

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134593.D
 Acq On : 02 Aug 2023 22:17
 Operator : CG\JU
 Sample : 03833-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 82ND-1

Quant Time: Aug 03 01:51:36 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)

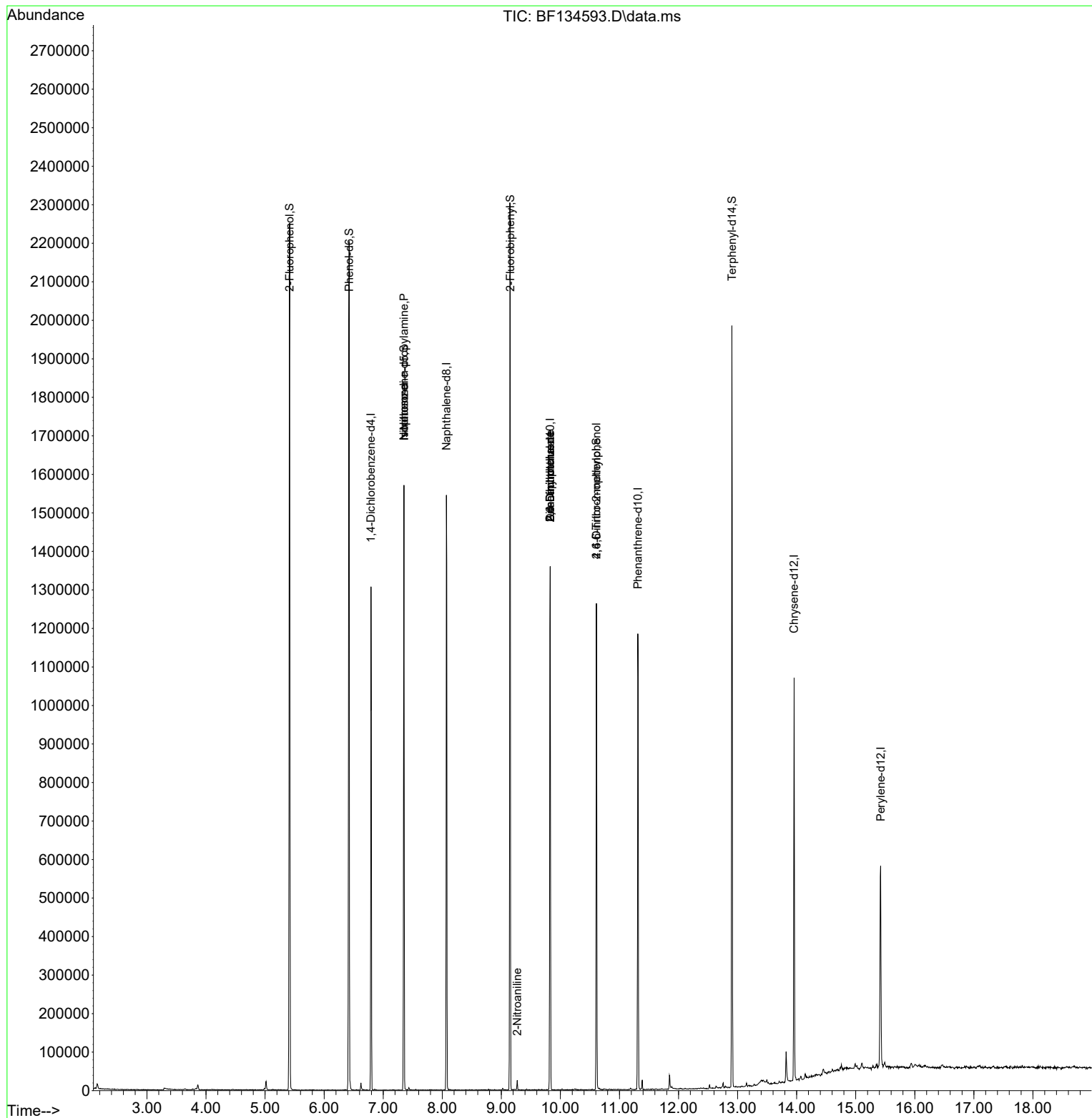
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	170056	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	638149	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	266213	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	425291	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	296693	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	240790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	583287	52.139	ng	0.00
7) Phenol-d6	6.422	99	723114	50.565	ng	0.00
23) Nitrobenzene-d5	7.351	82	406483	39.806	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	127341	46.924	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	689908	43.090	ng	0.00
79) Terphenyl-d14	12.904	244	641719	38.129	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.340	77	86	Below Cal	#	39
19) n-Nitroso-di-n-propyla...	7.351	70	53823	6.286 ng	#	74
25) Isophorone	7.351	82	406477	18.250 ng	#	65
48) 2-Nitroaniline	9.269	65	138	3.193 ng	#	8
50) Dimethylphthalate	9.828	163	55035	3.033 ng	#	1
51) 2,6-Dinitrotoluene	9.828	165	34379	11.262 ng	#	17
57) 2,4-Dinitrotoluene	9.828	165	34379	10.052 ng	#	18
65) 4,6-Dinitro-2-methylph...	10.610	198	260	8.823 ng	#	1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134593.D
Acq On : 02 Aug 2023 22:17
Operator : CG\JU
Sample : 03833-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
82ND-1

Quant Time: Aug 03 01:51:36 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

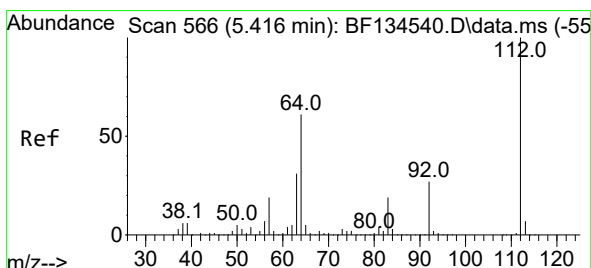
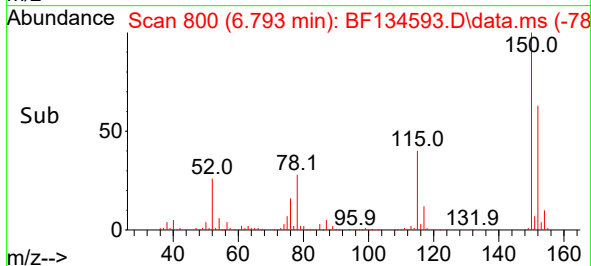
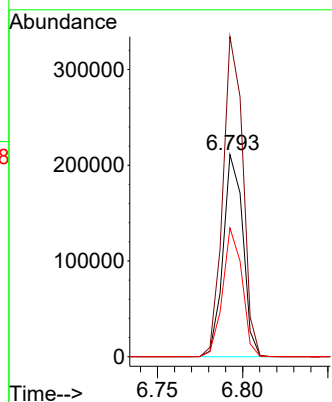
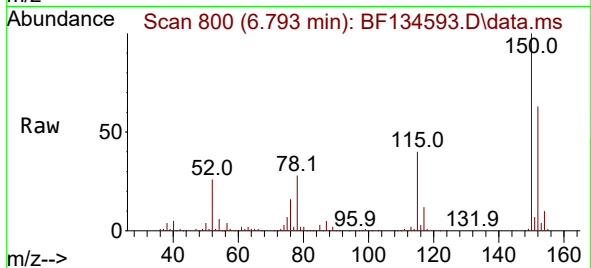




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.001 min
Lab File: BF134593.D
Acq: 02 Aug 2023 22:17

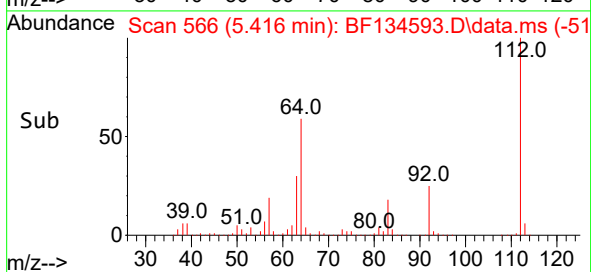
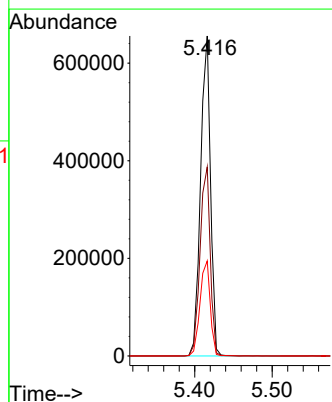
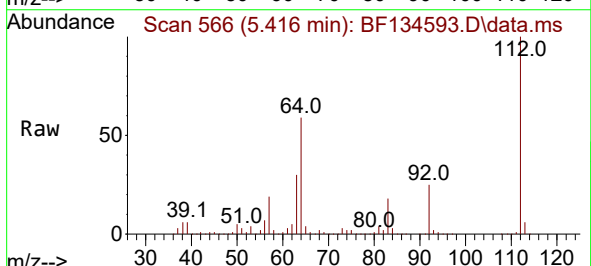
Instrument :
BNA_F
ClientSampleId :
82ND-1

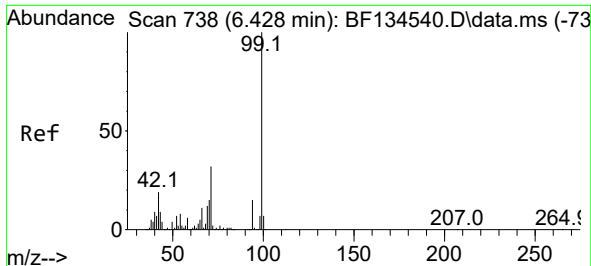
Tgt Ion:152 Resp: 170056
Ion Ratio Lower Upper
152 100
150 158.4 128.3 192.5
115 63.7 52.4 78.6



#5
2-Fluorophenol
Concen: 52.139 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF134593.D
Acq: 02 Aug 2023 22:17

Tgt Ion:112 Resp: 583287
Ion Ratio Lower Upper
112 100
64 59.1 44.9 67.3
63 29.7 25.4 38.0





#7
Phenol-d6
Concen: 50.565 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134593.D
Acq: 02 Aug 2023 22:17

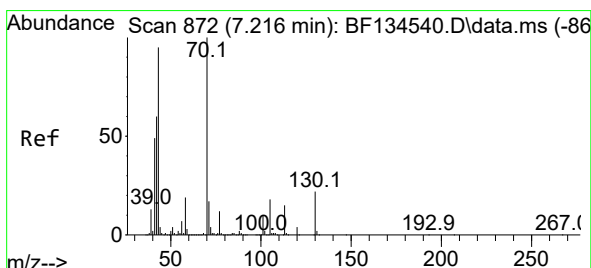
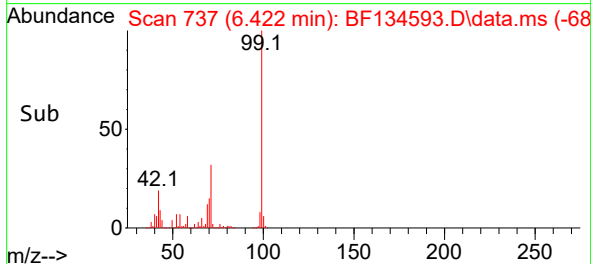
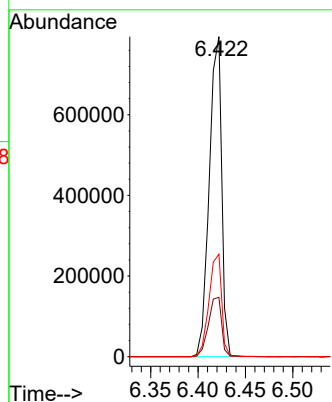
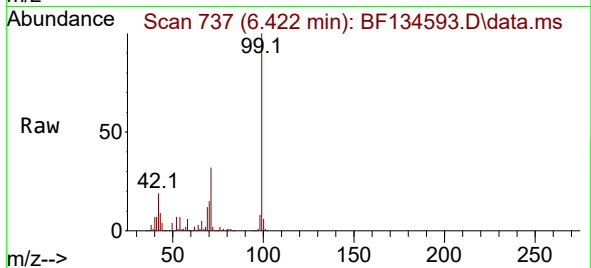
Instrument :

BNA_F

ClientSampleId :

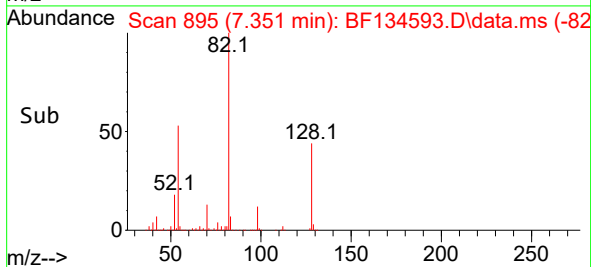
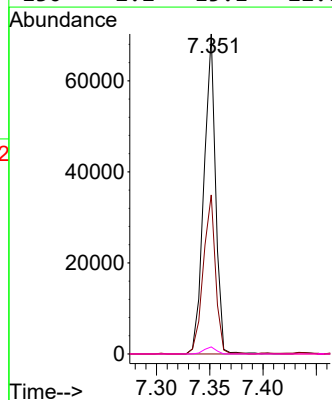
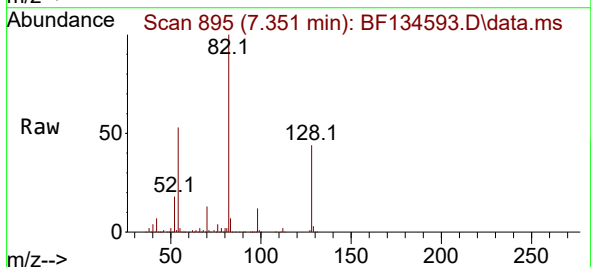
82ND-1

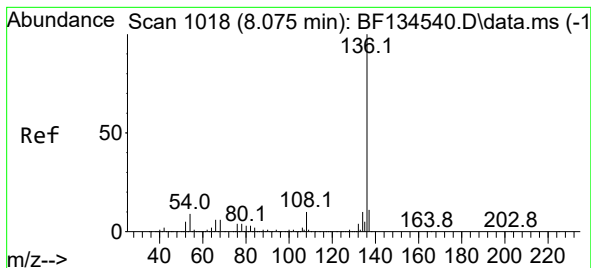
Tgt Ion: 99 Resp: 723114
Ion Ratio Lower Upper
99 100
42 18.5 18.7 28.1#
71 32.0 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 6.286 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.136 min
Lab File: BF134593.D
Acq: 02 Aug 2023 22:17

Tgt Ion: 70 Resp: 53823
Ion Ratio Lower Upper
70 100
42 49.7 54.7 82.1#
101 0.0 8.2 12.2#
130 2.2 15.1 22.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134593.D

Acq: 02 Aug 2023 22:17

Instrument :

BNA_F

ClientSampleId :

82ND-1

Tgt Ion:136 Resp: 638149

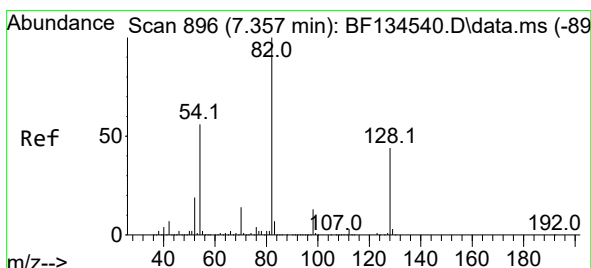
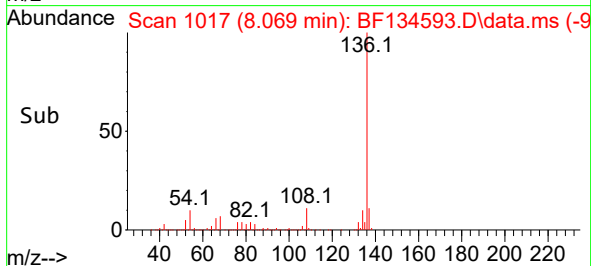
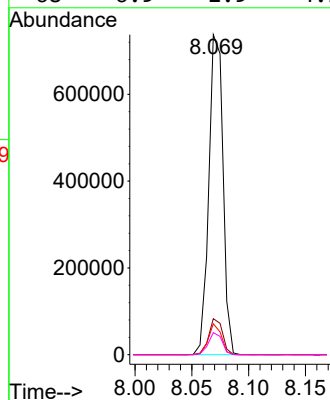
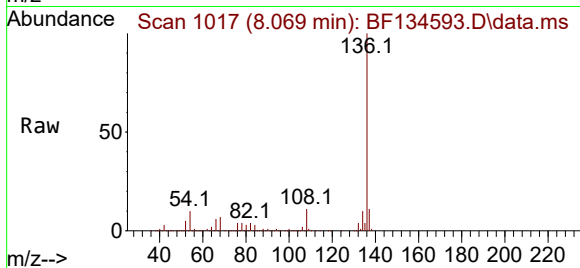
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 9.6 5.2 7.8#

68 6.9 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 39.806 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF134593.D

Acq: 02 Aug 2023 22:17

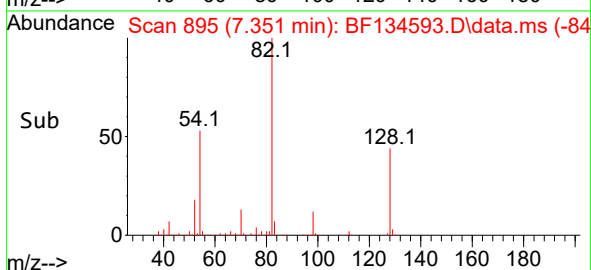
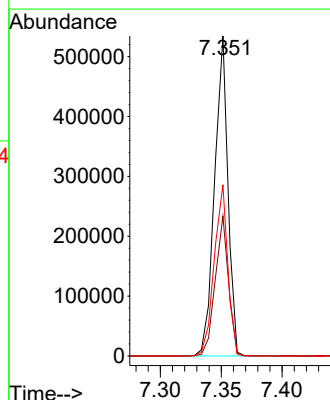
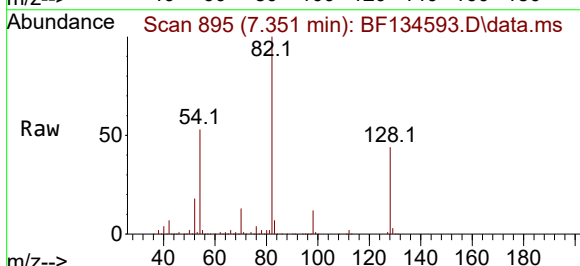
Tgt Ion: 82 Resp: 406483

Ion Ratio Lower Upper

82 100

128 43.7 34.3 51.5

54 53.5 43.8 65.6

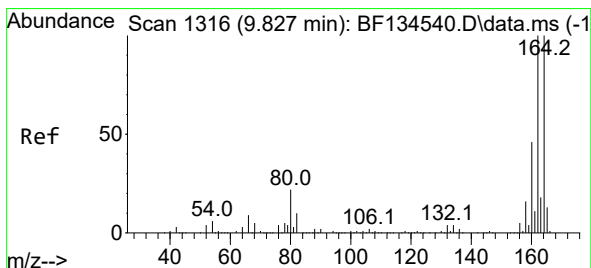
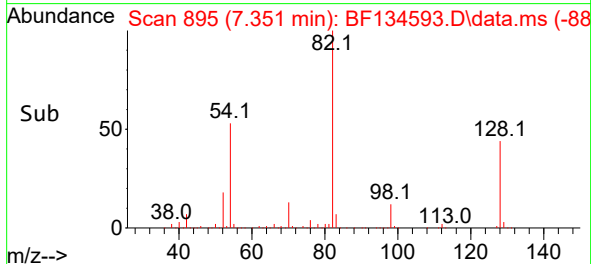
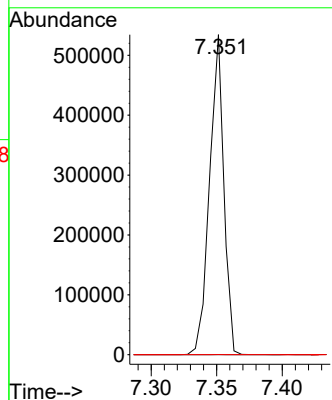
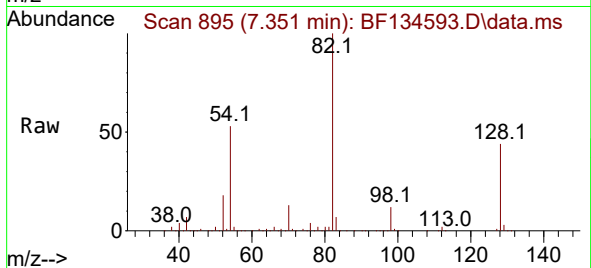




#25
Isophorone
Concen: 18.250 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.264 min
Lab File: BF134593.D
Acq: 02 Aug 2023 22:17

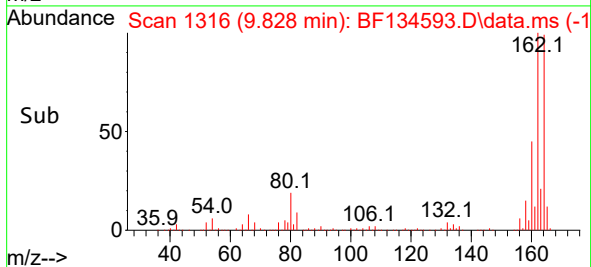
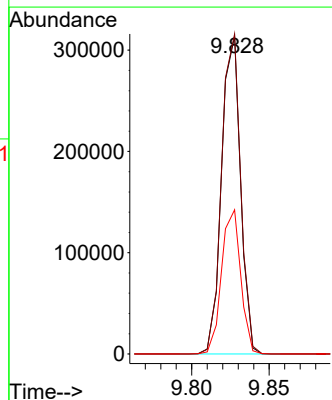
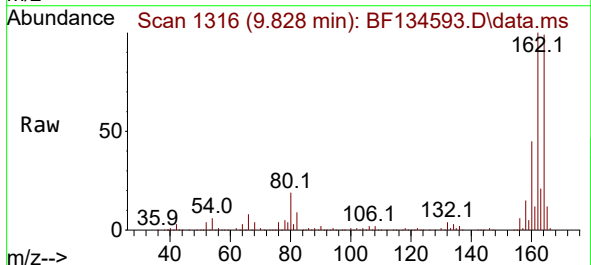
Instrument :
BNA_F
ClientSampleId :
82ND-1

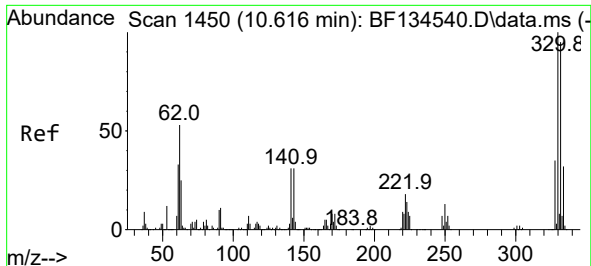
Tgt Ion: 82 Resp: 406477
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF134593.D
Acq: 02 Aug 2023 22:17

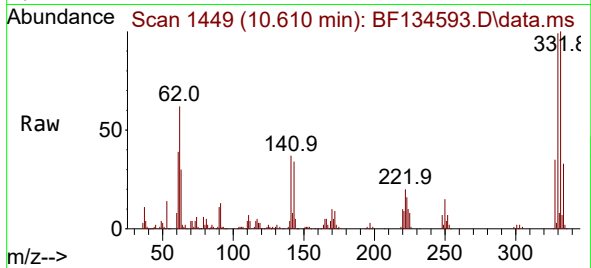
Tgt Ion:164 Resp: 266213
Ion Ratio Lower Upper
164 100
162 100.8 82.6 123.8
160 45.4 37.2 55.8



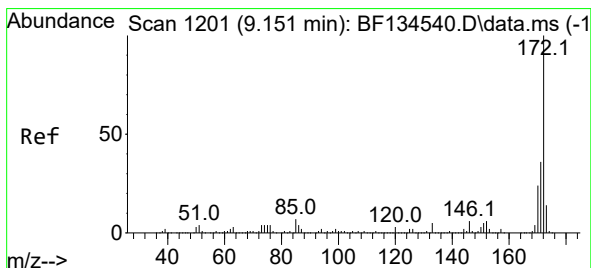
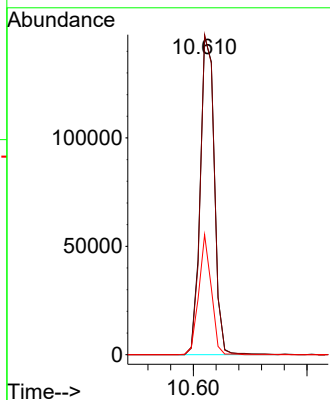
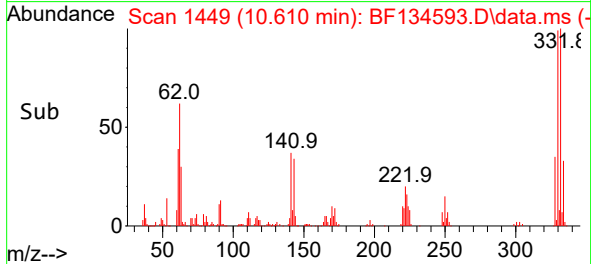


#42
2,4,6-Tribromophenol
Concen: 46.924 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF134593.D
Acq: 02 Aug 2023 22:17

Instrument :
BNA_F
ClientSampleId :
82ND-1

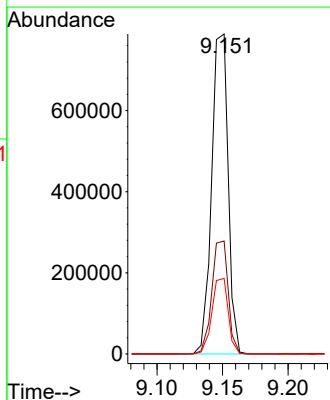
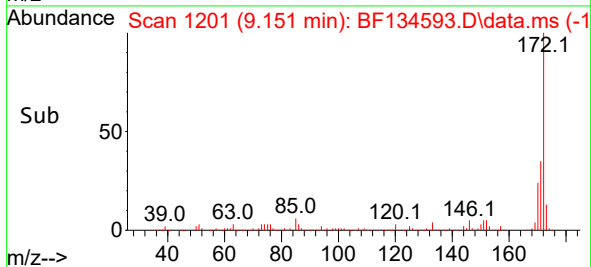
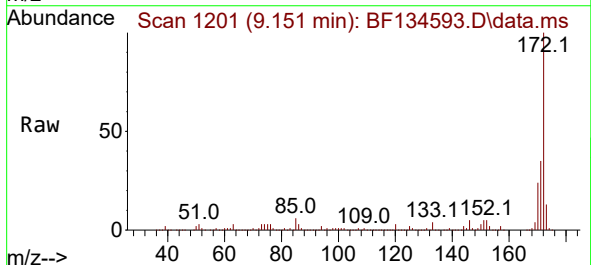


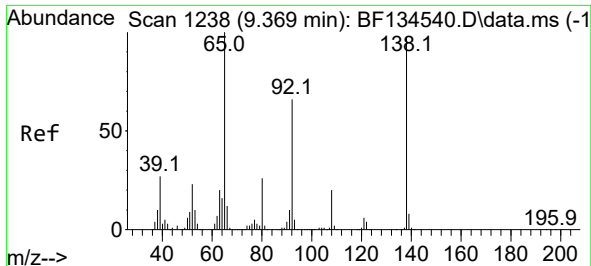
Tgt Ion:330 Resp: 127341
Ion Ratio Lower Upper
330 100
332 99.3 78.8 118.2
141 33.3 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 43.090 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF134593.D
Acq: 02 Aug 2023 22:17

Tgt Ion:172 Resp: 689908
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.6 18.7 28.1

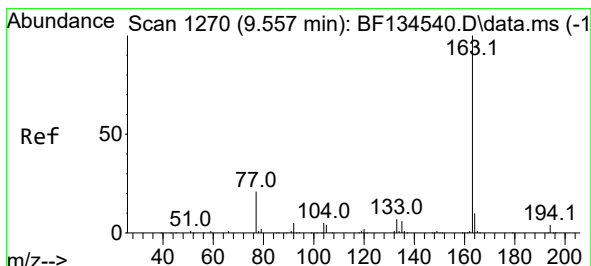
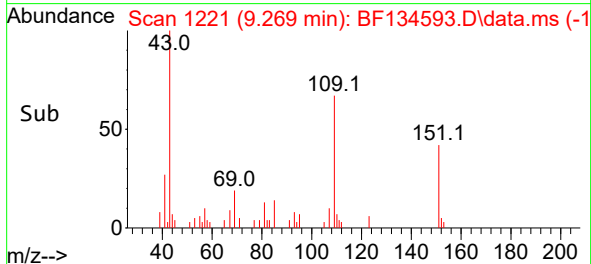
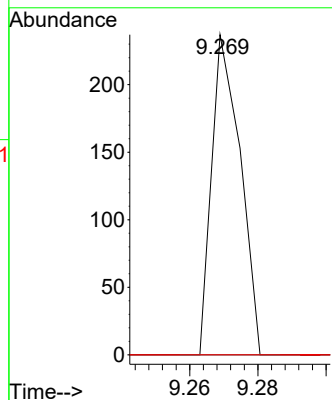
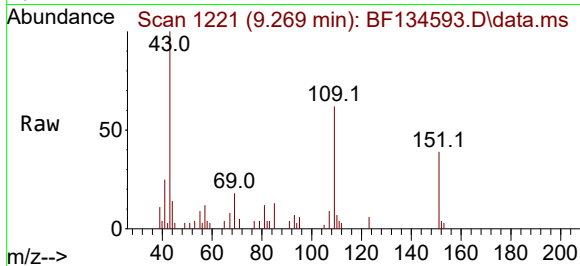




#48
2-Nitroaniline
Concen: 3.193 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.100 min
Lab File: BF134593.D
Acq: 02 Aug 2023 22:17

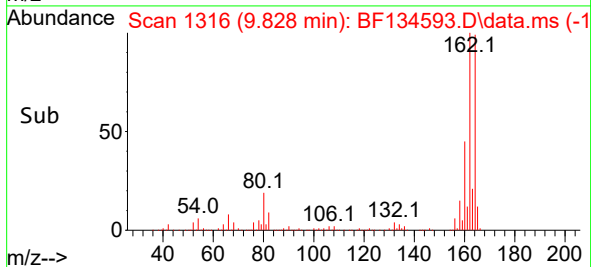
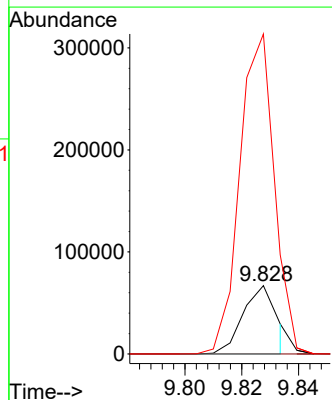
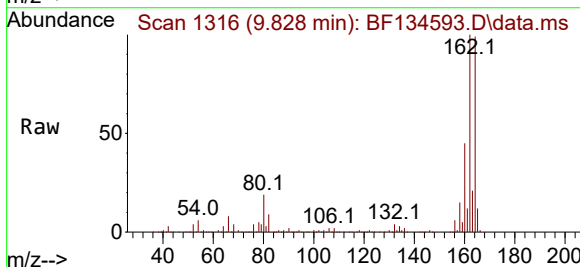
Instrument :
BNA_F
ClientSampleId :
82ND-1

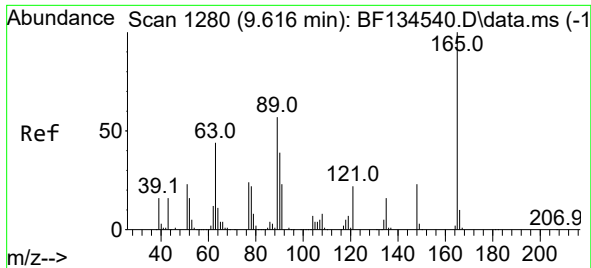
Tgt Ion: 65 Resp: 138
Ion Ratio Lower Upper
65 100
92 0.0 50.7 76.1#
138 0.0 78.2 117.4#



#50
Dimethylphthalate
Concen: 3.033 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.271 min
Lab File: BF134593.D
Acq: 02 Aug 2023 22:17

Tgt Ion: 163 Resp: 55035
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 468.8 7.5 11.3#

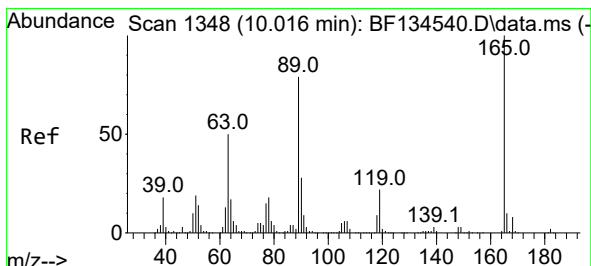
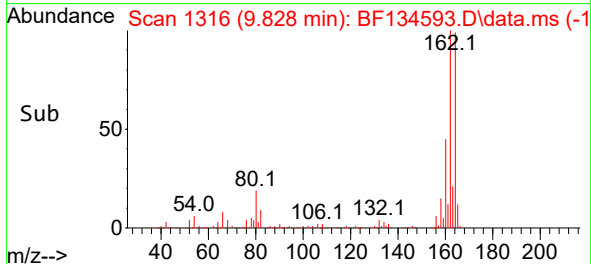
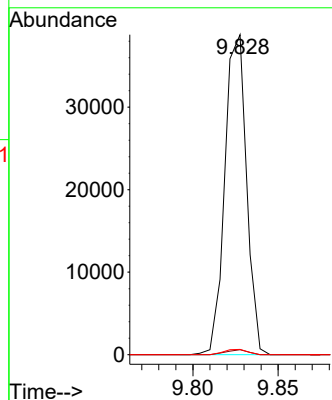
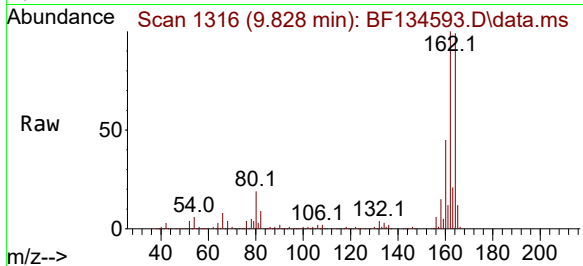




#51
2,6-Dinitrotoluene
Concen: 11.262 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF134593.D
Acq: 02 Aug 2023 22:17

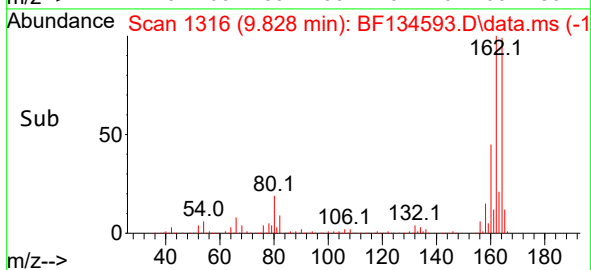
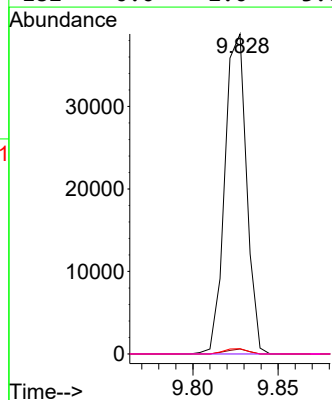
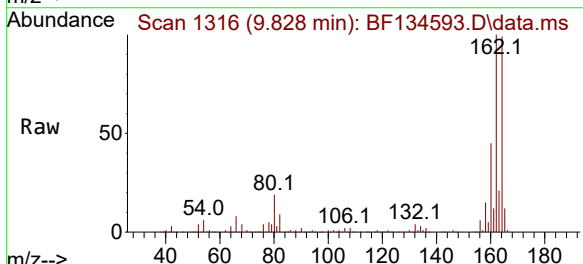
Instrument :
BNA_F
ClientSampleId :
82ND-1

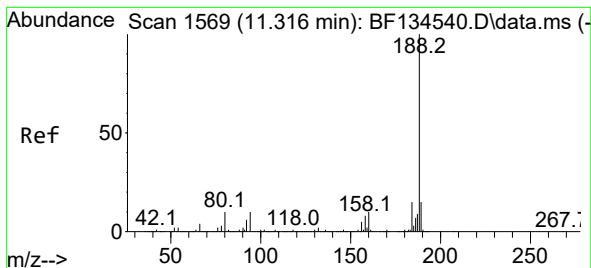
Tgt Ion:165 Resp: 34379
Ion Ratio Lower Upper
165 100
63 1.5 57.8 86.6#
89 1.7 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 10.052 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.188 min
Lab File: BF134593.D
Acq: 02 Aug 2023 22:17

Tgt Ion:165 Resp: 34379
Ion Ratio Lower Upper
165 100
63 1.5 48.9 73.3#
89 1.7 61.7 92.5#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134593.D

Acq: 02 Aug 2023 22:17

Instrument :

BNA_F

ClientSampleId :

82ND-1

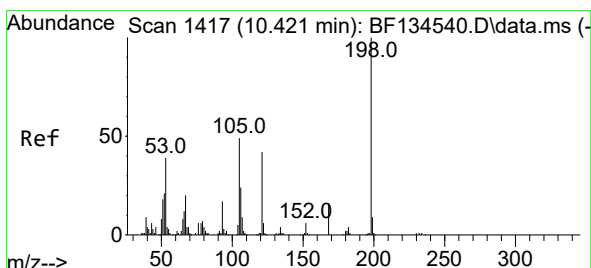
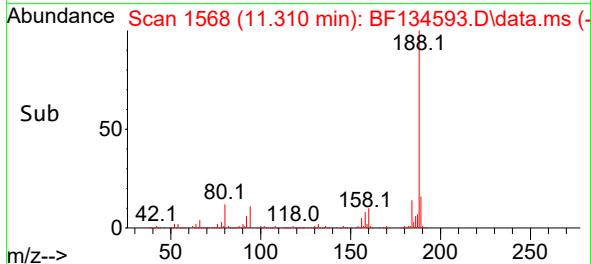
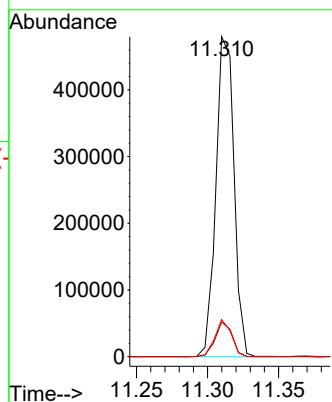
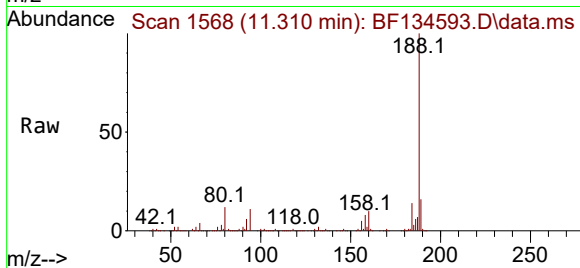
Tgt Ion:188 Resp: 425291

Ion Ratio Lower Upper

188 100

94 10.8 5.1 7.7#

80 11.6 6.6 9.8#



#65

4,6-Dinitro-2-methylphenol

Concen: 8.823 ng

RT: 10.610 min Scan# 1449

Delta R.T. 0.189 min

Lab File: BF134593.D

Acq: 02 Aug 2023 22:17

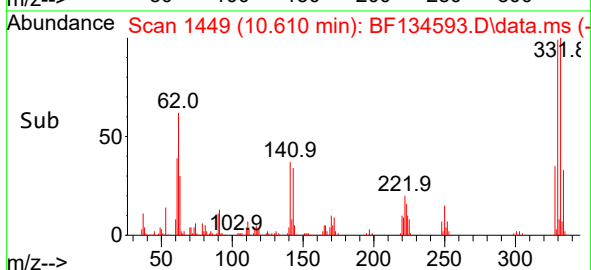
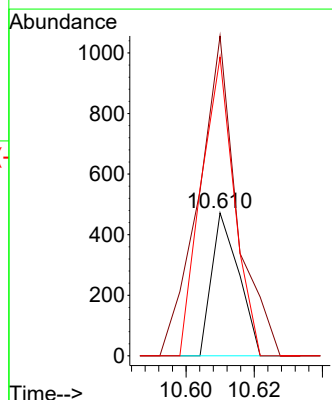
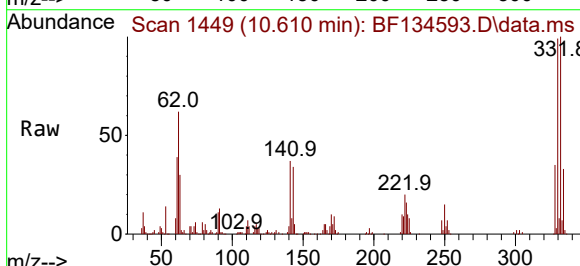
Tgt Ion:198 Resp: 260

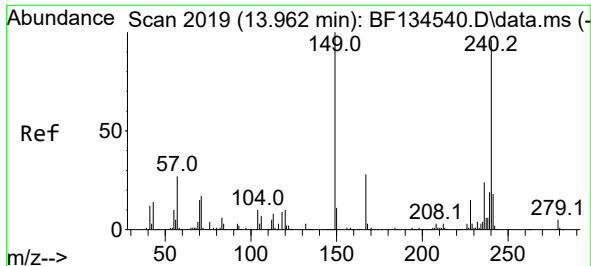
Ion Ratio Lower Upper

198 100

51 223.7 38.6 78.6#

105 209.1 27.9 67.9#

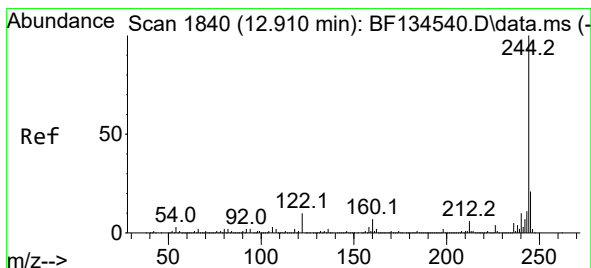
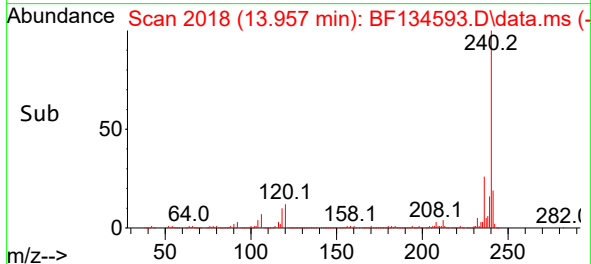
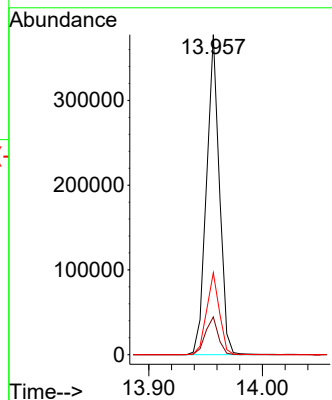
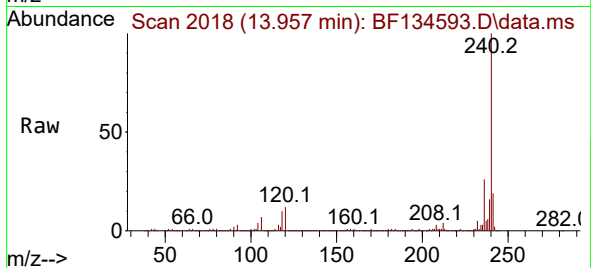




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF134593.D
Acq: 02 Aug 2023 22:17

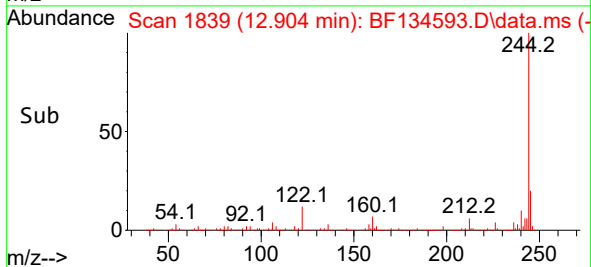
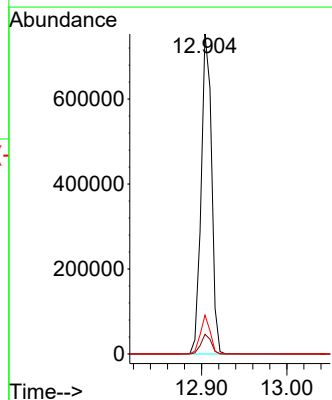
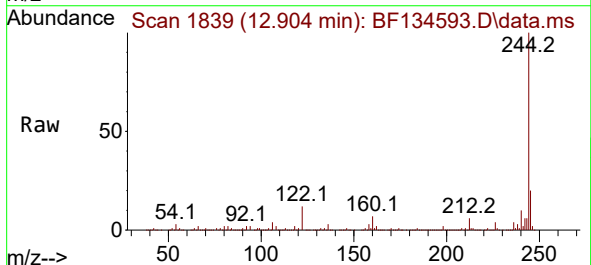
Instrument :
BNA_F
ClientSampleId :
82ND-1

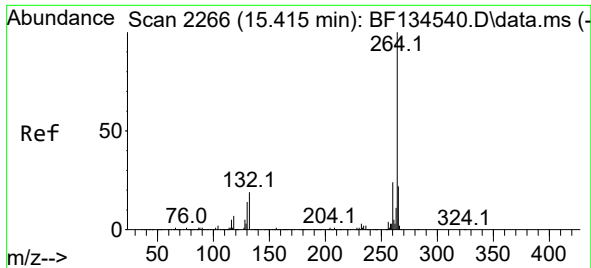
Tgt Ion:240 Resp: 296693
Ion Ratio Lower Upper
240 100
120 11.8 6.6 10.0#
236 25.6 20.2 30.2



#79
Terphenyl-d14
Concen: 38.129 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF134593.D
Acq: 02 Aug 2023 22:17

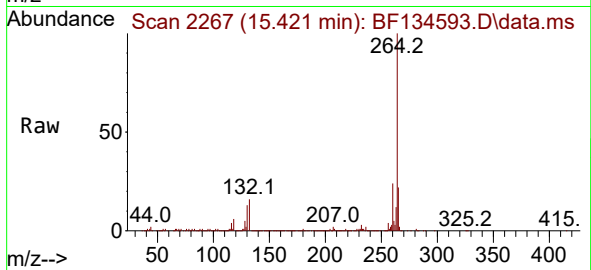
Tgt Ion:244 Resp: 641719
Ion Ratio Lower Upper
244 100
212 6.2 5.6 8.4
122 12.1 8.0 12.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134593.D
Acq: 02 Aug 2023 22:17

Instrument :
BNA_F
ClientSampleId :
82ND-1



Tgt Ion:264 Resp: 240790

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	21.6	15.8	23.8

