

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
 Data File : BF136451.D
 Acq On : 07 Dec 2023 17:25
 Operator : CG\JU
 Sample : 05599-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-01

Quant Time: Dec 08 00:41:02 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)

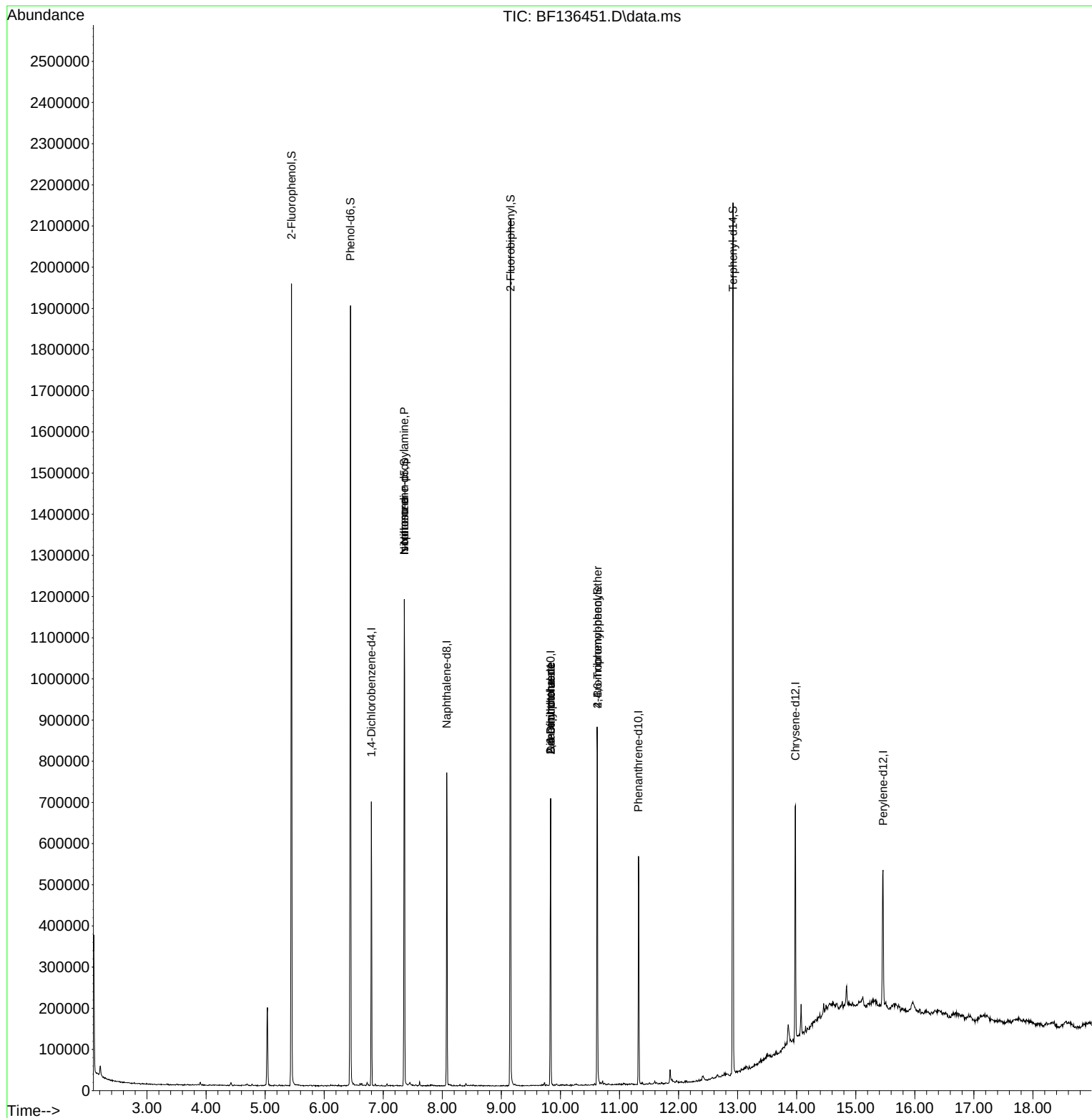
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	94584	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	327093	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	125203	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	207942	20.000	ng	0.00
76) Chrysene-d12	13.980	240	202635	20.000	ng	0.00
86) Perylene-d12	15.462	264	166117	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	512933	80.089	ng	0.01
7) Phenol-d6	6.445	99	618682	77.426	ng	0.00
23) Nitrobenzene-d5	7.357	82	381216	63.006	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	114817	74.375	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	685546	74.713	ng	0.00
79) Terphenyl-d14	12.921	244	718522	46.736	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.445	77	906	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	48897	10.608	ng	# 78
25) Isophorone	7.357	82	381212	35.069	ng	# 65
50) Dimethylphthalate	9.833	163	25355	2.751	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	16106	7.767	ng	# 29
57) 2,4-Dinitrotoluene	9.833	165	16106	5.871	ng	# 28
67) 4-Bromophenyl-phenylether	10.627	248	6807	2.816	ng	# 1
77) Benzidine	12.921	184	8223	Below Cal	#	91

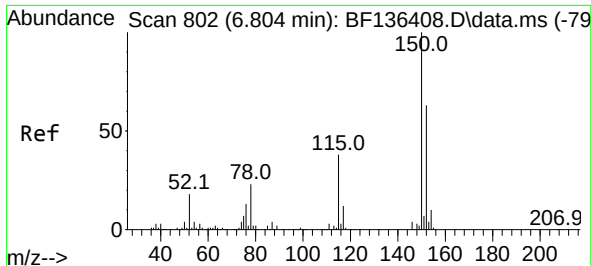
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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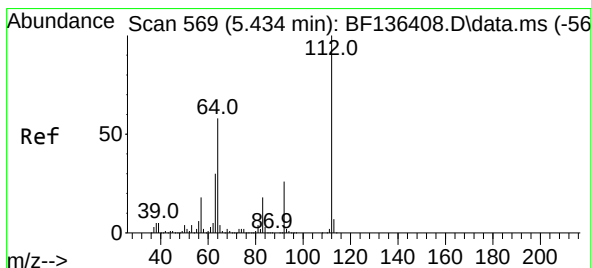
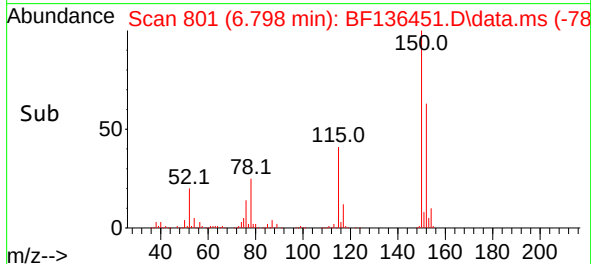
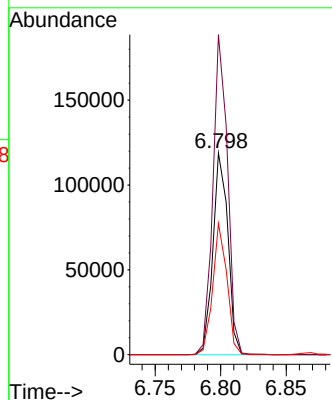
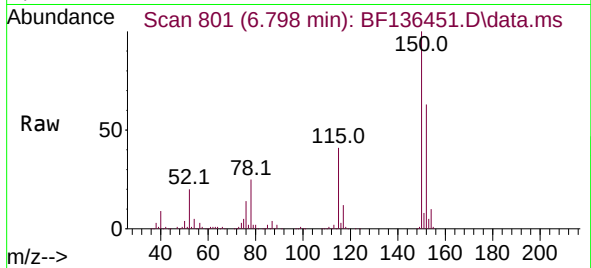




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF136451.D
Acq: 07 Dec 2023 17:25

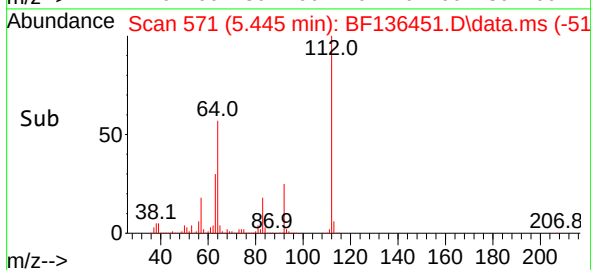
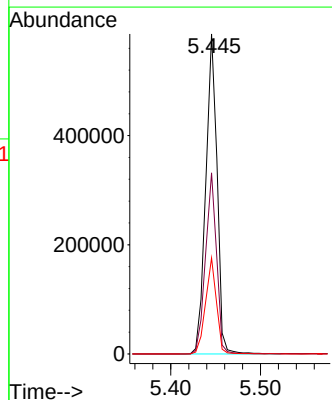
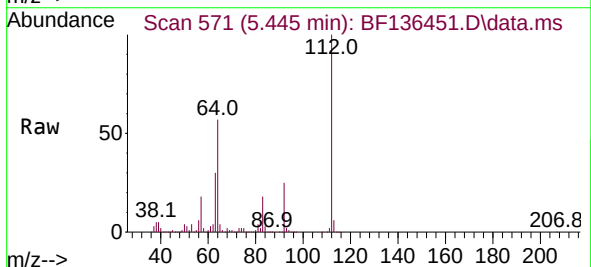
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-01

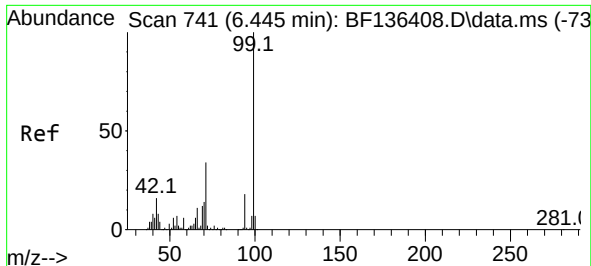
Tgt Ion:152 Resp: 94584
Ion Ratio Lower Upper
152 100
150 158.6 126.4 189.6
115 65.0 48.2 72.4



#5
2-Fluorophenol
Concen: 80.089 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF136451.D
Acq: 07 Dec 2023 17:25

Tgt Ion:112 Resp: 512933
Ion Ratio Lower Upper
112 100
64 56.6 46.5 69.7
63 30.0 23.9 35.9

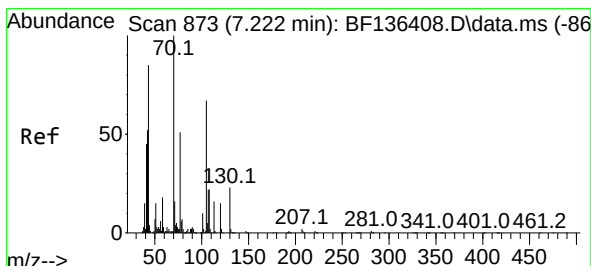
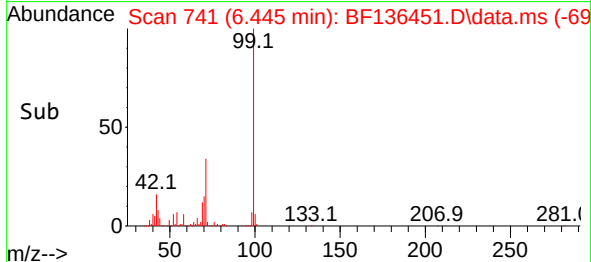
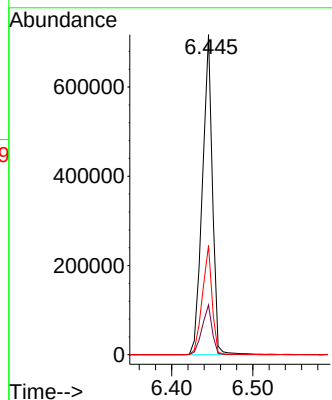
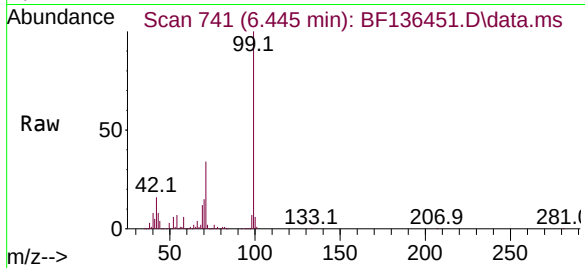




#7
Phenol-d6
Concen: 77.426 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136451.D
Acq: 07 Dec 2023 17:25

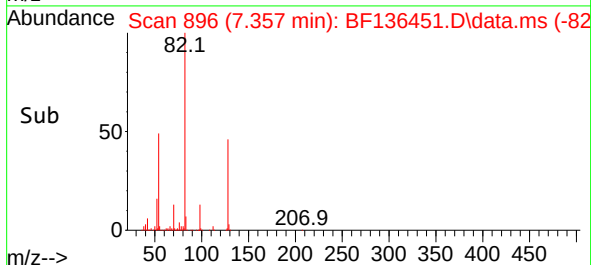
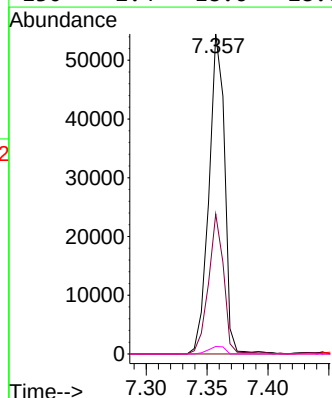
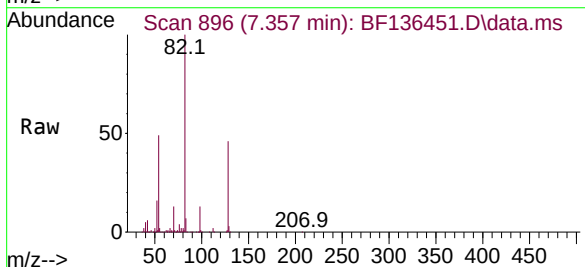
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-01

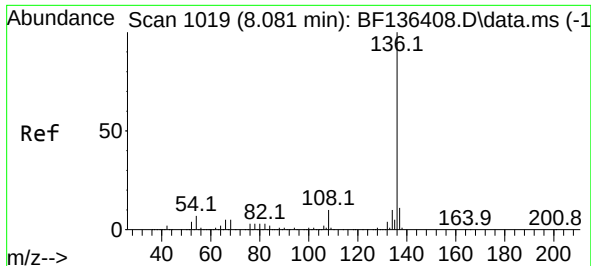
Tgt Ion: 99 Resp: 618682
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 34.1 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.608 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136451.D
Acq: 07 Dec 2023 17:25

Tgt Ion: 70 Resp: 48897
Ion Ratio Lower Upper
70 100
42 43.8 41.4 62.0
101 0.0 8.2 12.4#
130 2.4 18.6 28.0#



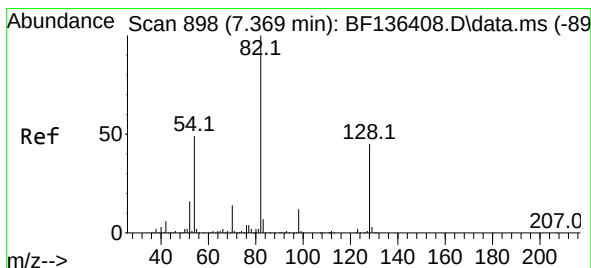
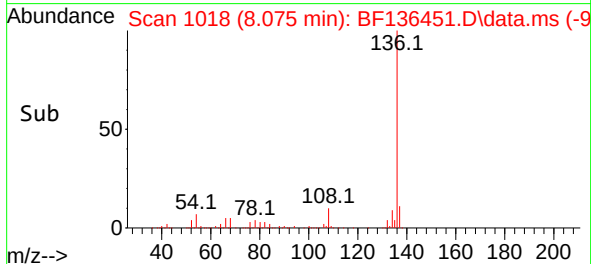
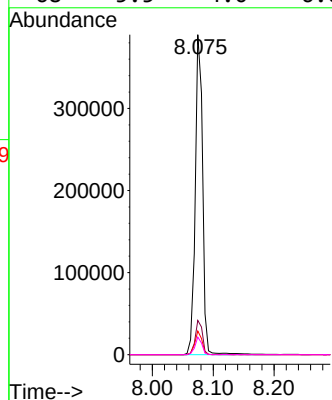
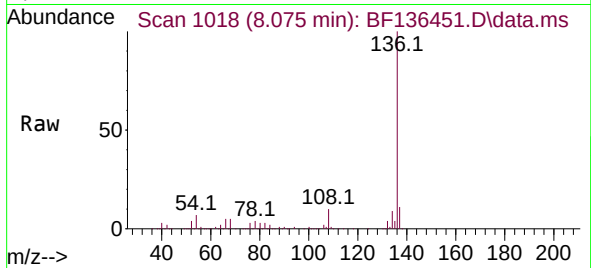


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136451.D
Acq: 07 Dec 2023 17:25

Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-01

Tgt Ion:136 Resp: 327093

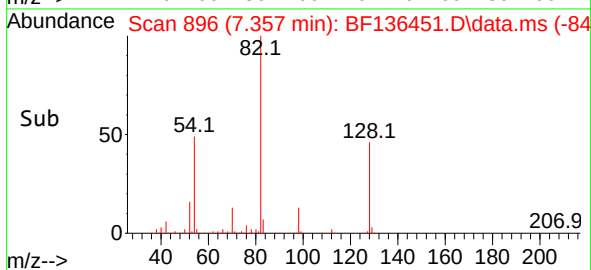
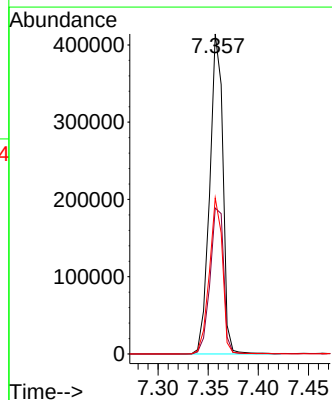
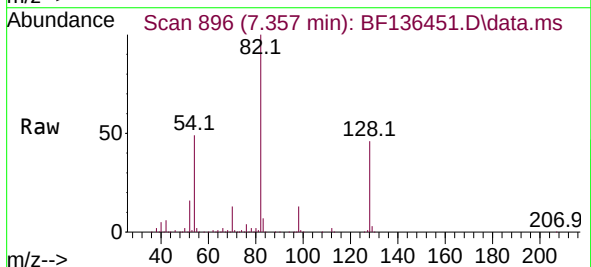
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.4	5.7	8.5
68	5.5	4.0	6.0

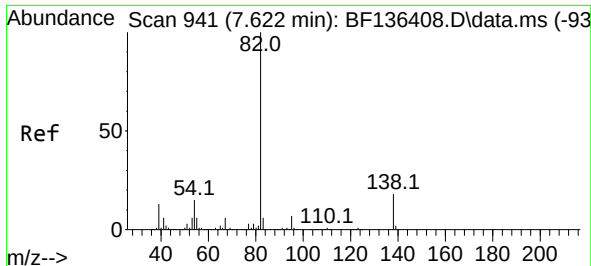


#23
Nitrobenzene-d5
Concen: 63.006 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136451.D
Acq: 07 Dec 2023 17:25

Tgt Ion: 82 Resp: 381216

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.3	54.5
54	48.7	39.0	58.6

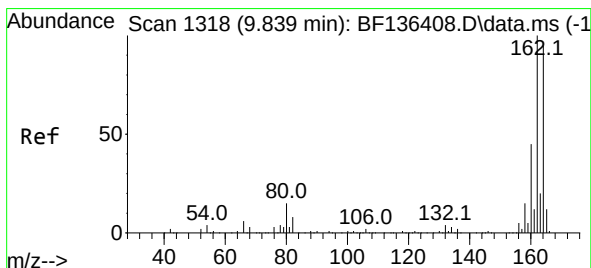
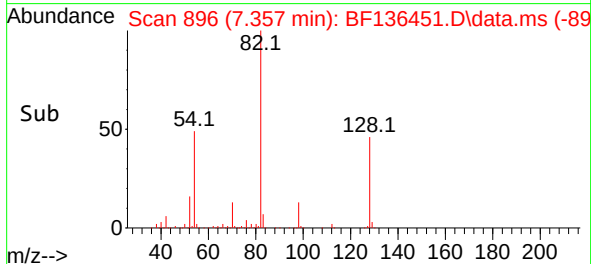
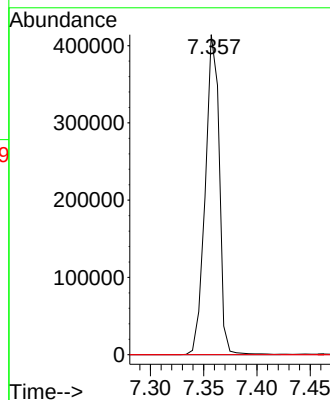
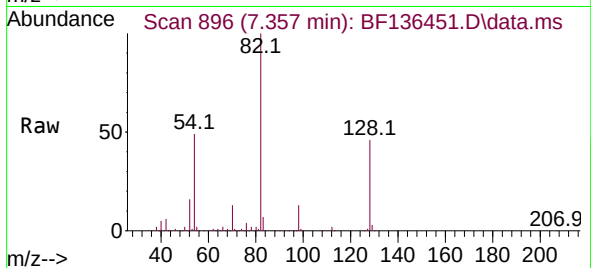




#25
Isophorone
Concen: 35.069 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF136451.D
Acq: 07 Dec 2023 17:25

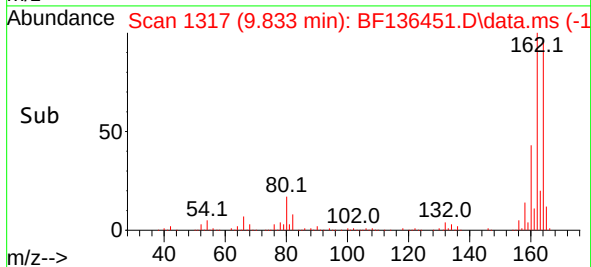
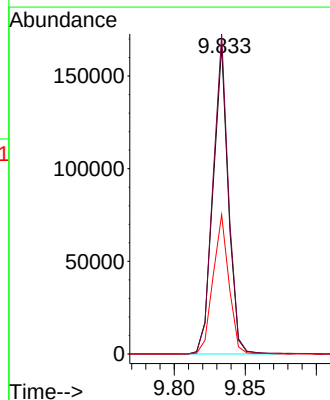
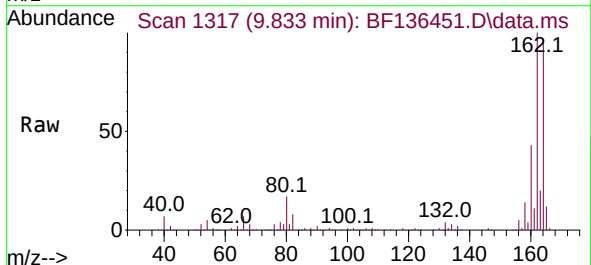
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-01

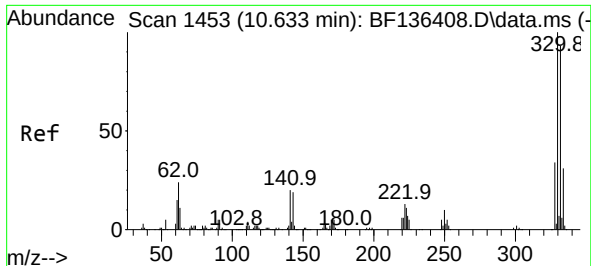
Tgt Ion: 82 Resp: 381212
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF136451.D
Acq: 07 Dec 2023 17:25

Tgt Ion:164 Resp: 125203
Ion Ratio Lower Upper
164 100
162 103.7 84.4 126.6
160 45.1 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 74.375 ng

RT: 10.627 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF136451.D

Acq: 07 Dec 2023 17:25

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-01

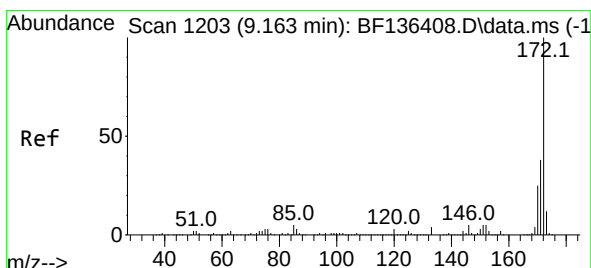
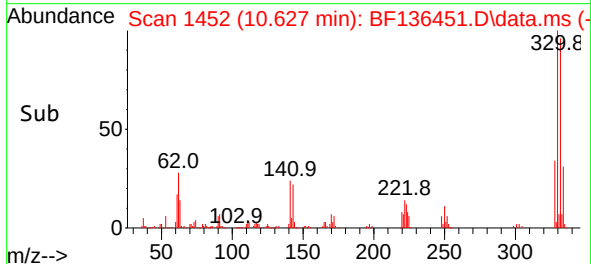
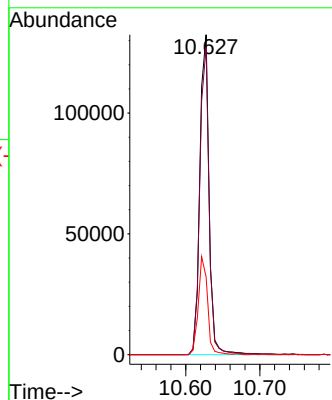
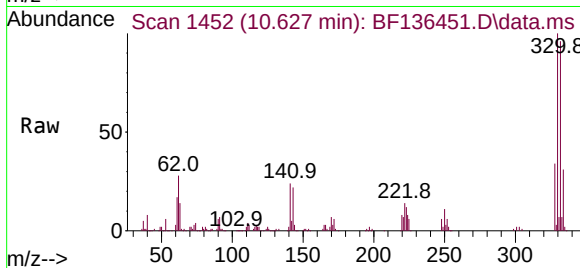
Tgt Ion:330 Resp: 114817

Ion Ratio Lower Upper

330 100

332 95.7 76.4 114.6

141 30.5 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 74.713 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF136451.D

Acq: 07 Dec 2023 17:25

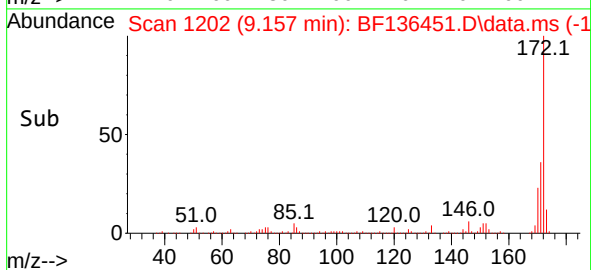
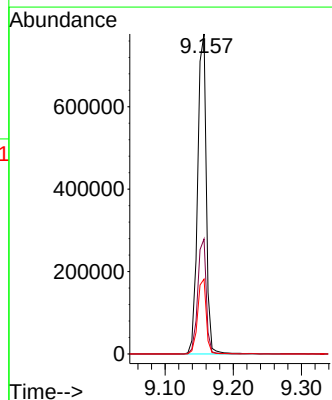
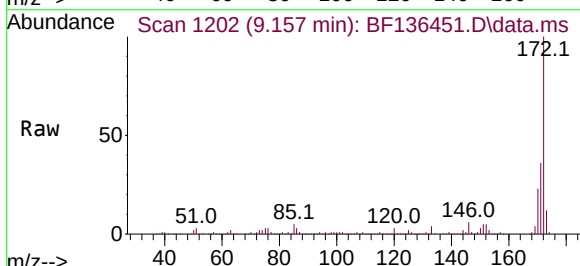
Tgt Ion:172 Resp: 685546

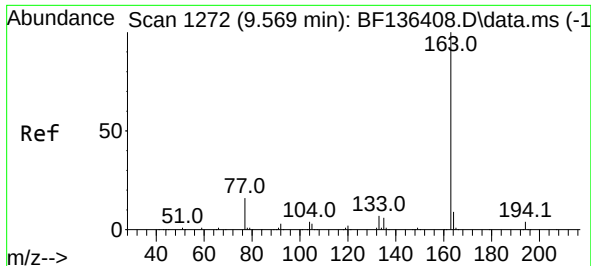
Ion Ratio Lower Upper

172 100

171 35.9 30.5 45.7

170 23.4 19.9 29.9

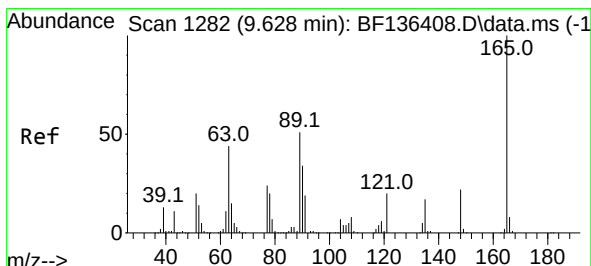
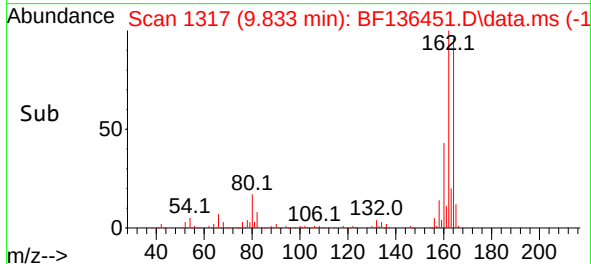
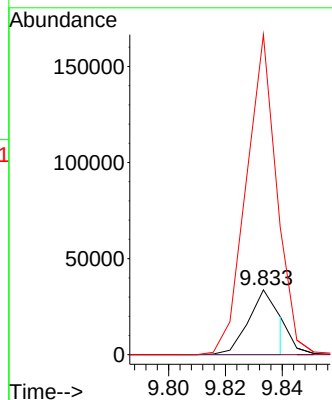
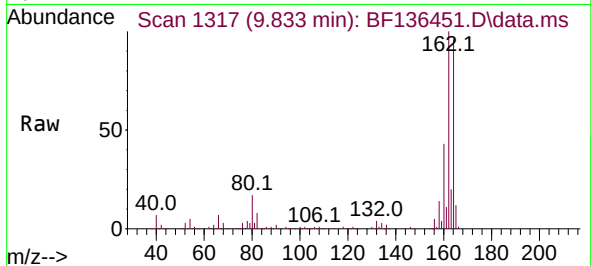




#50
Dimethylphthalate
Concen: 2.751 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF136451.D
Acq: 07 Dec 2023 17:25

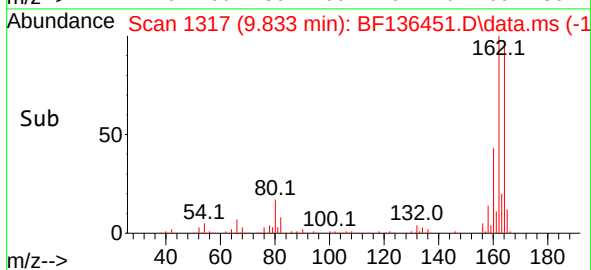
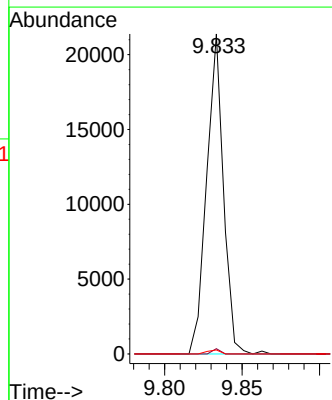
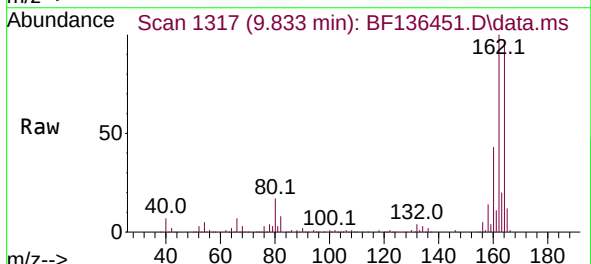
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-01

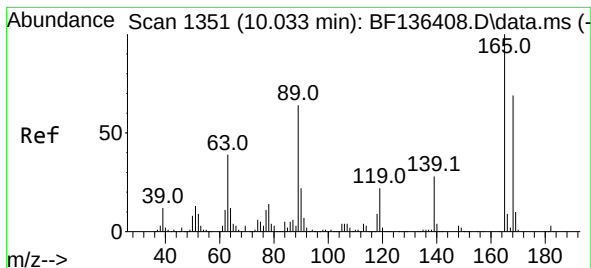
Tgt Ion:163 Resp: 25355
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 493.7 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.767 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF136451.D
Acq: 07 Dec 2023 17:25

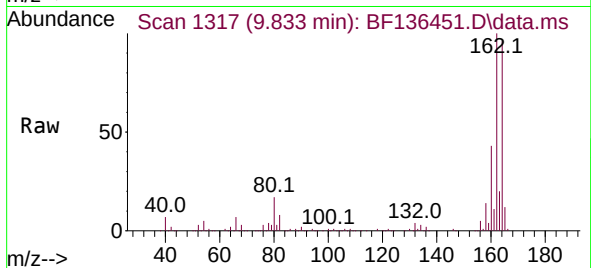
Tgt Ion:165 Resp: 16106
Ion Ratio Lower Upper
165 100
63 1.7 40.4 60.6#
89 1.3 40.6 60.8#



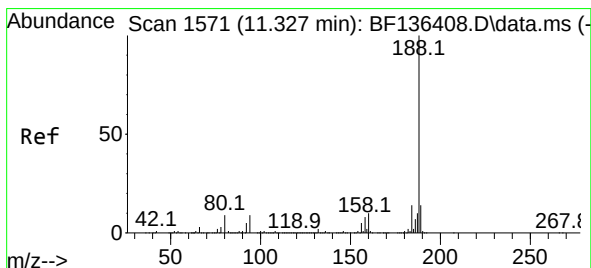
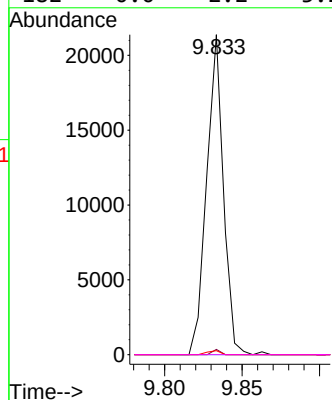
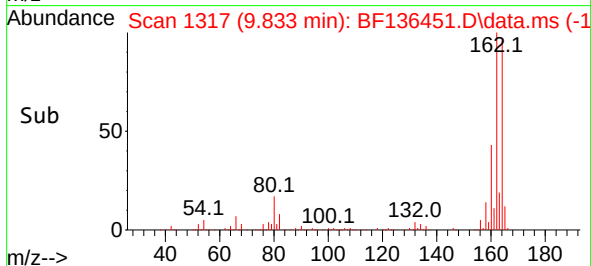


#57
2,4-Dinitrotoluene
Concen: 5.871 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136451.D
Acq: 07 Dec 2023 17:25

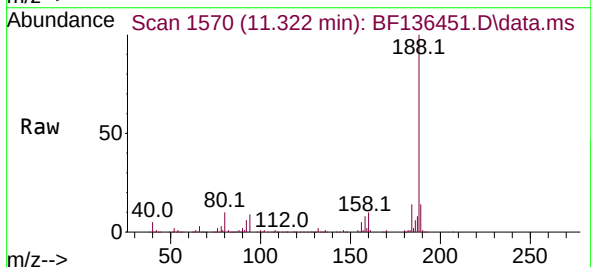
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-01



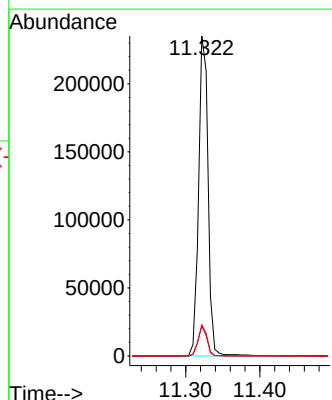
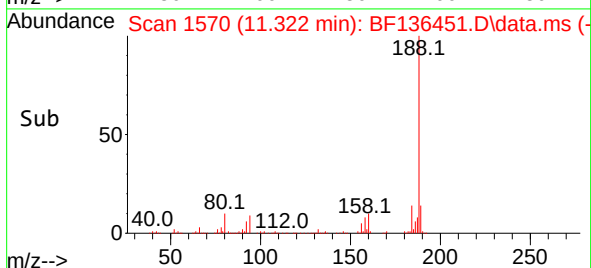
Tgt Ion:165 Resp: 16106
Ion Ratio Lower Upper
165 100
63 1.7 31.4 47.2#
89 1.3 51.7 77.5#
182 0.0 2.2 3.2#

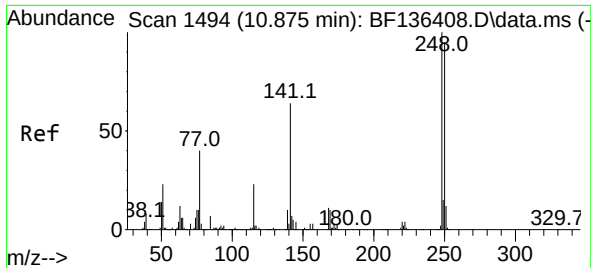


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136451.D
Acq: 07 Dec 2023 17:25



Tgt Ion:188 Resp: 207942
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 9.7 7.2 10.8

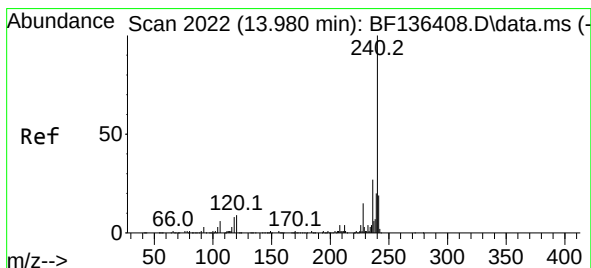
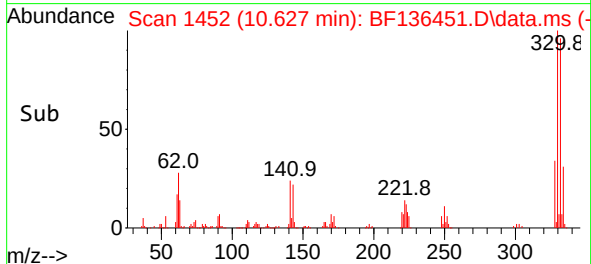
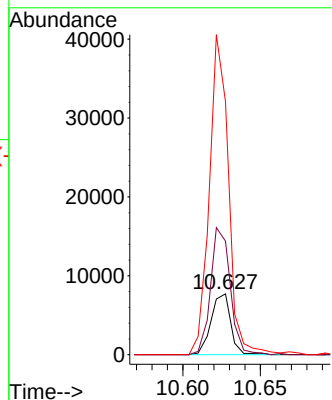
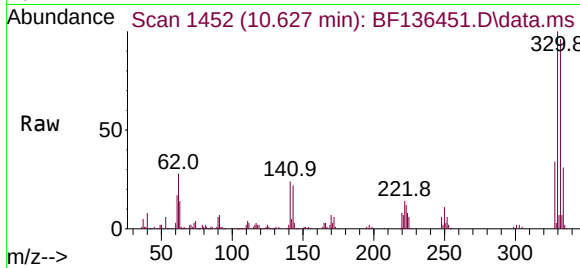




#67
4-Bromophenyl-phenylether
Concen: 2.816 ng
RT: 10.627 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF136451.D
Acq: 07 Dec 2023 17:25

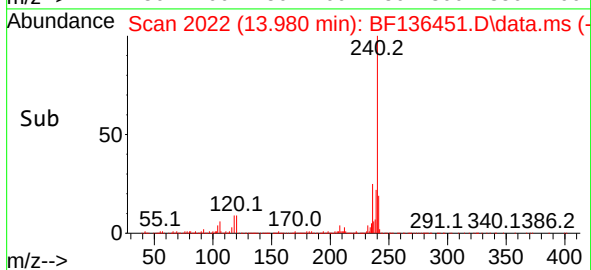
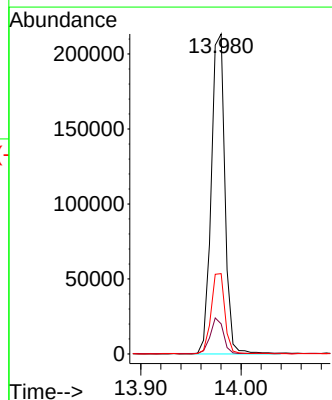
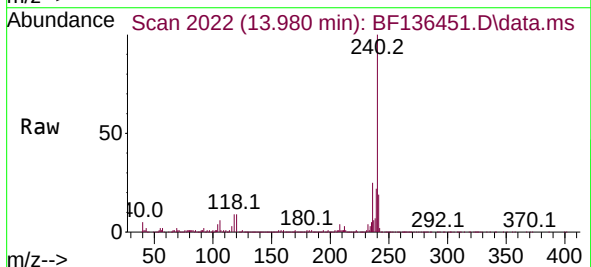
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-01

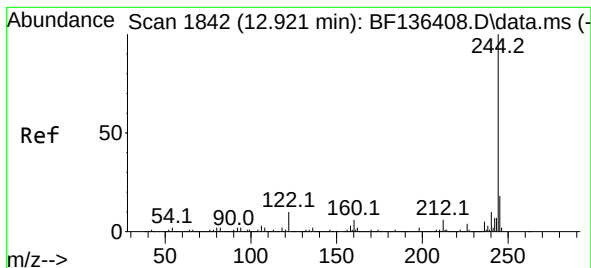
Tgt Ion:248 Resp: 6807
Ion Ratio Lower Upper
248 100
250 186.7 76.2 114.2#
141 415.9 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF136451.D
Acq: 07 Dec 2023 17:25

Tgt Ion:240 Resp: 202635
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 25.1 21.3 31.9





#79

Terphenyl-d14

Concen: 46.736 ng

RT: 12.921 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF136451.D

Acq: 07 Dec 2023 17:25

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-01

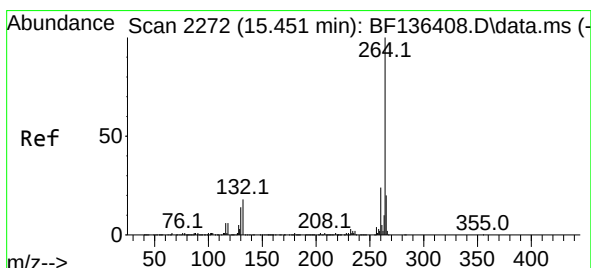
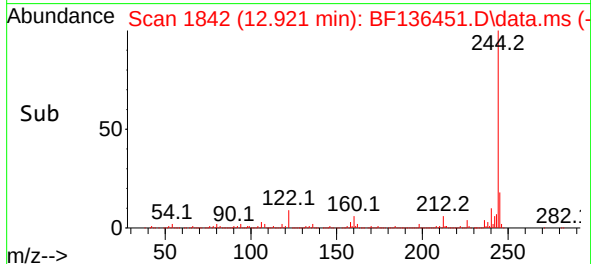
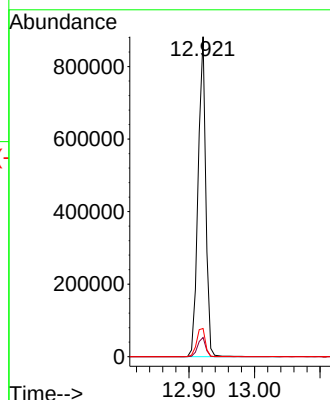
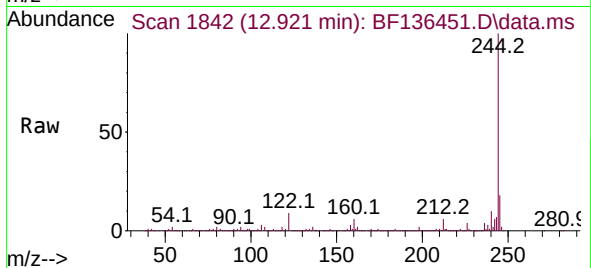
Tgt Ion:244 Resp: 718522

Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 8.8 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. 0.012 min

Lab File: BF136451.D

Acq: 07 Dec 2023 17:25

Tgt Ion:264 Resp: 166117

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.0 15.9 23.9

