

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
 Data File : BF136452.D
 Acq On : 07 Dec 2023 17:57
 Operator : CG\JU
 Sample : 05599-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-02

Quant Time: Dec 08 00:41:24 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)

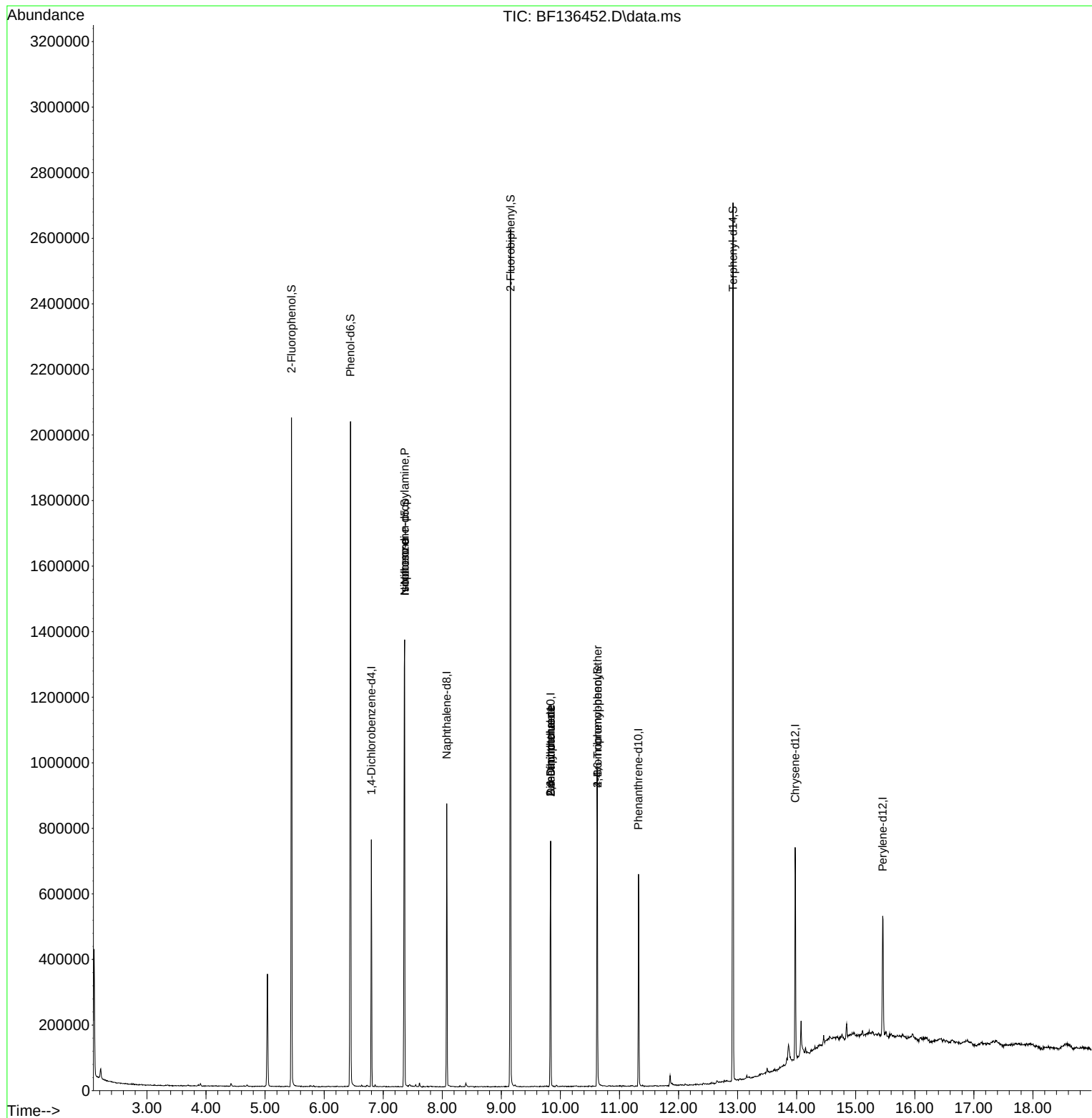
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	99805	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	355749	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	138794	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	229837	20.000	ng	0.00
76) Chrysene-d12	13.974	240	224192	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	182211	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	561564	83.095	ng	0.01
7) Phenol-d6	6.446	99	733884	87.038	ng	0.00
23) Nitrobenzene-d5	7.363	82	475652	72.281	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	119148	69.623	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	848551	83.422	ng	0.00
79) Terphenyl-d14	12.922	244	884230	51.985	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.328	77	64	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.363	70	63206	12.995	ng	# 74
25) Isophorone	7.363	82	475647	40.232	ng	# 65
50) Dimethylphthalate	9.834	163	29039	2.842	ng	# 1
51) 2,6-Dinitrotoluene	9.834	165	17829	7.756	ng	# 30
57) 2,4-Dinitrotoluene	9.834	165	17829	5.863	ng	# 29
67) 4-Bromophenyl-phenylether	10.628	248	7252	2.714	ng	# 1
77) Benzidine	12.922	184	9866	Below Cal	#	95

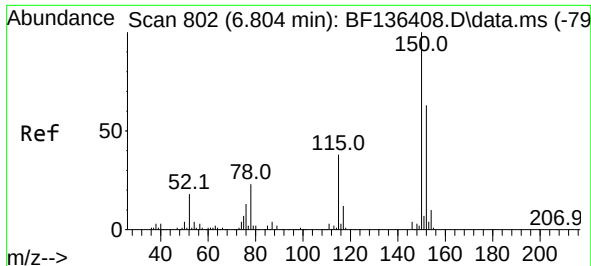
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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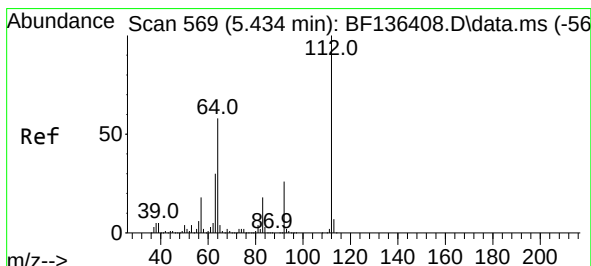
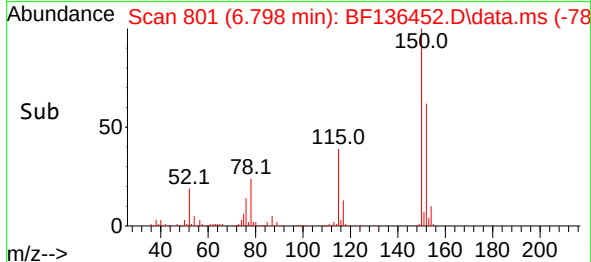
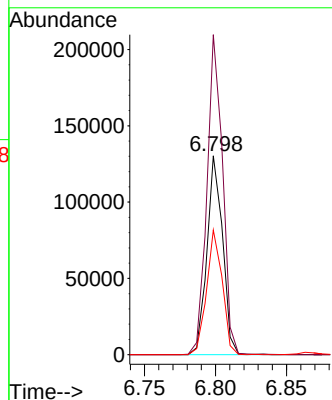
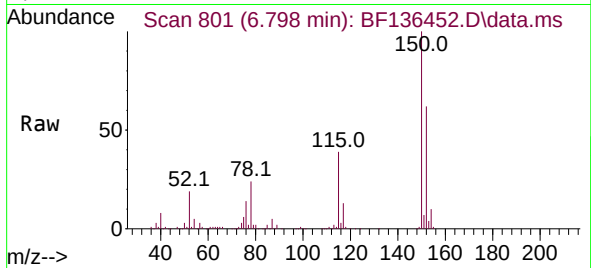




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF136452.D
Acq: 07 Dec 2023 17:57

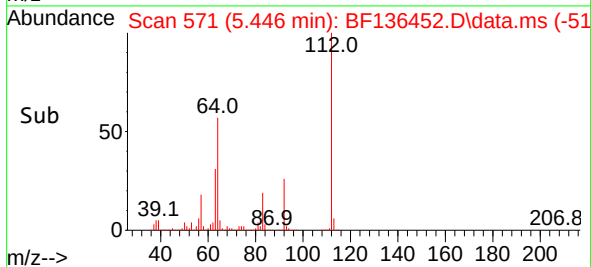
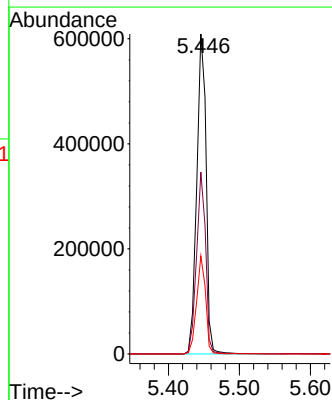
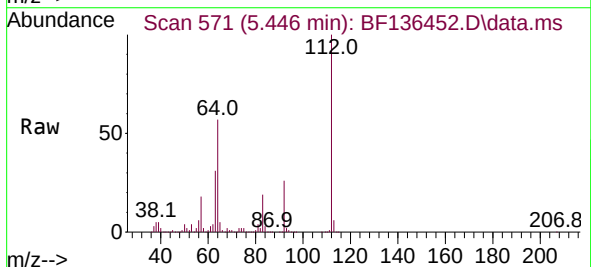
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-02

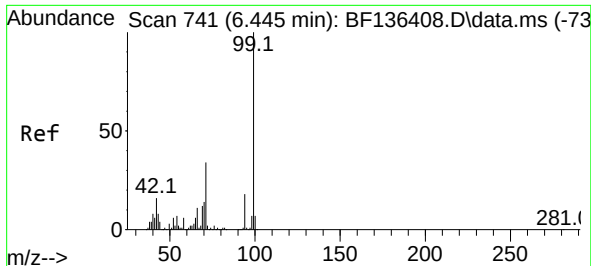
Tgt Ion:152 Resp: 99805
Ion Ratio Lower Upper
152 100
150 160.9 126.4 189.6
115 62.7 48.2 72.4



#5
2-Fluorophenol
Concen: 83.095 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF136452.D
Acq: 07 Dec 2023 17:57

Tgt Ion:112 Resp: 561564
Ion Ratio Lower Upper
112 100
64 56.8 46.5 69.7
63 30.7 23.9 35.9

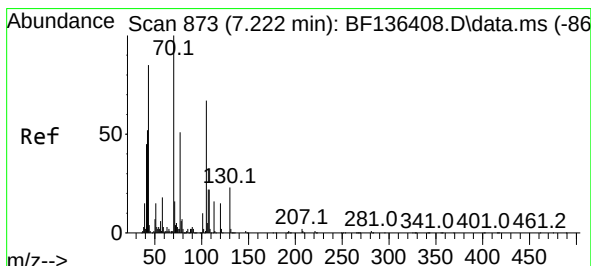
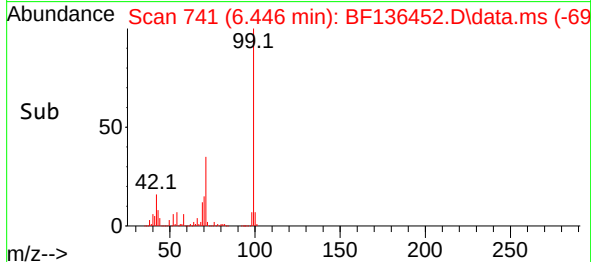
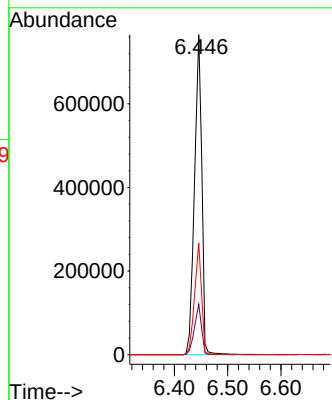
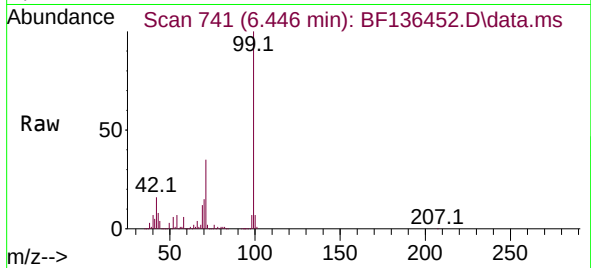




#7
Phenol-d6
Concen: 87.038 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136452.D
Acq: 07 Dec 2023 17:57

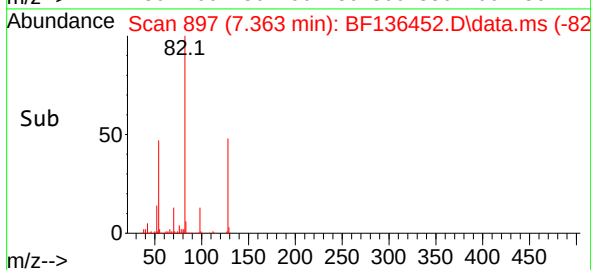
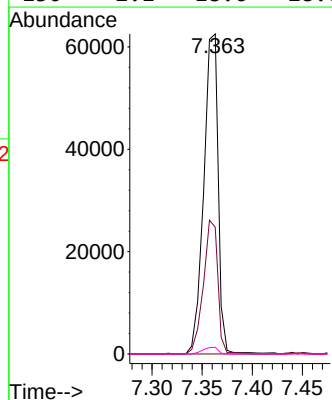
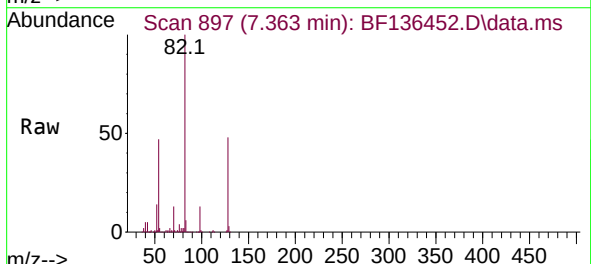
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-02

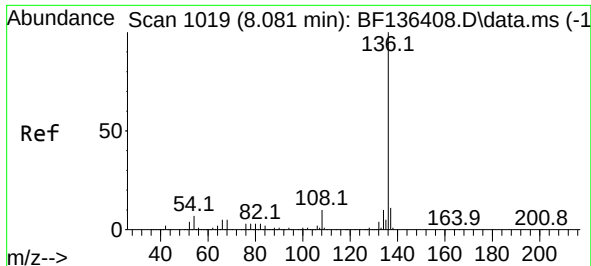
Tgt Ion: 99 Resp: 733884
Ion Ratio Lower Upper
99 100
42 15.8 12.8 19.2
71 34.8 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.995 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF136452.D
Acq: 07 Dec 2023 17:57

Tgt Ion: 70 Resp: 63206
Ion Ratio Lower Upper
70 100
42 39.6 41.4 62.0#
101 0.0 8.2 12.4#
130 2.1 18.6 28.0#

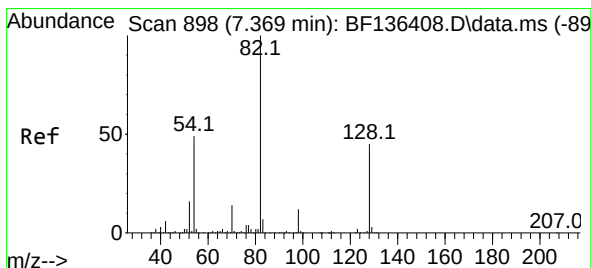
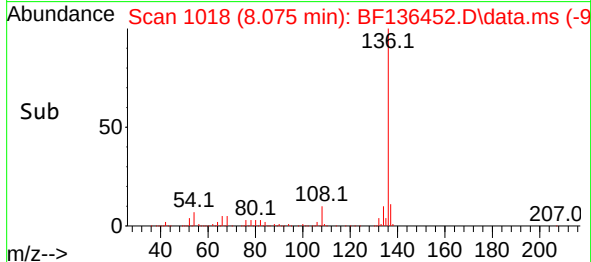
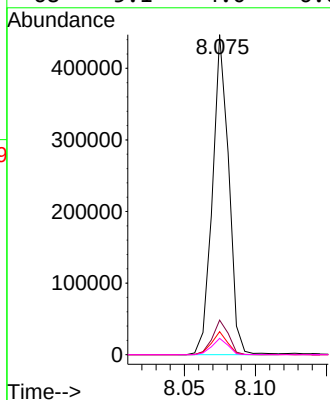
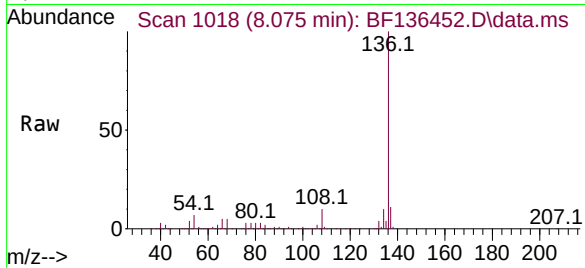




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136452.D
Acq: 07 Dec 2023 17:57

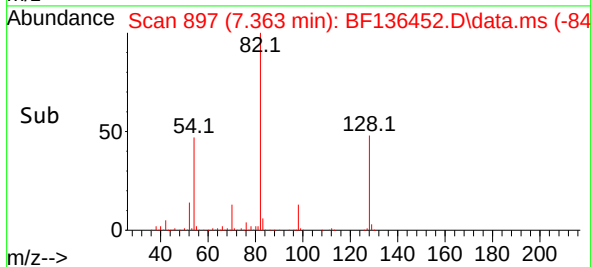
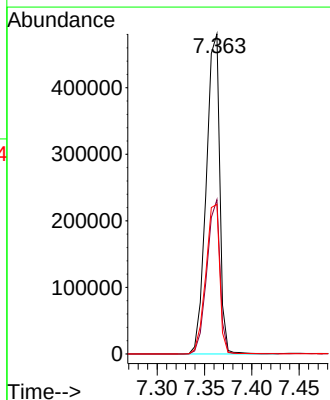
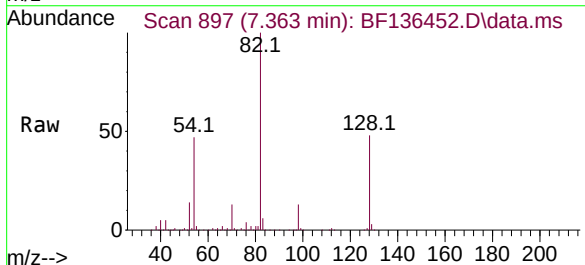
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-02

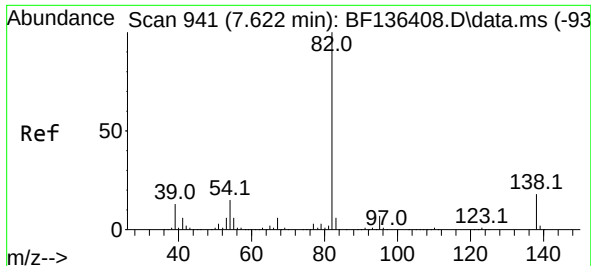
Tgt Ion:136 Resp: 355749
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.2 5.7 8.5
68 5.1 4.0 6.0



#23
Nitrobenzene-d5
Concen: 72.281 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF136452.D
Acq: 07 Dec 2023 17:57

Tgt Ion: 82 Resp: 475652
Ion Ratio Lower Upper
82 100
128 48.2 36.3 54.5
54 46.7 39.0 58.6

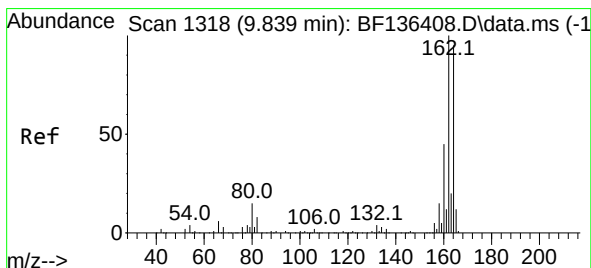
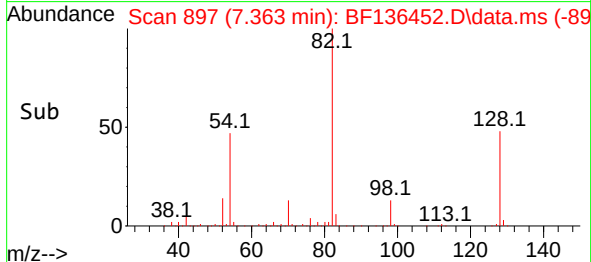
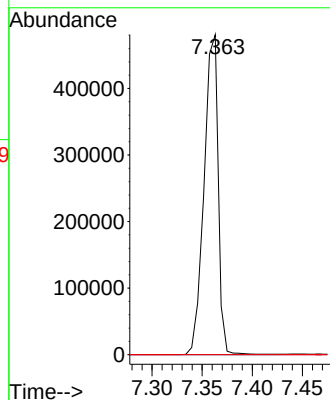
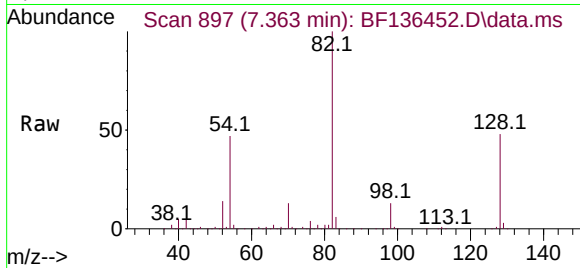




#25
Isophorone
Concen: 40.232 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.259 min
Lab File: BF136452.D
Acq: 07 Dec 2023 17:57

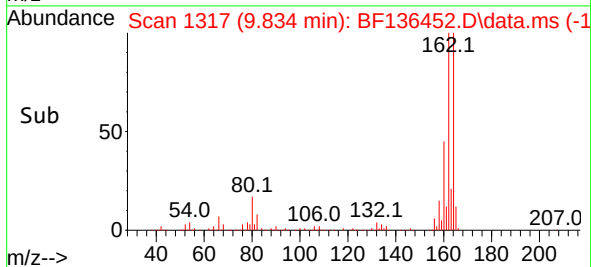
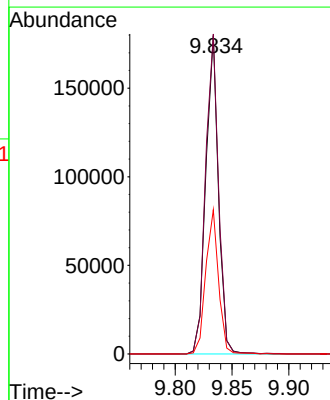
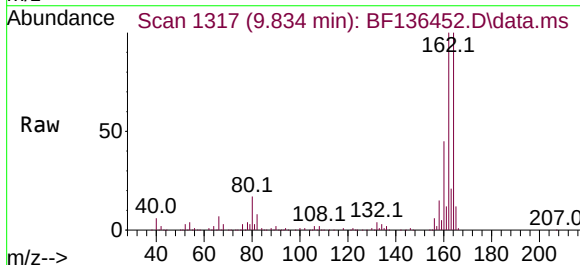
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-02

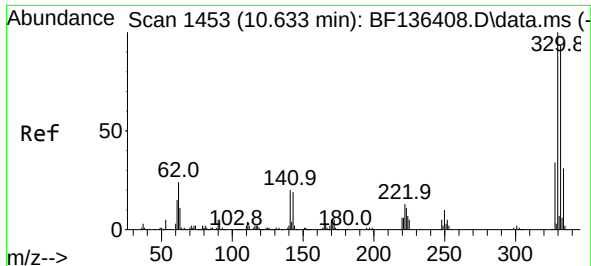
Tgt Ion: 82 Resp: 475647
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF136452.D
Acq: 07 Dec 2023 17:57

Tgt Ion:164 Resp: 138794
Ion Ratio Lower Upper
164 100
162 100.5 84.4 126.6
160 45.3 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 69.623 ng

RT: 10.628 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF136452.D

Acq: 07 Dec 2023 17:57

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-02

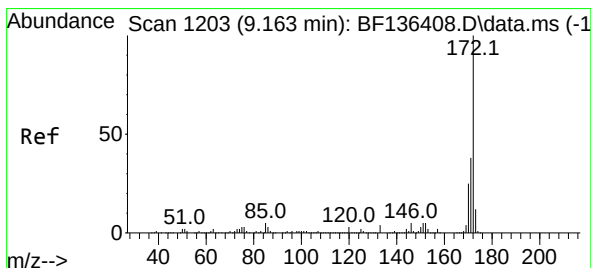
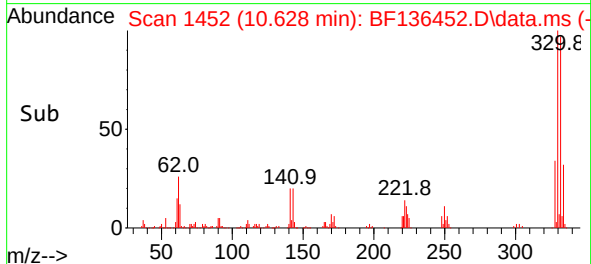
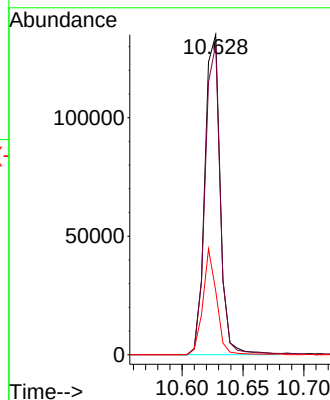
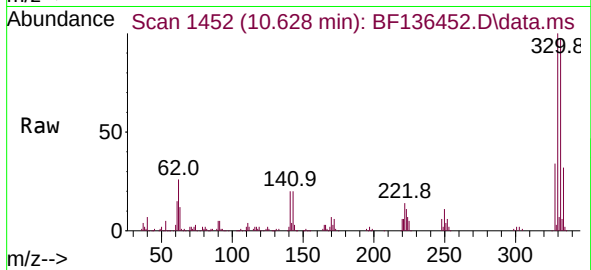
Tgt Ion:330 Resp: 119148

Ion Ratio Lower Upper

330 100

332 95.9 76.4 114.6

141 29.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 83.422 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF136452.D

Acq: 07 Dec 2023 17:57

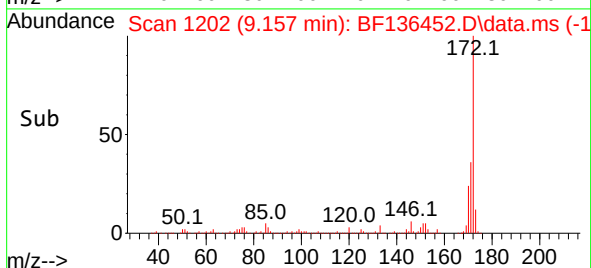
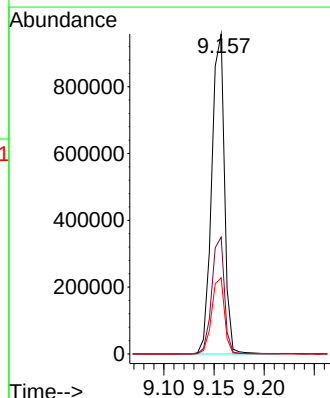
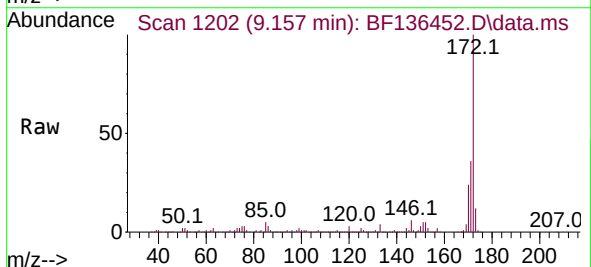
Tgt Ion:172 Resp: 848551

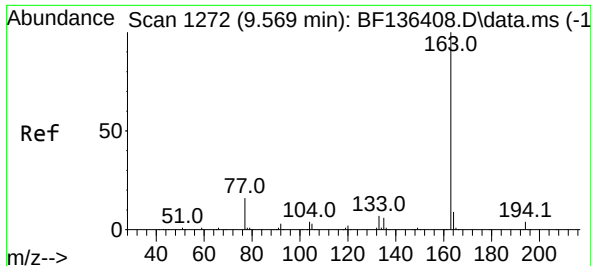
Ion Ratio Lower Upper

172 100

171 36.5 30.5 45.7

170 23.8 19.9 29.9

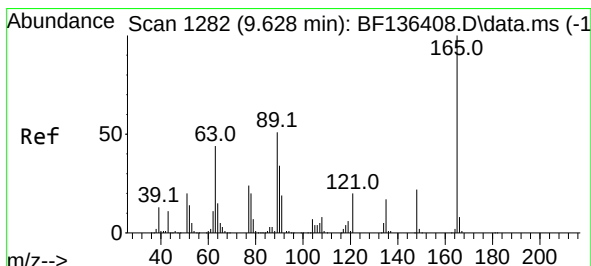
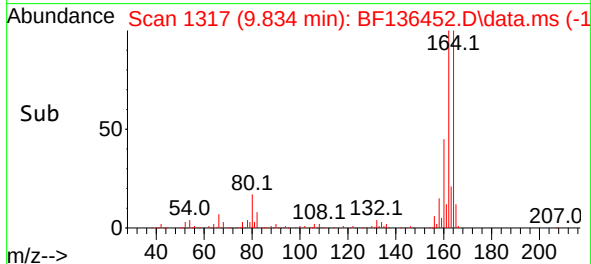
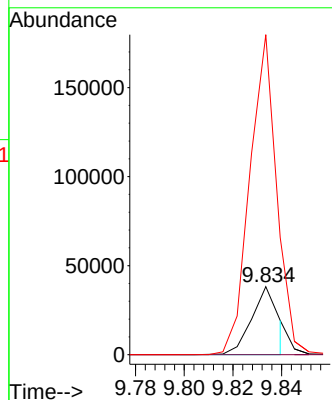
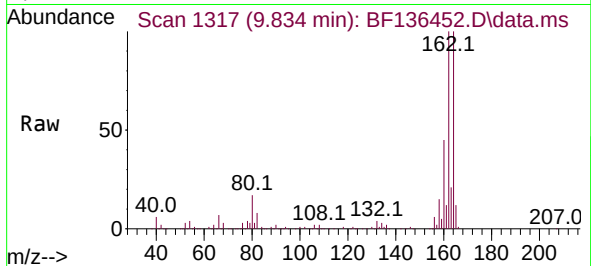




#50
Dimethylphthalate
Concen: 2.842 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF136452.D
Acq: 07 Dec 2023 17:57

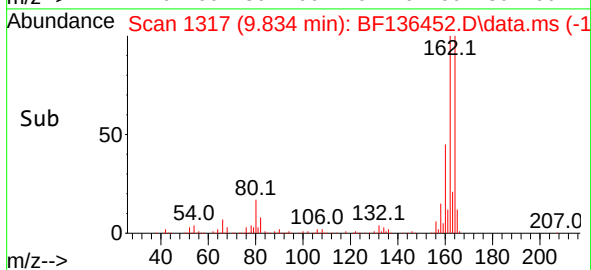
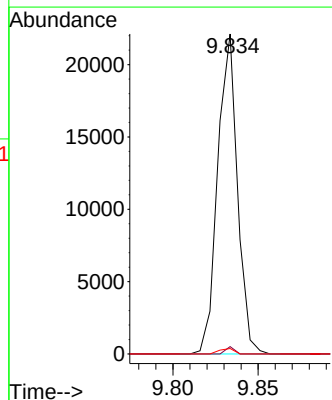
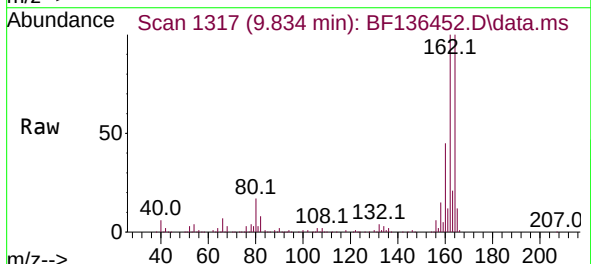
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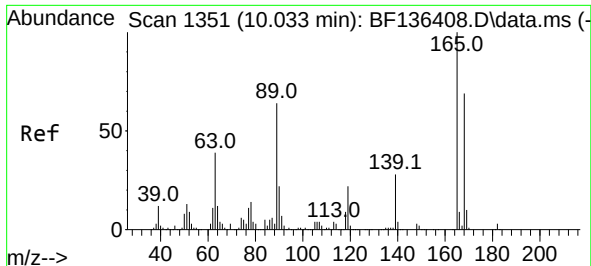
Tgt Ion:163 Resp: 29039
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 470.8 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.756 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF136452.D
Acq: 07 Dec 2023 17:57

Tgt Ion:165 Resp: 17829
Ion Ratio Lower Upper
165 100
63 2.3 40.4 60.6#
89 1.7 40.6 60.8#

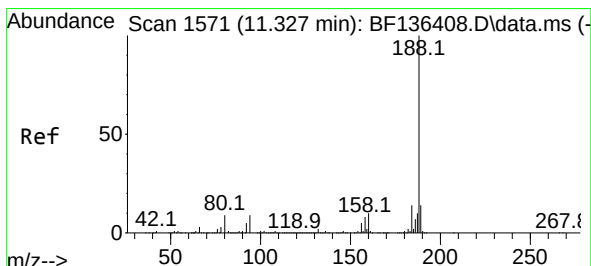
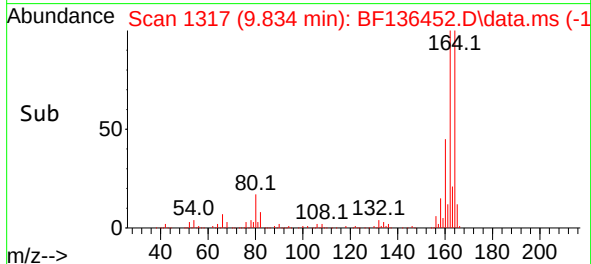
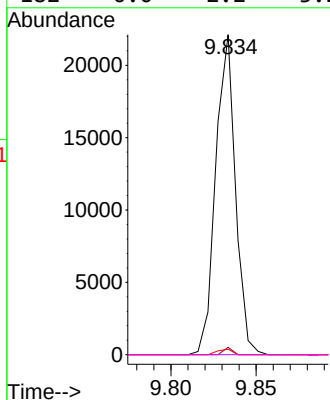
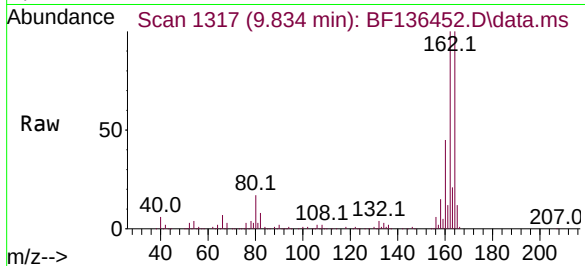




#57
2,4-Dinitrotoluene
Concen: 5.863 ng
RT: 9.834 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136452.D
Acq: 07 Dec 2023 17:57

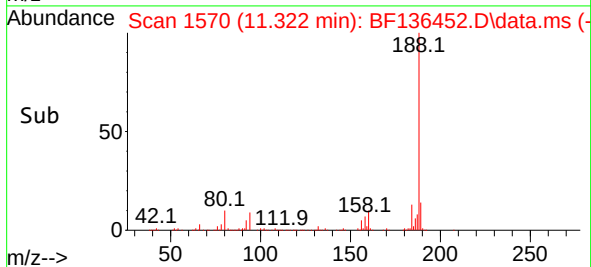
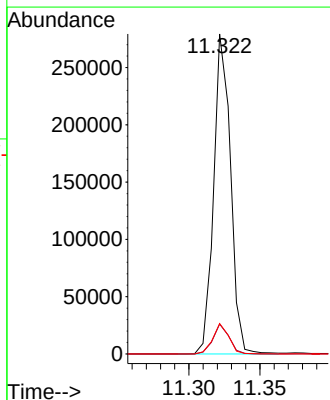
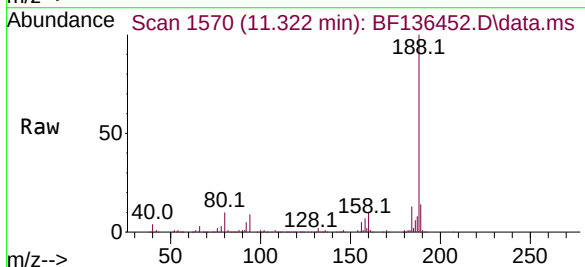
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-02

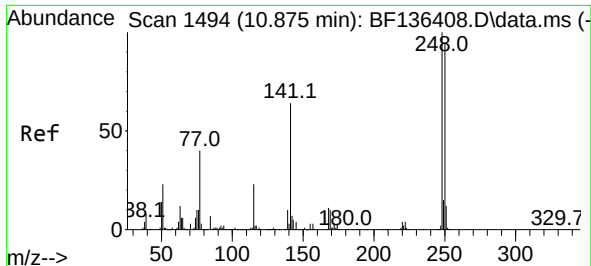
Tgt Ion:165 Resp: 17829
Ion Ratio Lower Upper
165 100
63 2.3 31.4 47.2#
89 1.7 51.7 77.5#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136452.D
Acq: 07 Dec 2023 17:57

Tgt Ion:188 Resp: 229837
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 9.5 7.2 10.8

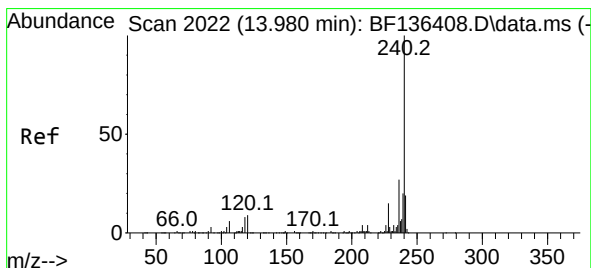
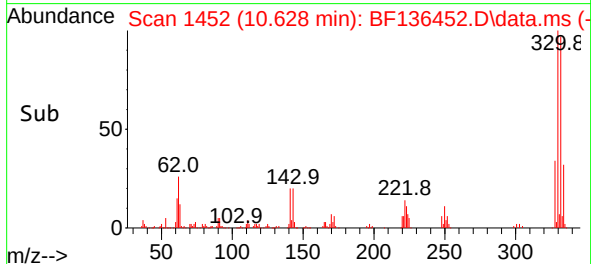
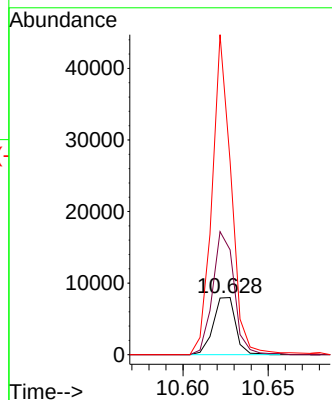
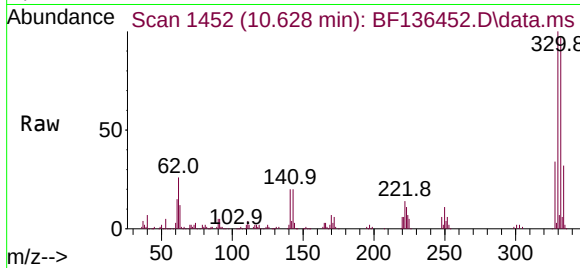




#67
4-Bromophenyl-phenylether
Concen: 2.714 ng
RT: 10.628 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF136452.D
Acq: 07 Dec 2023 17:57

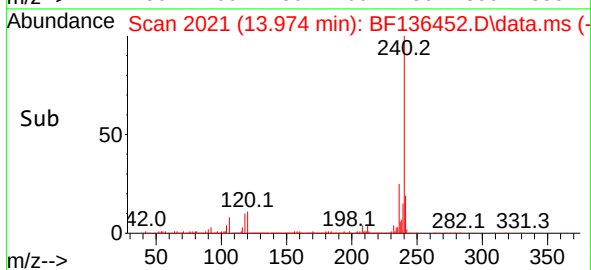
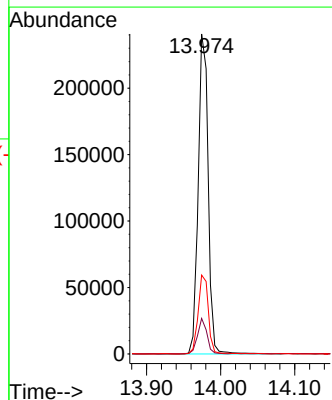
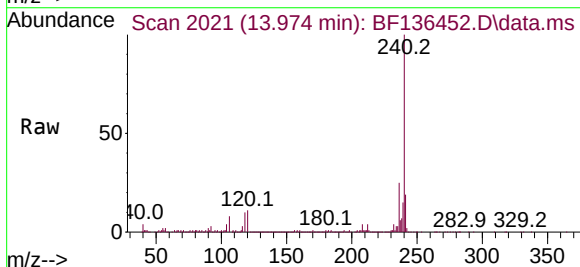
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-02

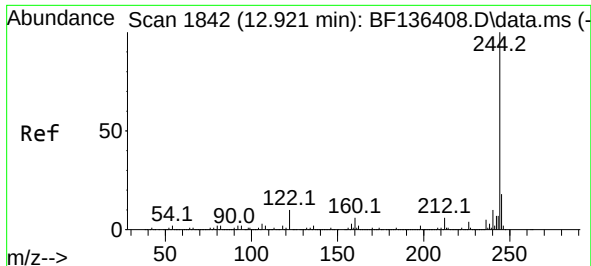
Tgt Ion:248 Resp: 7252
Ion Ratio Lower Upper
248 100
250 183.6 76.2 114.2#
141 338.0 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136452.D
Acq: 07 Dec 2023 17:57

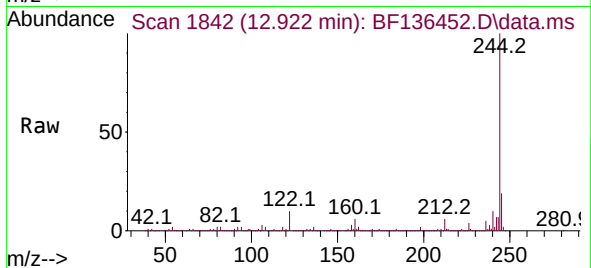
Tgt Ion:240 Resp: 224192
Ion Ratio Lower Upper
240 100
120 11.1 7.3 10.9#
236 24.6 21.3 31.9



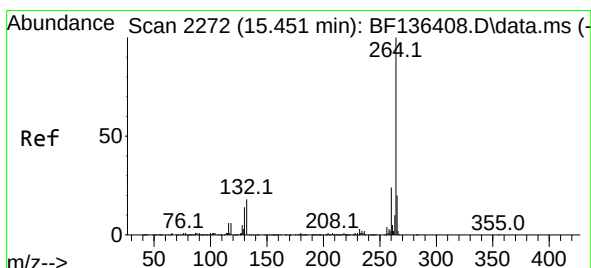
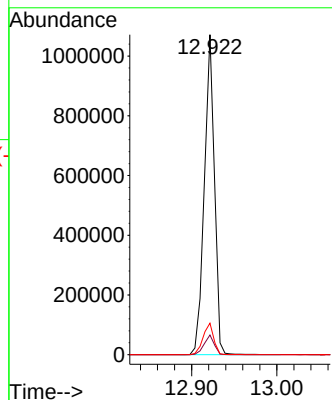
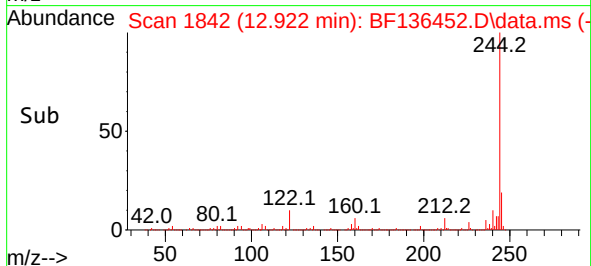


#79
 Terphenyl-d14
 Concen: 51.985 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF136452.D
 Acq: 07 Dec 2023 17:57

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-02



Tgt Ion:244 Resp: 884230
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 9.9 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: BF136452.D
 Acq: 07 Dec 2023 17:57

Tgt Ion:264 Resp: 182211
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 20.4 15.9 23.9

