

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
 Data File : BF136454.D
 Acq On : 07 Dec 2023 19:01
 Operator : CG\JU
 Sample : 05599-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-04

Quant Time: Dec 08 00:42:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

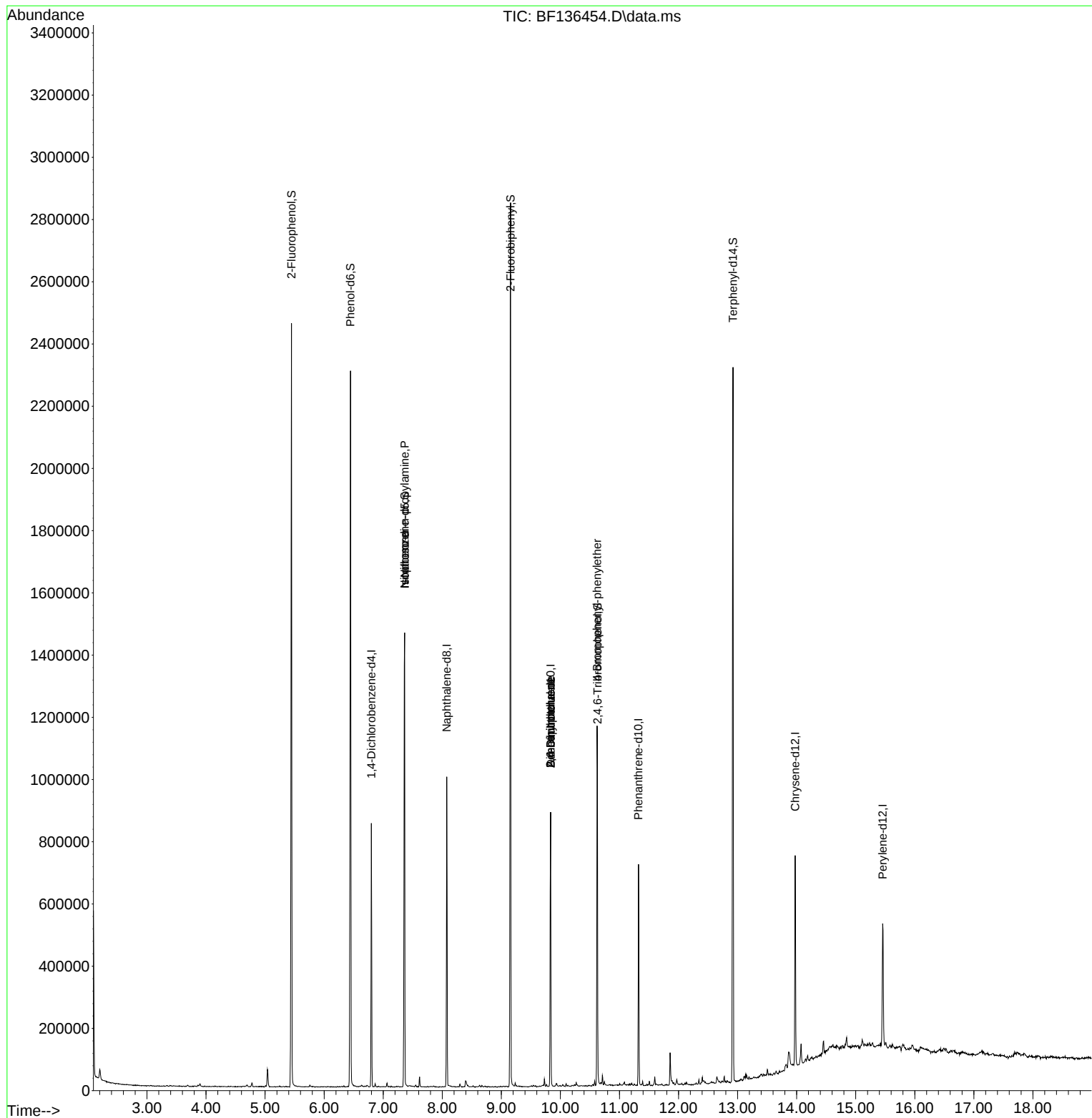
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	110379	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	413264	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	166000	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	244358	20.000	ng	0.00
76) Chrysene-d12	13.974	240	221699	20.000	ng	0.00
86) Perylene-d12	15.457	264	195411	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	661674	88.529	ng	0.01
7) Phenol-d6	6.446	99	810010	86.864	ng	0.00
23) Nitrobenzene-d5	7.363	82	492971	64.487	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	149354	72.970	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	910878	74.873	ng	0.00
79) Terphenyl-d14	12.922	244	793569	47.179	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.446	77	1288	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	7.363	70	64285	11.951	ng	# 75
25) Isophorone	7.363	82	492965	35.894	ng	# 65
50) Dimethylphthalate	9.834	163	33602	2.749	ng	# 1
51) 2,6-Dinitrotoluene	9.834	165	20179	7.339	ng	# 28
57) 2,4-Dinitrotoluene	9.834	165	20179	5.548	ng	# 28
67) 4-Bromophenyl-phenylether	10.622	248	8951	3.151	ng	# 1
77) Benzidine	12.922	184	9044	Below Cal		94

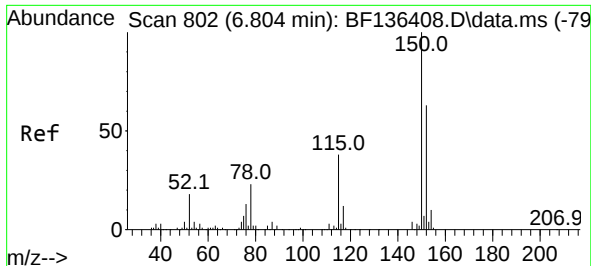
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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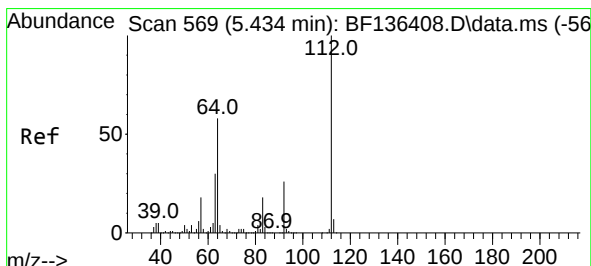
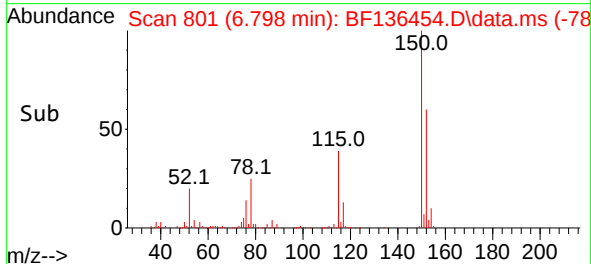
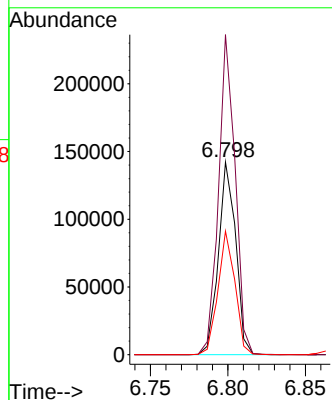
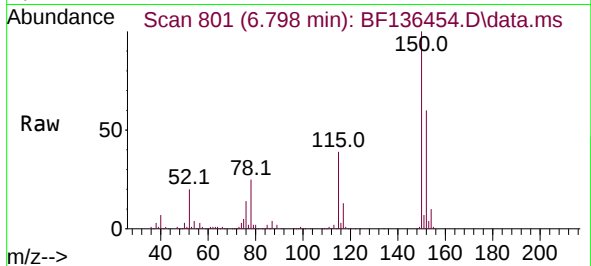




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF136454.D
Acq: 07 Dec 2023 19:01

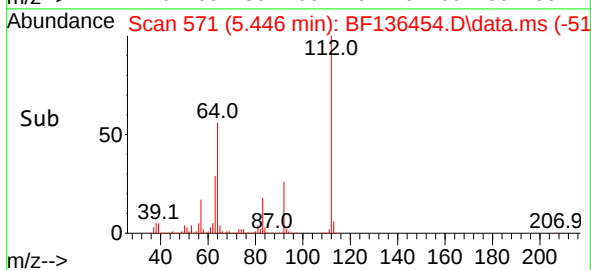
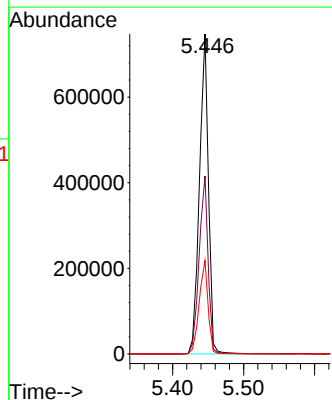
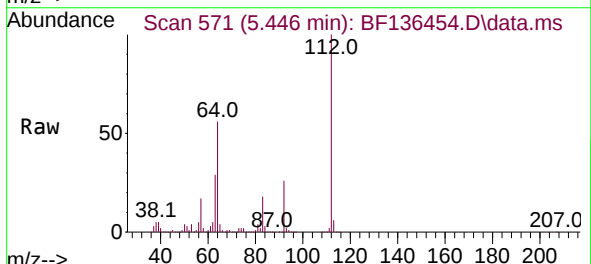
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-04

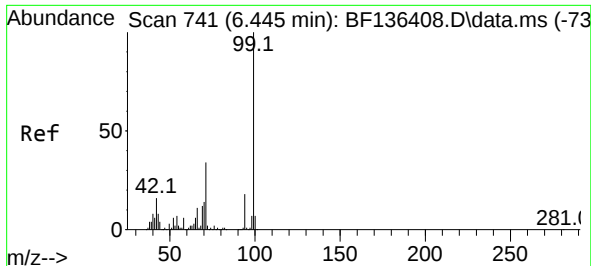
Tgt Ion:152 Resp: 110379
Ion Ratio Lower Upper
152 100
150 166.1 126.4 189.6
115 64.1 48.2 72.4



#5
2-Fluorophenol
Concen: 88.529 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF136454.D
Acq: 07 Dec 2023 19:01

Tgt Ion:112 Resp: 661674
Ion Ratio Lower Upper
112 100
64 55.6 46.5 69.7
63 29.2 23.9 35.9

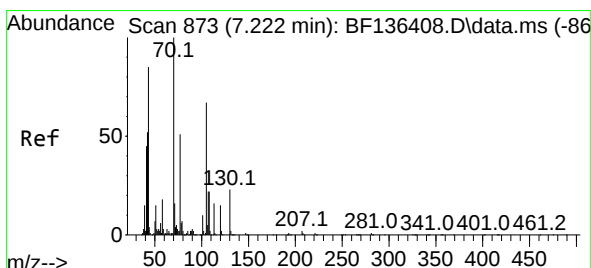
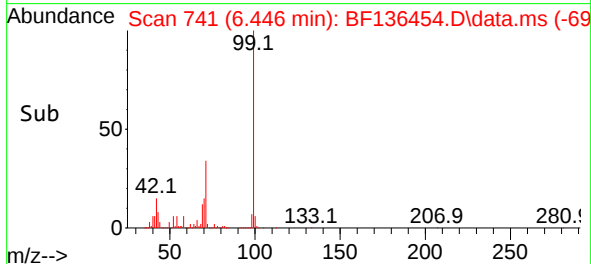
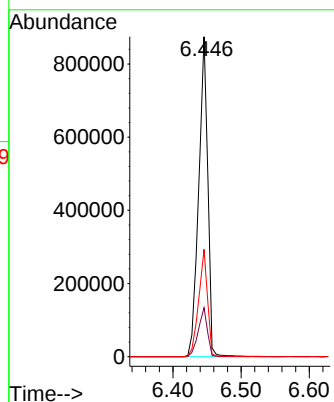
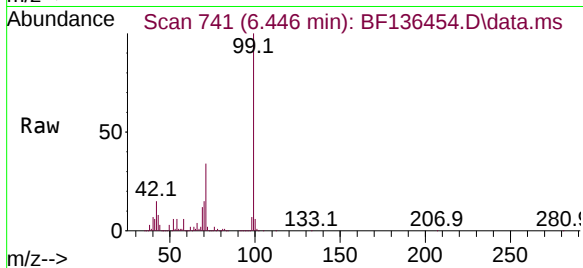




#7
Phenol-d6
Concen: 86.864 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136454.D
Acq: 07 Dec 2023 19:01

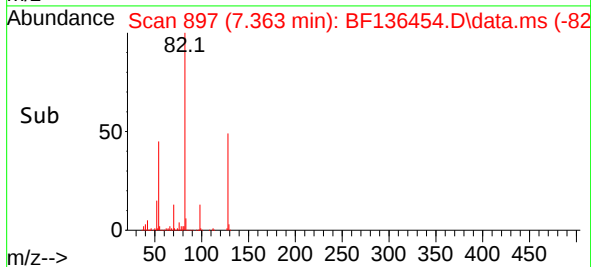
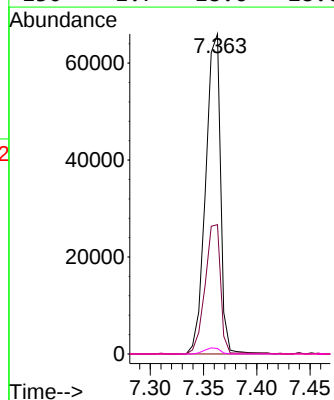
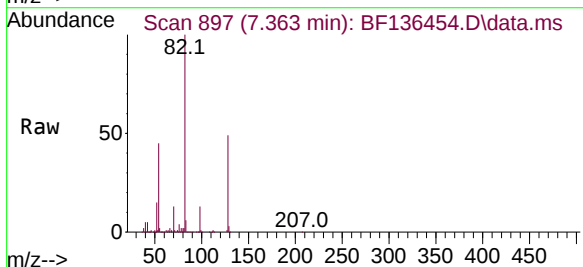
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-04

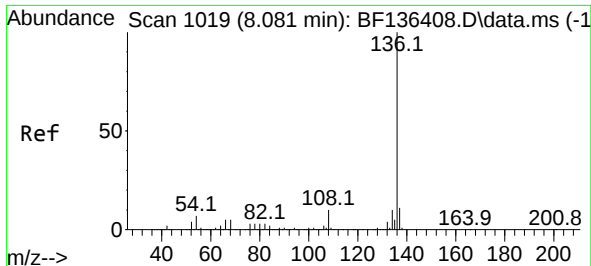
Tgt Ion: 99 Resp: 810010
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 33.6 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.951 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF136454.D
Acq: 07 Dec 2023 19:01

Tgt Ion: 70 Resp: 64285
Ion Ratio Lower Upper
70 100
42 40.4 41.4 62.0#
101 0.0 8.2 12.4#
130 1.7 18.6 28.0#



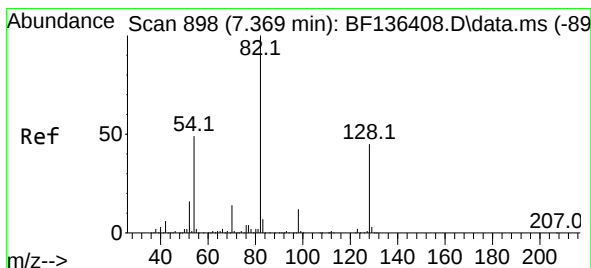
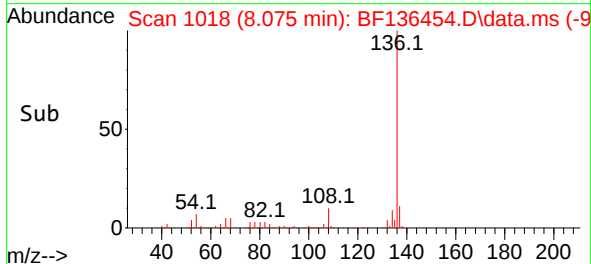
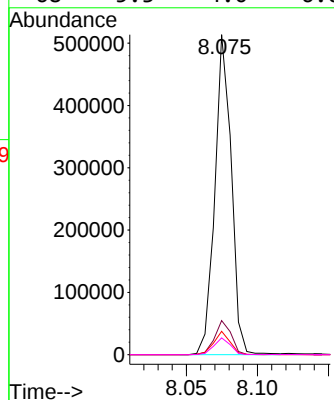
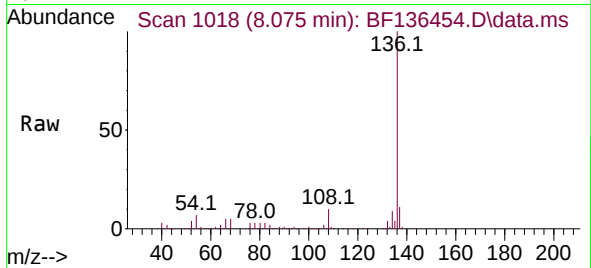


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136454.D
Acq: 07 Dec 2023 19:01

Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-04

Tgt Ion:136 Resp: 413264

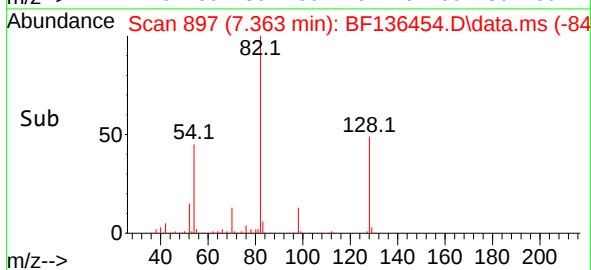
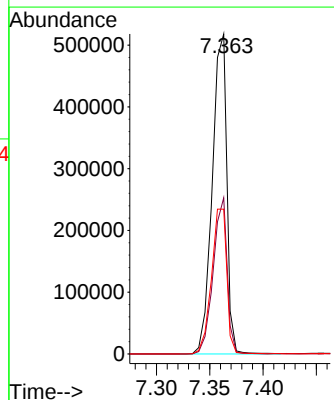
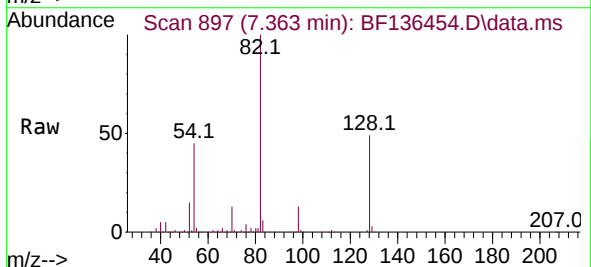
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.3	5.7	8.5
68	5.3	4.0	6.0

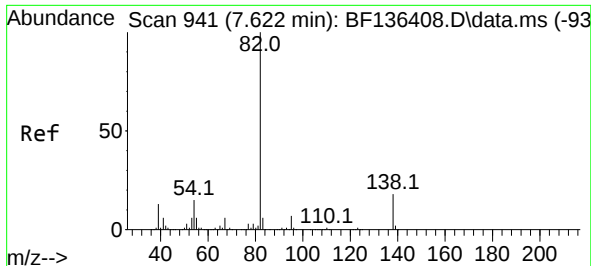


#23
Nitrobenzene-d5
Concen: 64.487 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF136454.D
Acq: 07 Dec 2023 19:01

Tgt Ion: 82 Resp: 492971

Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.3	54.5
54	45.3	39.0	58.6

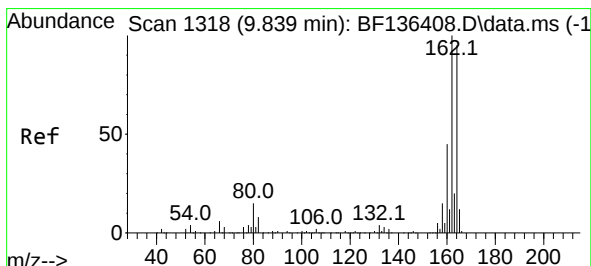
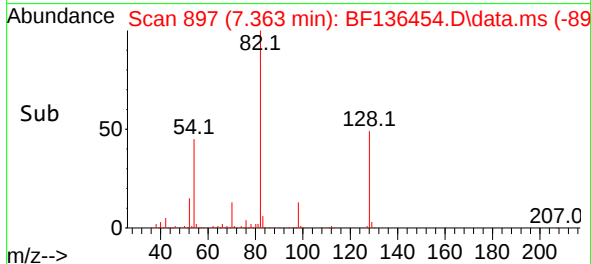
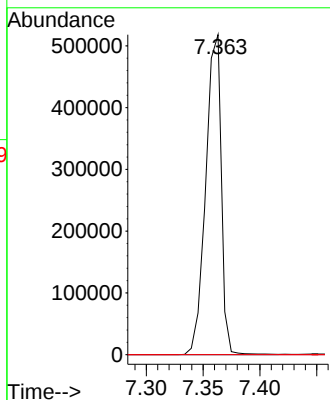
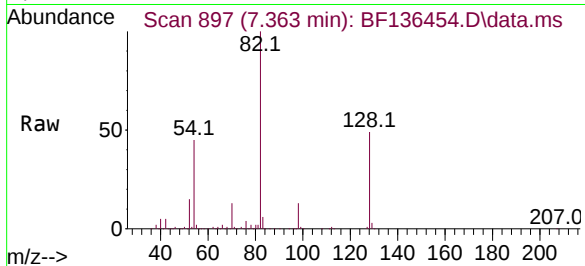




#25
Isophorone
Concen: 35.894 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.259 min
Lab File: BF136454.D
Acq: 07 Dec 2023 19:01

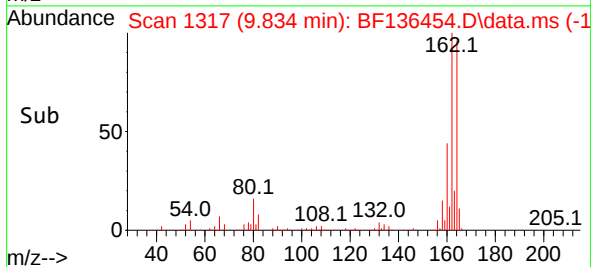
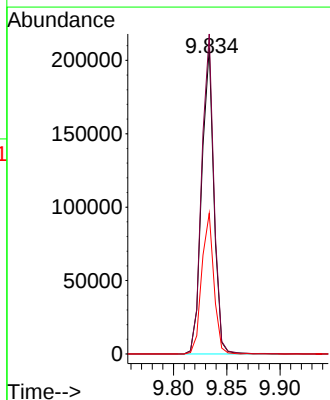
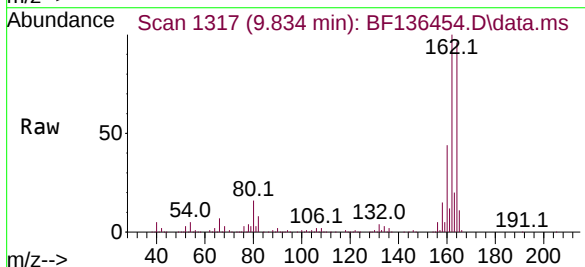
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-04

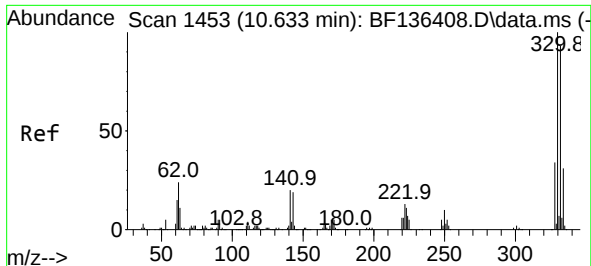
Tgt Ion: 82 Resp: 492965
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF136454.D
Acq: 07 Dec 2023 19:01

Tgt Ion:164 Resp: 166000
Ion Ratio Lower Upper
164 100
162 104.5 84.4 126.6
160 45.9 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 72.970 ng

RT: 10.628 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF136454.D

Acq: 07 Dec 2023 19:01

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-04

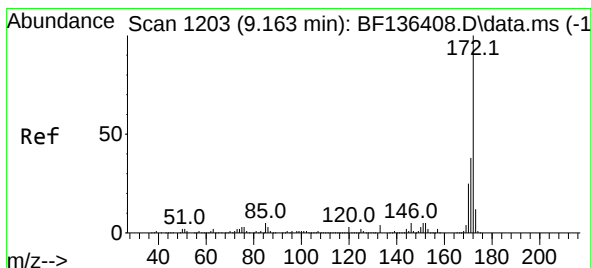
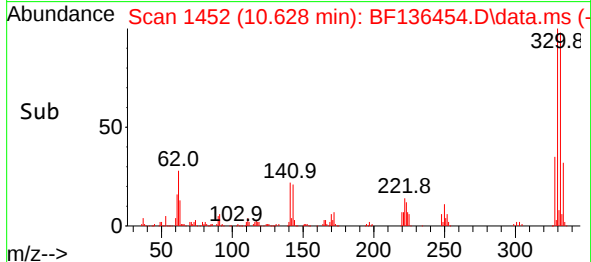
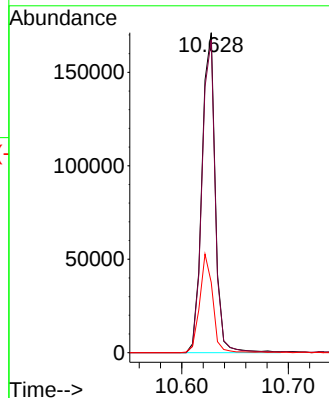
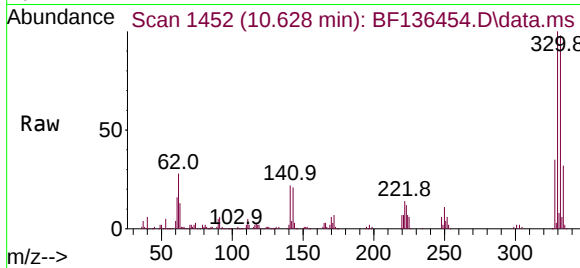
Tgt Ion:330 Resp: 149354

Ion Ratio Lower Upper

330 100

332 97.2 76.4 114.6

141 30.3 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 74.873 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF136454.D

Acq: 07 Dec 2023 19:01

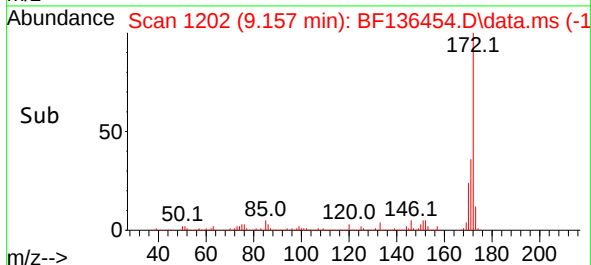
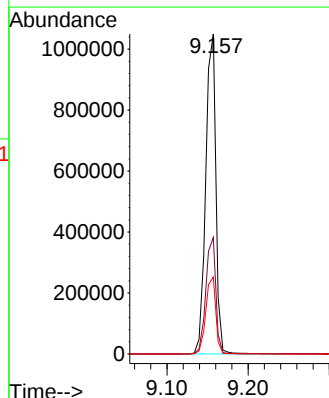
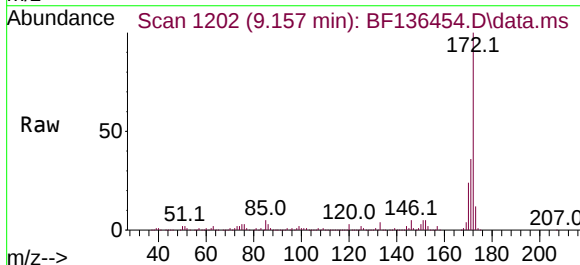
Tgt Ion:172 Resp: 910878

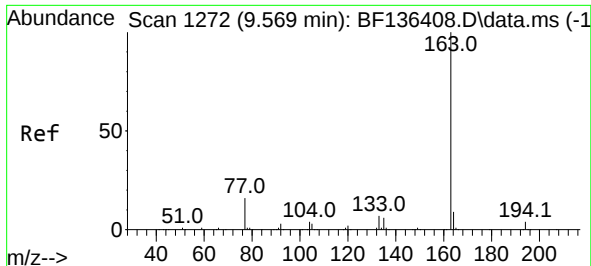
Ion Ratio Lower Upper

172 100

171 36.4 30.5 45.7

170 24.0 19.9 29.9

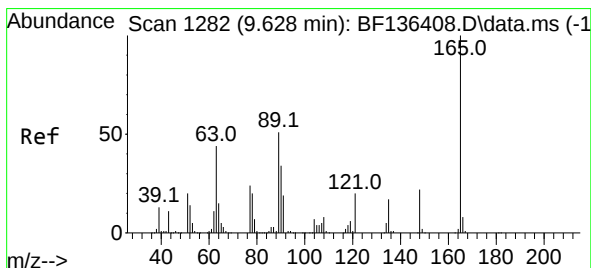
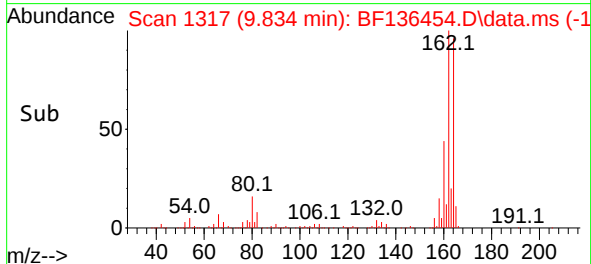
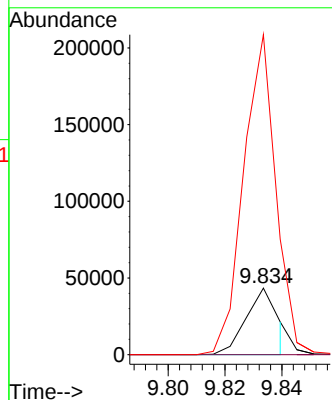
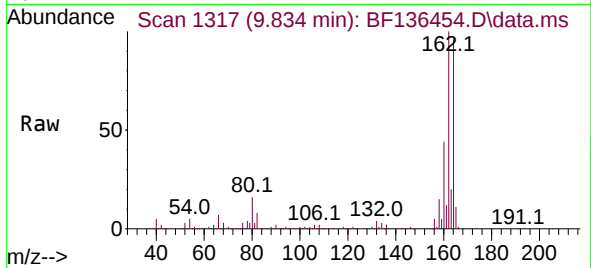




#50
Dimethylphthalate
Concen: 2.749 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF136454.D
Acq: 07 Dec 2023 19:01

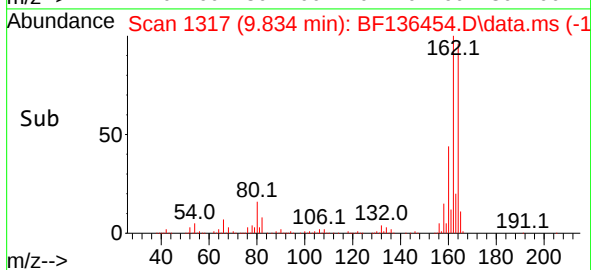
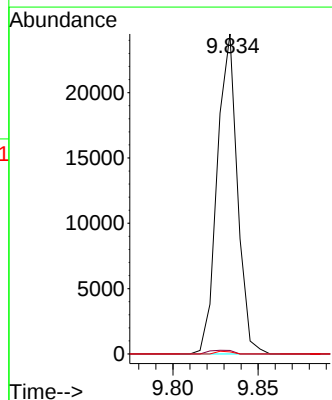
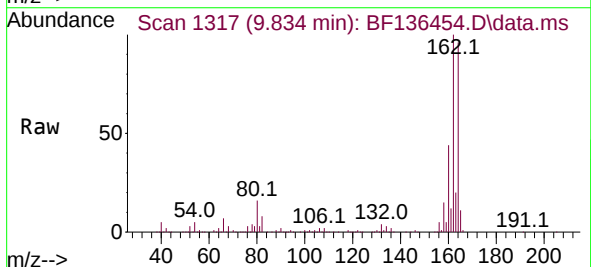
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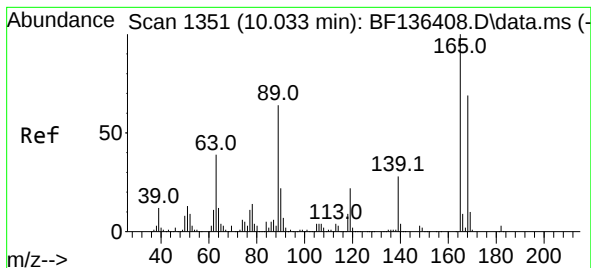
Tgt Ion:163 Resp: 33602
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 480.6 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.339 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF136454.D
Acq: 07 Dec 2023 19:01

Tgt Ion:165 Resp: 20179
Ion Ratio Lower Upper
165 100
63 1.1 40.4 60.6#
89 0.7 40.6 60.8#

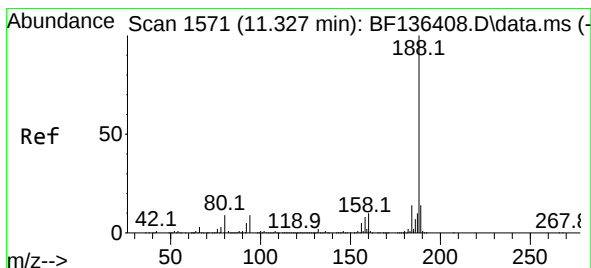
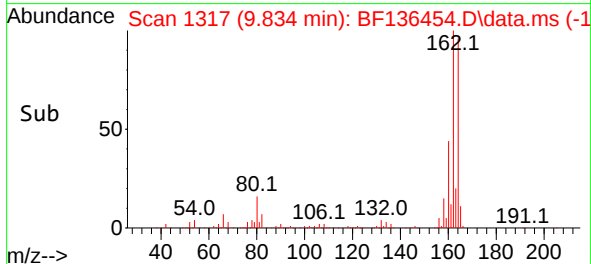
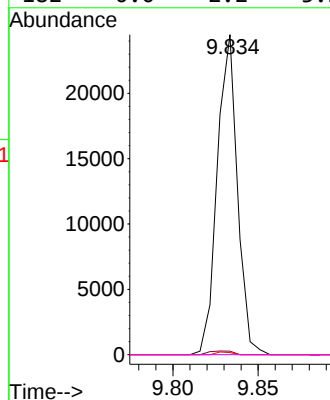
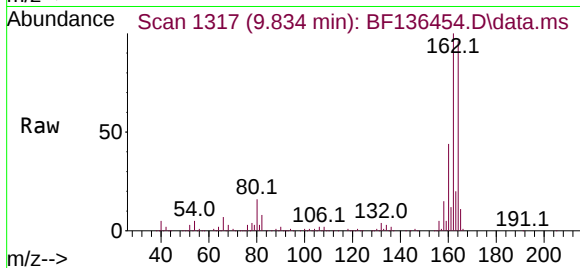




#57
2,4-Dinitrotoluene
Concen: 5.548 ng
RT: 9.834 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136454.D
Acq: 07 Dec 2023 19:01

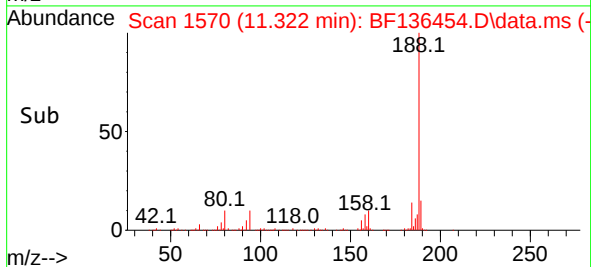
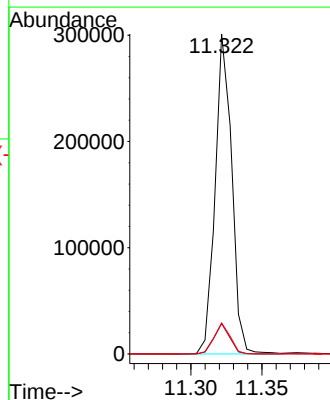
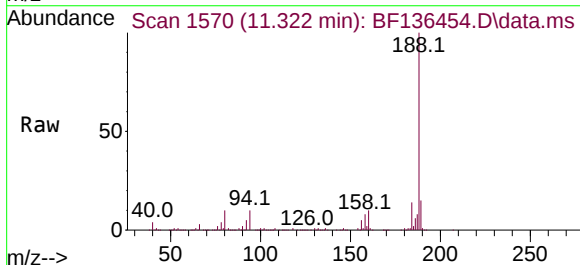
Instrument :
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LKWD-BACKFILL-04

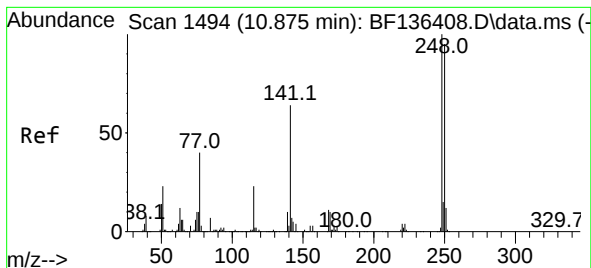
Tgt Ion:165 Resp: 20179
Ion Ratio Lower Upper
165 100
63 1.1 31.4 47.2#
89 0.7 51.7 77.5#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136454.D
Acq: 07 Dec 2023 19:01

Tgt Ion:188 Resp: 244358
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 9.7 7.2 10.8

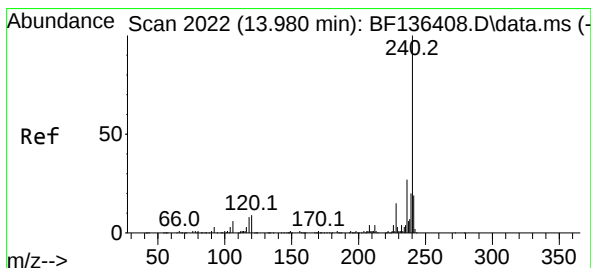
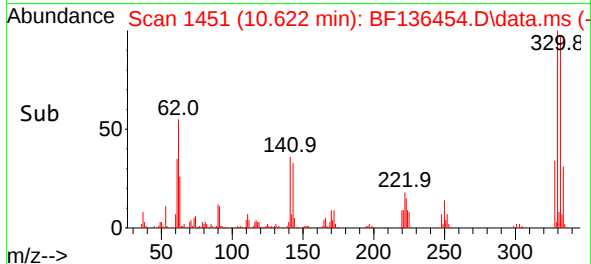
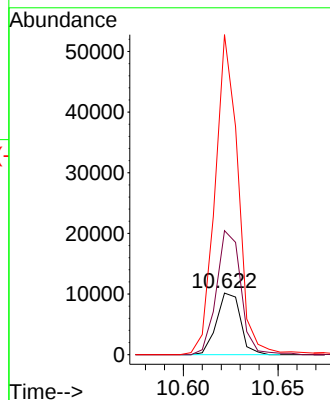
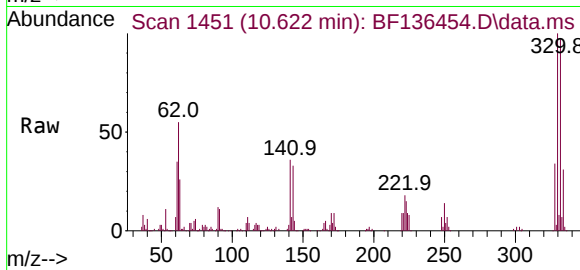




#67
4-Bromophenyl-phenylether
Concen: 3.151 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF136454.D
Acq: 07 Dec 2023 19:01

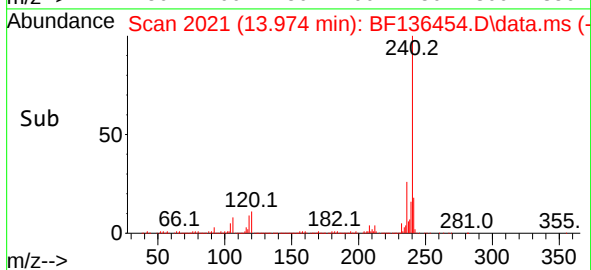
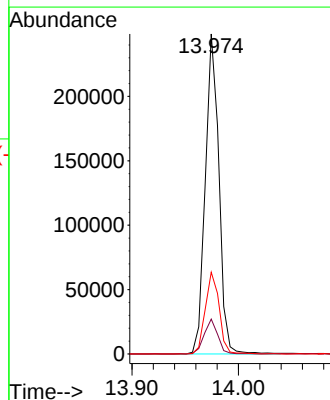
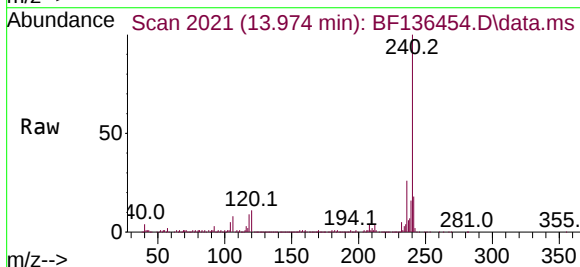
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-04

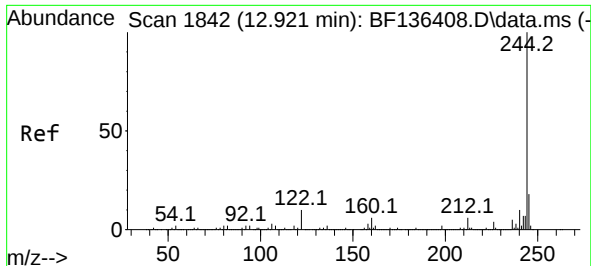
Tgt Ion:248 Resp: 8951
Ion Ratio Lower Upper
248 100
250 201.5 76.2 114.2#
141 519.9 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136454.D
Acq: 07 Dec 2023 19:01

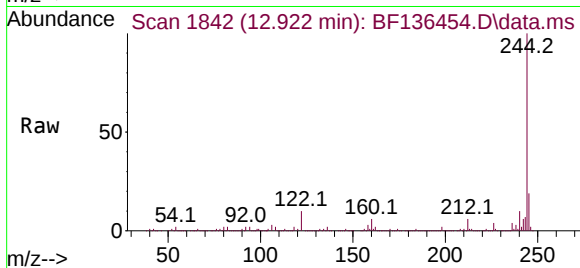
Tgt Ion:240 Resp: 221699
Ion Ratio Lower Upper
240 100
120 10.9 7.3 10.9
236 25.5 21.3 31.9



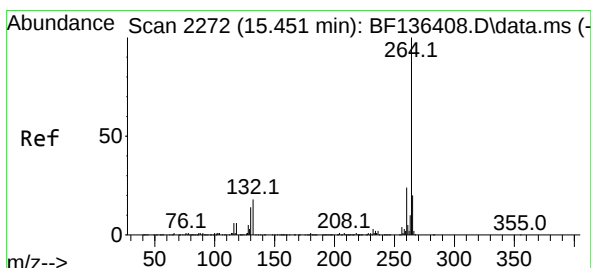
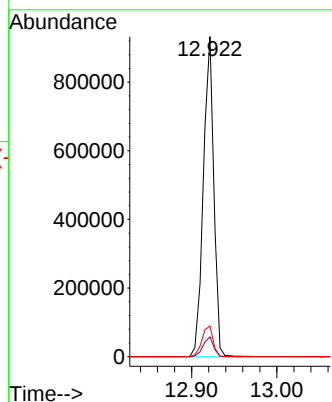
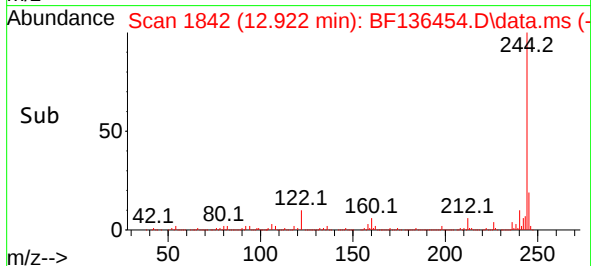


#79
 Terphenyl-d14
 Concen: 47.179 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF136454.D
 Acq: 07 Dec 2023 19:01

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-04



Tgt Ion:244 Resp: 793569
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 9.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.006 min
 Lab File: BF136454.D
 Acq: 07 Dec 2023 19:01

Tgt Ion:264 Resp: 195411
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.5 15.9 23.9

