

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134545.D
 Acq On : 01 Aug 2023 13:23
 Operator : CG\JU
 Sample : PB154403BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 02:42:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

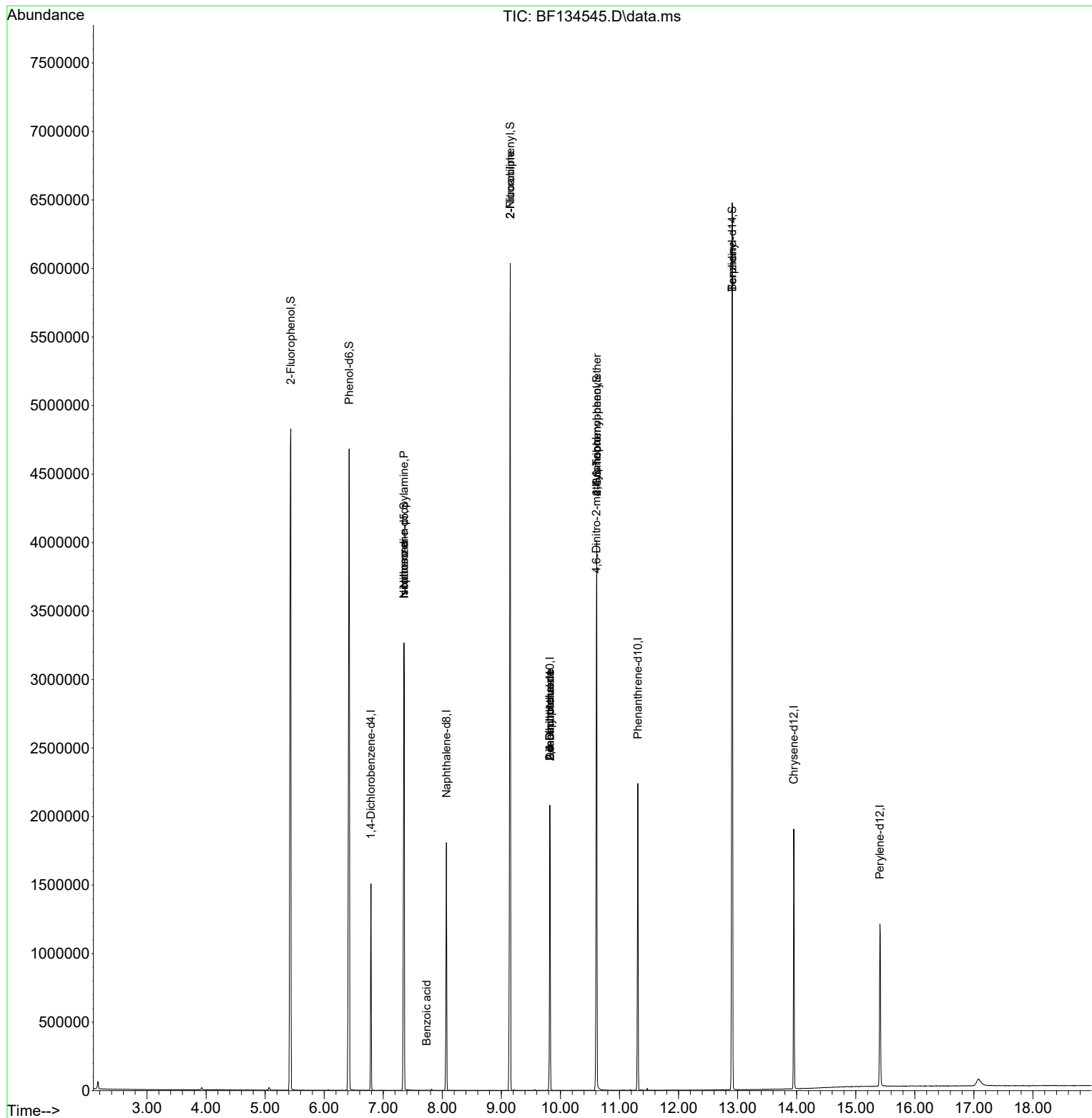
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	193009	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	773216	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	400727	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	752713	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	592221	20.000	ng	#-0.01
86) Perylene-d12	15.409	264	543668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1607672	126.617	ng	0.02
7) Phenol-d6	6.422	99	2055763	126.658	ng	0.00
23) Nitrobenzene-d5	7.351	82	1239363	100.168	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	551423	134.986	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2160598	89.647	ng	0.00
79) Terphenyl-d14	12.910	244	2608718	77.654	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.422	77	3009	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.351	70	165491	17.030	ng	# 76
25) Isophorone	7.351	82	1238476	45.892	ng	# 65
32) Benzoic acid	7.734	122	433	7.913	ng	# 82
48) 2-Nitroaniline	9.151	65	3813	3.655	ng	# 1
50) Dimethylphthalate	9.822	163	79033	2.894	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	51225	11.173	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	51225	9.979	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.610	198	1242	9.033	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	34339	4.167	ng	# 1
77) Benzidine	12.910	184	31401	2.443	ng	# 90

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

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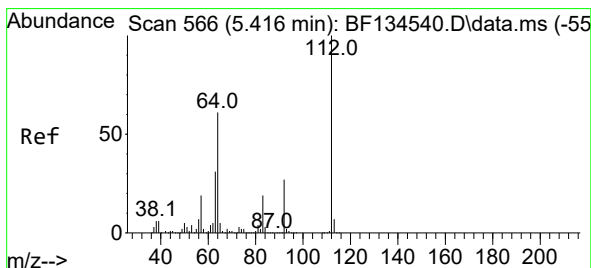
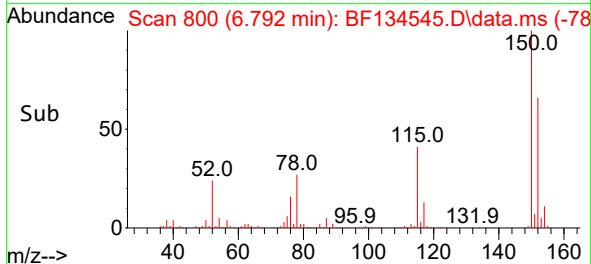
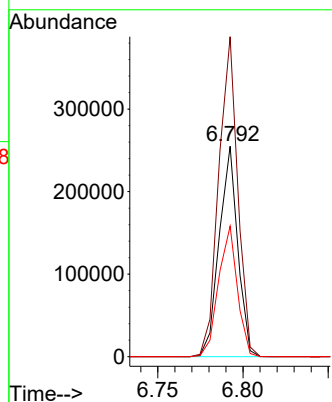
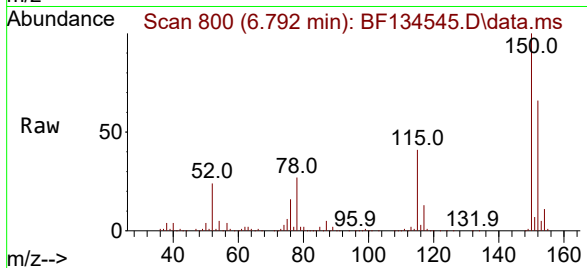




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134545.D
Acq: 01 Aug 2023 13:23

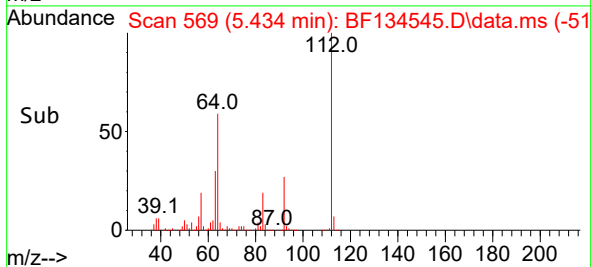
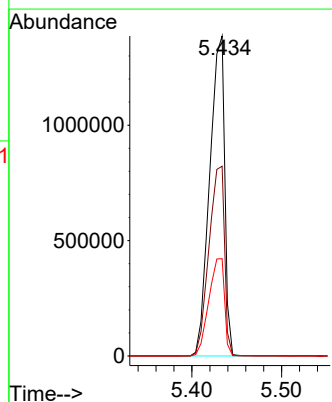
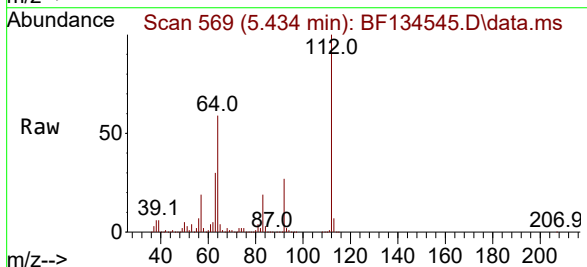
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 193009
Ion Ratio Lower Upper
152 100
150 152.1 128.3 192.5
115 62.1 52.4 78.6



#5
2-Fluorophenol
Concen: 126.617 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.018 min
Lab File: BF134545.D
Acq: 01 Aug 2023 13:23

Tgt Ion:112 Resp: 1607672
Ion Ratio Lower Upper
112 100
64 59.3 44.9 67.3
63 30.4 25.4 38.0

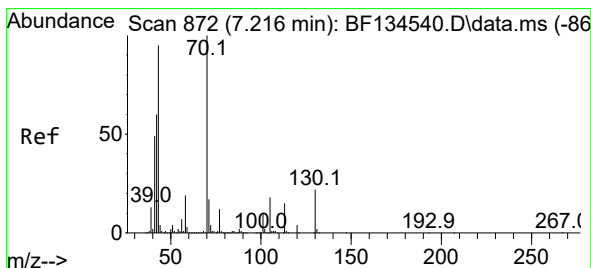
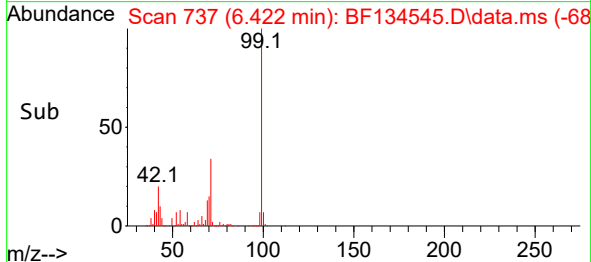
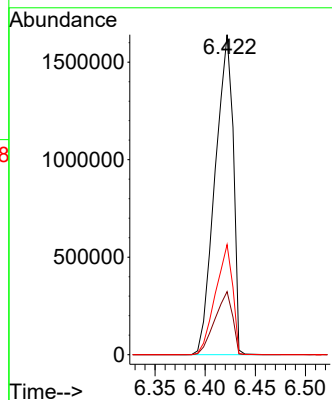
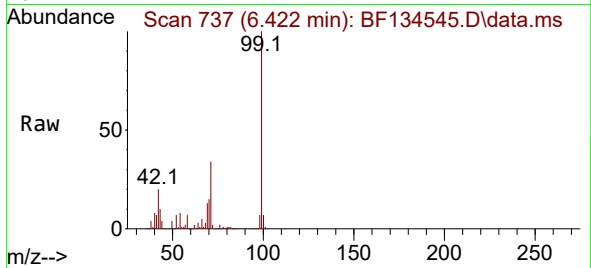




#7
Phenol-d6
Concen: 126.658 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134545.D
Acq: 01 Aug 2023 13:23

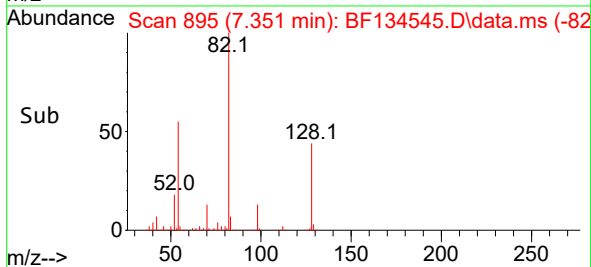
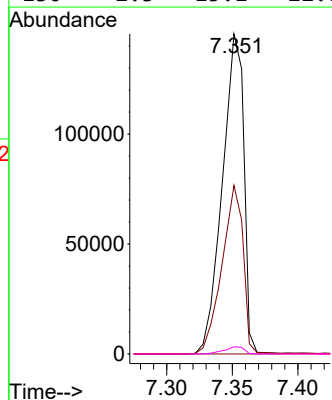
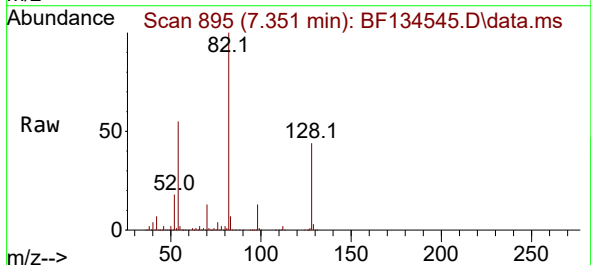
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2055763
Ion Ratio Lower Upper
99 100
42 19.7 18.7 28.1
71 34.4 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 17.030 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134545.D
Acq: 01 Aug 2023 13:23

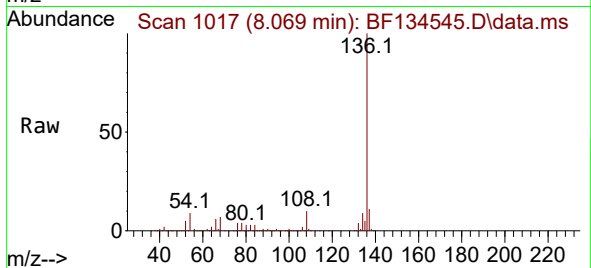
Tgt Ion: 70 Resp: 165491
Ion Ratio Lower Upper
70 100
42 52.7 54.7 82.1#
101 0.0 8.2 12.2#
130 2.3 15.1 22.7#



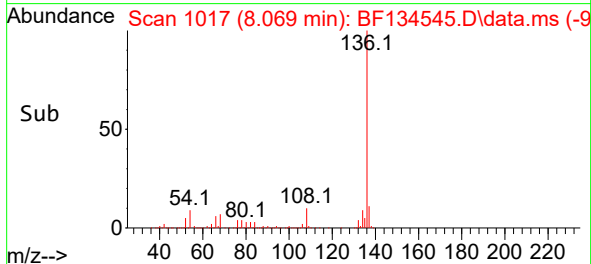
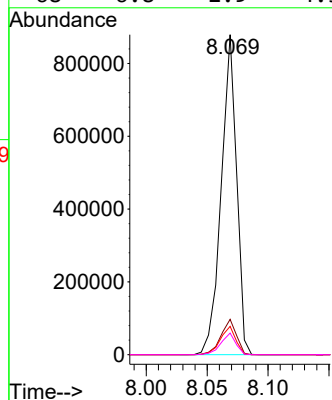


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134545.D
Acq: 01 Aug 2023 13:23

Instrument :
BNA_F
ClientSampleId :

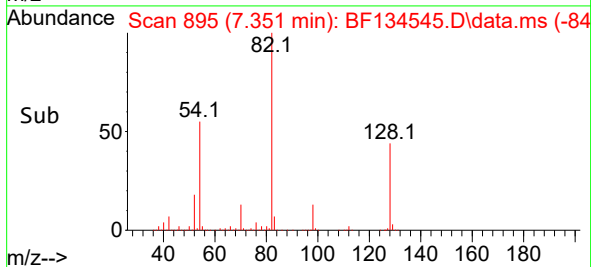
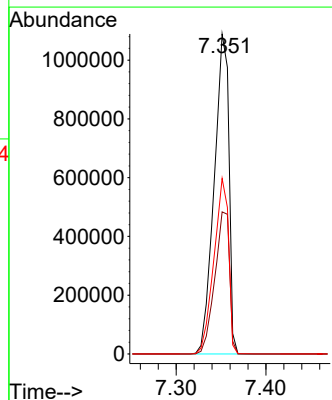
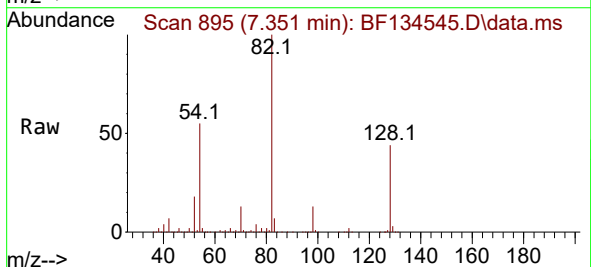


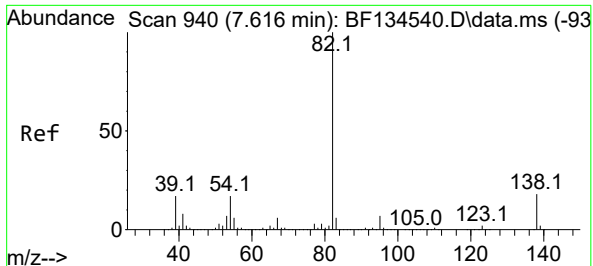
Tgt Ion:136 Resp: 773216
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.9 5.2 7.8#
68 6.8 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 100.168 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134545.D
Acq: 01 Aug 2023 13:23

Tgt Ion: 82 Resp: 1239363
Ion Ratio Lower Upper
82 100
128 44.4 34.3 51.5
54 54.9 43.8 65.6

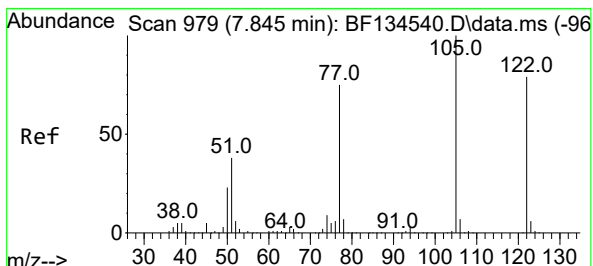
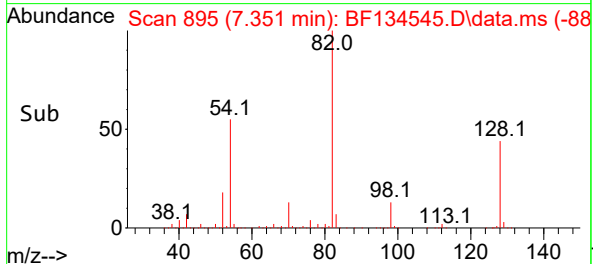
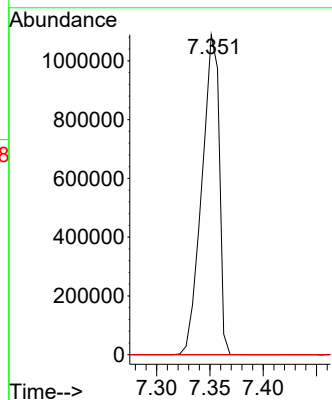
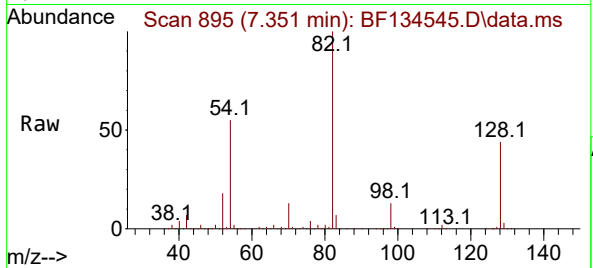




#25
Isophorone
Concen: 45.892 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF134545.D
Acq: 01 Aug 2023 13:23

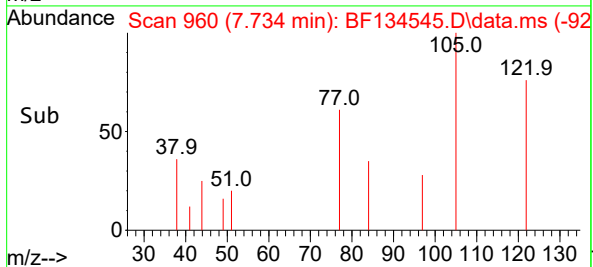
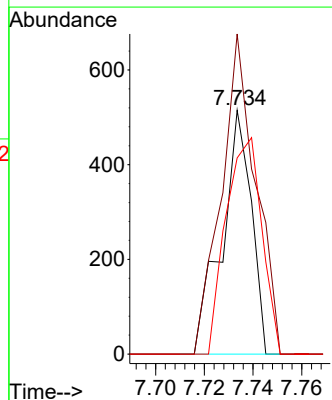
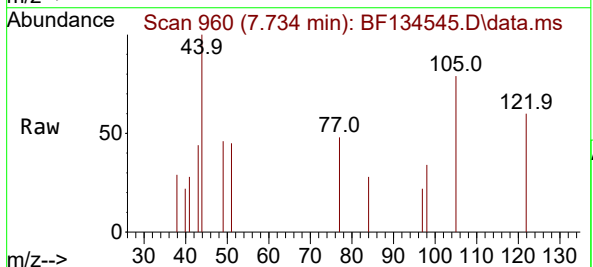
Instrument :
BNA_F
ClientSampleId :

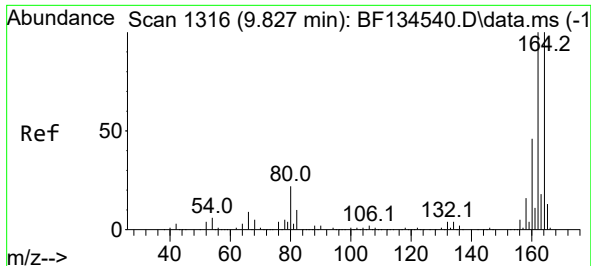
Tgt Ion: 82 Resp: 1238476
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.913 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.111 min
Lab File: BF134545.D
Acq: 01 Aug 2023 13:23

Tgt Ion: 122 Resp: 433
Ion Ratio Lower Upper
122 100
105 131.3 87.5 127.5#
77 80.4 71.4 111.4

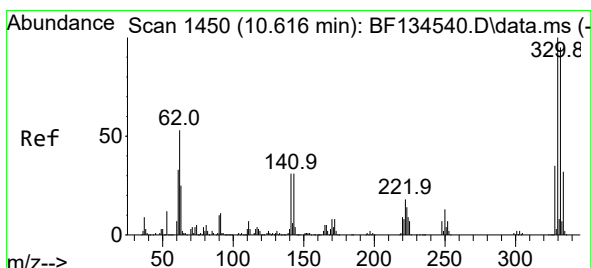
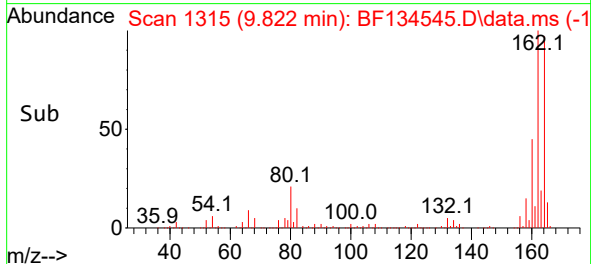
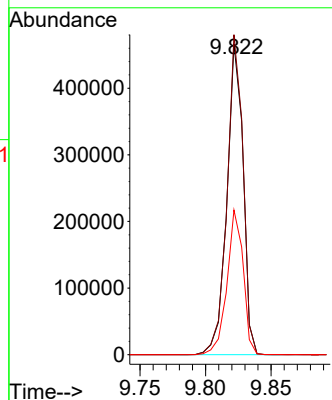
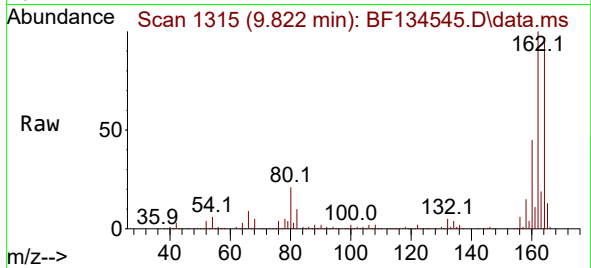




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134545.D
Acq: 01 Aug 2023 13:23

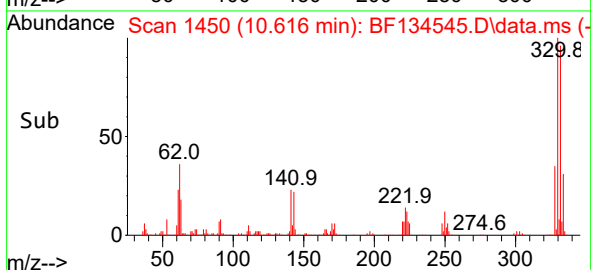
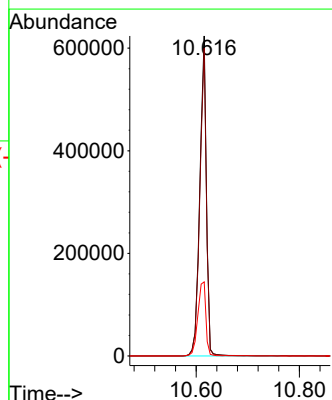
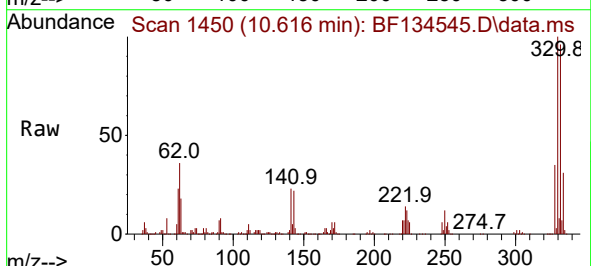
Instrument :
BNA_F
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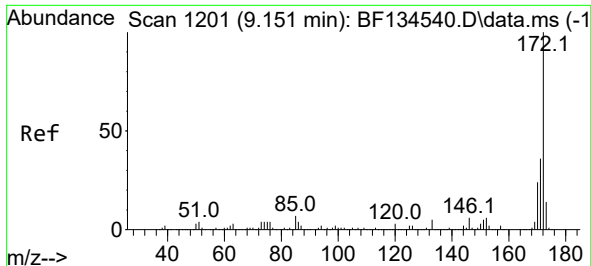
Tgt Ion:164 Resp: 400727
Ion Ratio Lower Upper
164 100
162 102.9 82.6 123.8
160 46.5 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 134.986 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF134545.D
Acq: 01 Aug 2023 13:23

Tgt Ion:330 Resp: 551423
Ion Ratio Lower Upper
330 100
332 95.9 78.8 118.2
141 28.4 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 89.647 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

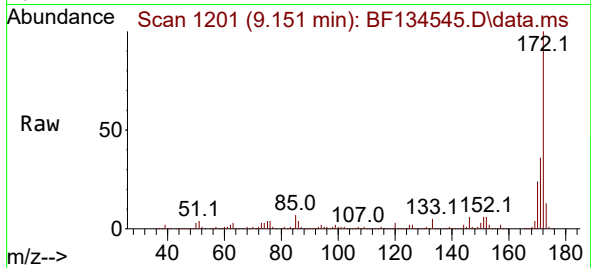
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Acq: 01 Aug 2023 13:23

Instrument :

BNA_F

ClientSampleId :



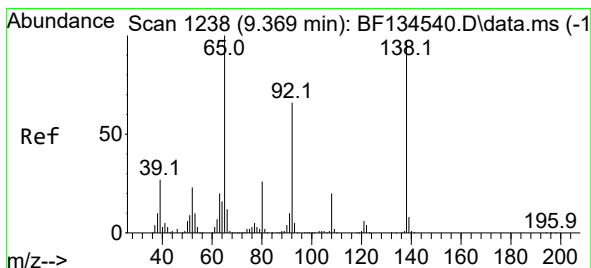
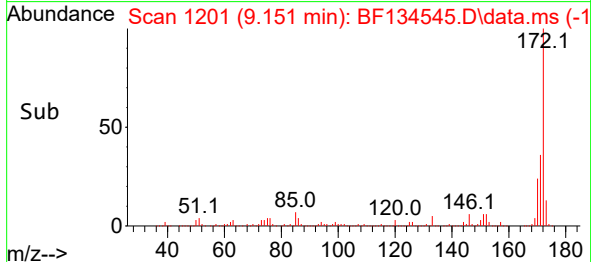
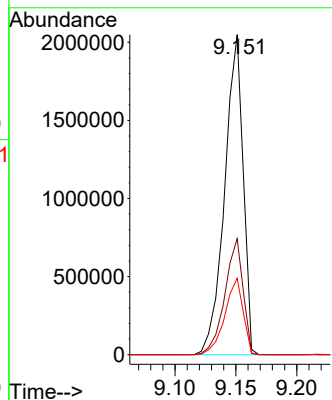
Tgt Ion:172 Resp: 2160598

Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 23.9 18.7 28.1



#48

2-Nitroaniline

Concen: 3.655 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.218 min

Lab File: BF134545.D

Acq: 01 Aug 2023 13:23

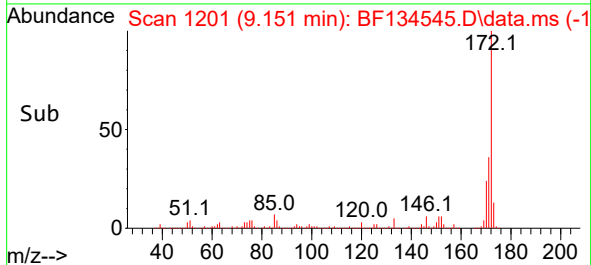
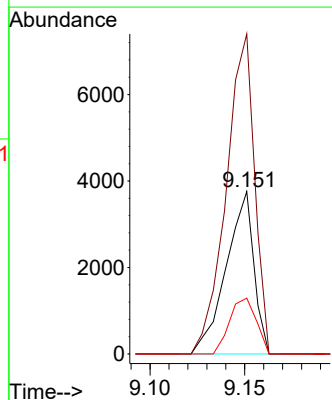
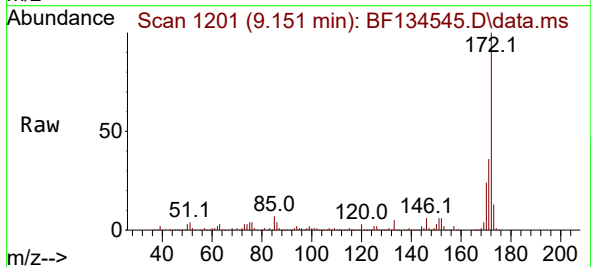
Tgt Ion: 65 Resp: 3813

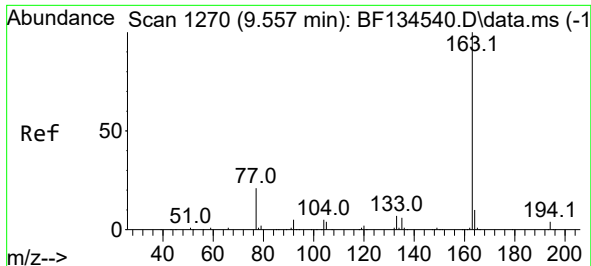
Ion Ratio Lower Upper

65 100

92 197.0 50.7 76.1#

138 34.4 78.2 117.4#

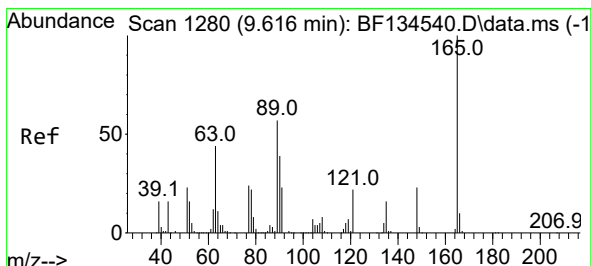
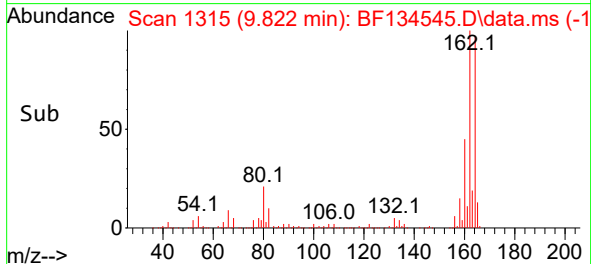
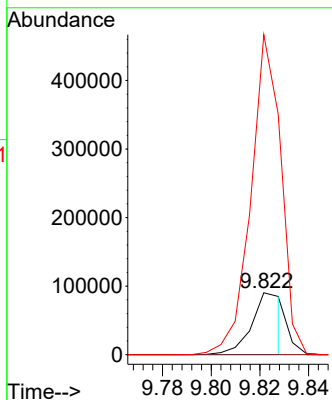
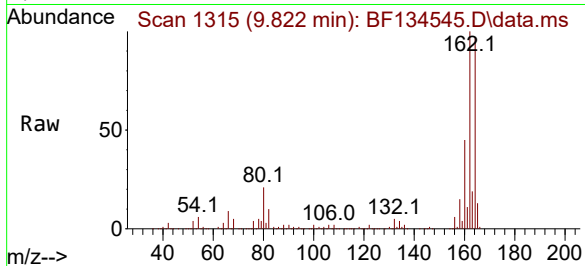




#50
Dimethylphthalate
Concen: 2.894 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF134545.D
Acq: 01 Aug 2023 13:23

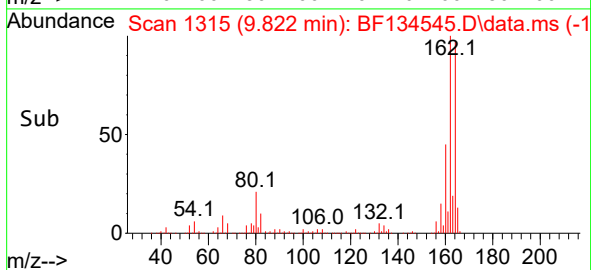
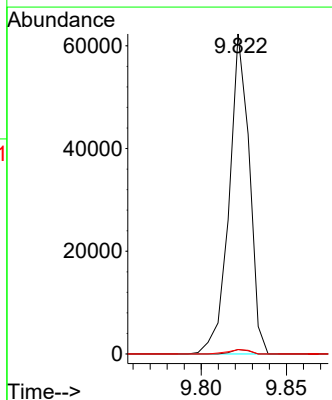
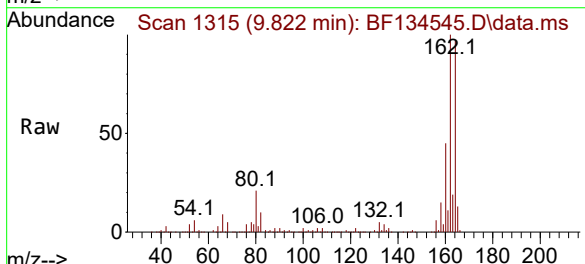
Instrument :
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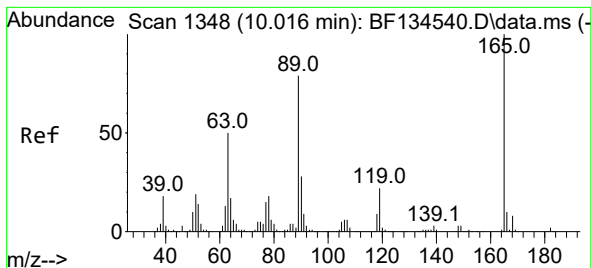
Tgt Ion:163 Resp: 79033
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 516.8 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.173 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF134545.D
Acq: 01 Aug 2023 13:23

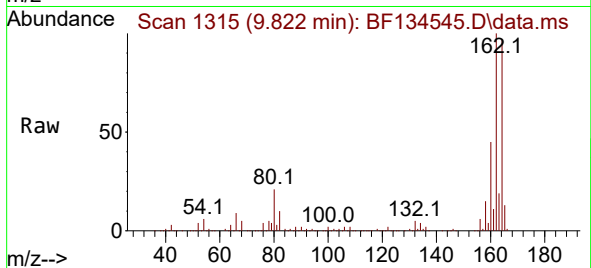
Tgt Ion:165 Resp: 51225
Ion Ratio Lower Upper
165 100
63 1.4 57.8 86.6#
89 1.4 51.8 77.8#



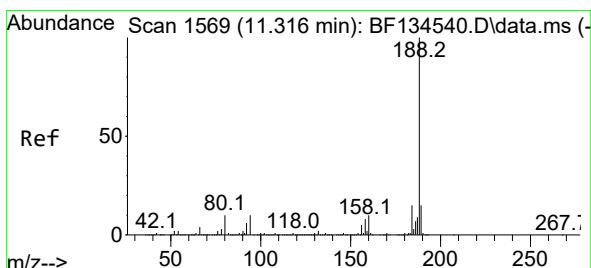
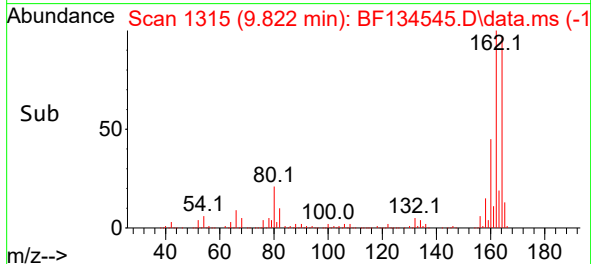
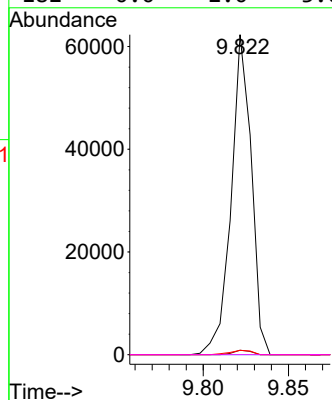


#57
2,4-Dinitrotoluene
Concen: 9.979 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134545.D
Acq: 01 Aug 2023 13:23

Instrument :
BNA_F
ClientSampleId :

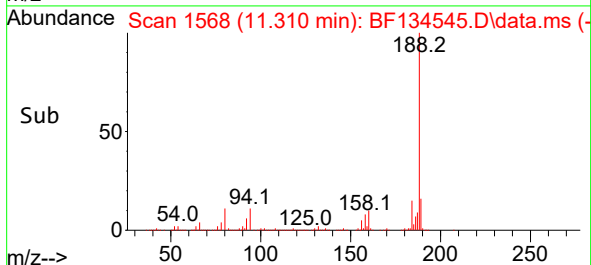
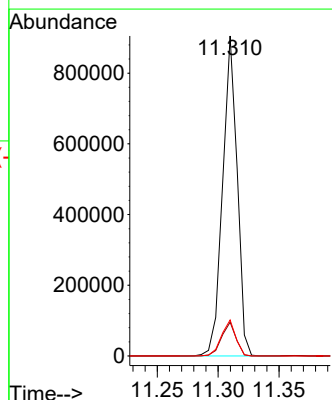
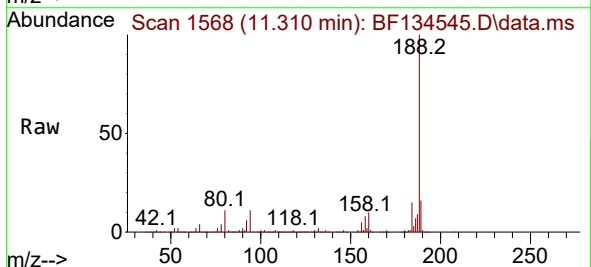


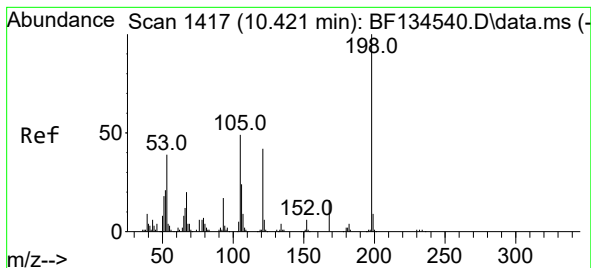
Tgt Ion:165 Resp: 51225
Ion Ratio Lower Upper
165 100
63 1.4 48.9 73.3#
89 1.4 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF134545.D
Acq: 01 Aug 2023 13:23

Tgt Ion:188 Resp: 752713
Ion Ratio Lower Upper
188 100
94 10.6 5.1 7.7#
80 11.2 6.6 9.8#

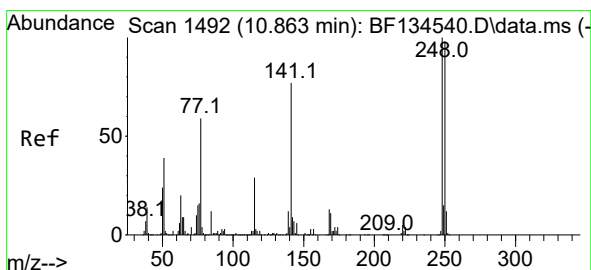
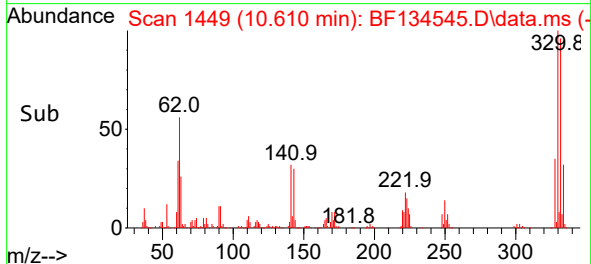
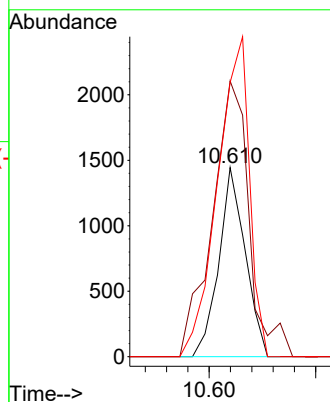
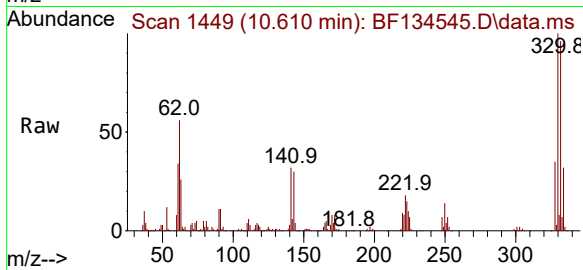




#65
4,6-Dinitro-2-methylphenol
Concen: 9.033 ng
RT: 10.610 min Scan# 1417
Delta R.T. 0.189 min
Lab File: BF134545.D
Acq: 01 Aug 2023 13:23

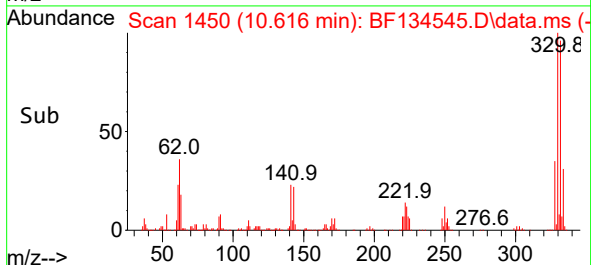
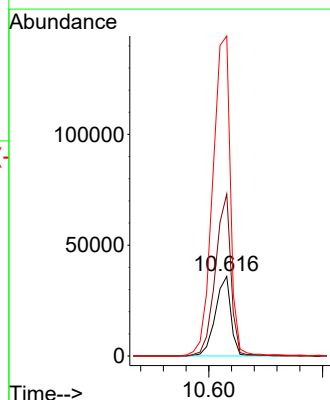
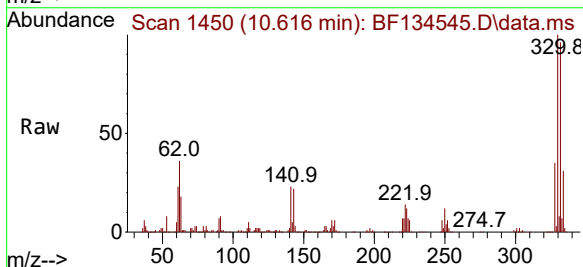
Instrument :
BNA_F
ClientSampleId :

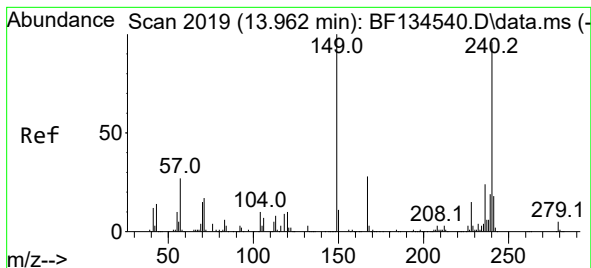
Tgt Ion:198 Resp: 1242
Ion Ratio Lower Upper
198 100
51 145.8 38.6 78.6#
105 145.0 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 4.167 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF134545.D
Acq: 01 Aug 2023 13:23

Tgt Ion:248 Resp: 34339
Ion Ratio Lower Upper
248 100
250 203.5 79.6 119.4#
141 402.1 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF134545.D

Acq: 01 Aug 2023 13:23

Instrument :

BNA_F

ClientSampleId :

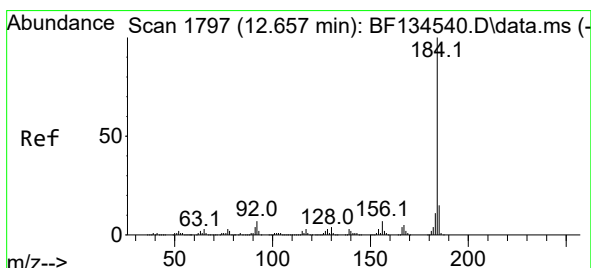
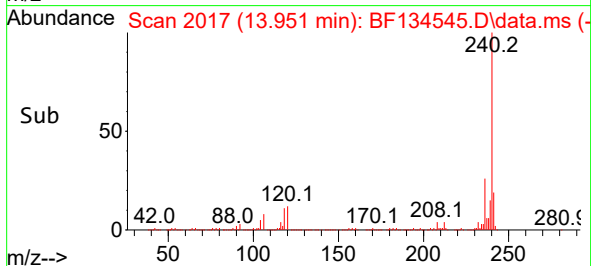
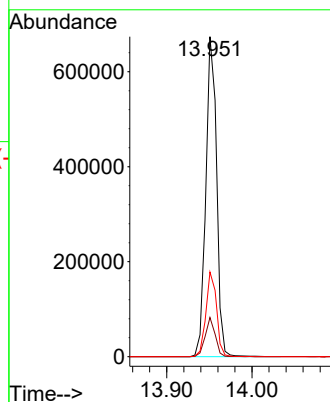
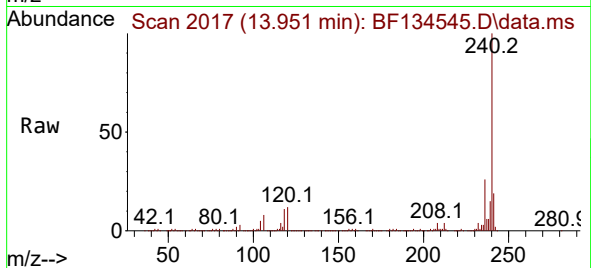
Tgt Ion:240 Resp: 592221

Ion Ratio Lower Upper

240 100

120 12.3 6.6 10.0#

236 26.5 20.2 30.2



#77

Benzidine

Concen: 2.443 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.253 min

Lab File: BF134545.D

Acq: 01 Aug 2023 13:23

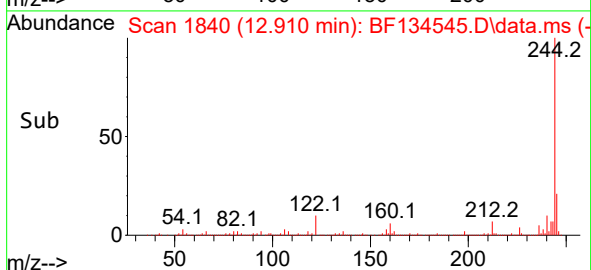
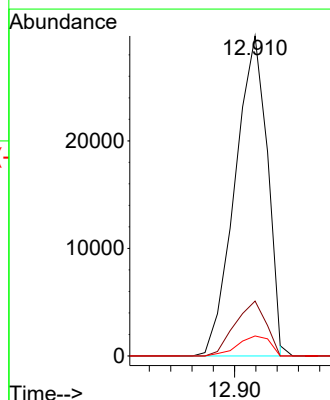
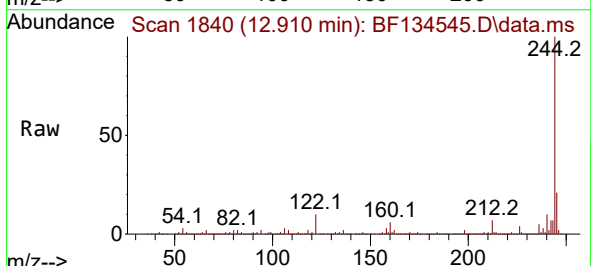
Tgt Ion:184 Resp: 31401

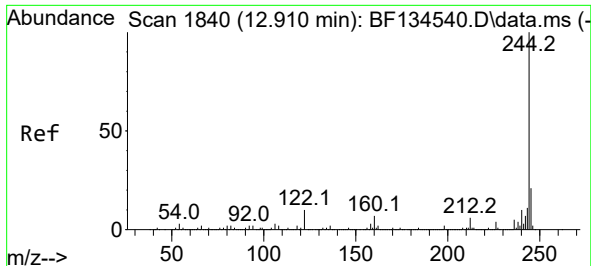
Ion Ratio Lower Upper

184 100

185 17.2 11.2 16.8#

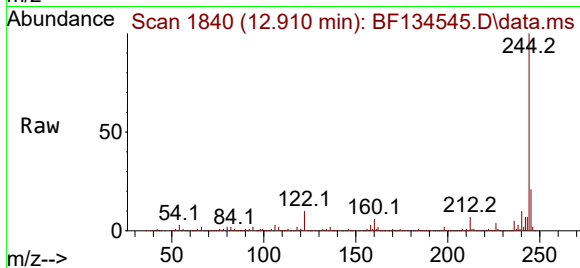
183 6.3 8.6 13.0#



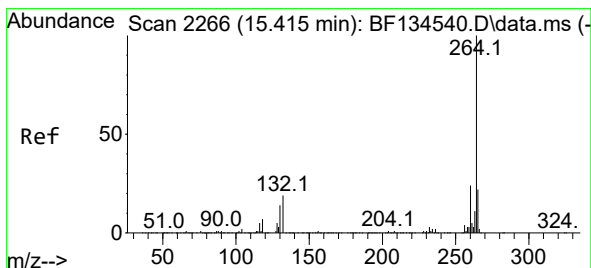
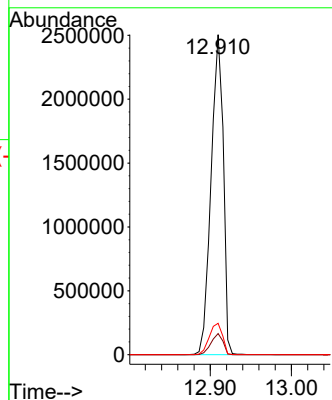
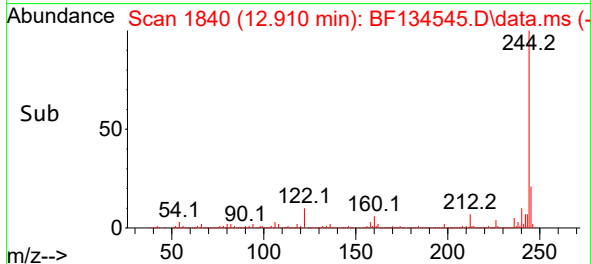


#79
 Terphenyl-d14
 Concen: 77.654 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF134545.D
 Acq: 01 Aug 2023 13:23

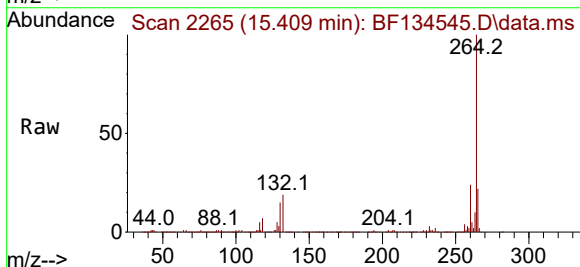
Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 2608718
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 9.8 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. -0.006 min
 Lab File: BF134545.D
 Acq: 01 Aug 2023 13:23



Tgt Ion:264 Resp: 543668
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.9 15.8 23.8

