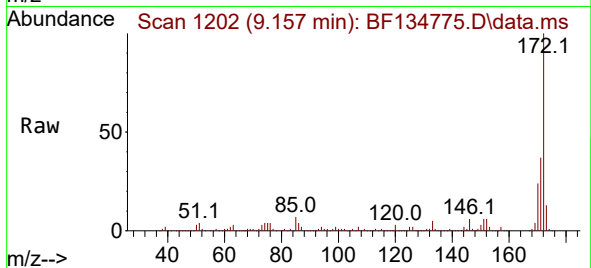
Tgt Ion:172 Resp: 2292700

Ion Ratio Lower Upper

172 100

171 37.0 28.8 43.2

170 24.1 18.7 28.1



#48

2-Nitroaniline

Concen: 3.624 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.224 min

Lab File: BF134775.D

Acq: 15 Aug 2023 09:05

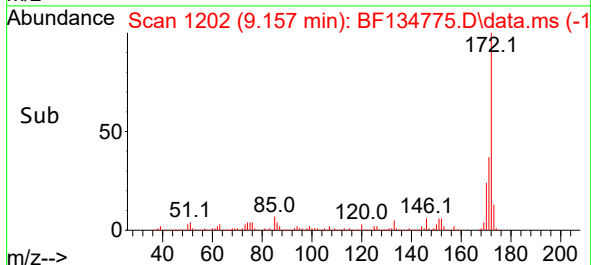
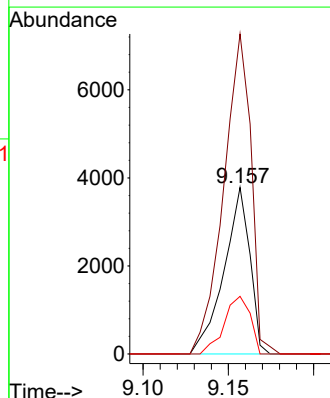
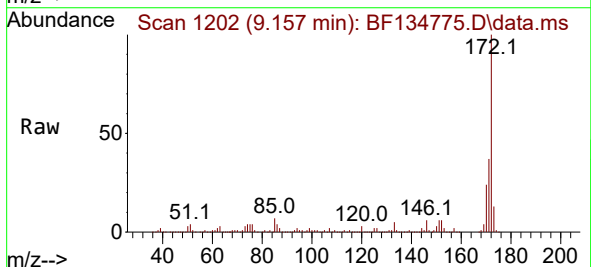
Tgt Ion: 65 Resp: 4000

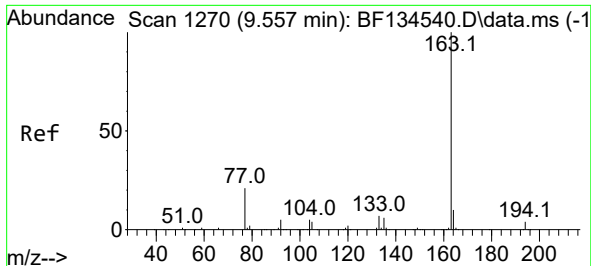
Ion Ratio Lower Upper

65 100

92 192.1 50.7 76.1#

138 34.5 78.2 117.4#

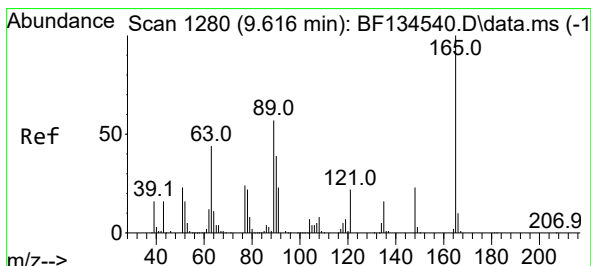
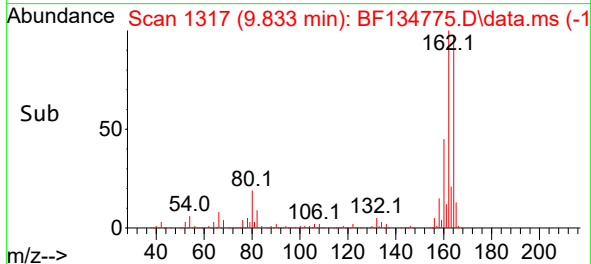
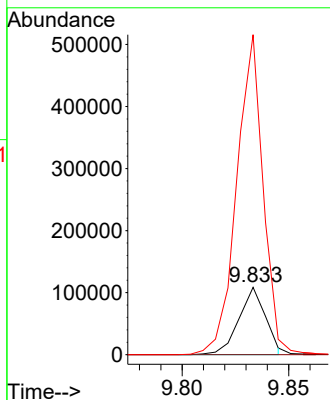
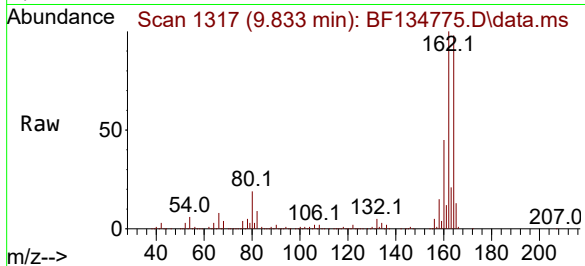




#50
Dimethylphthalate
Concen: 3.098 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134775.D
Acq: 15 Aug 2023 09:05

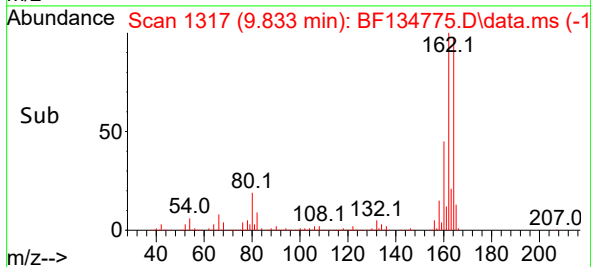
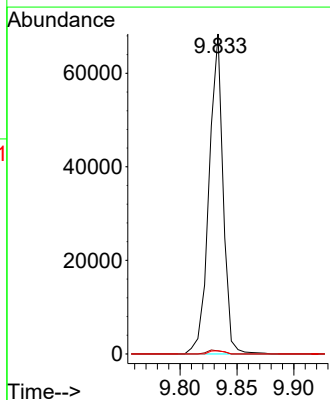
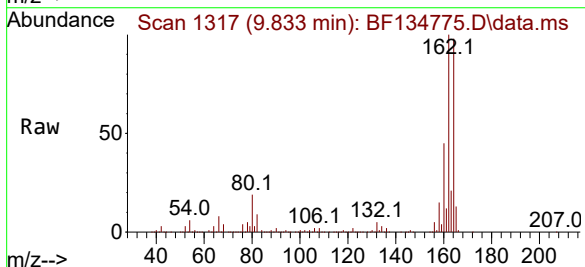
Instrument :
BNA_F
ClientSampleId :
PB154767BL

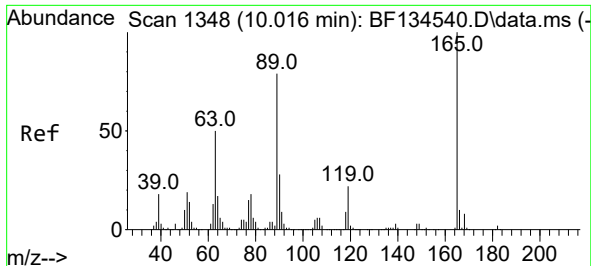
Tgt Ion:163 Resp: 94905
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 474.5 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.350 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134775.D
Acq: 15 Aug 2023 09:05

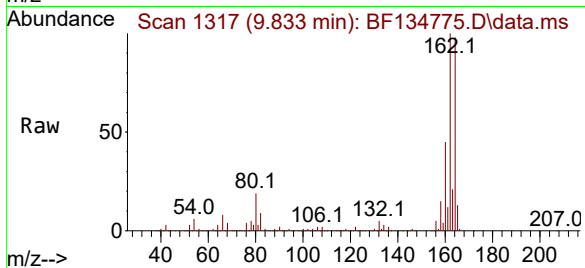
Tgt Ion:165 Resp: 58629
Ion Ratio Lower Upper
165 100
63 1.0 57.8 86.6#
89 1.0 51.8 77.8#



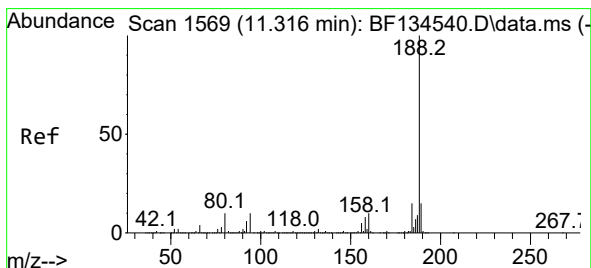
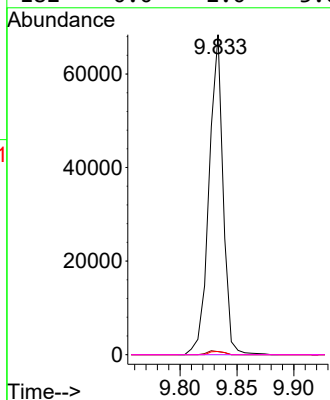
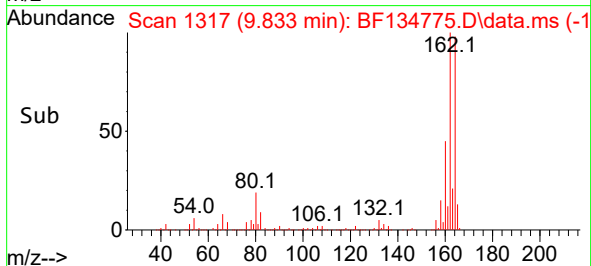


#57
2,4-Dinitrotoluene
Concen: 10.124 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134775.D
Acq: 15 Aug 2023 09:05

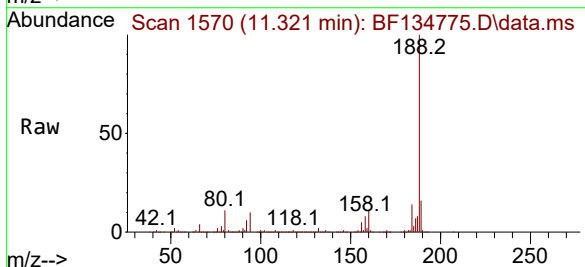
Instrument :
BNA_F
ClientSampleId :
PB154767BL



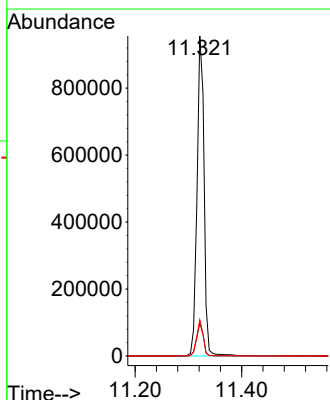
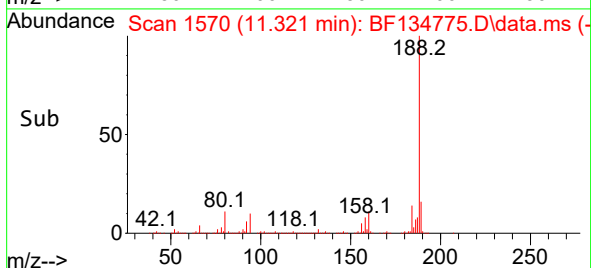
Tgt Ion:165 Resp: 58629
Ion Ratio Lower Upper
165 100
63 1.0 48.9 73.3#
89 1.0 61.7 92.5#
182 0.0 2.0 3.0#

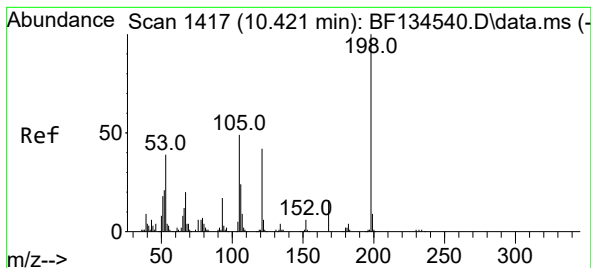


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF134775.D
Acq: 15 Aug 2023 09:05



Tgt Ion:188 Resp: 877780
Ion Ratio Lower Upper
188 100
94 10.3 5.1 7.7#
80 11.3 6.6 9.8#

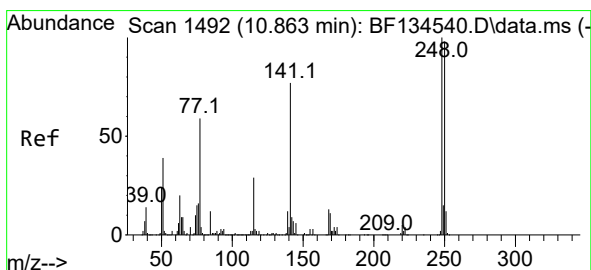
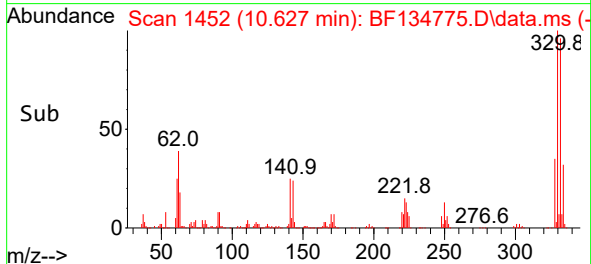
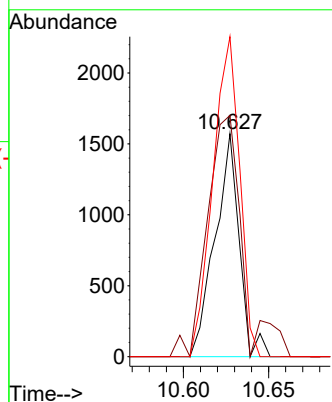
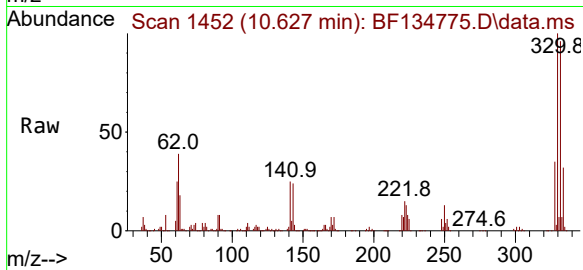




#65
4,6-Dinitro-2-methylphenol
Concen: 9.055 ng
RT: 10.627 min Scan# 1417
Delta R.T. 0.188 min
Lab File: BF134775.D
Acq: 15 Aug 2023 09:05

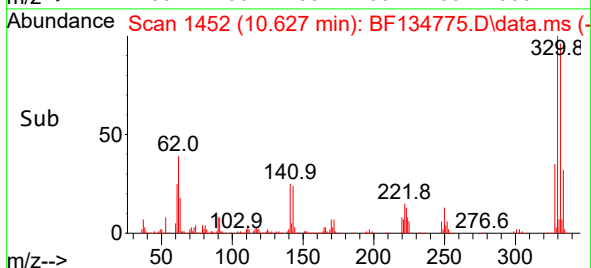
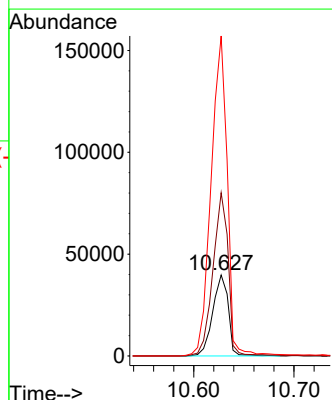
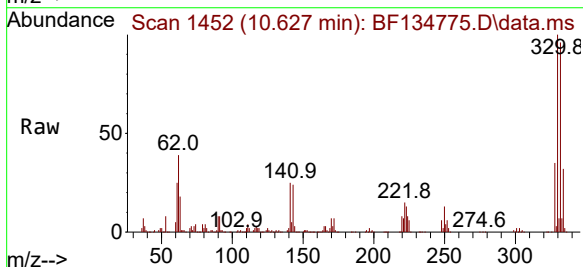
Instrument :
BNA_F
ClientSampleId :
PB154767BL

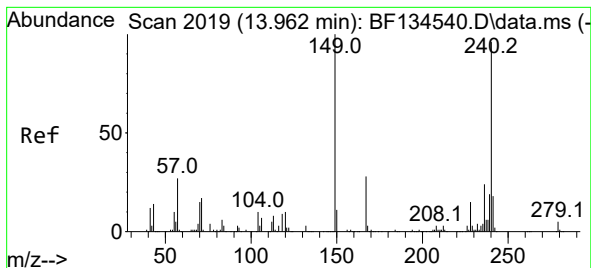
Tgt Ion:198 Resp: 1544
Ion Ratio Lower Upper
198 100
51 108.2 38.6 78.6#
105 143.5 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 4.463 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.241 min
Lab File: BF134775.D
Acq: 15 Aug 2023 09:05

Tgt Ion:248 Resp: 42880
Ion Ratio Lower Upper
248 100
250 201.6 79.6 119.4#
141 395.3 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF134775.D

Acq: 15 Aug 2023 09:05

Instrument :

BNA_F

ClientSampleId :

PB154767BL

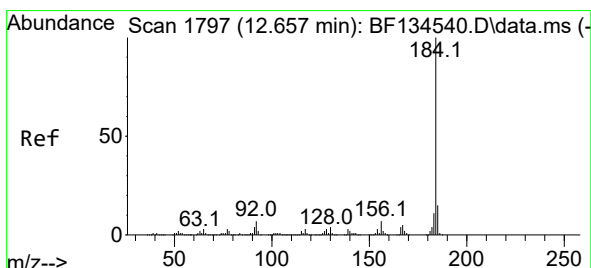
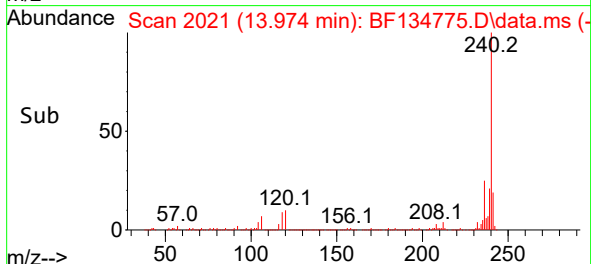
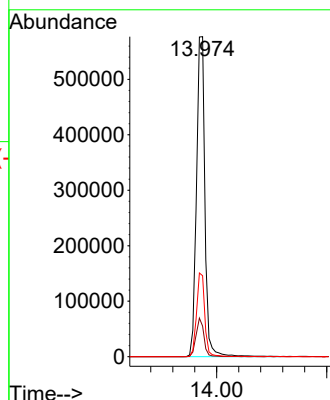
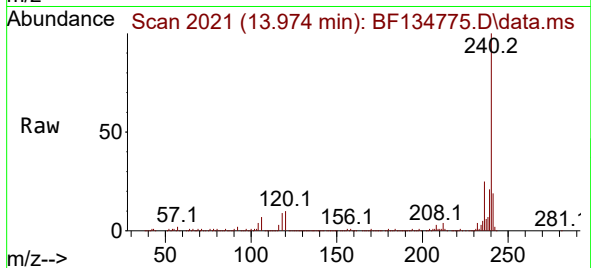
Tgt Ion:240 Resp: 613705

Ion Ratio Lower Upper

240 100

120 9.5 6.6 10.0

236 25.3 20.2 30.2



#77

Benzidine

Concen: 2.624 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.265 min

Lab File: BF134775.D

Acq: 15 Aug 2023 09:05

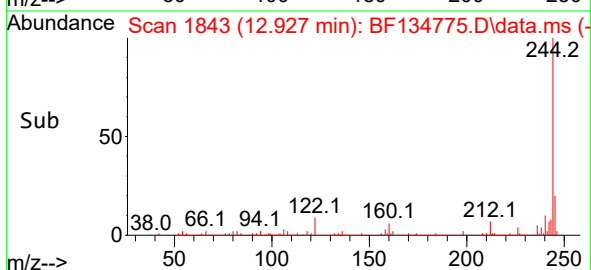
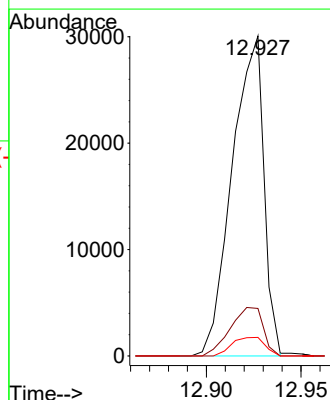
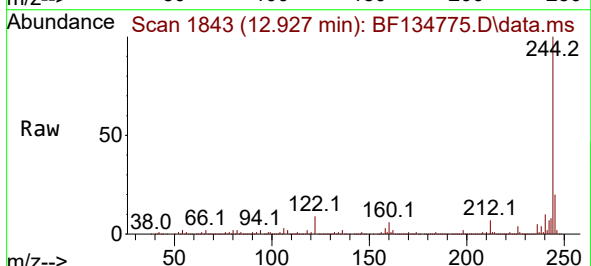
Tgt Ion:184 Resp: 34952

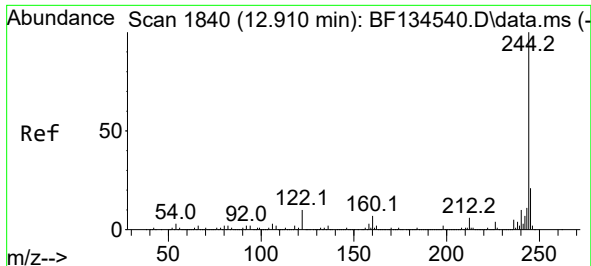
Ion Ratio Lower Upper

184 100

185 14.9 11.2 16.8

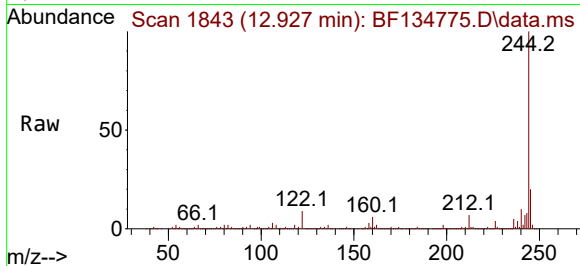
183 5.8 8.6 13.0#



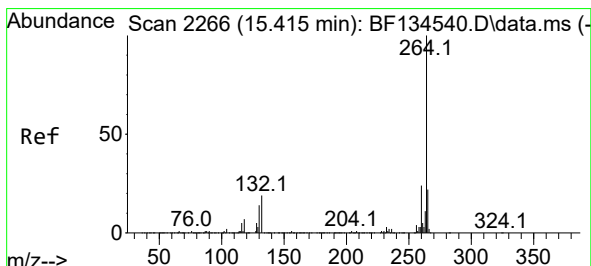
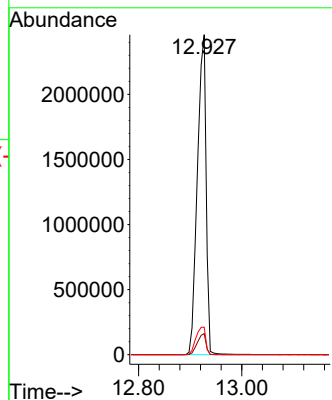
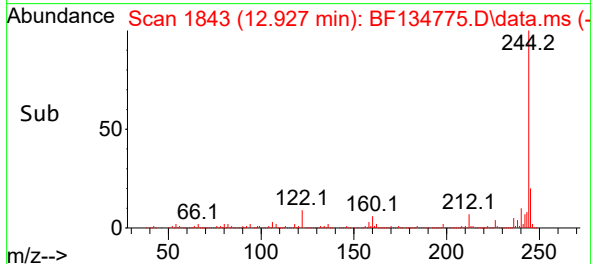


#79
 Terphenyl-d14
 Concen: 82.961 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF134775.D
 Acq: 15 Aug 2023 09:05

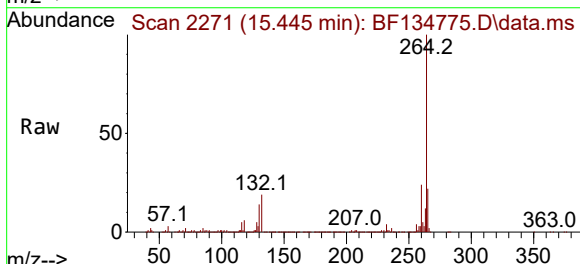
Instrument :
 BNA_F
 ClientSampleId :
 PB154767BL



Tgt Ion:244 Resp: 2888126
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 8.6 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF134775.D
 Acq: 15 Aug 2023 09:05



Tgt Ion:264 Resp: 481121
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 22.4 15.8 23.8

