

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134582.D
 Acq On : 02 Aug 2023 16:22
 Operator : CG\JU
 Sample : 03681-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-3-CS-3

Quant Time: Aug 03 01:48:12 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)

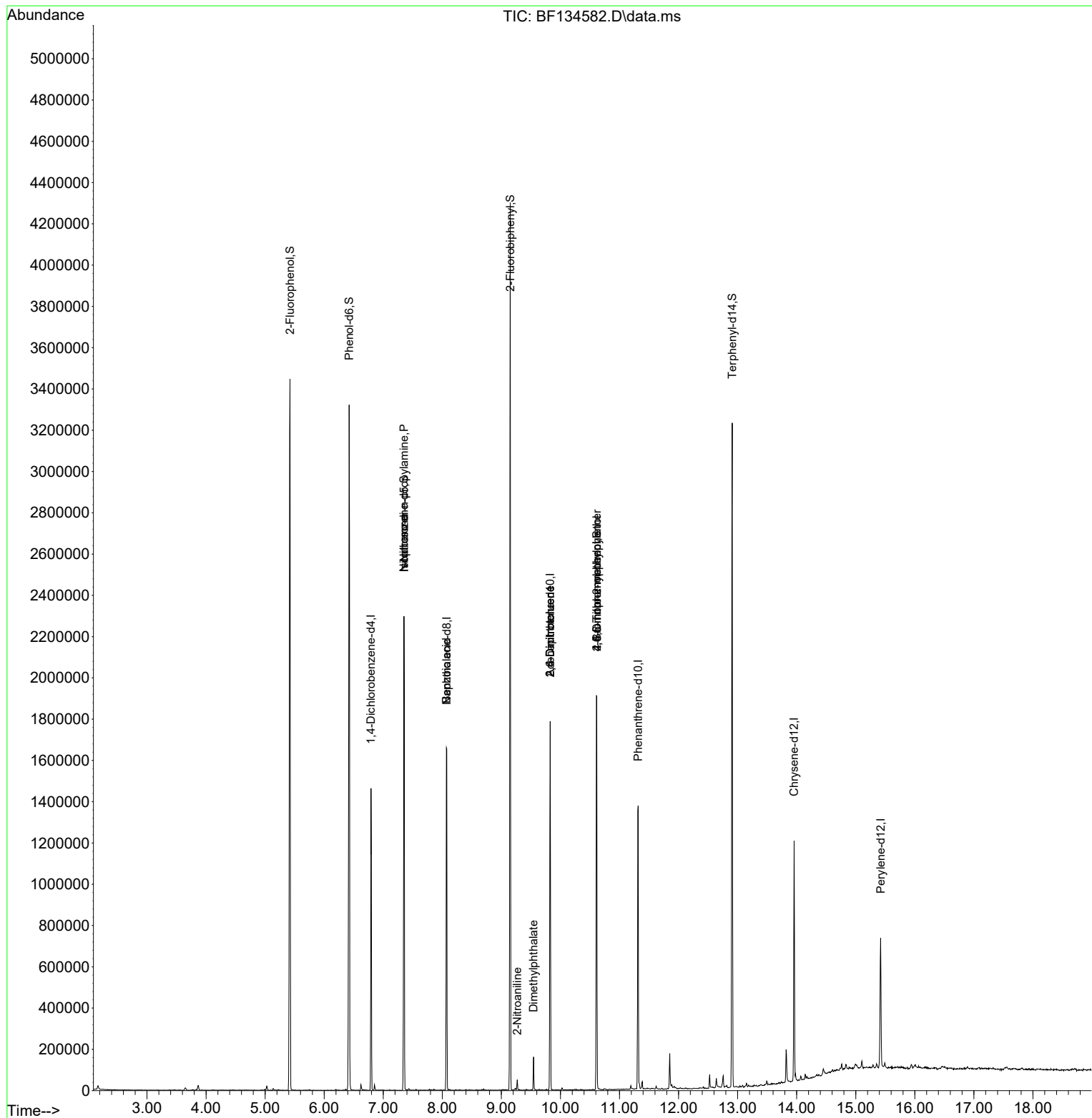
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	191358	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	737015	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	319401	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	513437	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	351060	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	284536	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	982910	78.080	ng	0.00
7) Phenol-d6	6.422	99	1248116	77.561	ng	0.00
23) Nitrobenzene-d5	7.351	82	690791	58.573	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	238395	73.217	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1181950	61.528	ng	0.00
79) Terphenyl-d14	12.910	244	1112255	55.852	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.422	77	2026	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.351	70	91498	9.497 ng	#	76
25) Isophorone	7.351	82	690539	26.845 ng	#	65
32) Benzoic acid	8.069	122	155	7.884 ng	#	1
48) 2-Nitroaniline	9.269	65	443	3.237 ng	#	8
50) Dimethylphthalate	9.545	163	49882	2.291 ng	#	97
51) 2,6-Dinitrotoluene	9.827	165	40856	11.179 ng	#	17
57) 2,4-Dinitrotoluene	9.827	165	40856	9.984 ng	#	18
65) 4,6-Dinitro-2-methylph...	10.616	198	611	8.940 ng	#	1
67) 4-Bromophenyl-phenylether	10.616	248	14869	2.645 ng	#	1

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

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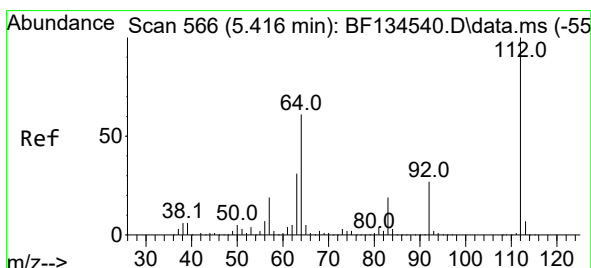
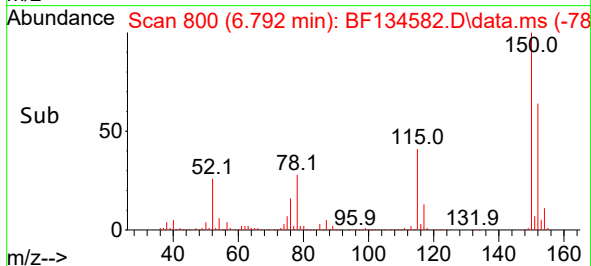
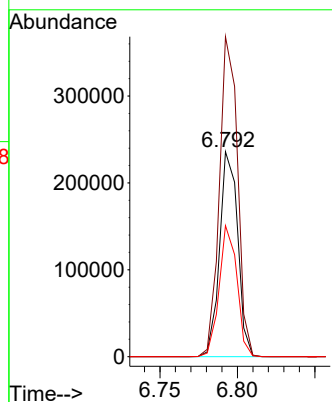
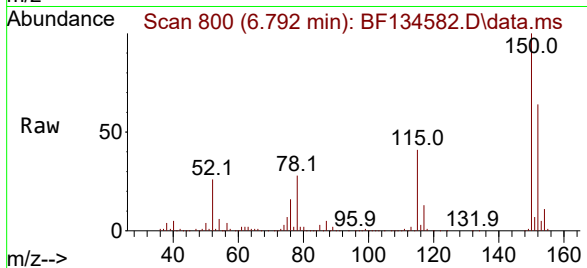




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134582.D
Acq: 02 Aug 2023 16:22

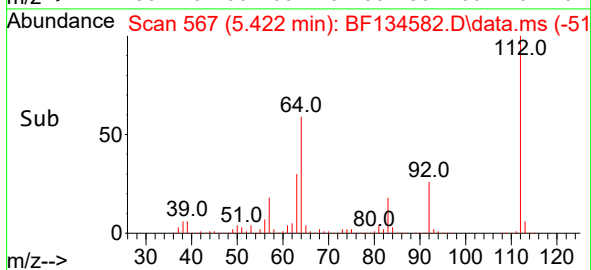
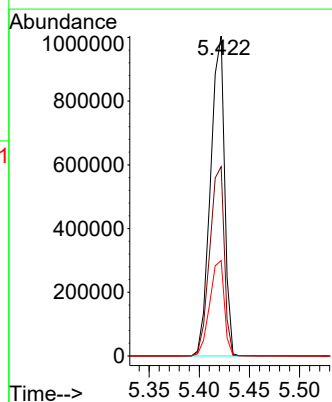
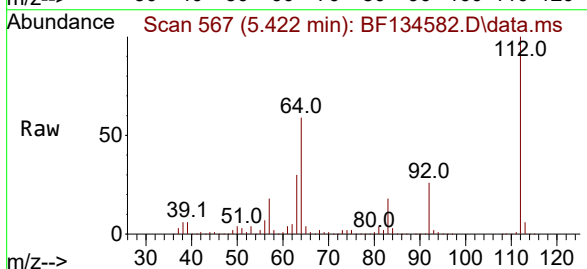
Instrument :
BNA_F
ClientSampleId :
RPTP-3-CS-3

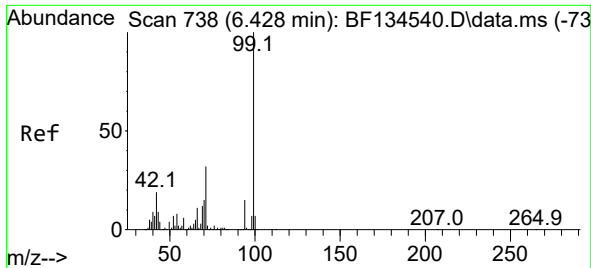
Tgt Ion:152 Resp: 191358
Ion Ratio Lower Upper
152 100
150 156.2 128.3 192.5
115 63.9 52.4 78.6



#5
2-Fluorophenol
Concen: 78.080 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF134582.D
Acq: 02 Aug 2023 16:22

Tgt Ion:112 Resp: 982910
Ion Ratio Lower Upper
112 100
64 59.2 44.9 67.3
63 29.8 25.4 38.0

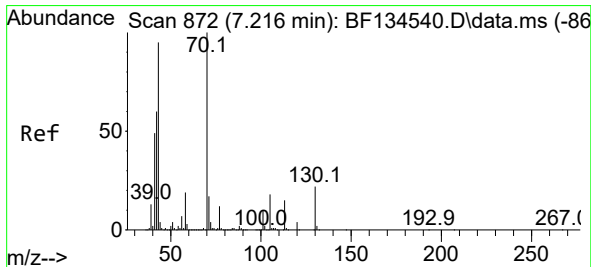
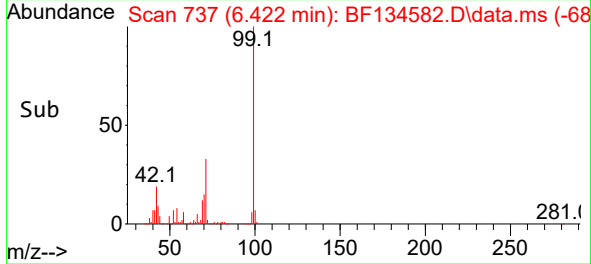
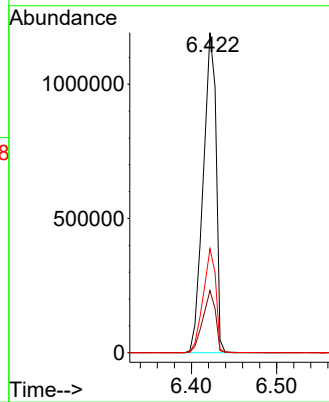
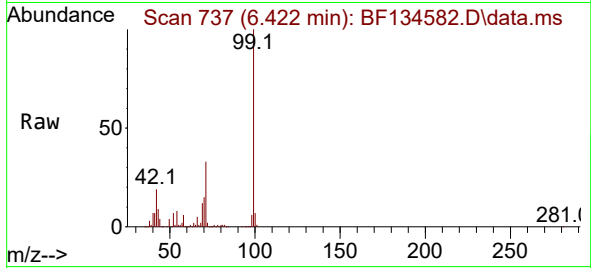




#7
Phenol-d6
Concen: 77.561 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134582.D
Acq: 02 Aug 2023 16:22

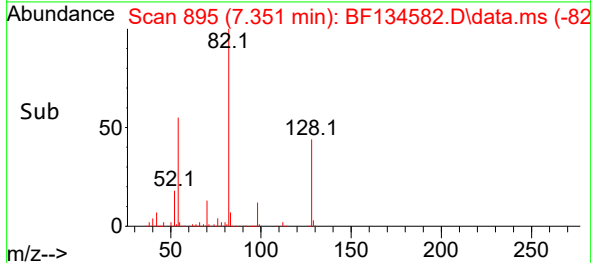
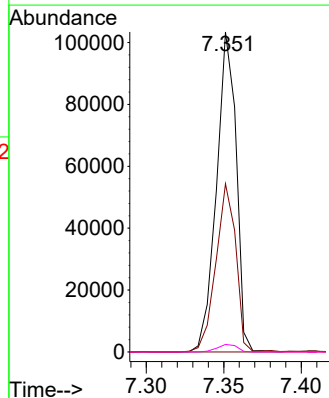
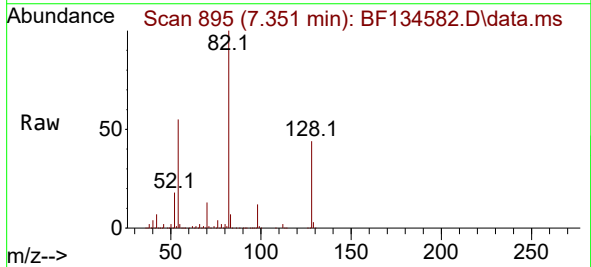
Instrument :
BNA_F
ClientSampleId :
RPTP-3-CS-3

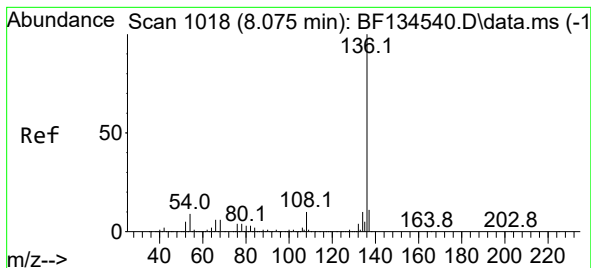
Tgt Ion: 99 Resp: 1248116
Ion Ratio Lower Upper
99 100
42 19.4 18.7 28.1
71 32.5 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 9.497 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134582.D
Acq: 02 Aug 2023 16:22

Tgt Ion: 70 Resp: 91498
Ion Ratio Lower Upper
70 100
42 52.6 54.7 82.1#
101 0.0 8.2 12.2#
130 2.4 15.1 22.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BF134582.D

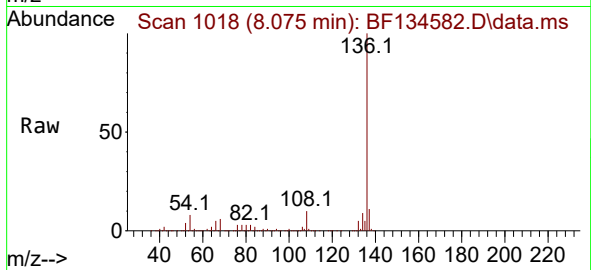
Acq: 02 Aug 2023 16:22

Instrument :

BNA_F

ClientSampleId :

RPTP-3-CS-3



Tgt Ion:136 Resp: 737015

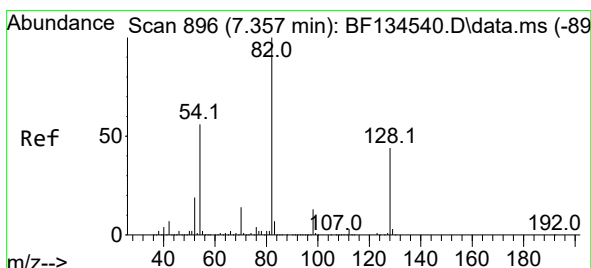
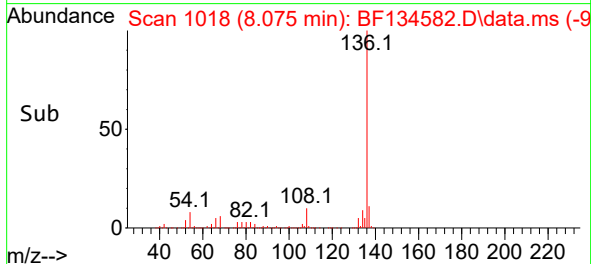
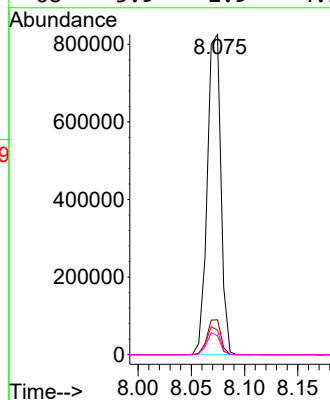
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 7.7 5.2 7.8

68 5.9 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 58.573 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF134582.D

Acq: 02 Aug 2023 16:22

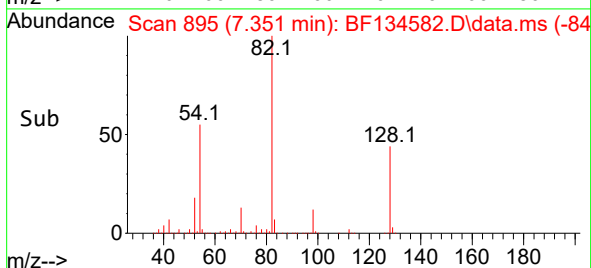
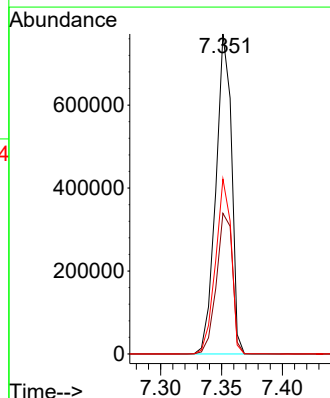
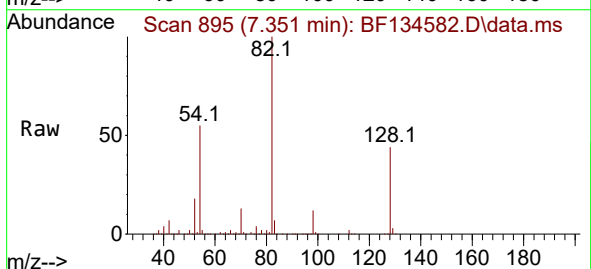
Tgt Ion: 82 Resp: 690791

Ion Ratio Lower Upper

82 100

128 43.9 34.3 51.5

54 54.7 43.8 65.6

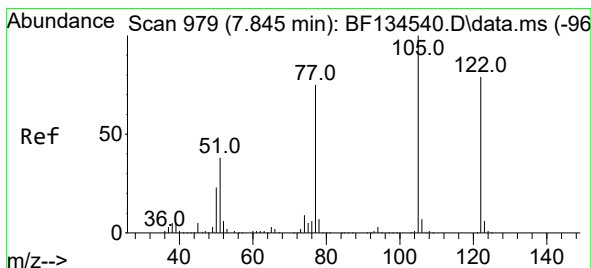
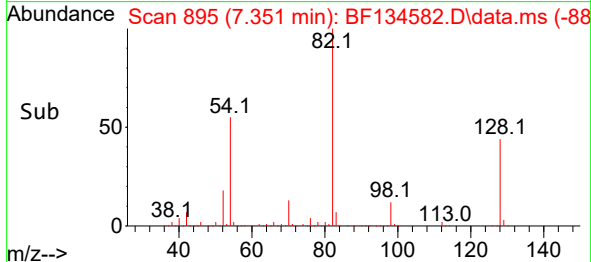
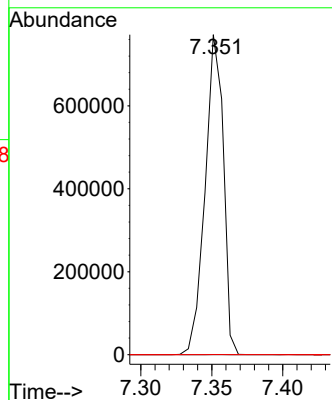
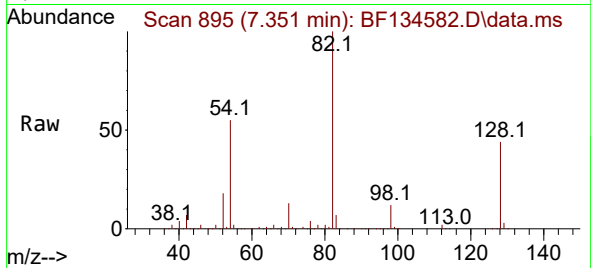




#25
Isophorone
Concen: 26.845 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF134582.D
Acq: 02 Aug 2023 16:22

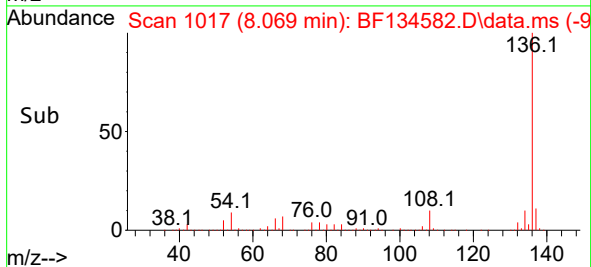
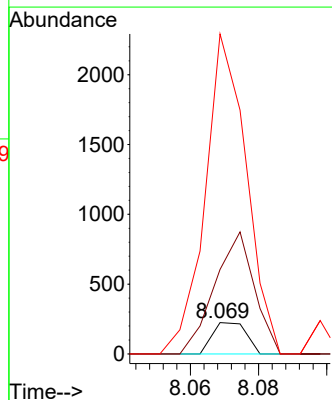
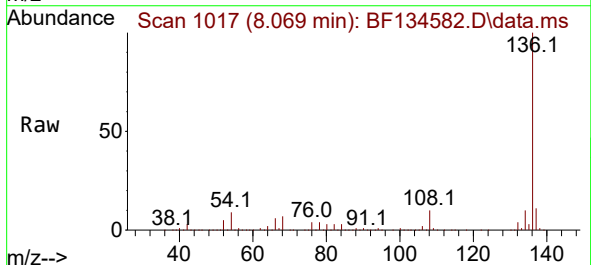
Instrument :
BNA_F
ClientSampleId :
RPTP-3-CS-3

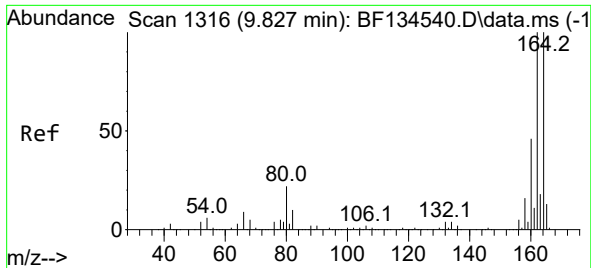
Tgt Ion: 82 Resp: 690539
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.884 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.224 min
Lab File: BF134582.D
Acq: 02 Aug 2023 16:22

Tgt Ion:122 Resp: 155
Ion Ratio Lower Upper
122 100
105 268.9 87.5 127.5#
77 1018.7 71.4 111.4#

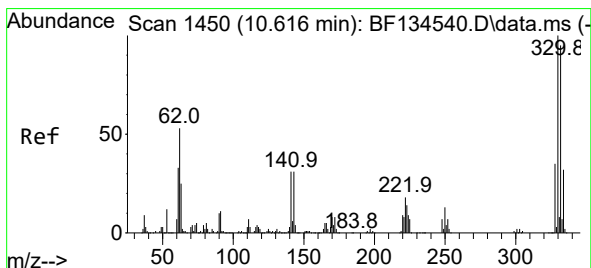
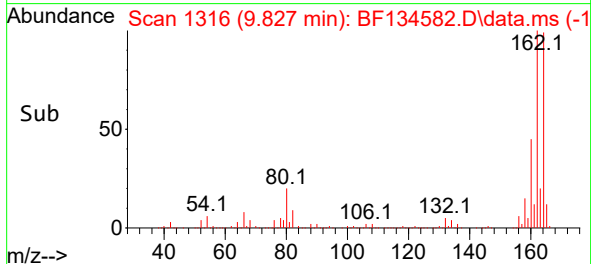
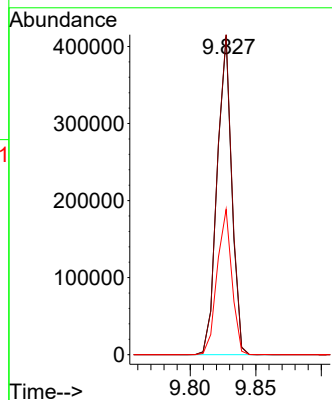
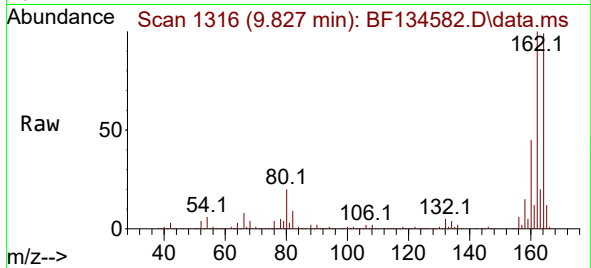




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF134582.D
Acq: 02 Aug 2023 16:22

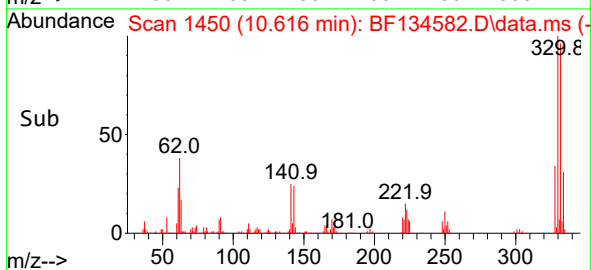
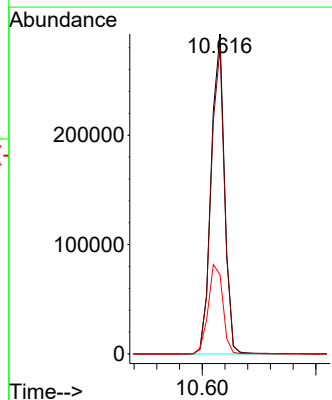
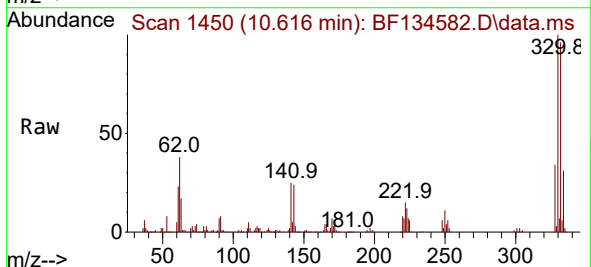
Instrument :
BNA_F
ClientSampleId :
RPTP-3-CS-3

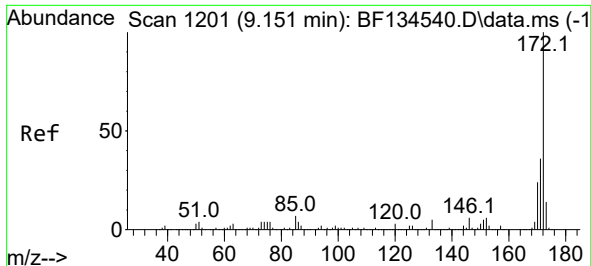
Tgt Ion:164 Resp: 319401
Ion Ratio Lower Upper
164 100
162 100.7 82.6 123.8
160 45.7 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 73.217 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.000 min
Lab File: BF134582.D
Acq: 02 Aug 2023 16:22

Tgt Ion:330 Resp: 238395
Ion Ratio Lower Upper
330 100
332 96.4 78.8 118.2
141 30.7 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 61.528 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134582.D

Acq: 02 Aug 2023 16:22

Instrument :

BNA_F

ClientSampleId :

RPTP-3-CS-3

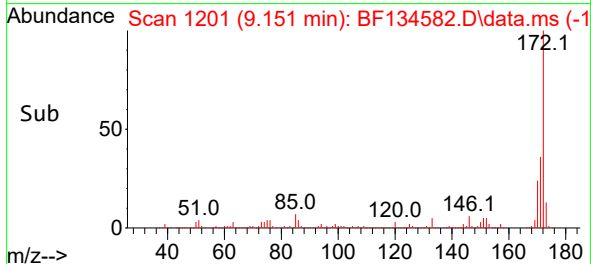
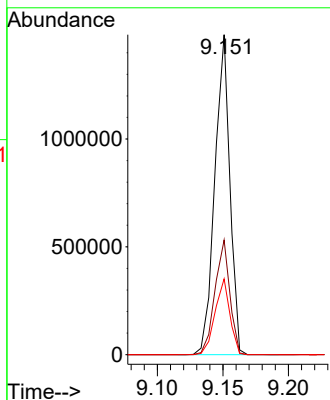
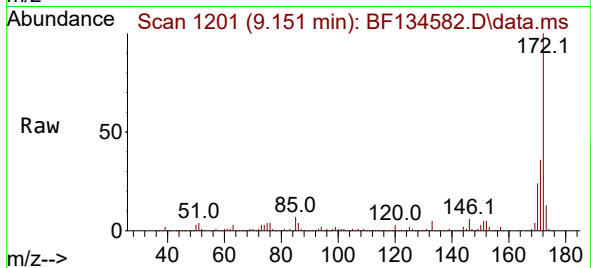
Tgt Ion:172 Resp: 1181950

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.7 18.7 28.1



#48

2-Nitroaniline

Concen: 3.237 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.100 min

Lab File: BF134582.D

Acq: 02 Aug 2023 16:22

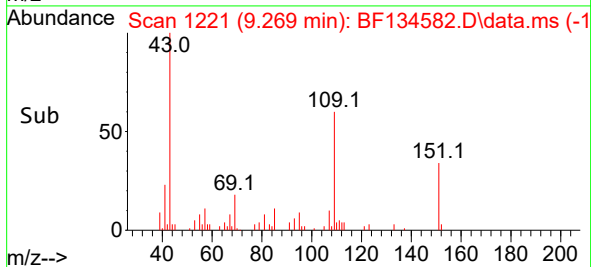
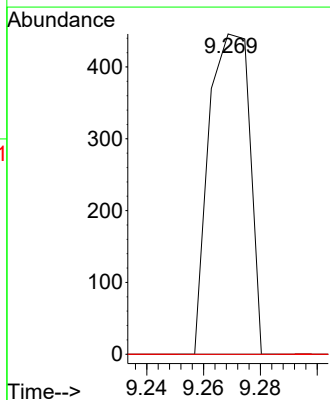
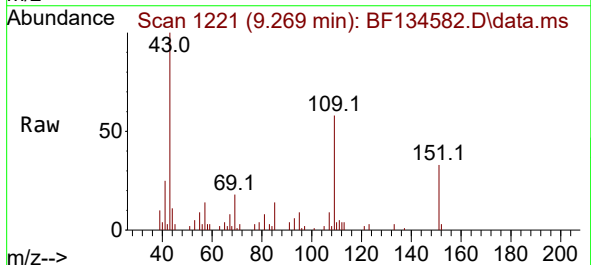
Tgt Ion: 65 Resp: 443

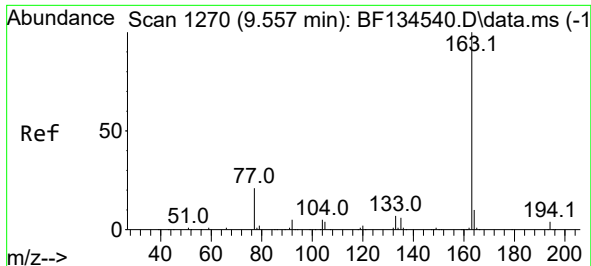
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

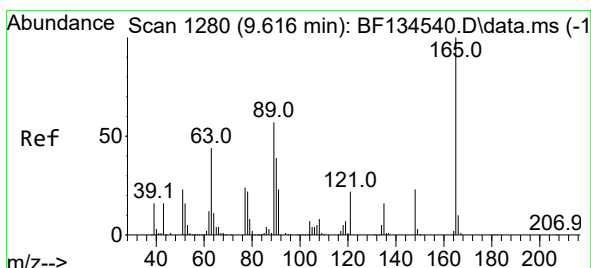
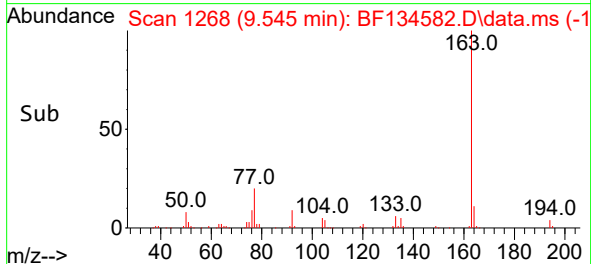
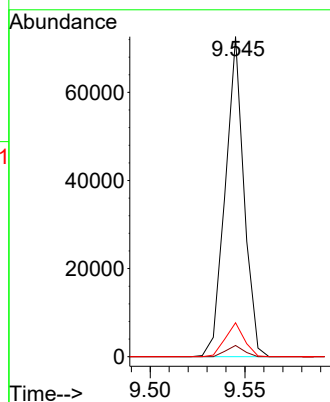
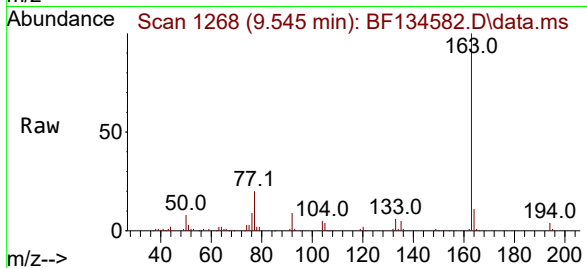




#50
Dimethylphthalate
Concen: 2.291 ng
RT: 9.545 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF134582.D
Acq: 02 Aug 2023 16:22

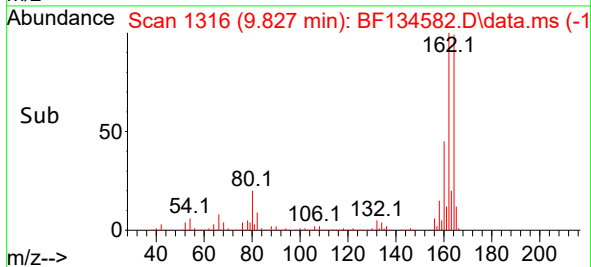
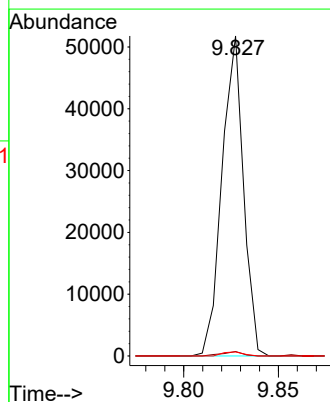
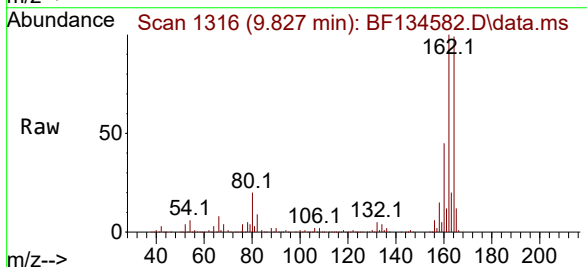
Instrument :
BNA_F
ClientSampleId :
RPTP-3-CS-3

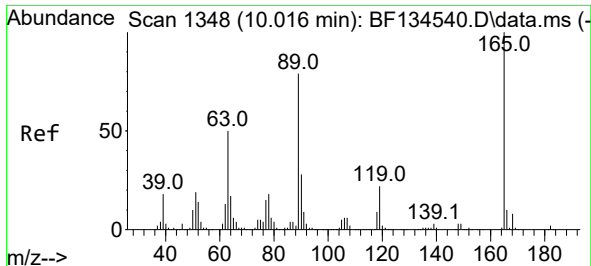
Tgt Ion:163 Resp: 49882
Ion Ratio Lower Upper
163 100
194 3.5 3.3 4.9
164 10.6 7.5 11.3



#51
2,6-Dinitrotoluene
Concen: 11.179 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.211 min
Lab File: BF134582.D
Acq: 02 Aug 2023 16:22

Tgt Ion:165 Resp: 40856
Ion Ratio Lower Upper
165 100
63 1.4 57.8 86.6#
89 1.2 51.8 77.8#

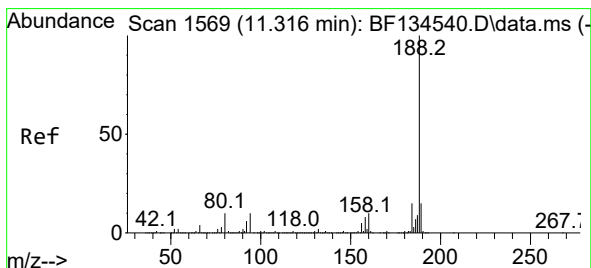
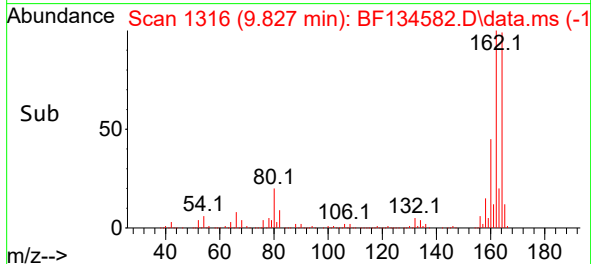
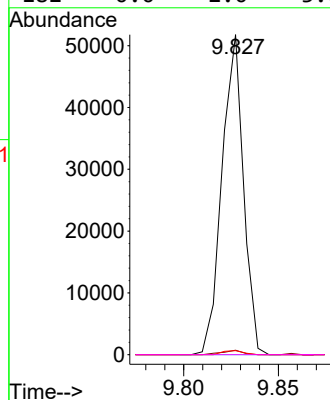
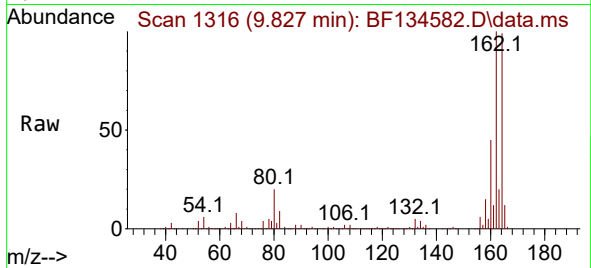




#57
2,4-Dinitrotoluene
Concen: 9.984 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.189 min
Lab File: BF134582.D
Acq: 02 Aug 2023 16:22

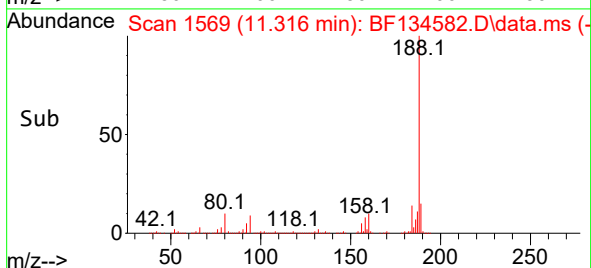
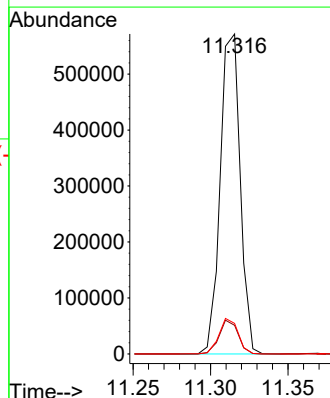
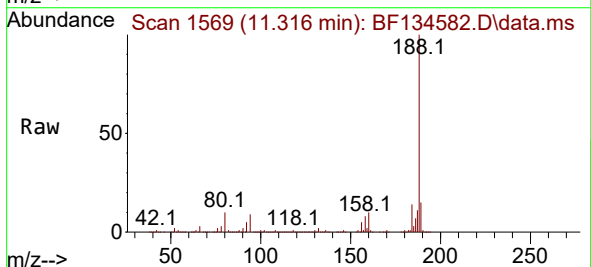
Instrument :
BNA_F
ClientSampleId :
RPTP-3-CS-3

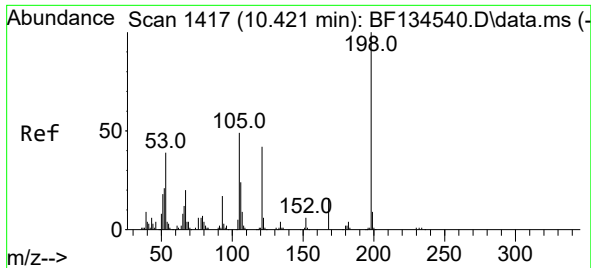
Tgt Ion:165 Resp: 40856
Ion Ratio Lower Upper
165 100
63 1.4 48.9 73.3#
89 1.2 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134582.D
Acq: 02 Aug 2023 16:22

Tgt Ion:188 Resp: 513437
Ion Ratio Lower Upper
188 100
94 8.9 5.1 7.7#
80 9.6 6.6 9.8

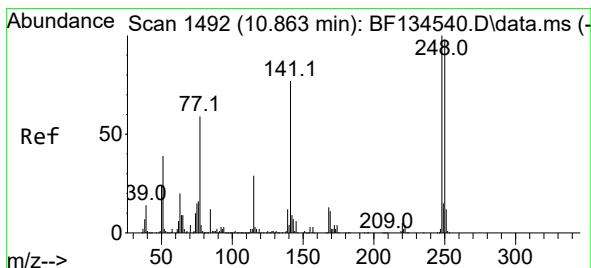
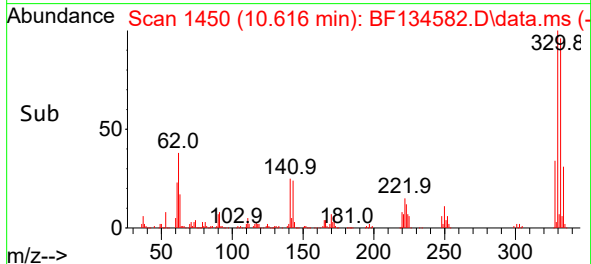
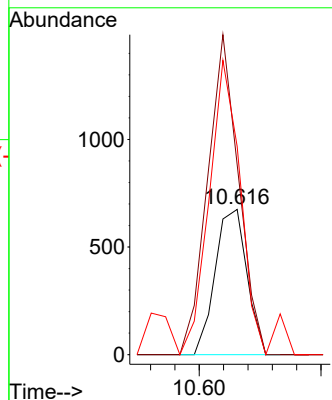
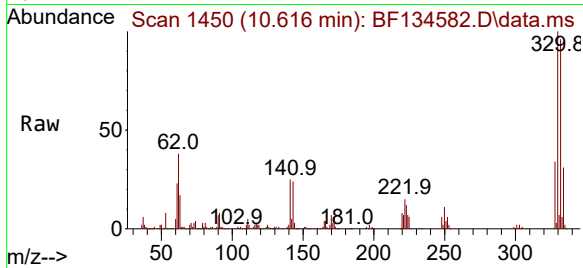




#65
4,6-Dinitro-2-methylphenol
Concen: 8.940 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.195 min
Lab File: BF134582.D
Acq: 02 Aug 2023 16:22

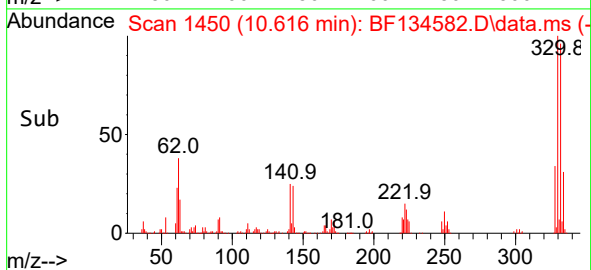
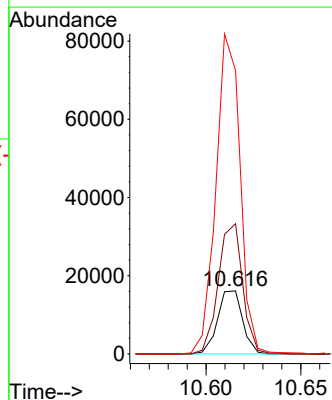
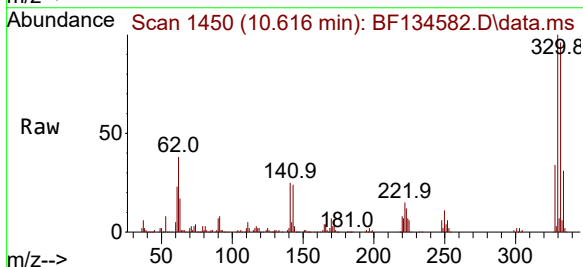
Instrument :
BNA_F
ClientSampleId :
RPTP-3-CS-3

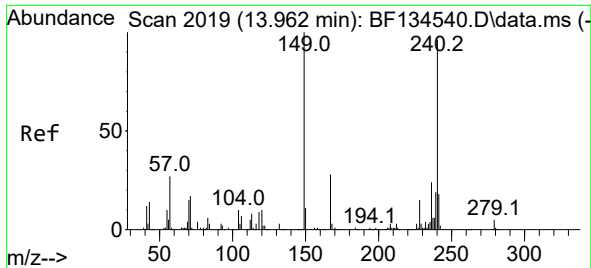
Tgt Ion:198 Resp: 611
Ion Ratio Lower Upper
198 100
51 130.8 38.6 78.6#
105 143.4 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.645 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF134582.D
Acq: 02 Aug 2023 16:22

Tgt Ion:248 Resp: 14869
Ion Ratio Lower Upper
248 100
250 206.6 79.6 119.4#
141 449.3 59.6 89.4#

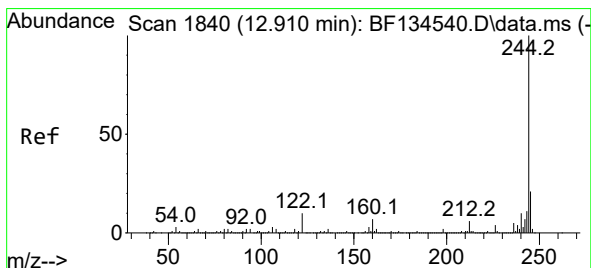
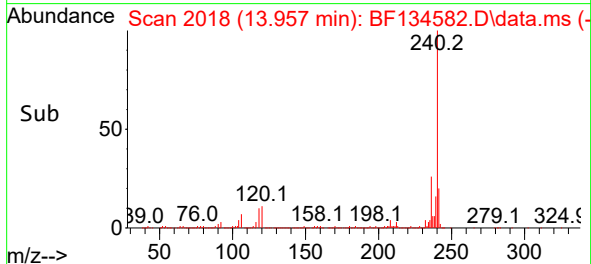
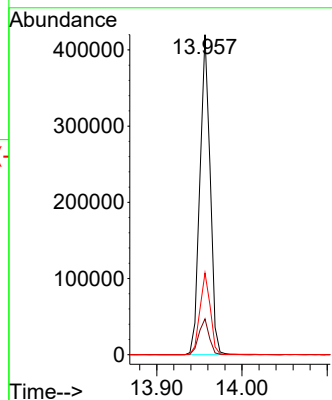
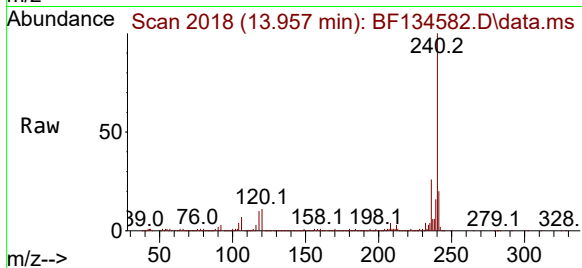




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF134582.D
Acq: 02 Aug 2023 16:22

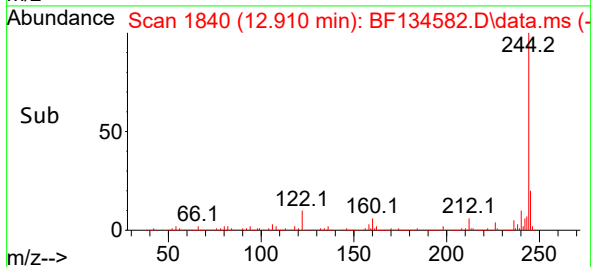
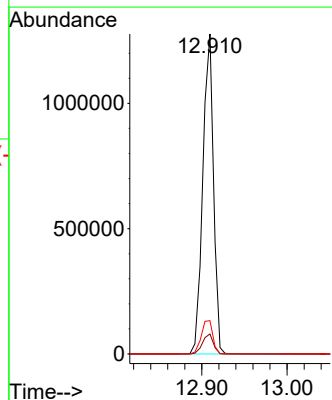
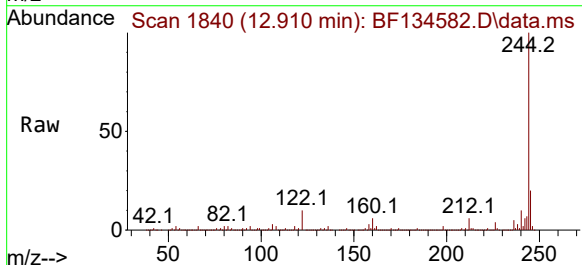
Instrument :
BNA_F
ClientSampleId :
RPTP-3-CS-3

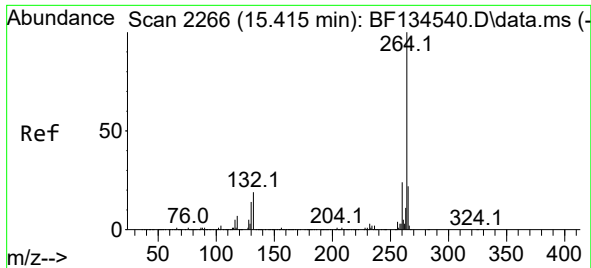
Tgt Ion:240 Resp: 351060
Ion Ratio Lower Upper
240 100
120 11.2 6.6 10.0#
236 25.6 20.2 30.2



#79
Terphenyl-d14
Concen: 55.852 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF134582.D
Acq: 02 Aug 2023 16:22

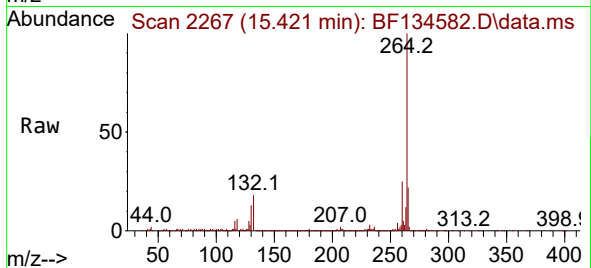
Tgt Ion:244 Resp: 1112255
Ion Ratio Lower Upper
244 100
212 6.3 5.6 8.4
122 10.4 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134582.D
Acq: 02 Aug 2023 16:22

Instrument :
BNA_F
ClientSampleId :
RPTP-3-CS-3



Tgt Ion:264 Resp: 284536
Ion Ratio Lower Upper
264 100
260 25.3 18.4 27.6
265 21.7 15.8 23.8

