

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
 Data File : BF134794.D
 Acq On : 15 Aug 2023 20:30
 Operator : CG\JU
 Sample : 04011-01 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-081423

Quant Time: Aug 16 03:13:56 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)

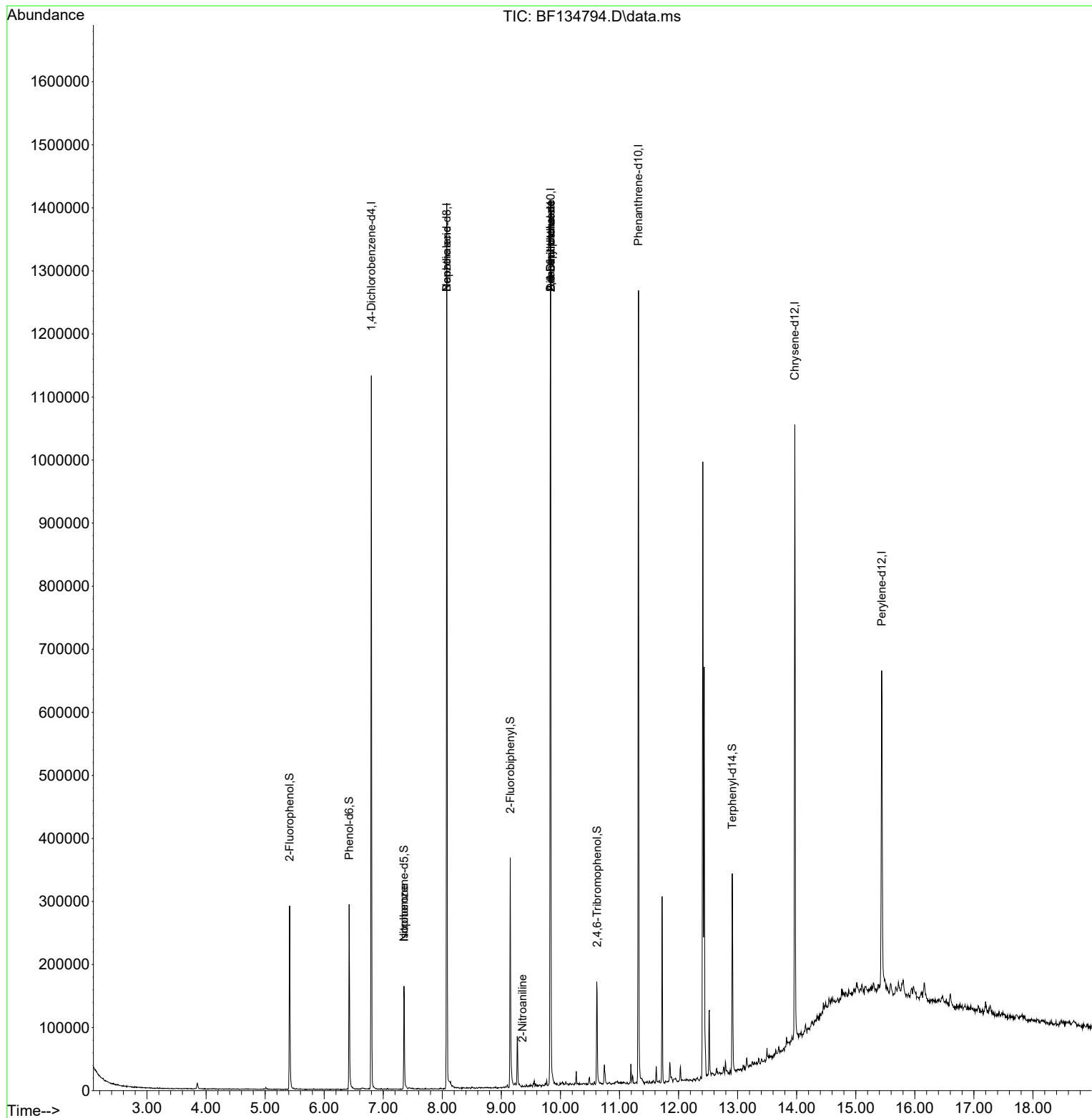
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	152388	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	586397	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	284792	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	436338	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	334188	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	245789	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	74828	7.464	ng	-0.01
7) Phenol-d6	6.422	99	90635	7.073	ng	-0.02
23) Nitrobenzene-d5	7.351	82	52235	5.567	ng	-0.02
42) 2,4,6-Tribromophenol	10.621	330	22435	7.728	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	121424	7.089	ng	-0.01
79) Terphenyl-d14	12.910	244	108274	5.712	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.428	77	75	Below Cal	#	3
25) Isophorone	7.351	82	52233	2.552	ng	# 65
32) Benzoic acid	8.075	122	79	7.878	ng	# 1
48) 2-Nitroaniline	9.357	65	55	3.176	ng	# 8
50) Dimethylphthalate	9.833	163	58427	3.010	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	36857	11.281	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	36916	10.079	ng	# 18

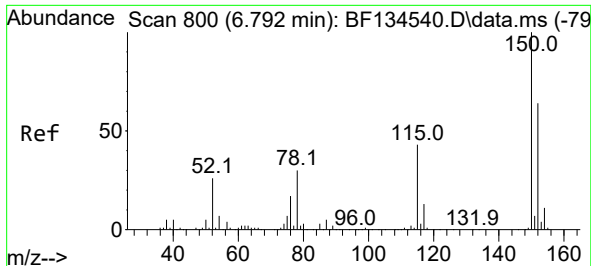
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
Data File : BF134794.D
Acq On : 15 Aug 2023 20:30
Operator : CG\JU
Sample : 04011-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-081423

Quant Time: Aug 16 03:13:56 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

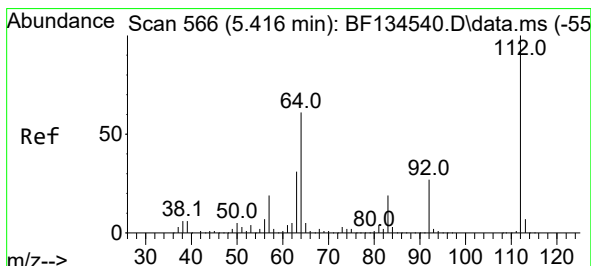
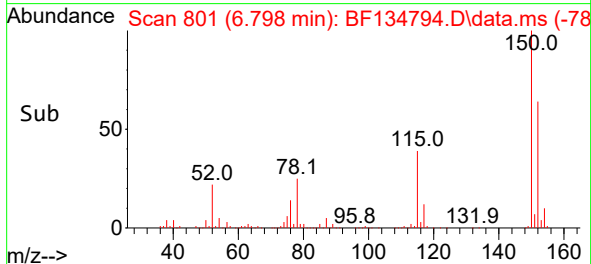
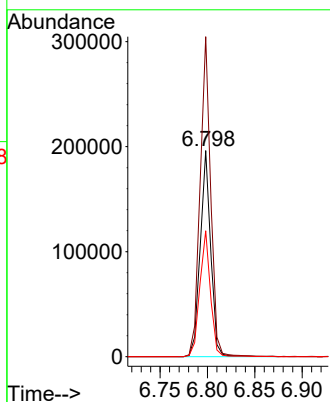
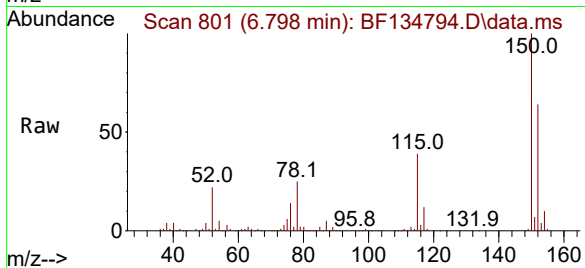




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134794.D
Acq: 15 Aug 2023 20:30

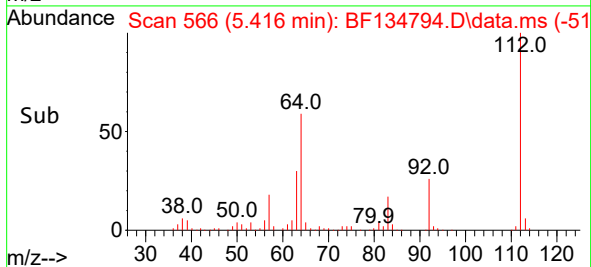
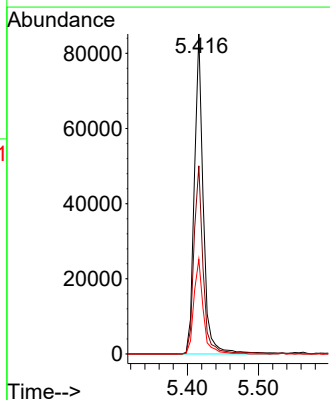
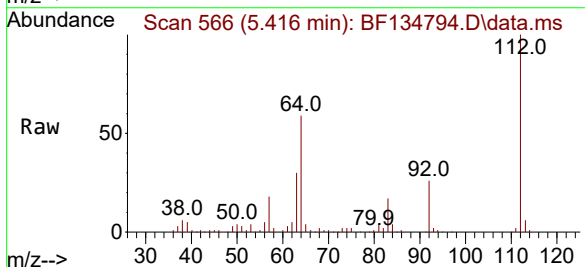
Instrument :
BNA_F
ClientSampleId :
SU-03-081423

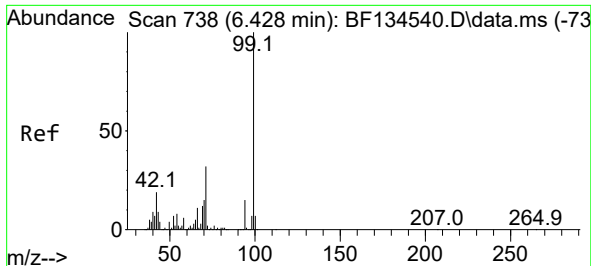
Tgt Ion:152 Resp: 152388
Ion Ratio Lower Upper
152 100
150 155.3 128.3 192.5
115 61.2 52.4 78.6



#5
2-Fluorophenol
Concen: 7.464 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF134794.D
Acq: 15 Aug 2023 20:30

Tgt Ion:112 Resp: 74828
Ion Ratio Lower Upper
112 100
64 58.8 44.9 67.3
63 29.6 25.4 38.0

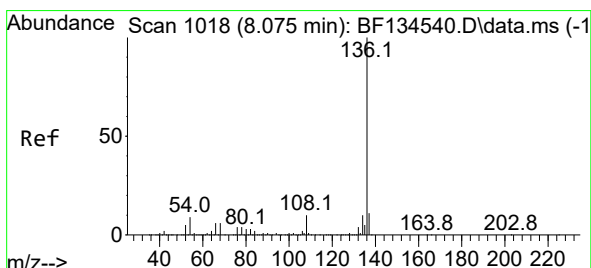
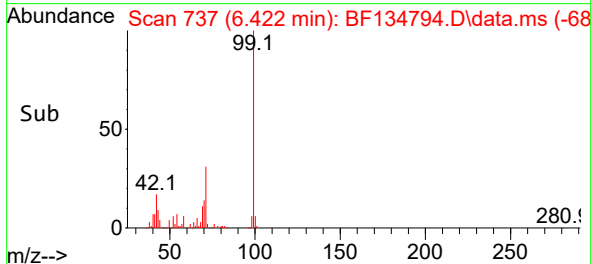
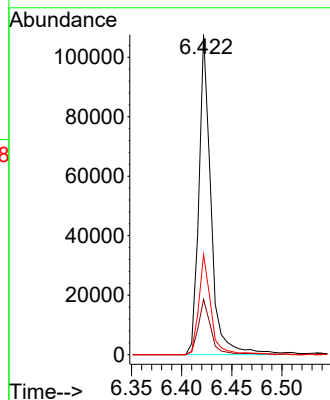
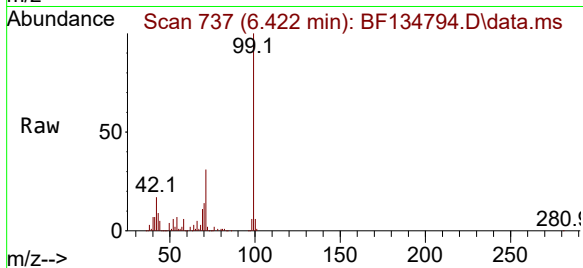




#7
Phenol-d6
Concen: 7.073 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF134794.D
Acq: 15 Aug 2023 20:30

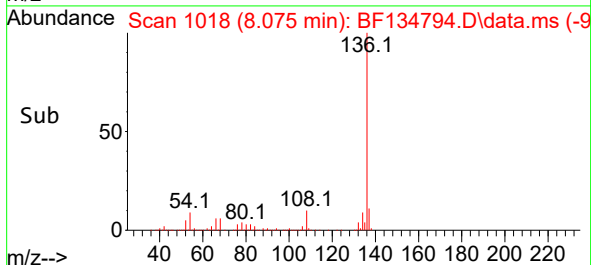
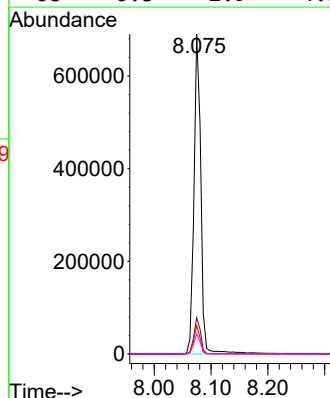
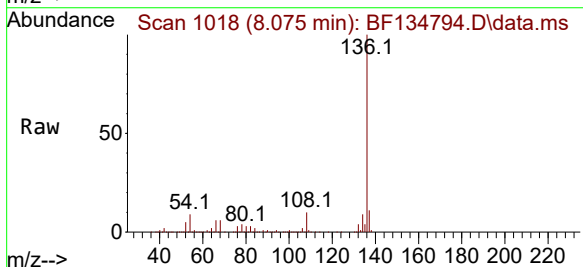
Instrument :
BNA_F
ClientSampleId :
SU-03-081423

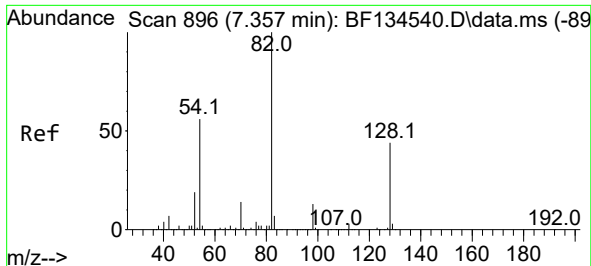
Tgt Ion: 99 Resp: 90635
Ion Ratio Lower Upper
99 100
42 17.3 18.7 28.1#
71 31.3 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134794.D
Acq: 15 Aug 2023 20:30

Tgt Ion: 136 Resp: 586397
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.9 5.2 7.8#
68 6.3 2.9 4.3#

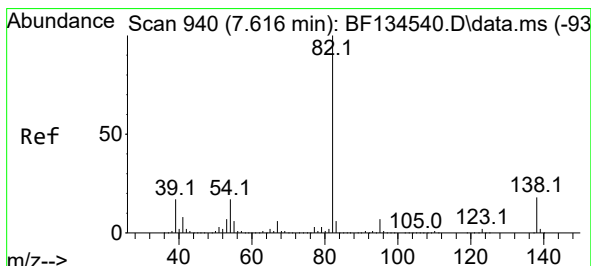
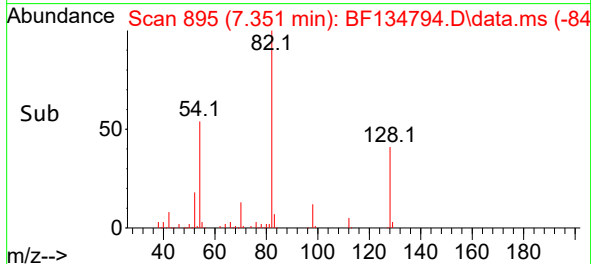
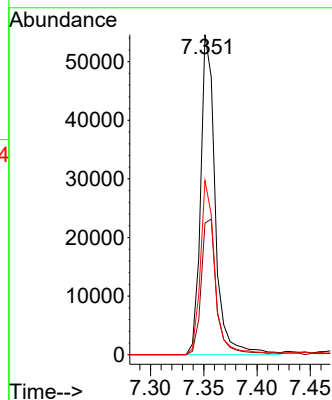
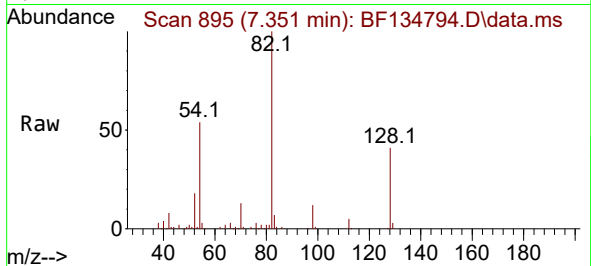




#23
Nitrobenzene-d5
Concen: 5.567 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF134794.D
Acq: 15 Aug 2023 20:30

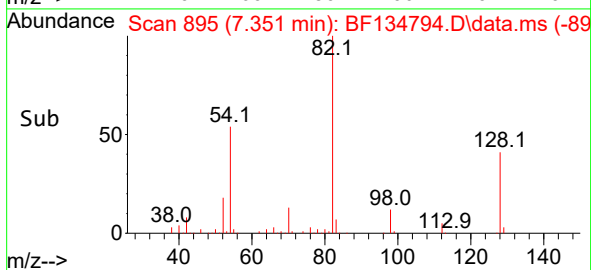
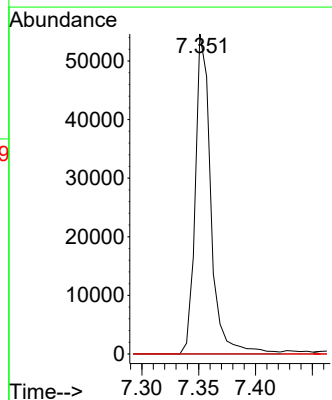
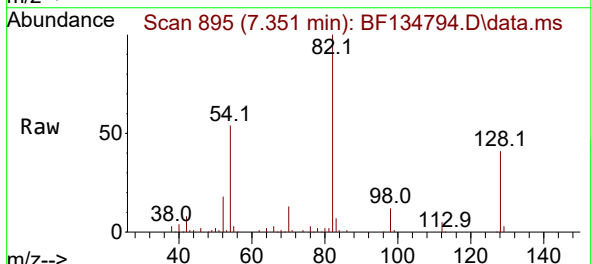
Instrument :
BNA_F
ClientSampleId :
SU-03-081423

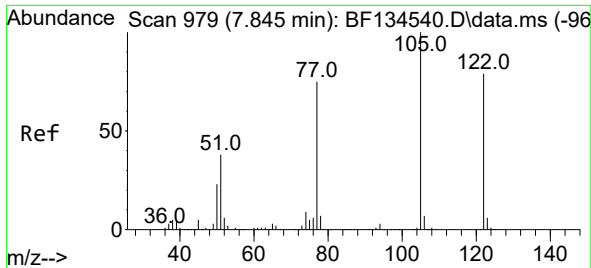
Tgt Ion: 82 Resp: 52235
Ion Ratio Lower Upper
82 100
128 41.1 34.3 51.5
54 54.4 43.8 65.6



#25
Isophorone
Concen: 2.552 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.277 min
Lab File: BF134794.D
Acq: 15 Aug 2023 20:30

Tgt Ion: 82 Resp: 52233
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#

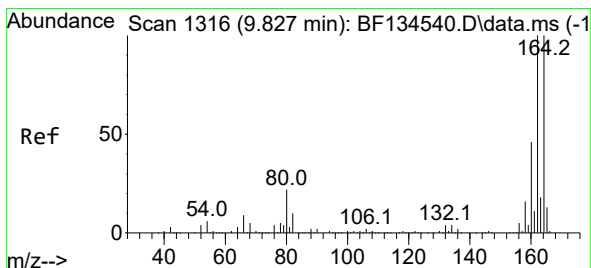
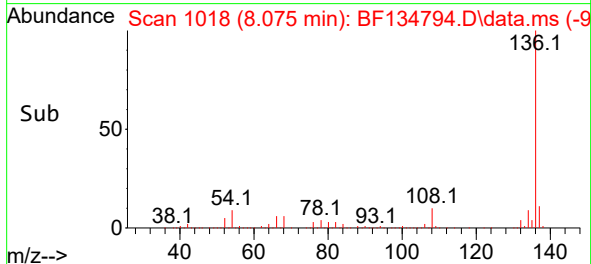
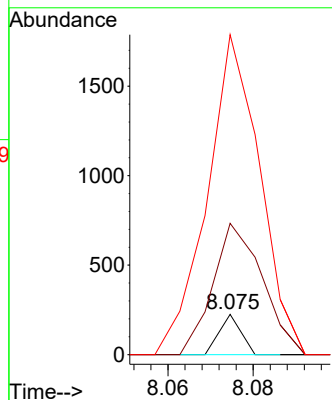
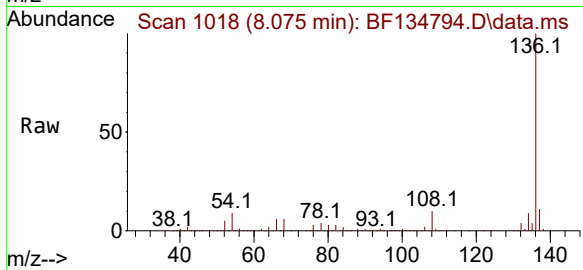




#32
Benzoic acid
Concen: 7.878 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.212 min
Lab File: BF134794.D
Acq: 15 Aug 2023 20:30

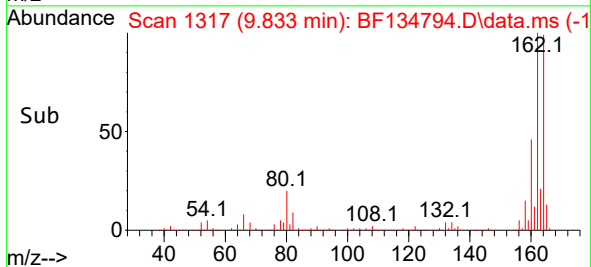
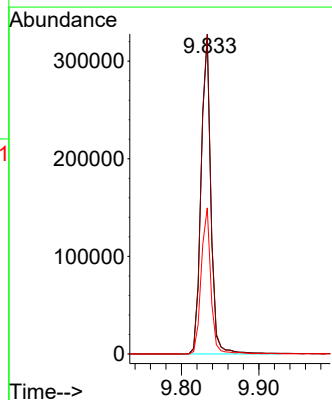
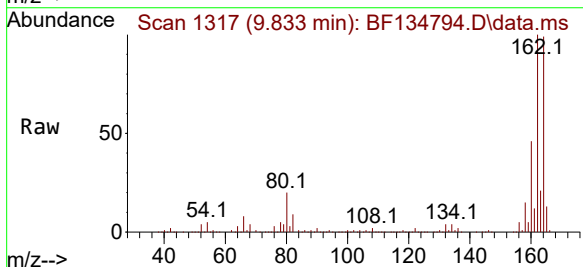
Instrument :
BNA_F
ClientSampleId :
SU-03-081423

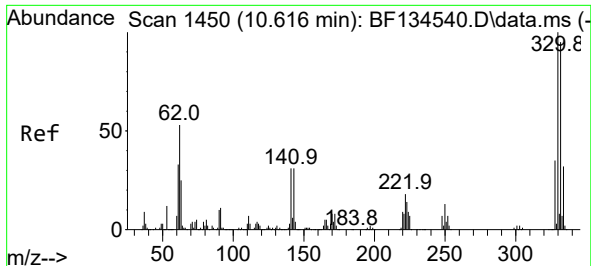
Tgt Ion:122 Resp: 79
Ion Ratio Lower Upper
122 100
105 326.2 87.5 127.5#
77 794.7 71.4 111.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF134794.D
Acq: 15 Aug 2023 20:30

Tgt Ion:164 Resp: 284792
Ion Ratio Lower Upper
164 100
162 101.0 82.6 123.8
160 46.1 37.2 55.8

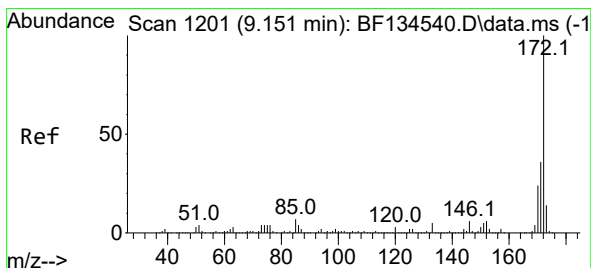
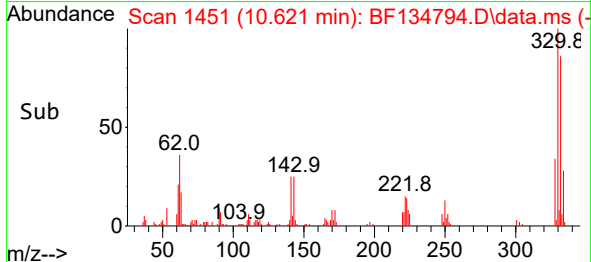
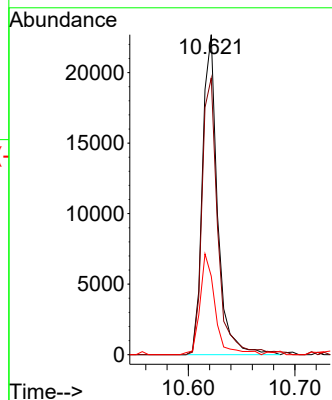
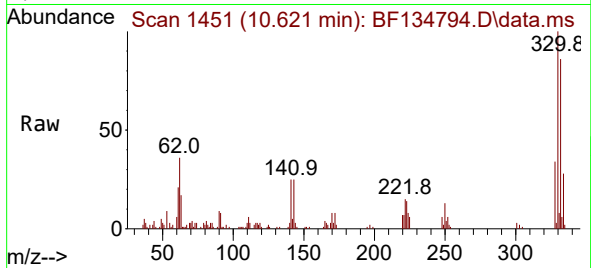




#42
2,4,6-Tribromophenol
Concen: 7.728 ng
RT: 10.621 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF134794.D
Acq: 15 Aug 2023 20:30

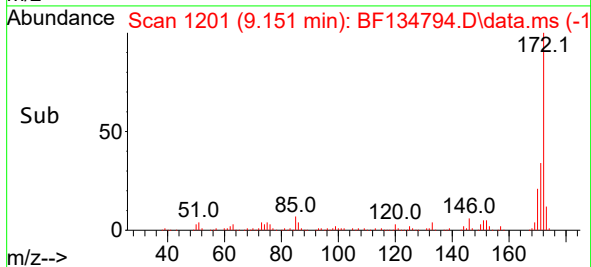
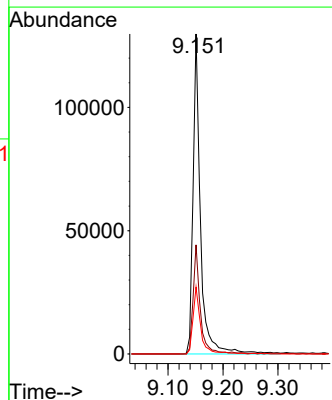
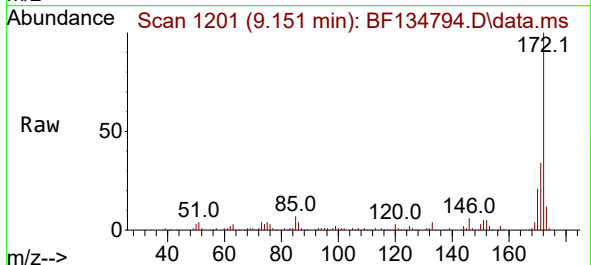
Instrument :
BNA_F
ClientSampleId :
SU-03-081423

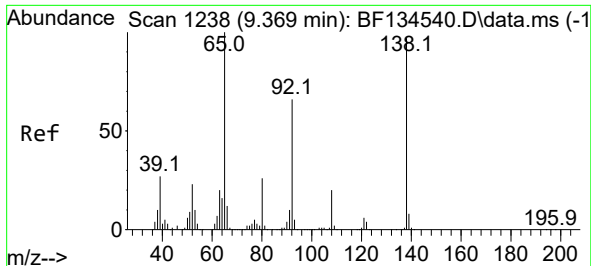
Tgt Ion: 330 Resp: 22435
Ion Ratio Lower Upper
330 100
332 90.6 78.8 118.2
141 31.5 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 7.089 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134794.D
Acq: 15 Aug 2023 20:30

Tgt Ion: 172 Resp: 121424
Ion Ratio Lower Upper
172 100
171 34.1 28.8 43.2
170 20.9 18.7 28.1

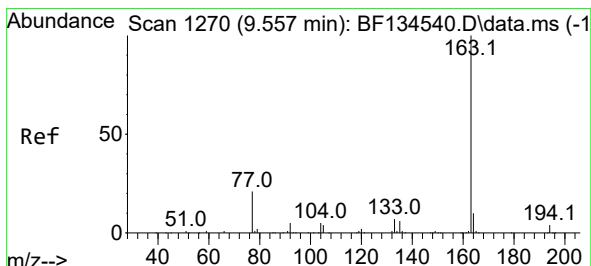
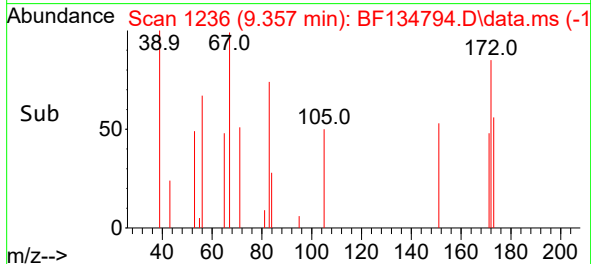
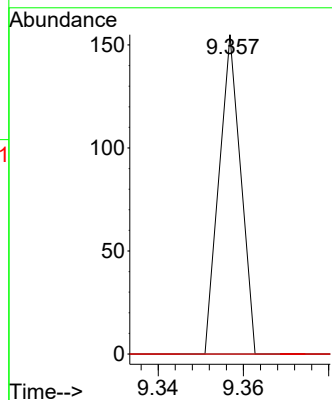
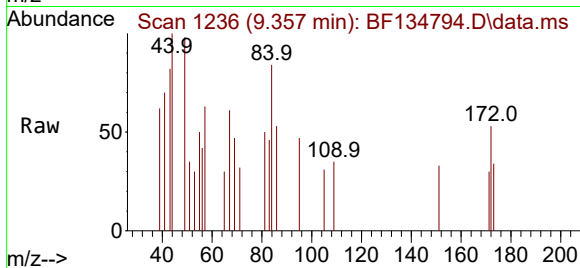




#48
2-Nitroaniline
Concen: 3.176 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF134794.D
Acq: 15 Aug 2023 20:30

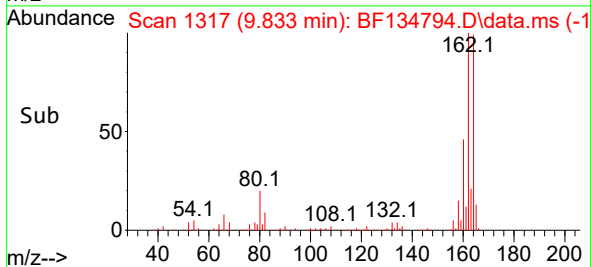
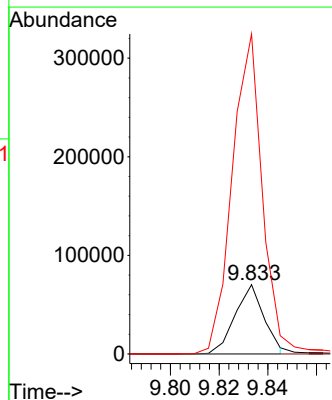
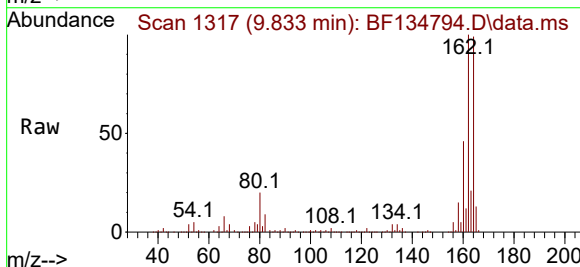
Instrument :
BNA_F
ClientSampleId :
SU-03-081423

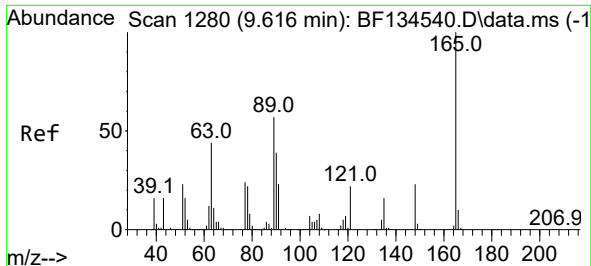
Tgt Ion: 65 Resp: 55
Ion Ratio Lower Upper
65 100
92 0.0 50.7 76.1#
138 0.0 78.2 117.4#



#50
Dimethylphthalate
Concen: 3.010 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134794.D
Acq: 15 Aug 2023 20:30

Tgt Ion: 163 Resp: 58427
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 461.7 7.5 11.3#

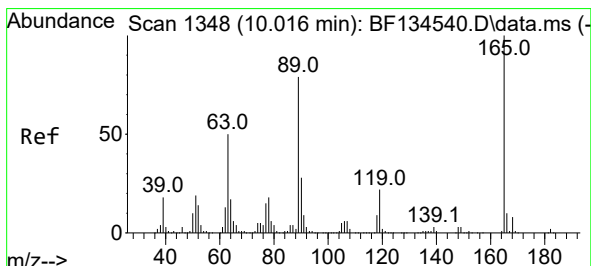
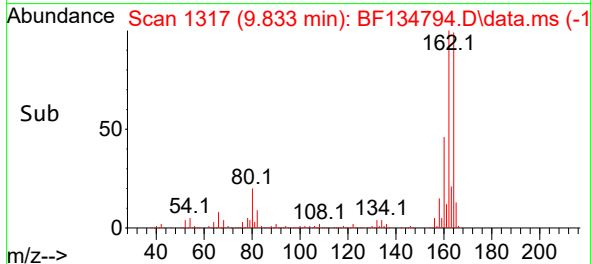
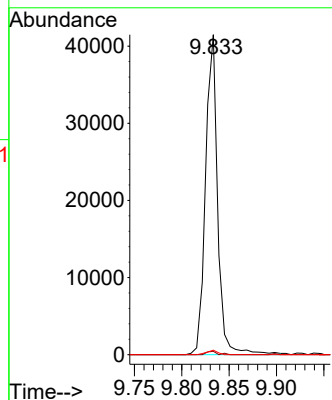
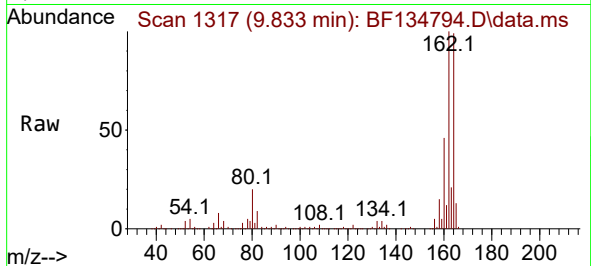




#51
 2,6-Dinitrotoluene
 Concen: 11.281 ng
 RT: 9.833 min Scan# 1317
 Delta R.T. 0.206 min
 Lab File: BF134794.D
 Acq: 15 Aug 2023 20:30

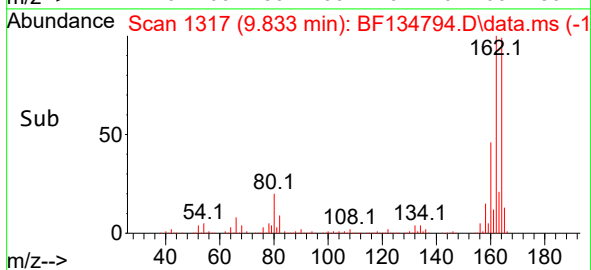
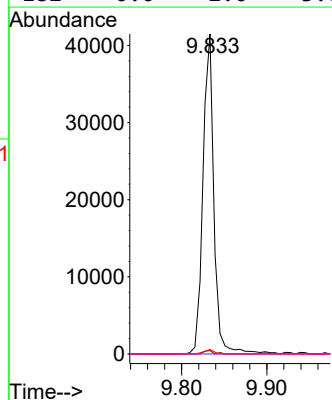
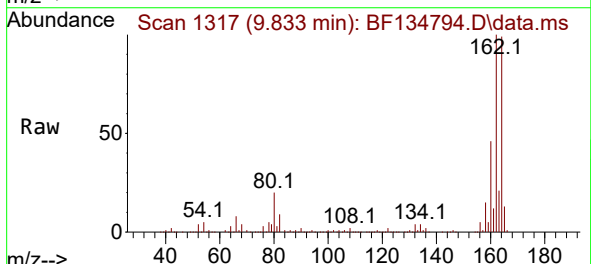
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-081423

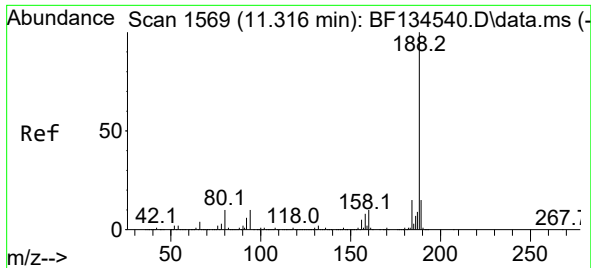
Tgt Ion:165 Resp: 36857
 Ion Ratio Lower Upper
 165 100
 63 1.1 57.8 86.6#
 89 1.4 51.8 77.8#



#57
 2,4-Dinitrotoluene
 Concen: 10.079 ng
 RT: 9.833 min Scan# 1317
 Delta R.T. -0.194 min
 Lab File: BF134794.D
 Acq: 15 Aug 2023 20:30

Tgt Ion:165 Resp: 36916
 Ion Ratio Lower Upper
 165 100
 63 1.1 48.9 73.3#
 89 1.4 61.7 92.5#
 182 0.0 2.0 3.0#

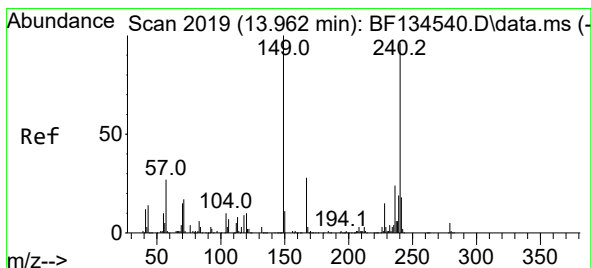
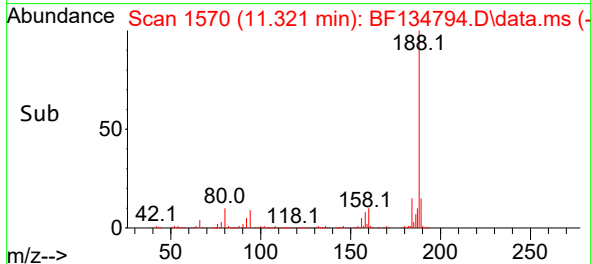
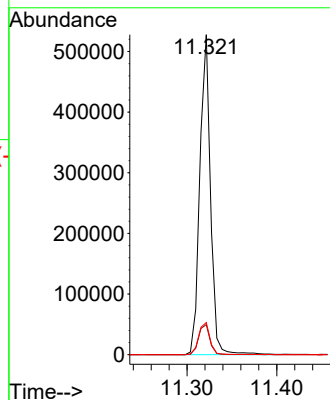
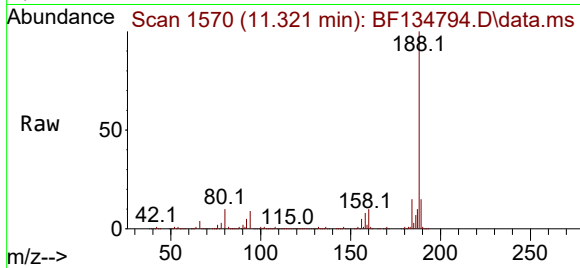




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134794.D
Acq: 15 Aug 2023 20:30

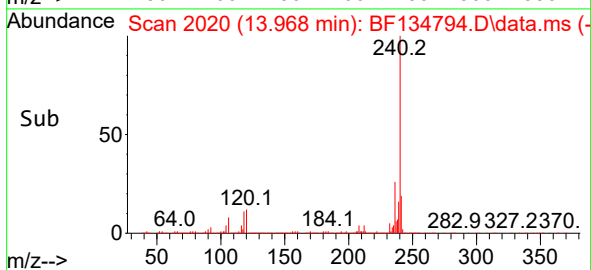
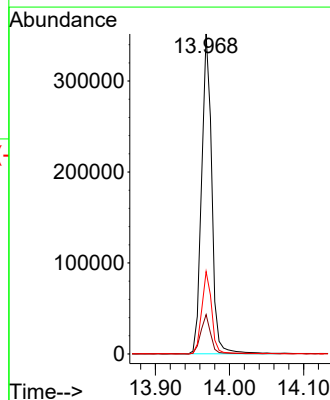
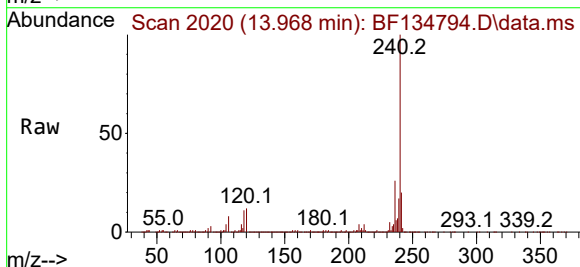
Instrument :
BNA_F
ClientSampleId :
SU-03-081423

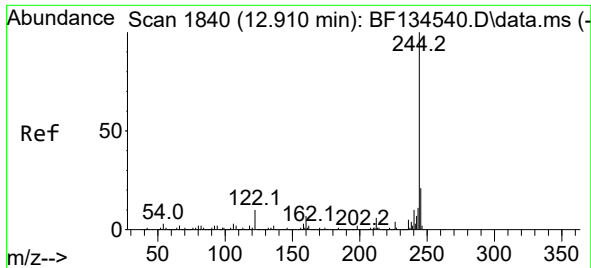
Tgt Ion:188 Resp: 436338
Ion Ratio Lower Upper
188 100
94 9.4 5.1 7.7#
80 10.1 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134794.D
Acq: 15 Aug 2023 20:30

Tgt Ion:240 Resp: 334188
Ion Ratio Lower Upper
240 100
120 12.3 6.6 10.0#
236 25.7 20.2 30.2

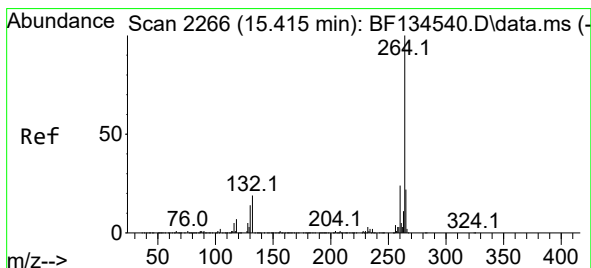
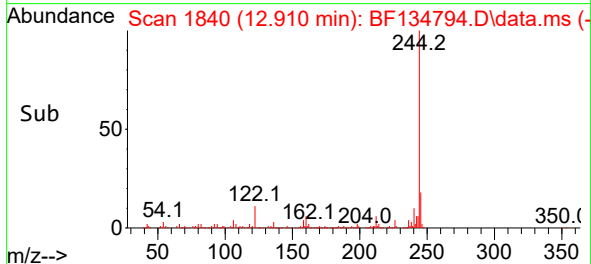
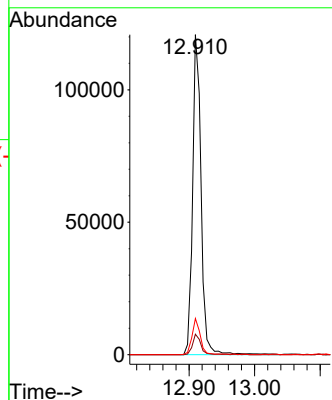
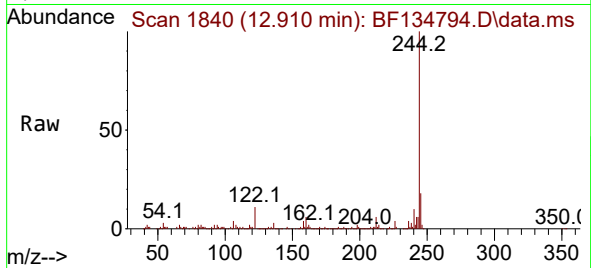




#79
 Terphenyl-d14
 Concen: 5.712 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF134794.D
 Acq: 15 Aug 2023 20:30

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-081423

Tgt Ion:244 Resp: 108274
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 11.3 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF134794.D
 Acq: 15 Aug 2023 20:30

Tgt Ion:264 Resp: 245789
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.9 15.8 23.8

