

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
 Data File : BF134636.D
 Acq On : 04 Aug 2023 16:59
 Operator : CG\JU
 Sample : 03887-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MCLEAN-TP7

Quant Time: Aug 05 00:07:51 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

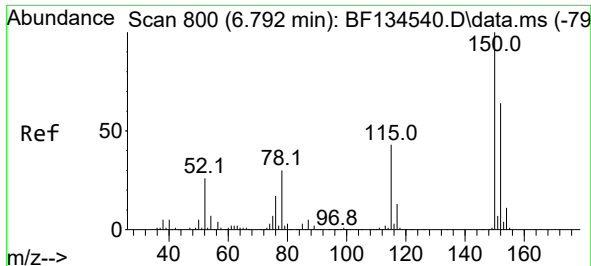
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	172507	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	628341	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	250488	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	399716	20.000	ng	# 0.00
76) Chrysene-d12	13.962	240	410113	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	293943	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	835628	73.634	ng	0.00
7) Phenol-d6	6.428	99	1034965	71.344	ng	-0.01
23) Nitrobenzene-d5	7.357	82	581427	57.827	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	179619	70.343	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	932919	61.925	ng	-0.01
79) Terphenyl-d14	12.915	244	987028	42.427	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.345	77	126	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.357	70	77922	8.971	ng	# 72
25) Isophorone	7.357	82	578341	26.372	ng	# 65
32) Benzoic acid	8.075	122	61	7.875	ng	# 1
48) 2-Nitroaniline	9.151	65	1514	3.477	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	32356	11.264	ng	# 17
57) 2,4-Dinitrotoluene	9.827	165	32356	10.054	ng	# 18
63) Azobenzene	10.545	77	43028	2.475	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.616	198	394	8.899	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	11399	2.605	ng	# 1

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

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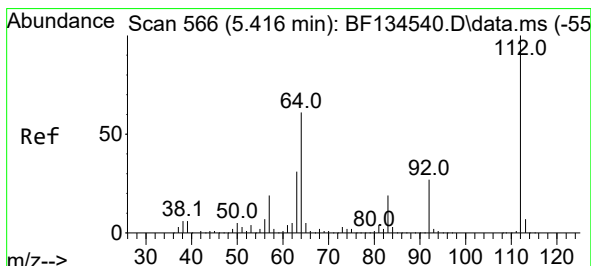
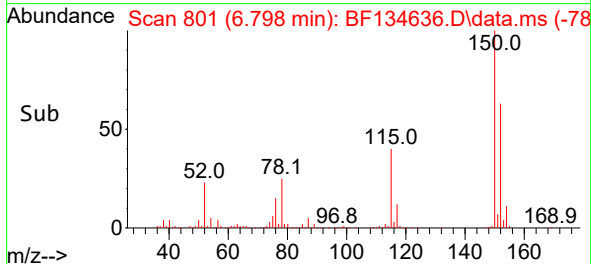
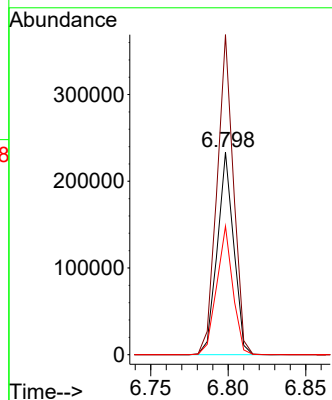
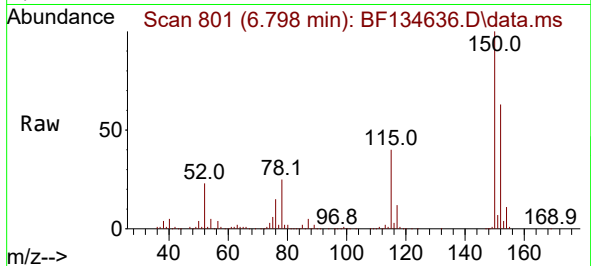




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF134636.D
 Acq: 04 Aug 2023 16:59

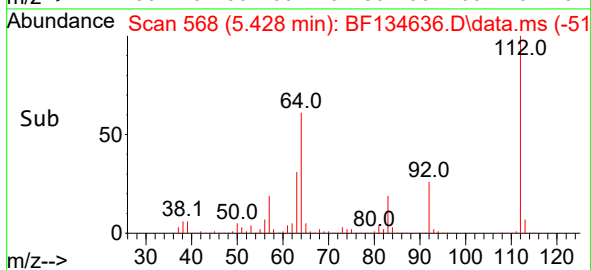
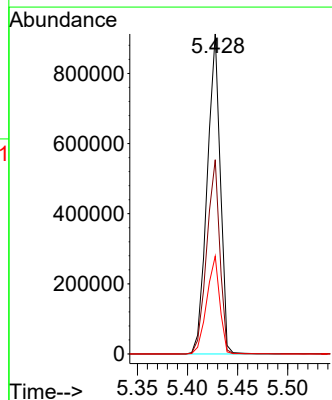
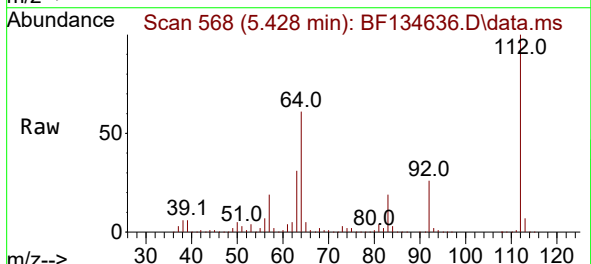
Instrument :
 BNA_F
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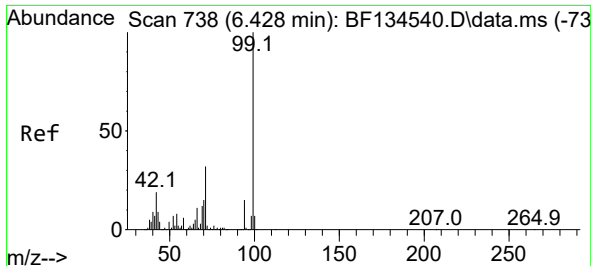
Tgt Ion:152 Resp: 172507
 Ion Ratio Lower Upper
 152 100
 150 158.0 128.3 192.5
 115 63.5 52.4 78.6



#5
 2-Fluorophenol
 Concen: 73.634 ng
 RT: 5.428 min Scan# 568
 Delta R.T. -0.000 min
 Lab File: BF134636.D
 Acq: 04 Aug 2023 16:59

Tgt Ion:112 Resp: 835628
 Ion Ratio Lower Upper
 112 100
 64 60.7 44.9 67.3
 63 30.5 25.4 38.0

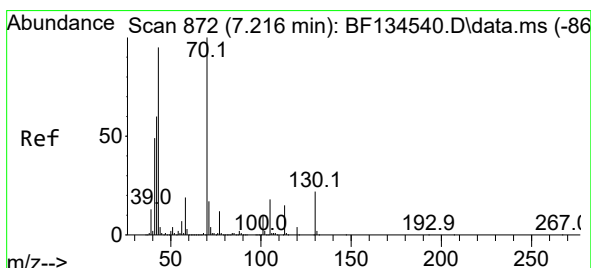
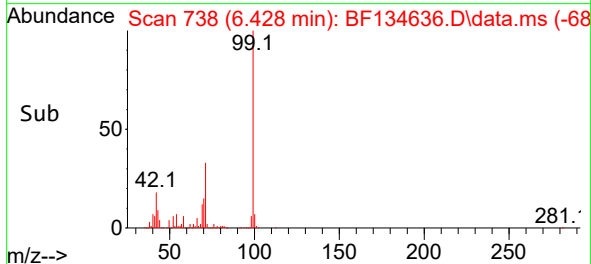
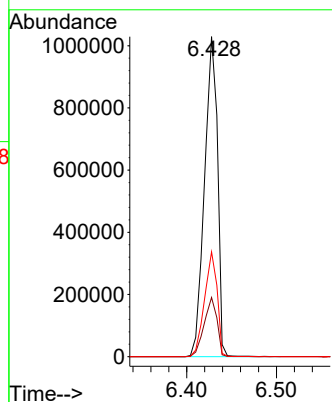
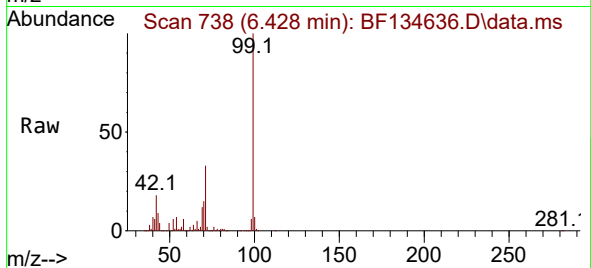




#7
Phenol-d6
Concen: 71.344 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134636.D
Acq: 04 Aug 2023 16:59

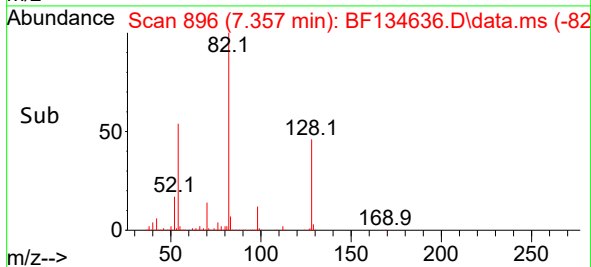
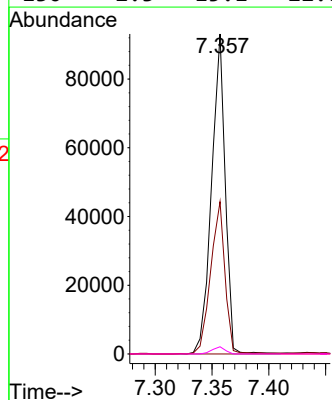
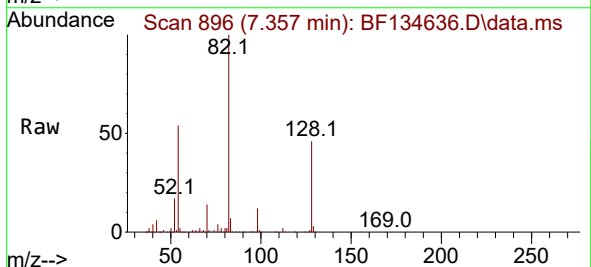
Instrument :
BNA_F
ClientSampleId :
MCLEAN-TP7

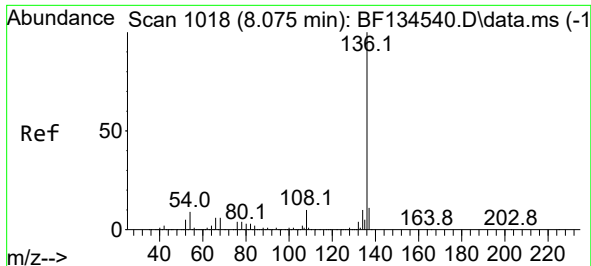
Tgt Ion: 99 Resp: 1034965
Ion Ratio Lower Upper
99 100
42 18.5 18.7 28.1#
71 32.7 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 8.971 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134636.D
Acq: 04 Aug 2023 16:59

Tgt Ion: 70 Resp: 77922
Ion Ratio Lower Upper
70 100
42 47.6 54.7 82.1#
101 0.0 8.2 12.2#
130 2.3 15.1 22.7#

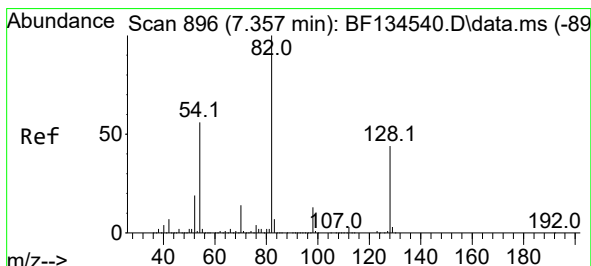
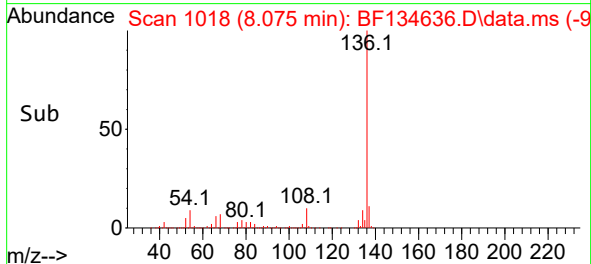
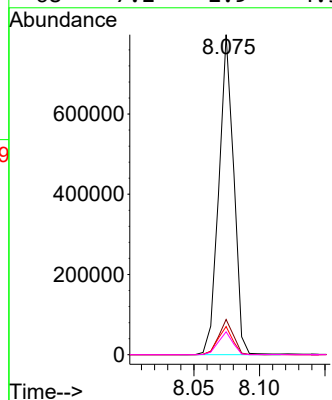
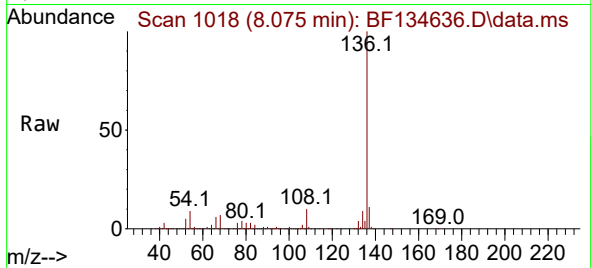




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134636.D
Acq: 04 Aug 2023 16:59

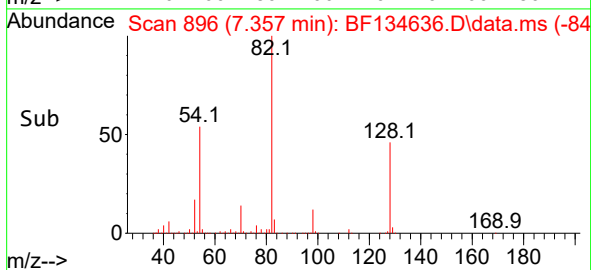
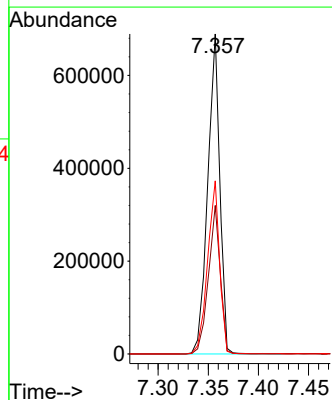
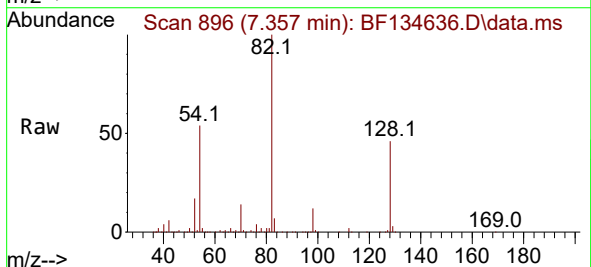
Instrument :
BNA_F
ClientSampleId :
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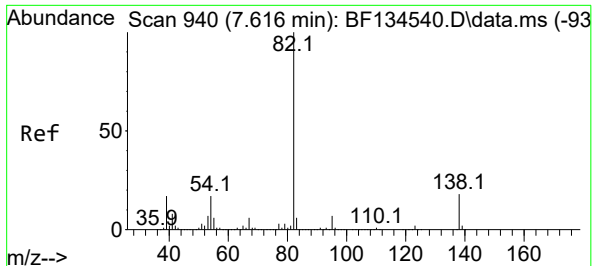
Tgt Ion:136 Resp: 628341
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.8 5.2 7.8#
68 7.2 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 57.827 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134636.D
Acq: 04 Aug 2023 16:59

Tgt Ion: 82 Resp: 581427
Ion Ratio Lower Upper
82 100
128 46.4 34.3 51.5
54 54.1 43.8 65.6

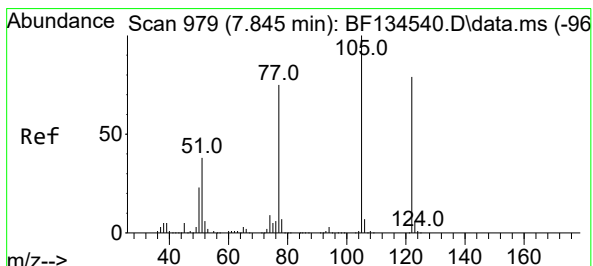
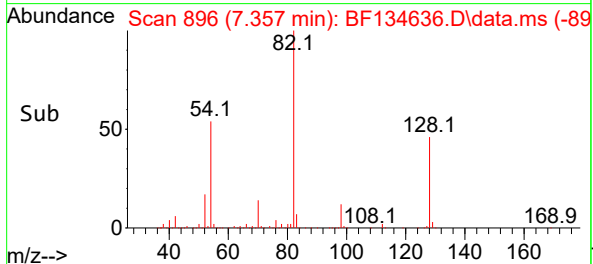
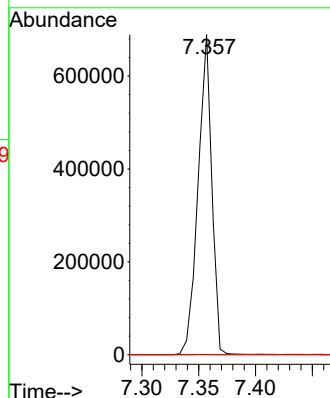
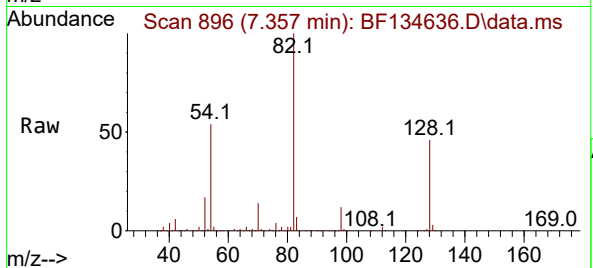




#25
Isophorone
Concen: 26.372 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.271 min
Lab File: BF134636.D
Acq: 04 Aug 2023 16:59

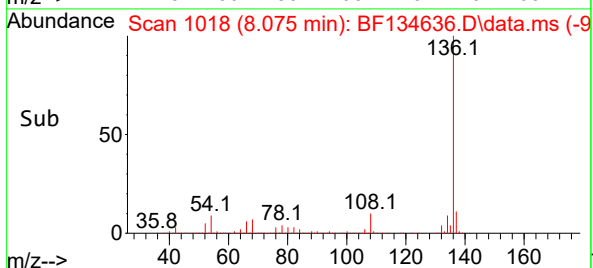
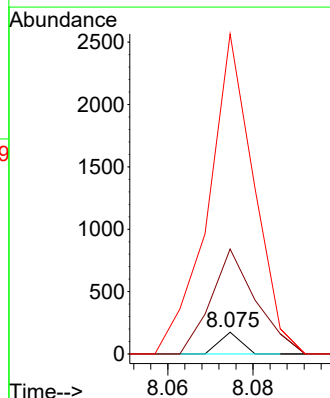
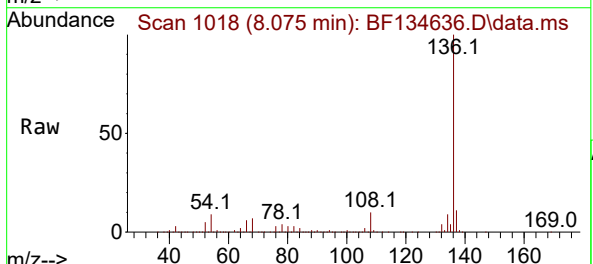
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ClientSampleId :
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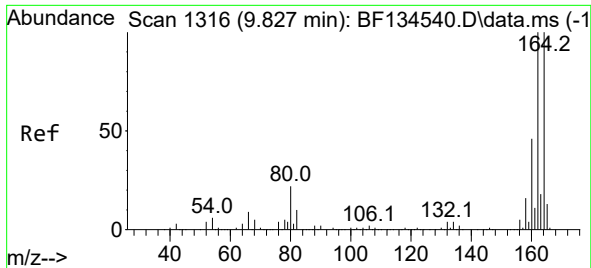
Tgt Ion: 82 Resp: 578341
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.875 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.212 min
Lab File: BF134636.D
Acq: 04 Aug 2023 16:59

Tgt Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 483.9 87.5 127.5#
77 1474.7 71.4 111.4#

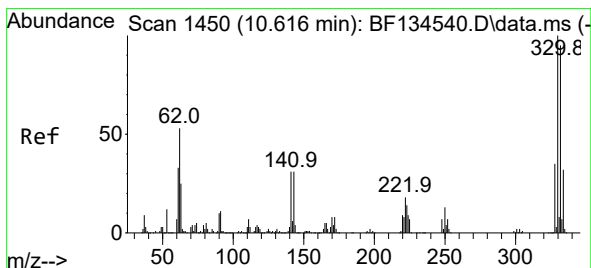
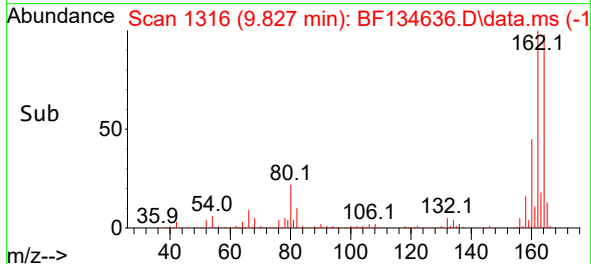
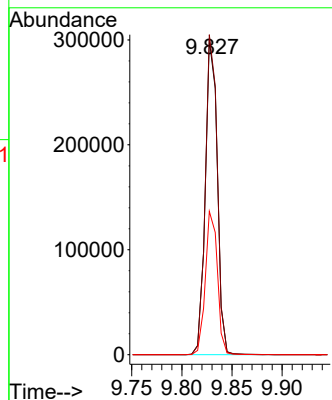
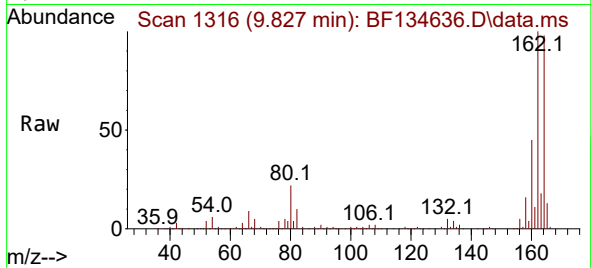




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134636.D
Acq: 04 Aug 2023 16:59

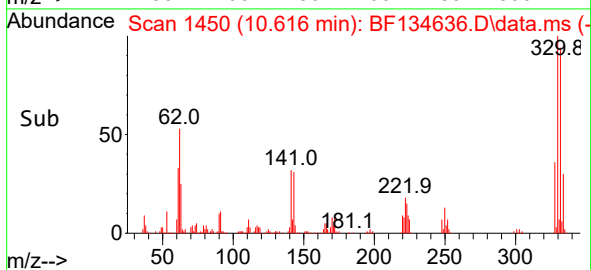
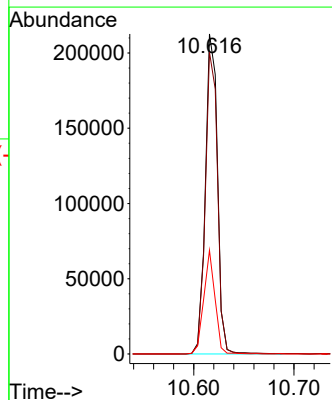
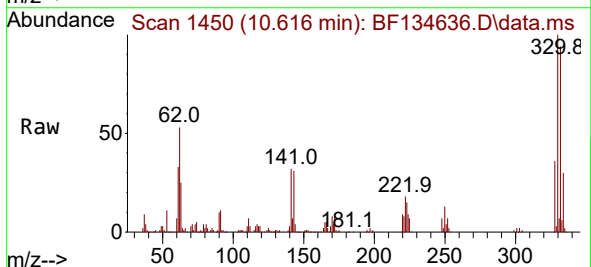
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ClientSampleId :
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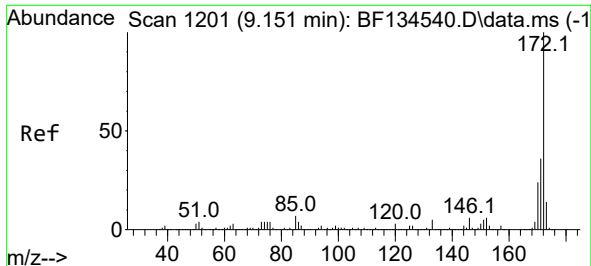
Tgt Ion:164 Resp: 250488
Ion Ratio Lower Upper
164 100
162 101.7 82.6 123.8
160 45.6 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 70.343 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134636.D
Acq: 04 Aug 2023 16:59

Tgt Ion:330 Resp: 179619
Ion Ratio Lower Upper
330 100
332 95.4 78.8 118.2
141 30.1 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 61.925 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF134636.D

Acq: 04 Aug 2023 16:59

Instrument :

BNA_F

ClientSampleId :

MCLEAN-TP7

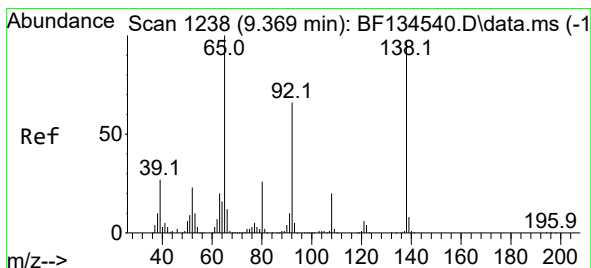
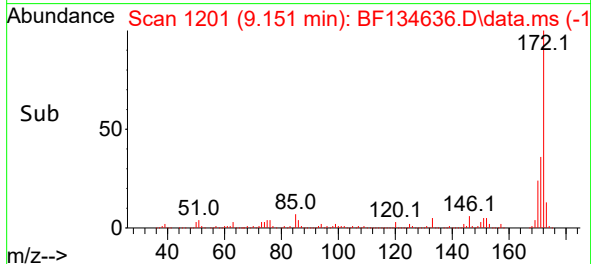
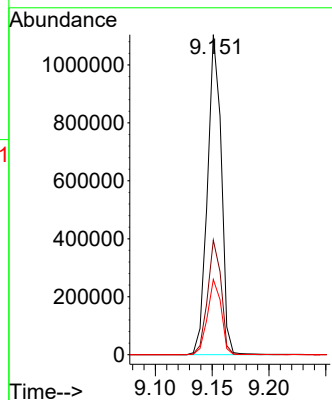
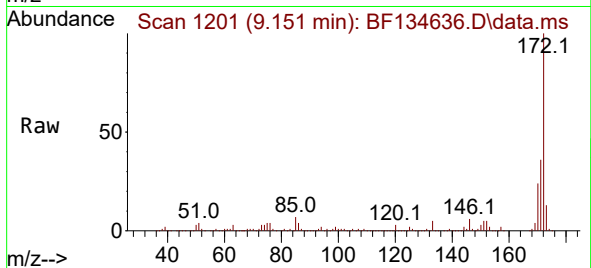
Tgt Ion:172 Resp: 932919

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.5 18.7 28.1



#48

2-Nitroaniline

Concen: 3.477 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.229 min

Lab File: BF134636.D

Acq: 04 Aug 2023 16:59

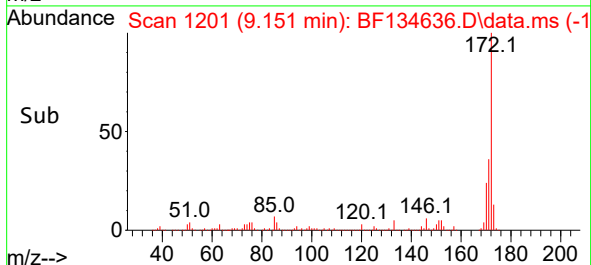
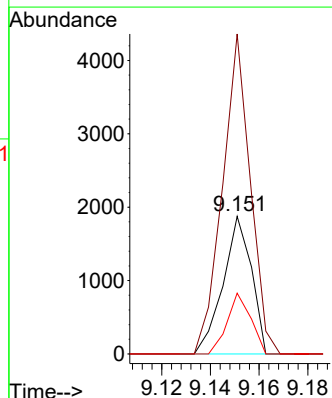
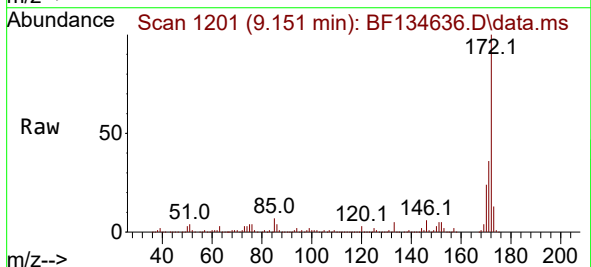
Tgt Ion: 65 Resp: 1514

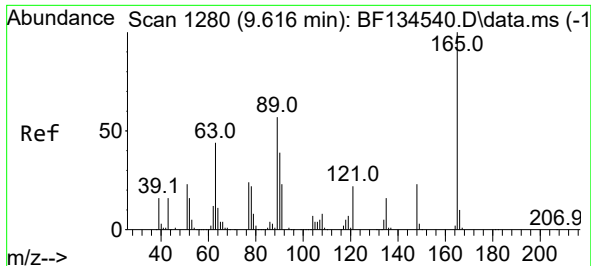
Ion Ratio Lower Upper

65 100

92 232.5 50.7 76.1#

138 44.1 78.2 117.4#

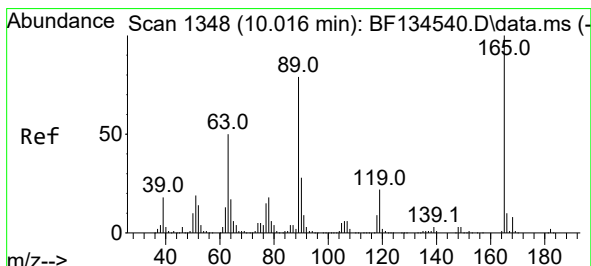
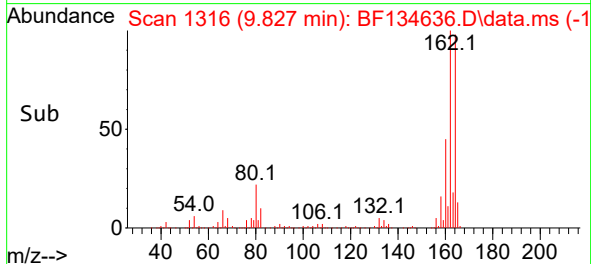
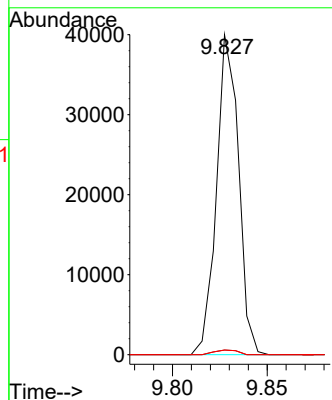
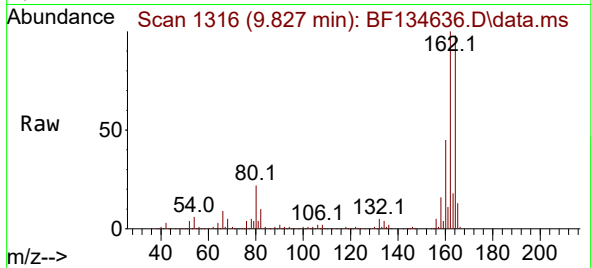




#51
2,6-Dinitrotoluene
Concen: 11.264 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF134636.D
Acq: 04 Aug 2023 16:59

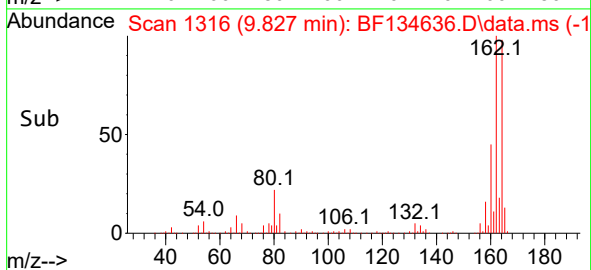
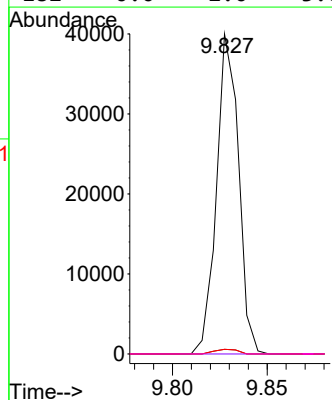
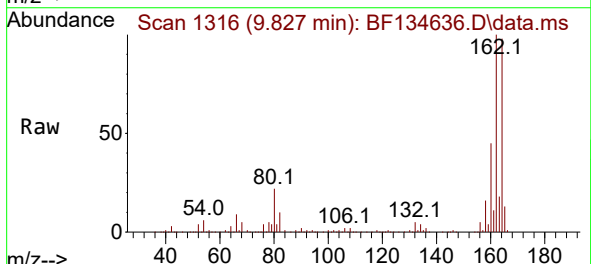
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BNA_F
ClientSampleId :
MCLEAN-TP7

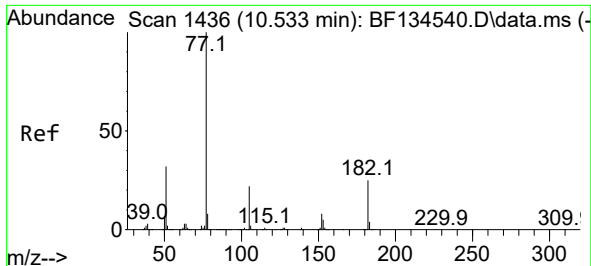
Tgt Ion:165 Resp: 32356
Ion Ratio Lower Upper
165 100
63 1.5 57.8 86.6#
89 1.5 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 10.054 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF134636.D
Acq: 04 Aug 2023 16:59

Tgt Ion:165 Resp: 32356
Ion Ratio Lower Upper
165 100
63 1.5 48.9 73.3#
89 1.5 61.7 92.5#
182 0.0 2.0 3.0#

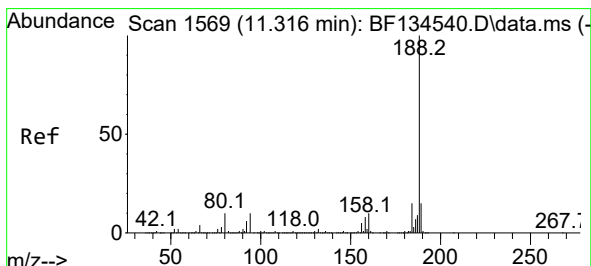
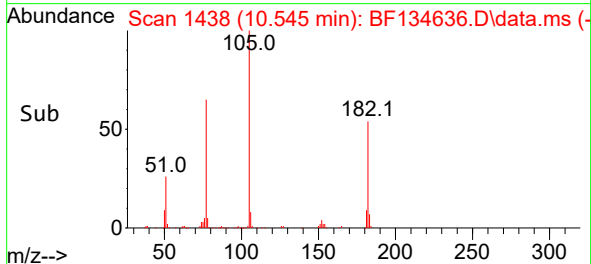
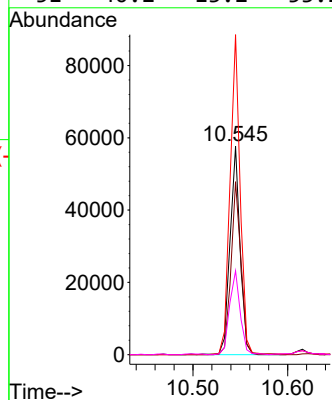
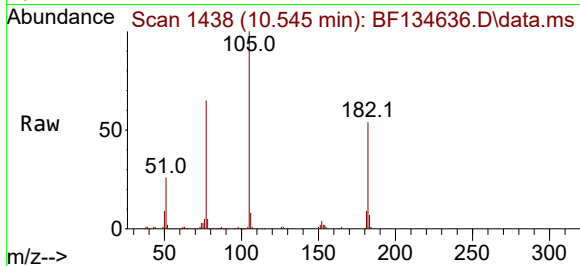




#63
Azobenzene
Concen: 2.475 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF134636.D
Acq: 04 Aug 2023 16:59

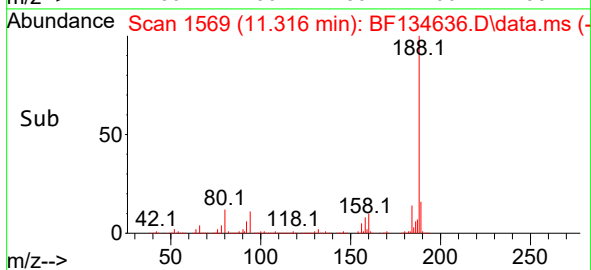
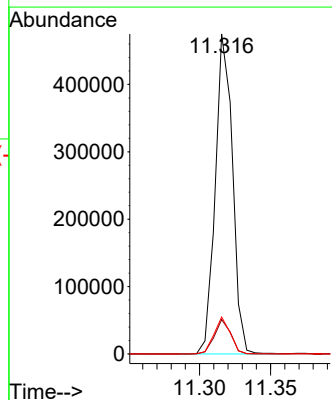
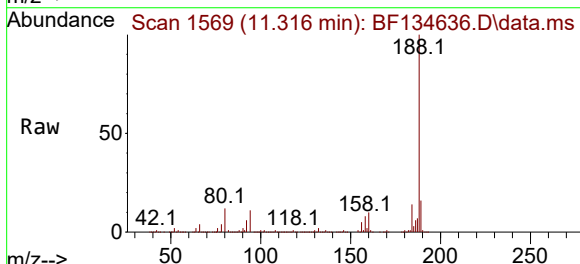
Instrument :
BNA_F
ClientSampleId :
MCLEAN-TP7

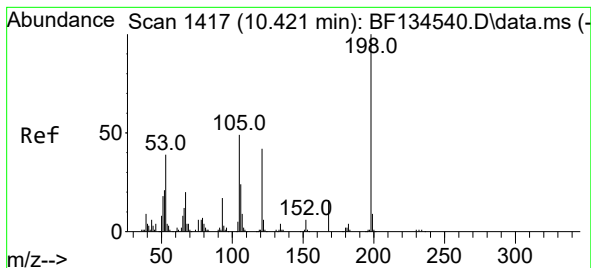
Tgt Ion: 77 Resp: 43028
Ion Ratio Lower Upper
77 100
182 83.0 7.5 47.5#
105 153.6 1.9 41.9#
51 40.2 13.2 53.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134636.D
Acq: 04 Aug 2023 16:59

Tgt Ion: 188 Resp: 399716
Ion Ratio Lower Upper
188 100
94 10.8 5.1 7.7#
80 11.5 6.6 9.8#

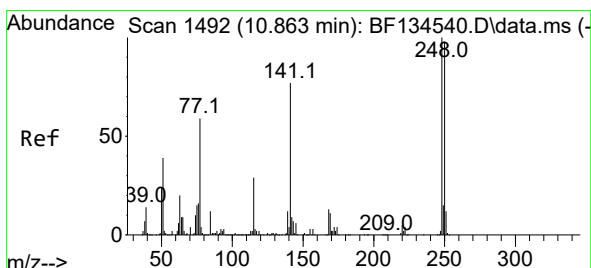
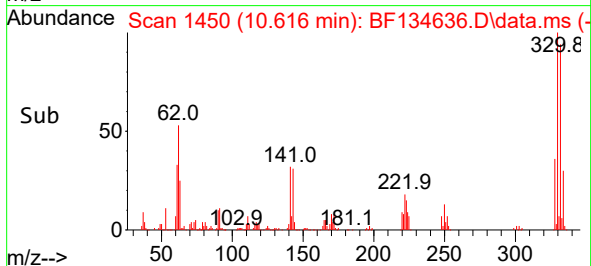
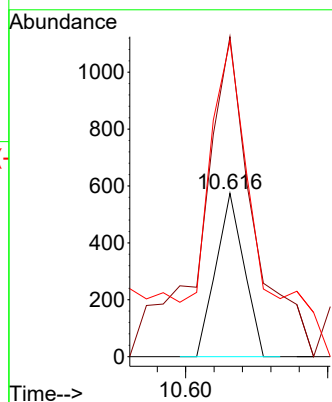
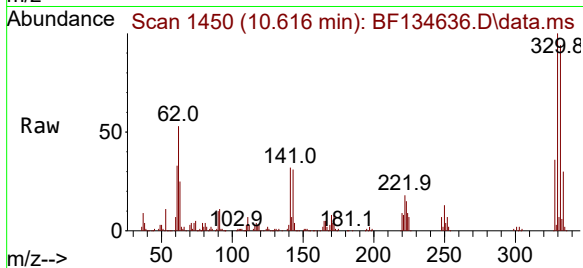




#65
4,6-Dinitro-2-methylphenol
Concen: 8.899 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.176 min
Lab File: BF134636.D
Acq: 04 Aug 2023 16:59

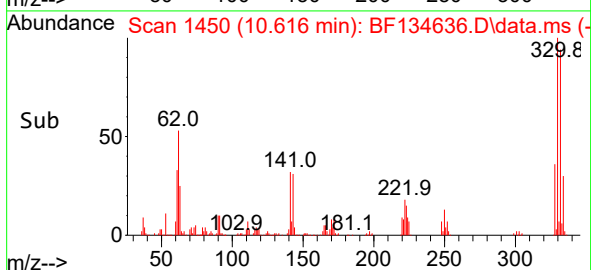
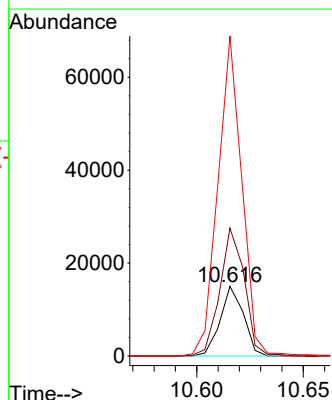
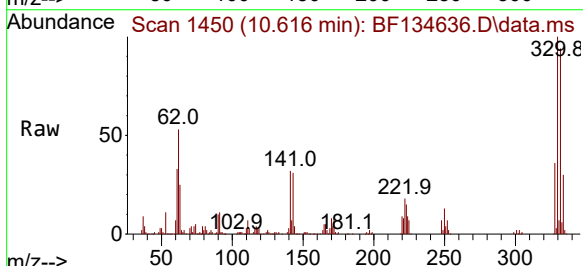
Instrument :
BNA_F
ClientSampleId :
MCLEAN-TP7

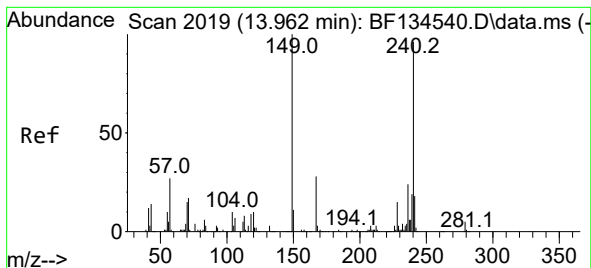
Tgt Ion:198 Resp: 394
Ion Ratio Lower Upper
198 100
51 196.0 38.6 78.6#
105 193.4 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.605 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF134636.D
Acq: 04 Aug 2023 16:59

Tgt Ion:248 Resp: 11399
Ion Ratio Lower Upper
248 100
250 183.9 79.6 119.4#
141 460.2 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF134636.D

Acq: 04 Aug 2023 16:59

Instrument :

BNA_F

ClientSampleId :

MCLEAN-TP7

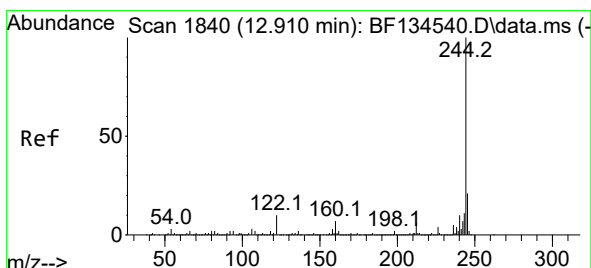
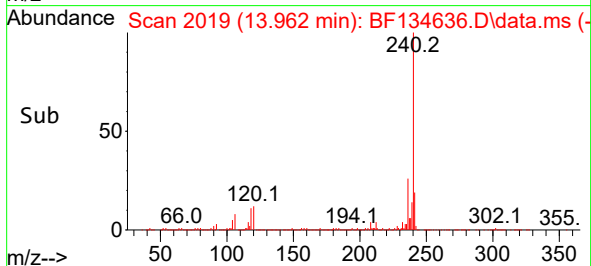
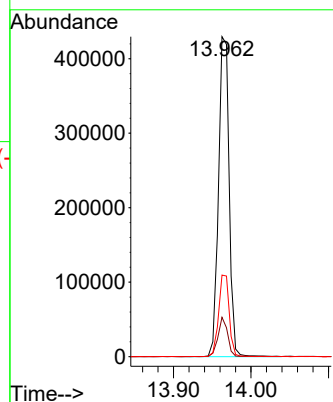
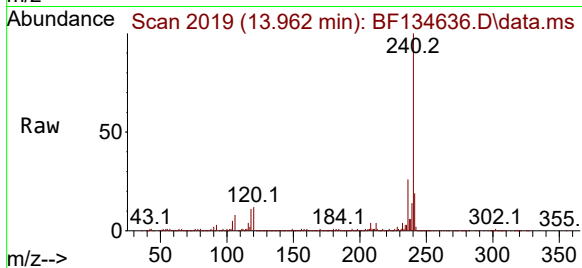
Tgt Ion:240 Resp: 410113

Ion Ratio Lower Upper

240 100

120 12.3 6.6 10.0#

236 25.5 20.2 30.2



#79

Terphenyl-d14

Concen: 42.427 ng

RT: 12.915 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF134636.D

Acq: 04 Aug 2023 16:59

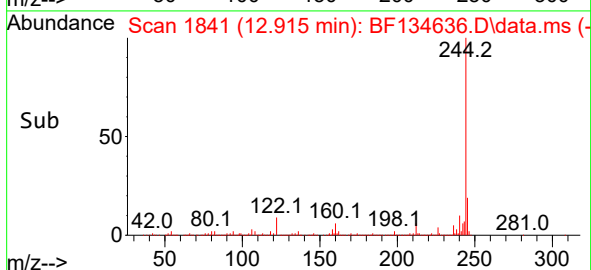
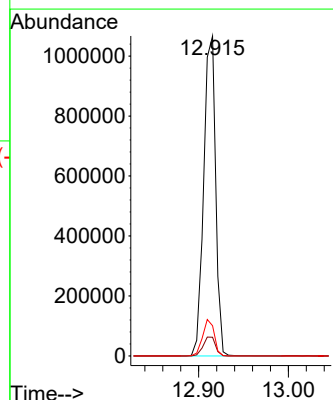
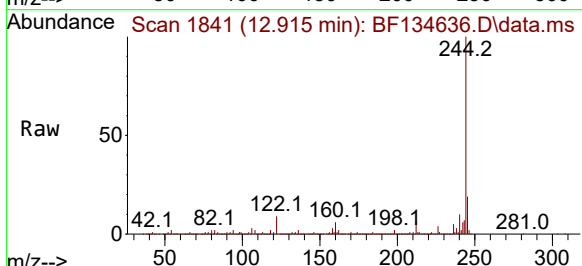
Tgt Ion:244 Resp: 987028

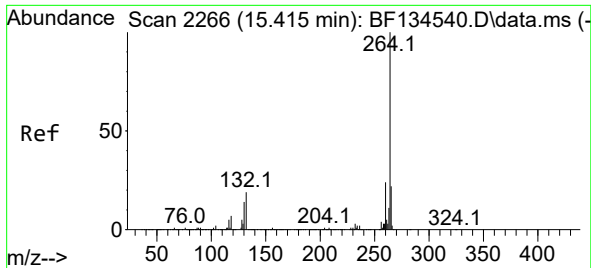
Ion Ratio Lower Upper

244 100

212 5.8 5.6 8.4

122 9.4 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: BF134636.D
Acq: 04 Aug 2023 16:59

Instrument :
BNA_F
ClientSampleId :
MCLEAN-TP7

Tgt	Ion:264	Resp:	293943
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	21.3	15.8	23.8

