

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
 Data File : BF134643.D
 Acq On : 07 Aug 2023 09:12
 Operator : CG\JU
 Sample : PB154530BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154530BL

Quant Time: Aug 08 01:18:57 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

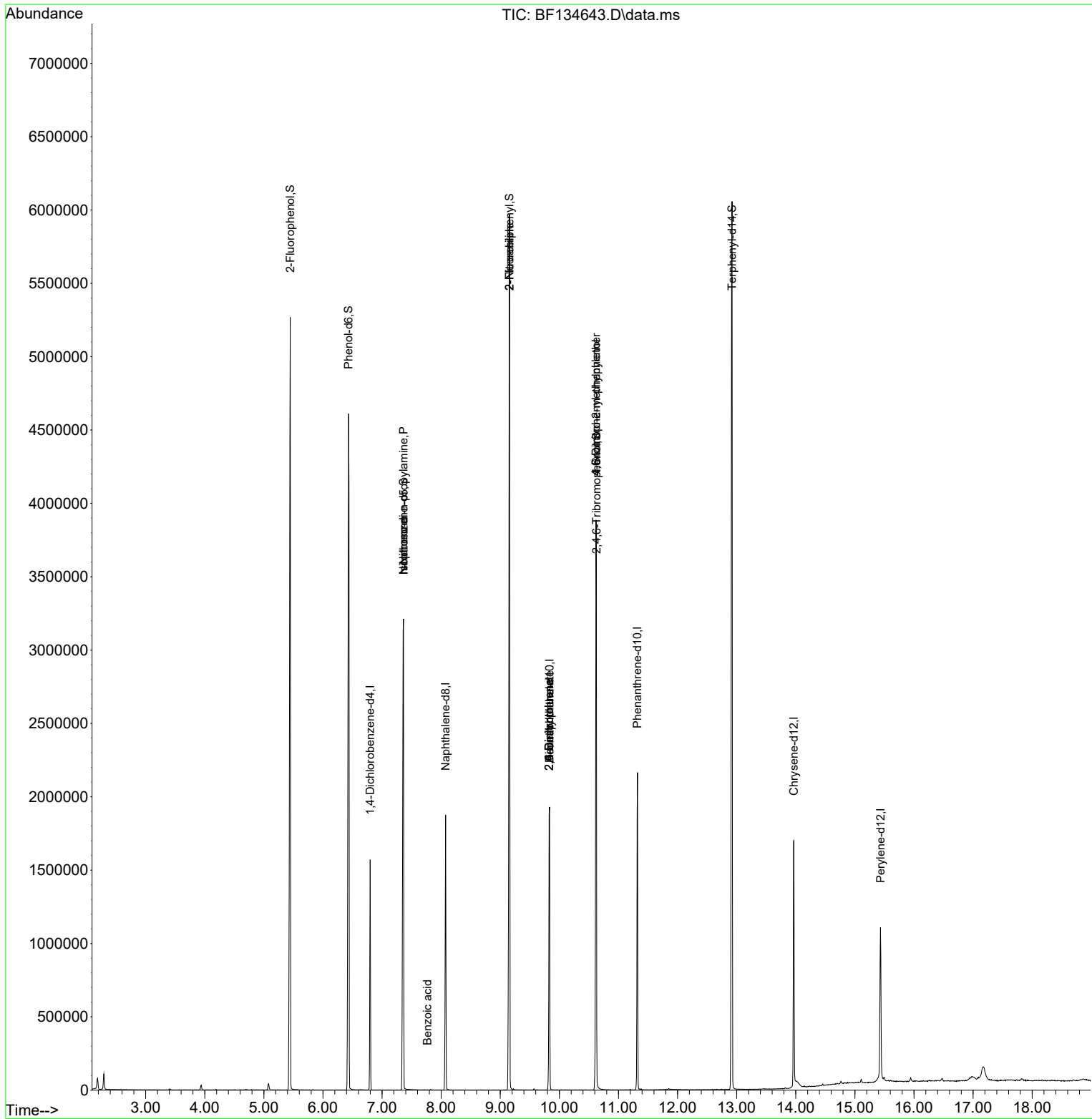
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

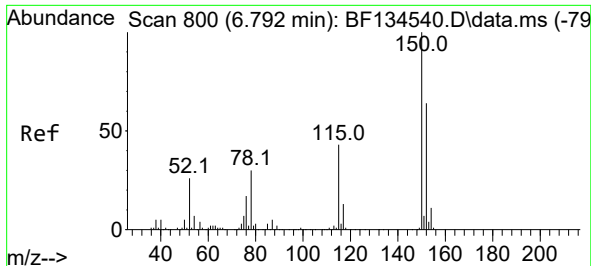
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	204994	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	822333	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	417850	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	778323	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	600261	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	497126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1640648	121.660	ng	0.02
7) Phenol-d6	6.434	99	2119969	122.977	ng	0.00
23) Nitrobenzene-d5	7.363	82	1327686	100.897	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	596160	139.957	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2191928	87.220	ng	0.00
79) Terphenyl-d14	12.921	244	2596653	76.259	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	3392	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.363	70	177921	17.238	ng	# 73
25) Isophorone	7.363	82	1311237	45.686	ng	# 65
32) Benzoic acid	7.769	122	305	7.898	ng	# 81
48) 2-Nitroaniline	9.157	65	3834	3.638	ng	# 1
50) Dimethylphthalate	9.833	163	89175	3.131	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	54148	11.293	ng	# 17
57) 2,4-Dinitrotoluene	9.827	165	54148	10.077	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.621	198	1065	8.976	ng	# 1
67) 4-Bromophenyl-phenylether	10.621	248	36629	4.299	ng	# 1

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

PB154530BL

Response via : Initial Calibration

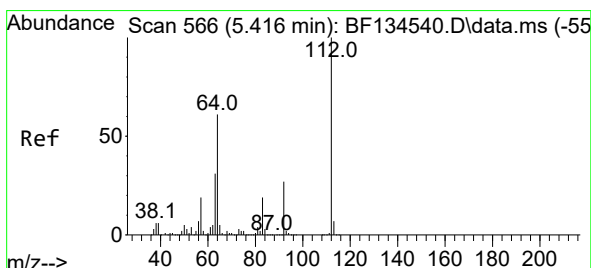
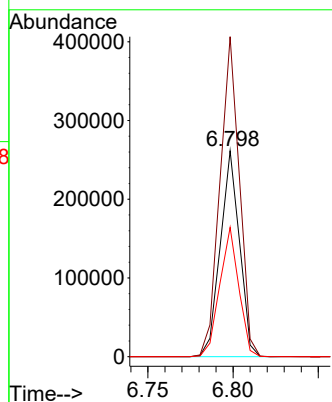
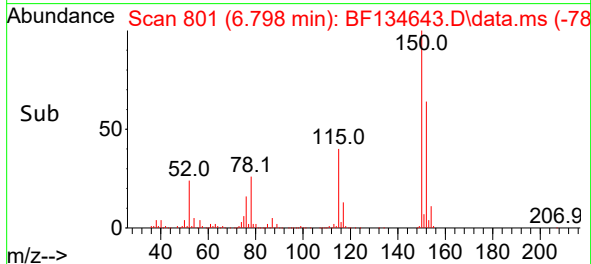
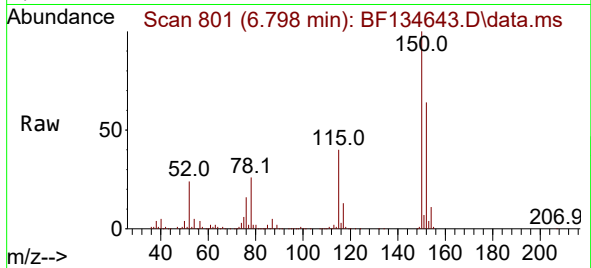




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF134643.D
 Acq: 07 Aug 2023 09:12

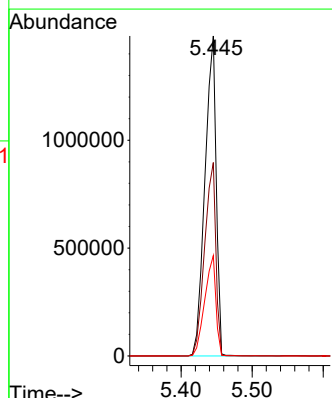
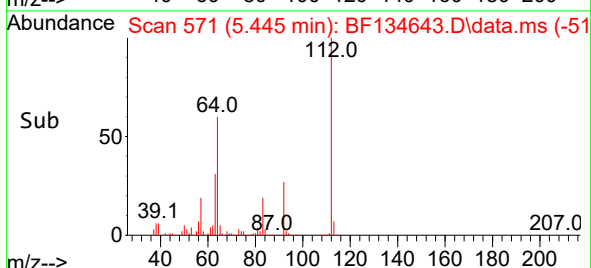
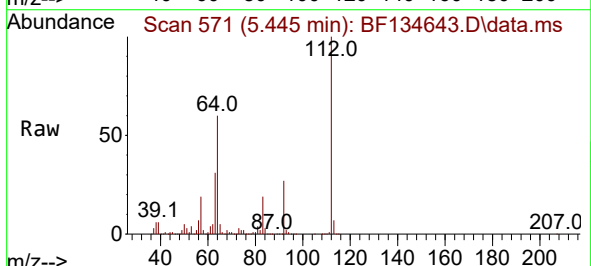
Instrument :
 BNA_F
 ClientSampleId :
 PB154530BL

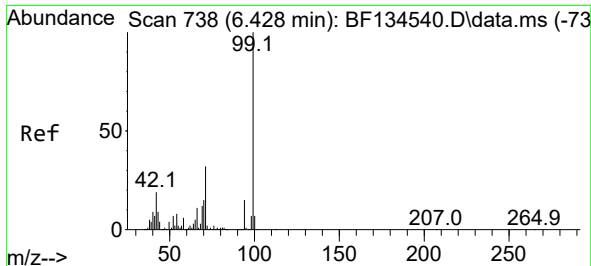
Tgt Ion:152 Resp: 204994
 Ion Ratio Lower Upper
 152 100
 150 155.4 128.3 192.5
 115 62.8 52.4 78.6



#5
 2-Fluorophenol
 Concen: 121.660 ng
 RT: 5.445 min Scan# 571
 Delta R.T. 0.018 min
 Lab File: BF134643.D
 Acq: 07 Aug 2023 09:12

Tgt Ion:112 Resp: 1640648
 Ion Ratio Lower Upper
 112 100
 64 60.5 44.9 67.3
 63 31.3 25.4 38.0

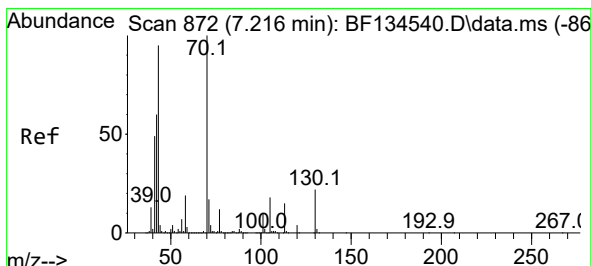
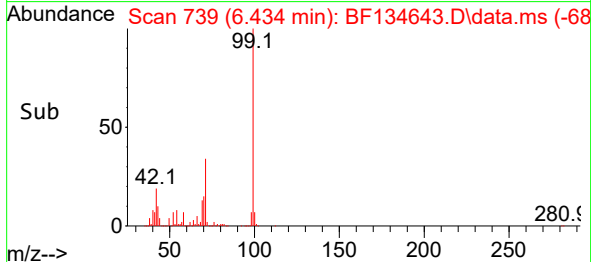
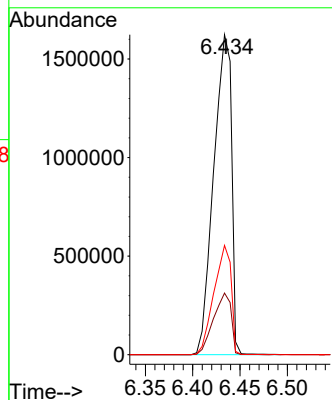
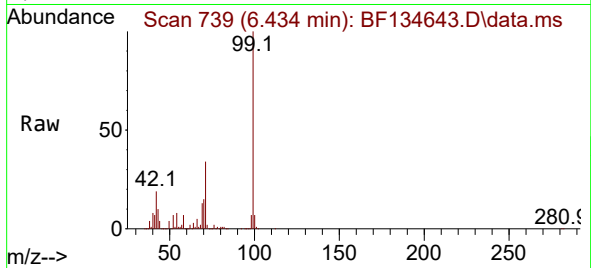




#7
Phenol-d6
Concen: 122.977 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134643.D
Acq: 07 Aug 2023 09:12

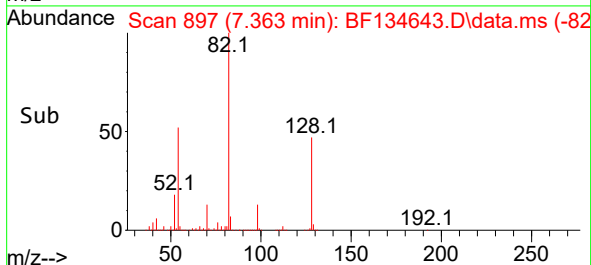
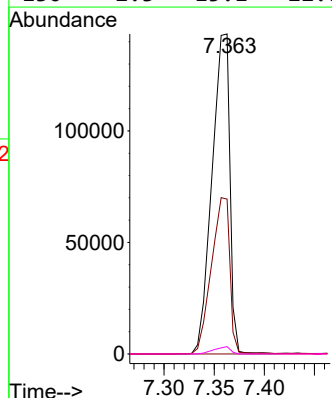
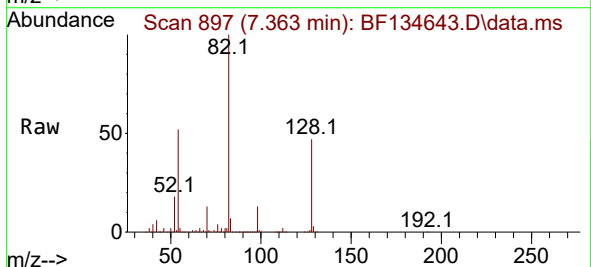
Instrument :
BNA_F
ClientSampleId :
PB154530BL

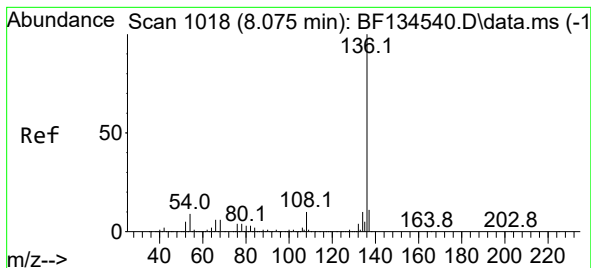
Tgt Ion: 99 Resp: 2119969
Ion Ratio Lower Upper
99 100
42 19.2 18.7 28.1
71 34.2 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 17.238 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF134643.D
Acq: 07 Aug 2023 09:12

Tgt Ion: 70 Resp: 177921
Ion Ratio Lower Upper
70 100
42 48.4 54.7 82.1#
101 0.0 8.2 12.2#
130 2.3 15.1 22.7#

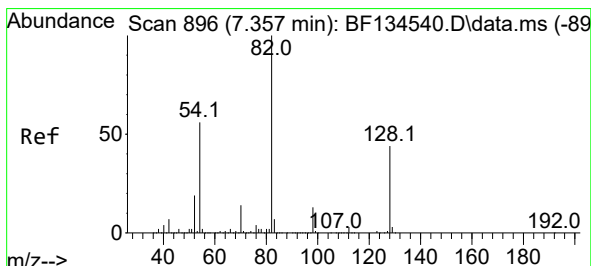
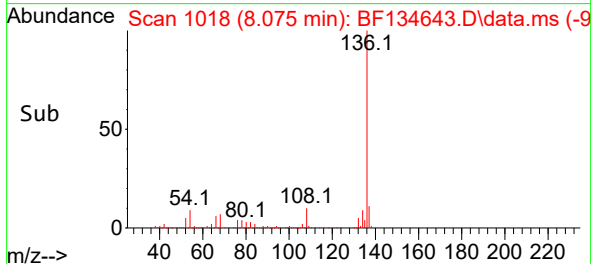
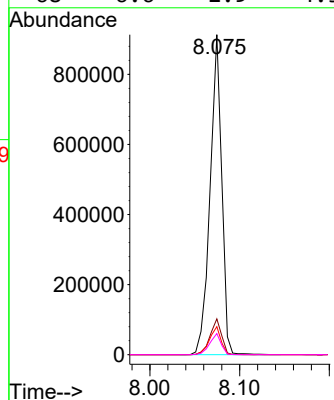
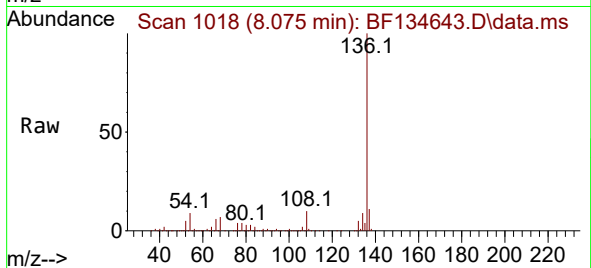




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134643.D
Acq: 07 Aug 2023 09:12

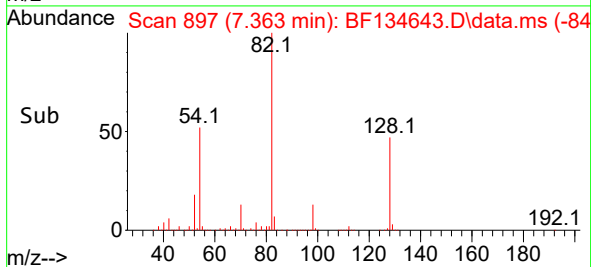
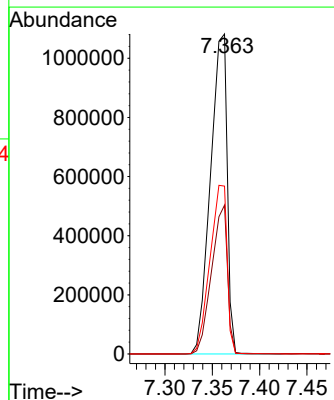
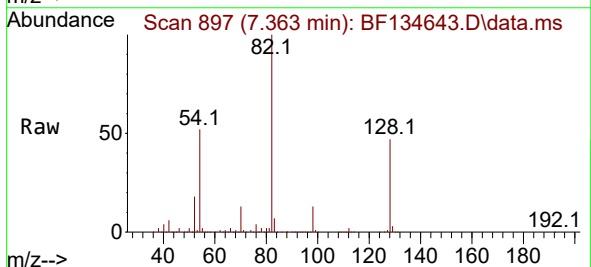
Instrument :
BNA_F
ClientSampleId :
PB154530BL

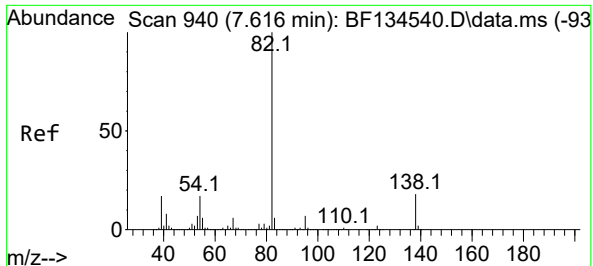
Tgt Ion:136 Resp: 822333
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.7 5.2 7.8#
68 6.6 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 100.897 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF134643.D
Acq: 07 Aug 2023 09:12

Tgt Ion: 82 Resp: 1327686
Ion Ratio Lower Upper
82 100
128 46.5 34.3 51.5
54 52.4 43.8 65.6

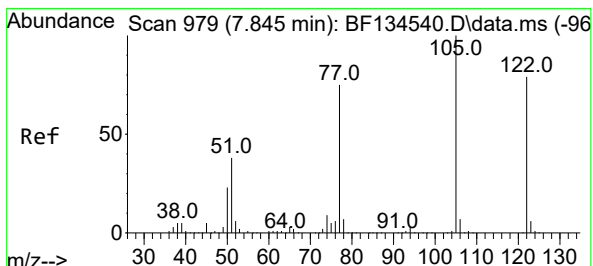
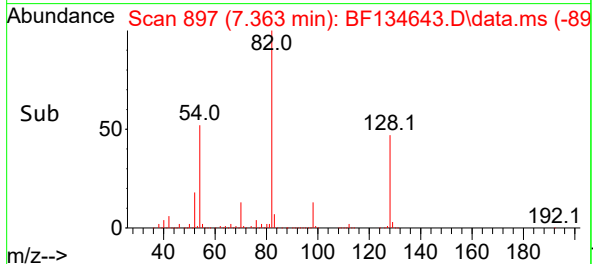
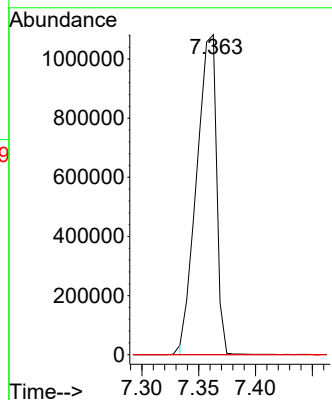
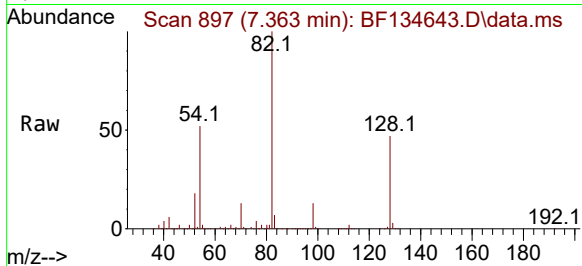




#25
Isophorone
Concen: 45.686 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF134643.D
Acq: 07 Aug 2023 09:12

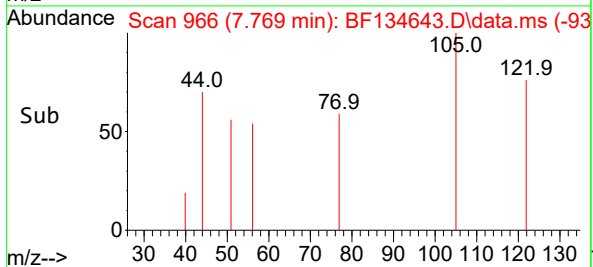
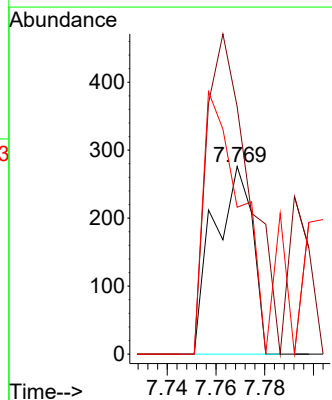
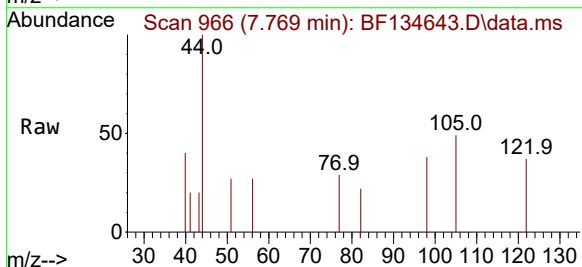
Instrument :
BNA_F
ClientSampleId :
PB154530BL

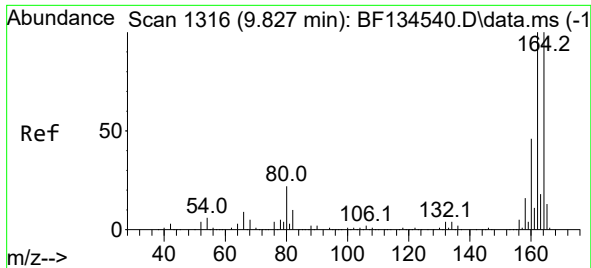
Tgt Ion: 82 Resp: 1311237
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.898 ng
RT: 7.769 min Scan# 966
Delta R.T. -0.094 min
Lab File: BF134643.D
Acq: 07 Aug 2023 09:12

Tgt Ion:122 Resp: 305
Ion Ratio Lower Upper
122 100
105 131.9 87.5 127.5#
77 78.3 71.4 111.4

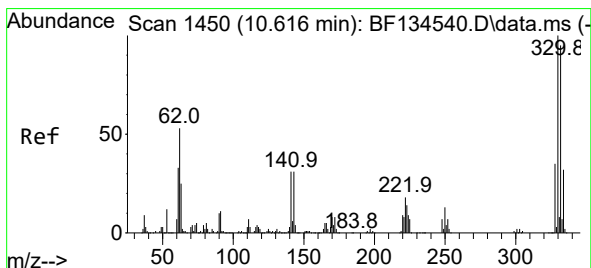
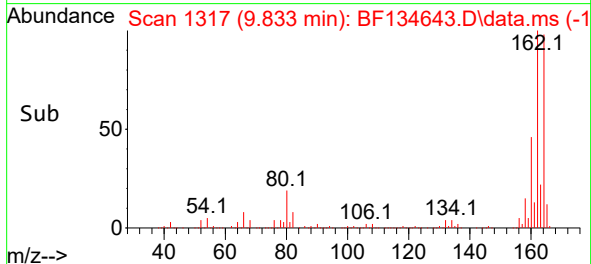
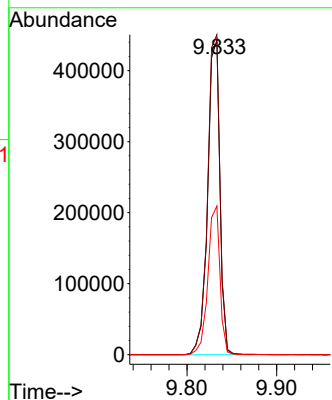
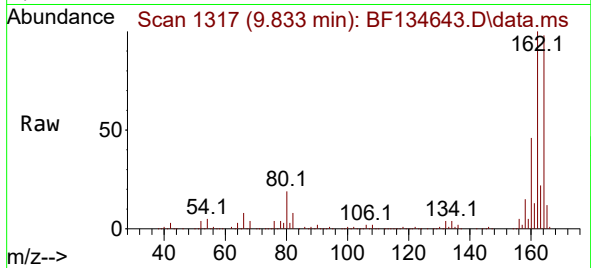




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.833 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF134643.D
 Acq: 07 Aug 2023 09:12

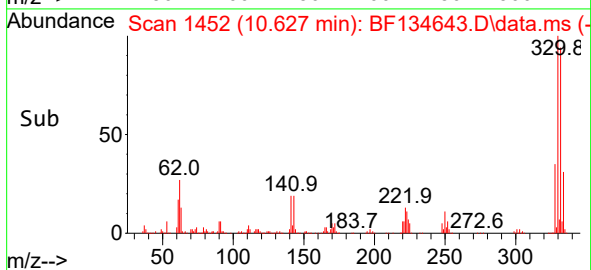
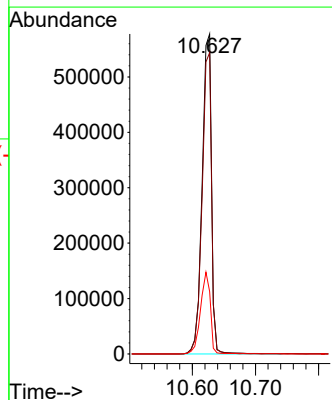
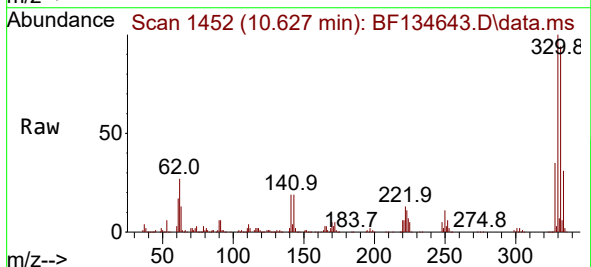
Instrument :
 BNA_F
 ClientSampleId :
 PB154530BL

Tgt Ion:164 Resp: 417850
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.6 123.8
 160 47.3 37.2 55.8



#42
 2,4,6-Tribromophenol
 Concen: 139.957 ng
 RT: 10.627 min Scan# 1452
 Delta R.T. -0.000 min
 Lab File: BF134643.D
 Acq: 07 Aug 2023 09:12

Tgt Ion:330 Resp: 596160
 Ion Ratio Lower Upper
 330 100
 332 94.8 78.8 118.2
 141 26.8 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 87.220 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134643.D

Acq: 07 Aug 2023 09:12

Instrument :

BNA_F

ClientSampleId :

PB154530BL

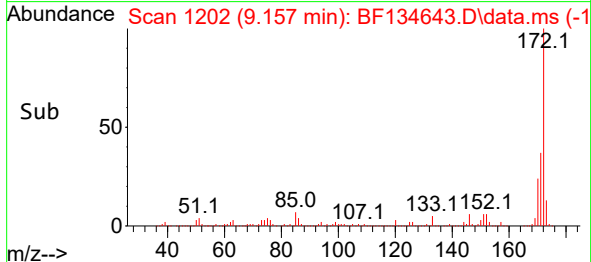
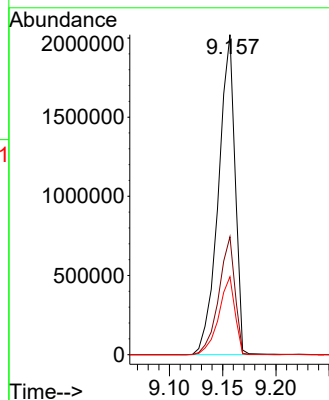
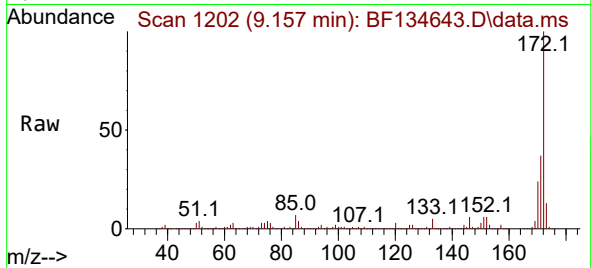
Tgt Ion:172 Resp: 2191928

Ion Ratio Lower Upper

172 100

171 36.9 28.8 43.2

170 24.3 18.7 28.1



#48

2-Nitroaniline

Concen: 3.638 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.224 min

Lab File: BF134643.D

Acq: 07 Aug 2023 09:12

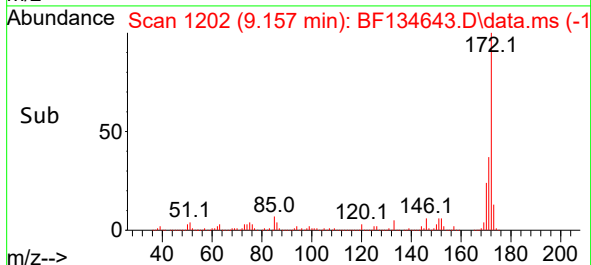
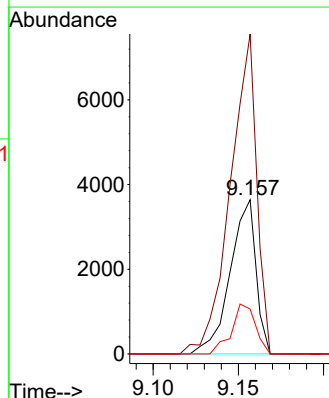
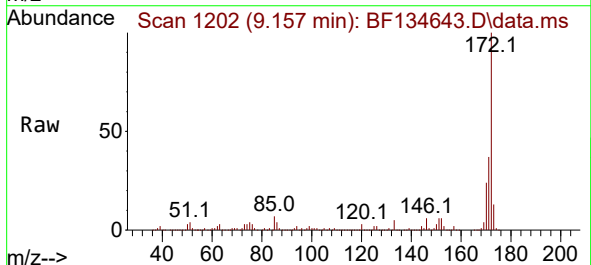
Tgt Ion: 65 Resp: 3834

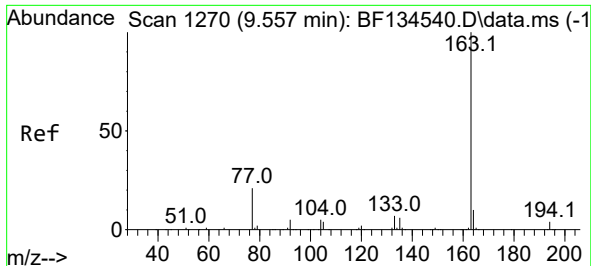
Ion Ratio Lower Upper

65 100

92 207.4 50.7 76.1#

138 29.1 78.2 117.4#

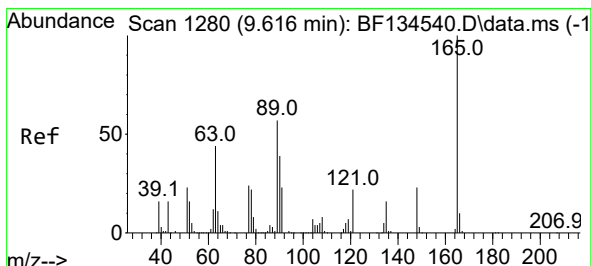
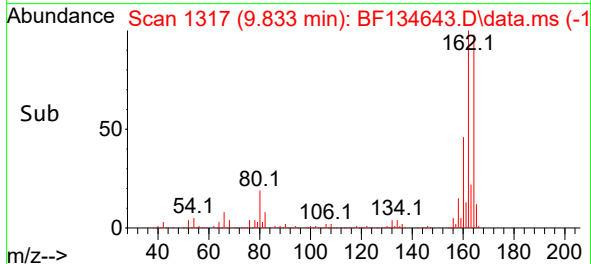
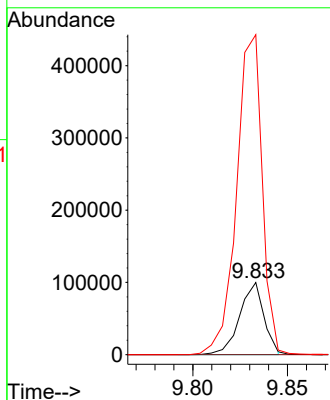
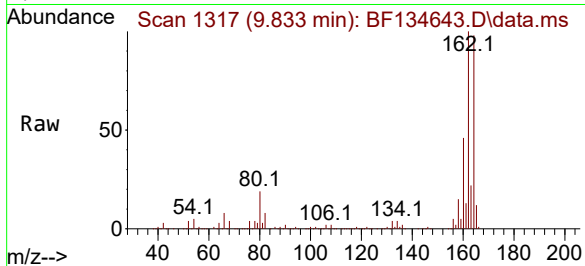




#50
Dimethylphthalate
Concen: 3.131 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134643.D
Acq: 07 Aug 2023 09:12

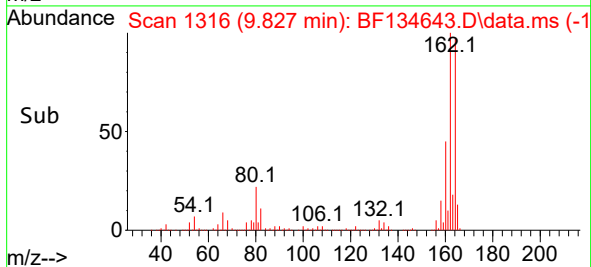
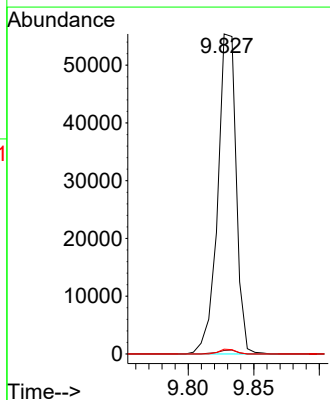
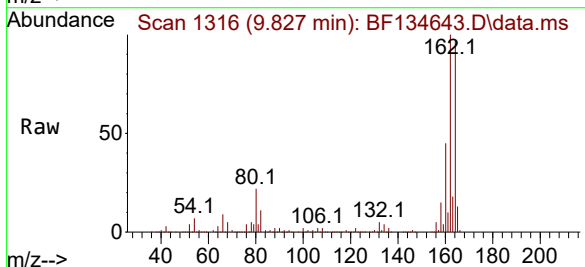
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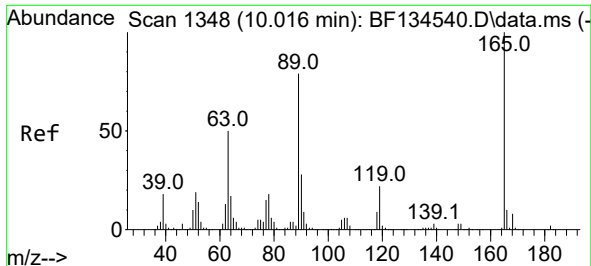
Tgt Ion:163 Resp: 89175
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 443.6 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.293 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF134643.D
Acq: 07 Aug 2023 09:12

Tgt Ion:165 Resp: 54148
Ion Ratio Lower Upper
165 100
63 1.1 57.8 86.6#
89 1.5 51.8 77.8#

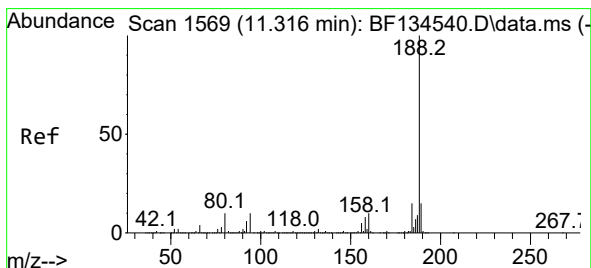
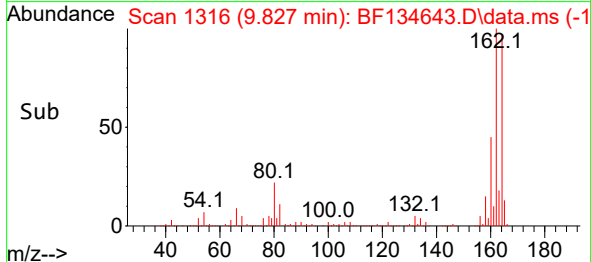
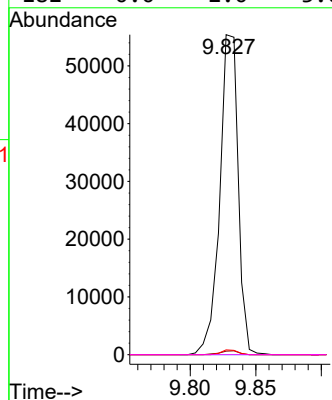
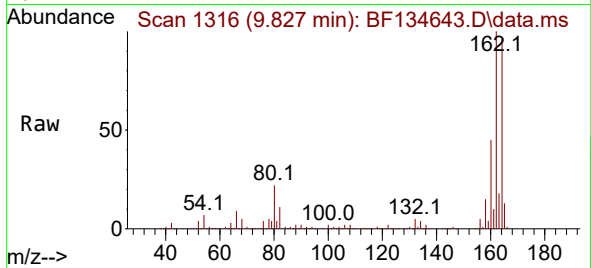




#57
2,4-Dinitrotoluene
Concen: 10.077 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF134643.D
Acq: 07 Aug 2023 09:12

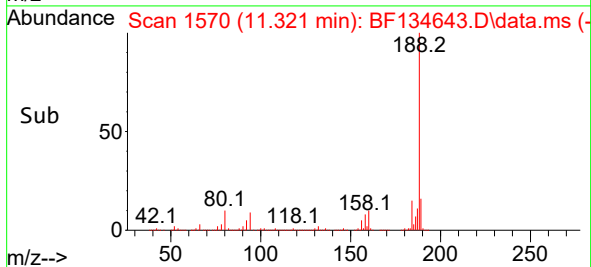
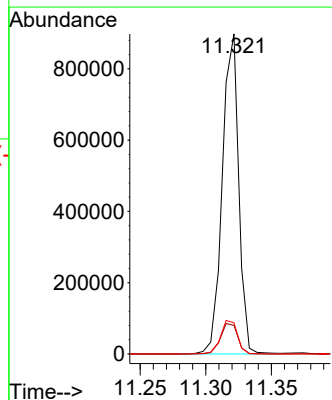
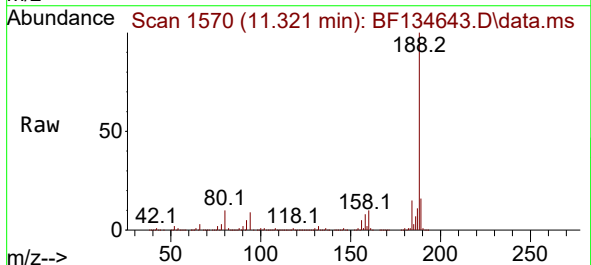
Instrument :
BNA_F
ClientSampleId :
PB154530BL

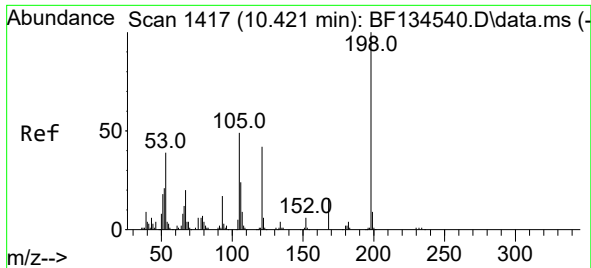
Tgt Ion:165 Resp: 54148
Ion Ratio Lower Upper
165 100
63 1.1 48.9 73.3#
89 1.5 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF134643.D
Acq: 07 Aug 2023 09:12

Tgt Ion:188 Resp: 778323
Ion Ratio Lower Upper
188 100
94 9.0 5.1 7.7#
80 9.8 6.6 9.8

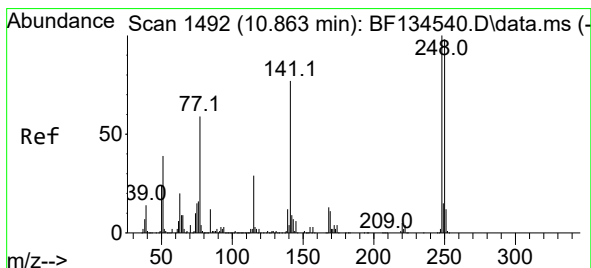
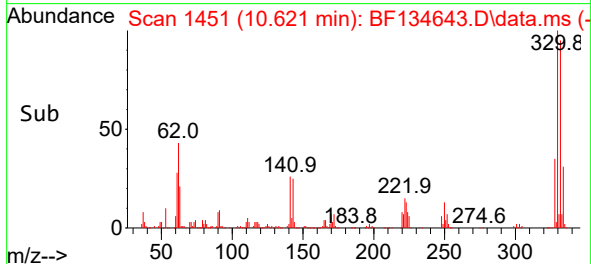
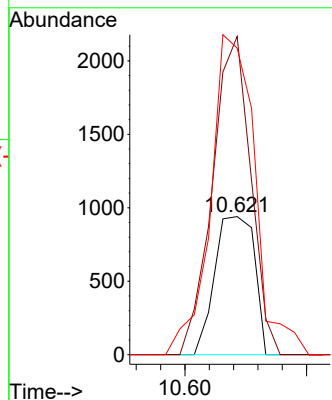
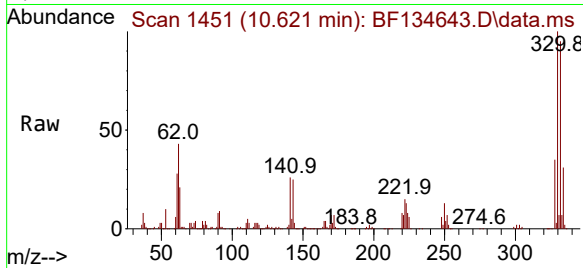




#65
4,6-Dinitro-2-methylphenol
Concen: 8.976 ng
RT: 10.621 min Scan# 1417
Delta R.T. 0.182 min
Lab File: BF134643.D
Acq: 07 Aug 2023 09:12

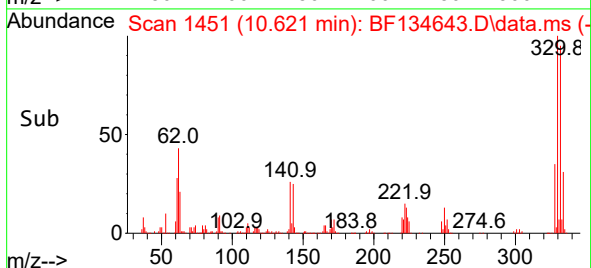
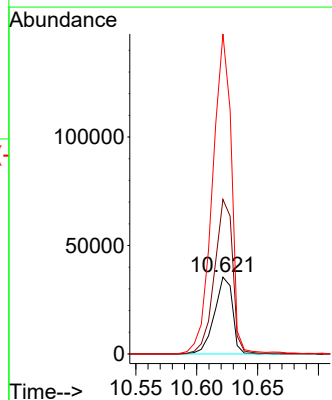
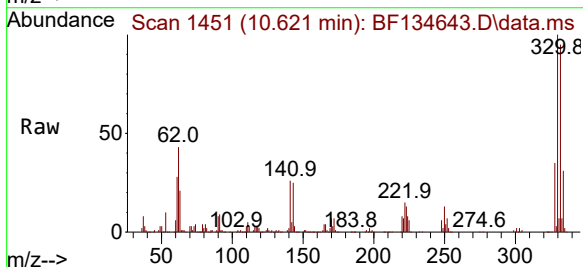
Instrument :
BNA_F
ClientSampleId :
PB154530BL

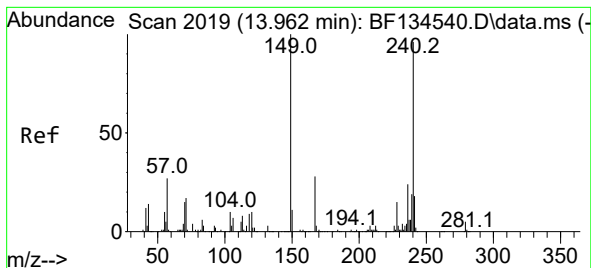
Tgt Ion:198 Resp: 1065
Ion Ratio Lower Upper
198 100
51 230.4 38.6 78.6#
105 222.0 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 4.299 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF134643.D
Acq: 07 Aug 2023 09:12

Tgt Ion:248 Resp: 36629
Ion Ratio Lower Upper
248 100
250 201.4 79.6 119.4#
141 416.9 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134643.D

Acq: 07 Aug 2023 09:12

Instrument :

BNA_F

ClientSampleId :

PB154530BL

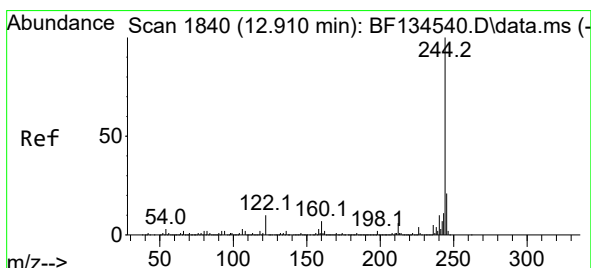
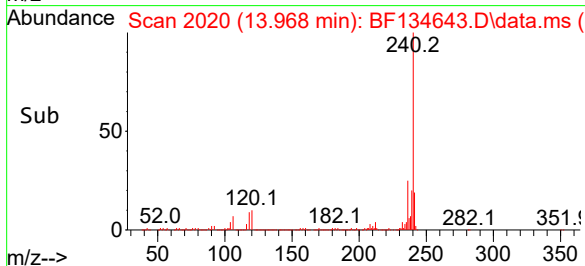
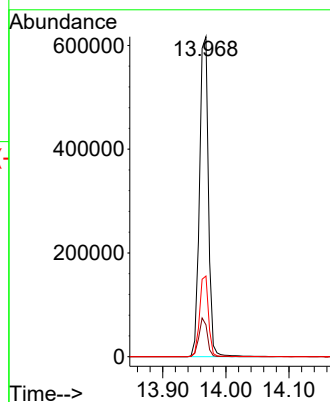
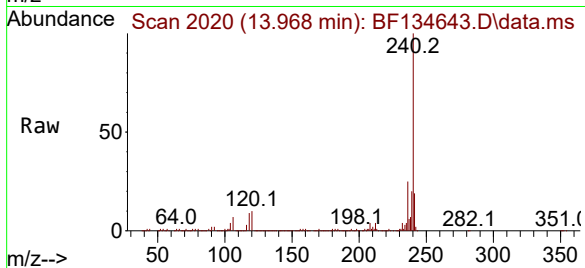
Tgt Ion:240 Resp: 600261

Ion Ratio Lower Upper

240 100

120 10.0 6.6 10.0#

236 25.2 20.2 30.2



#79

Terphenyl-d14

Concen: 76.259 ng

RT: 12.921 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF134643.D

Acq: 07 Aug 2023 09:12

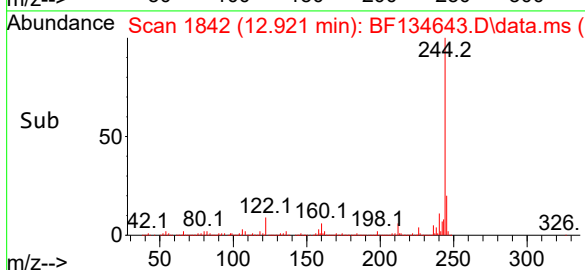
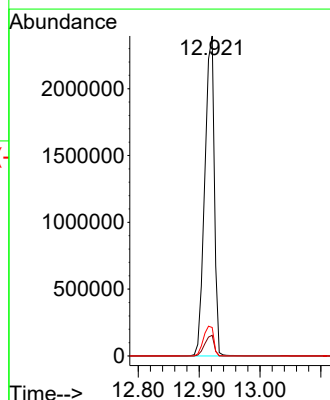
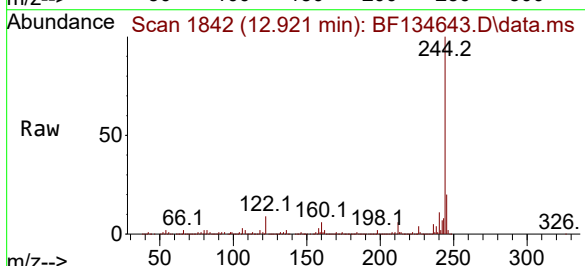
Tgt Ion:244 Resp: 2596653

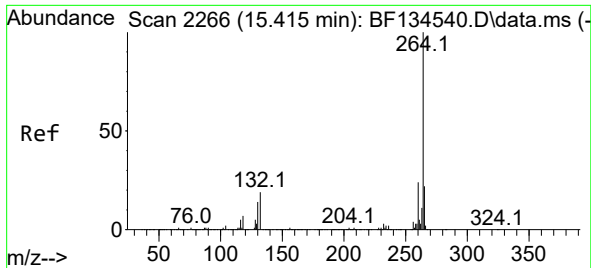
Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

122 8.9 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134643.D
Acq: 07 Aug 2023 09:12

Instrument :
BNA_F
ClientSampleId :
PB154530BL

Tgt Ion:264 Resp: 497126
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 21.7 15.8 23.8

