

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
 Data File : BF136483.D
 Acq On : 08 Dec 2023 23:30
 Operator : CG\JU
 Sample : 05599-15RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-08RE

Quant Time: Dec 11 02:14:44 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)

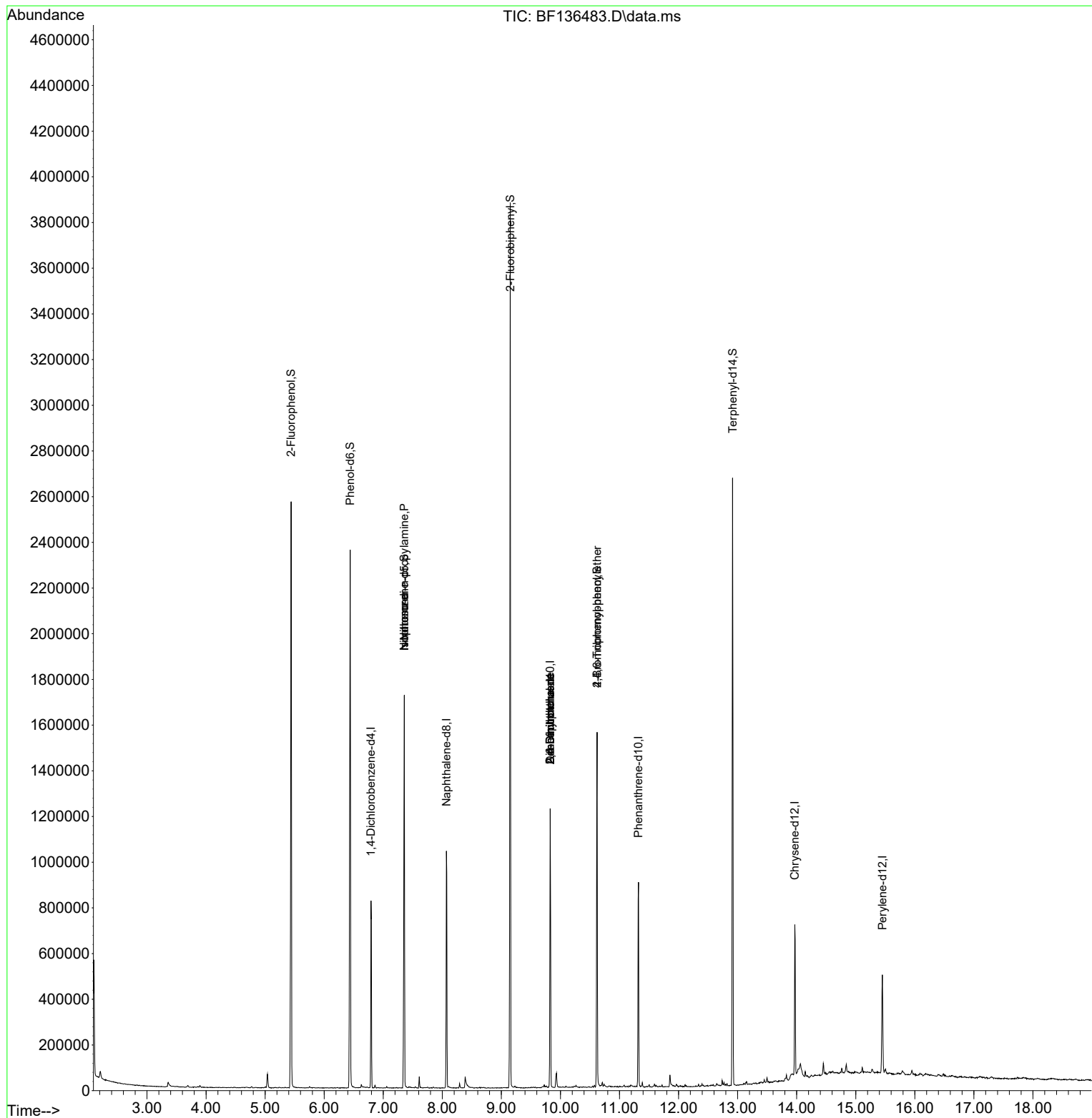
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	121157	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	478552	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	226327	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	339119	20.000	ng	0.00
76) Chrysene-d12	13.968	240	234514	20.000	ng	#-0.01
86) Perylene-d12	15.451	264	205723	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	717989	87.518	ng	0.00
7) Phenol-d6	6.440	99	900608	87.988	ng	0.00
23) Nitrobenzene-d5	7.357	82	544057	61.460	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	195272	69.974	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1081836	65.223	ng	-0.01
79) Terphenyl-d14	12.916	244	874170	49.131	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.440	77	1384	Below Cal	#	9
19) n-Nitroso-di-n-propyla...	7.357	70	70023	11.859	ng	# 77
25) Isophorone	7.357	82	544046	34.208	ng	# 65
50) Dimethylphthalate	9.828	163	45568	2.735	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	28584	7.625	ng	# 28
57) 2,4-Dinitrotoluene	9.828	165	28584	5.764	ng	# 28
67) 4-Bromophenyl-phenylether	10.622	248	11998	3.043	ng	# 1
77) Benzidine	12.916	184	10410	Below Cal	#	94

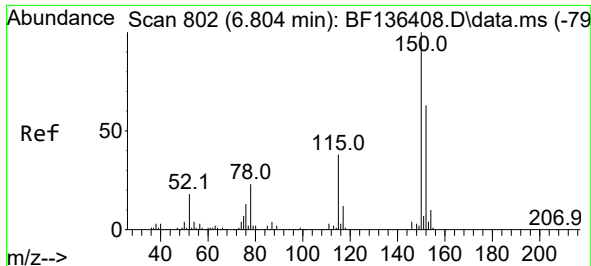
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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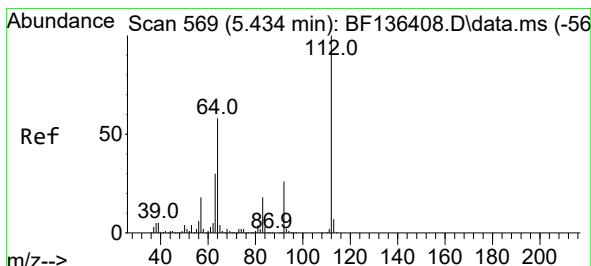
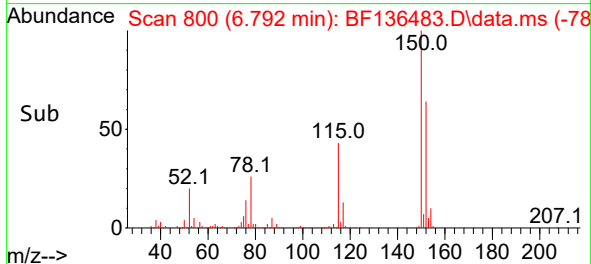
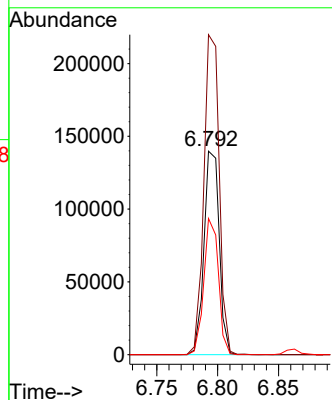
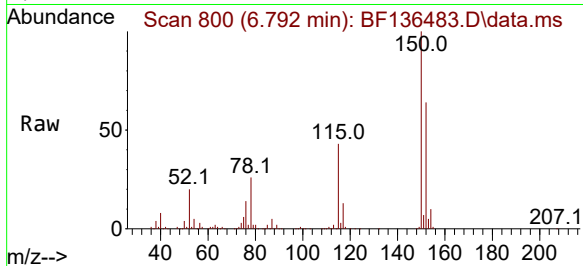




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF136483.D
Acq: 08 Dec 2023 23:30

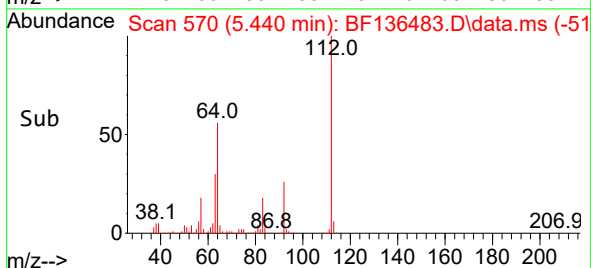
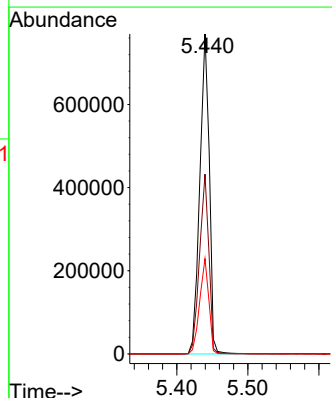
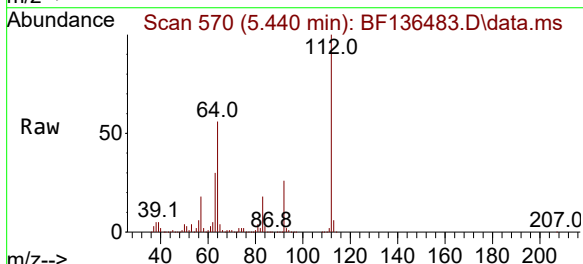
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-08RE

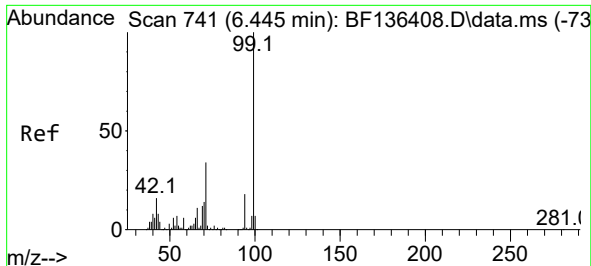
Tgt Ion:152 Resp: 121157
Ion Ratio Lower Upper
152 100
150 157.2 126.4 189.6
115 66.9 48.2 72.4



#5
2-Fluorophenol
Concen: 87.518 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136483.D
Acq: 08 Dec 2023 23:30

Tgt Ion:112 Resp: 717989
Ion Ratio Lower Upper
112 100
64 56.2 46.5 69.7
63 29.8 23.9 35.9

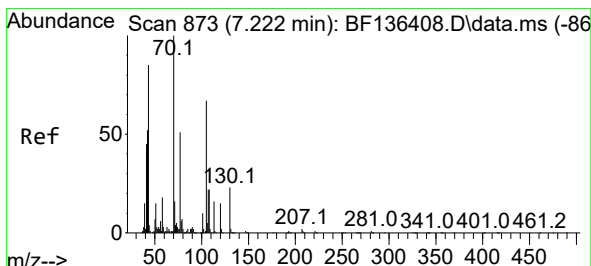
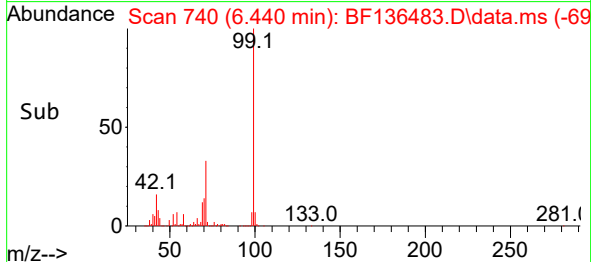
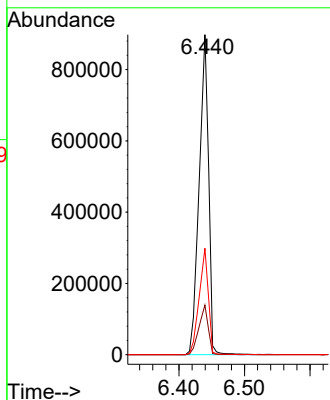
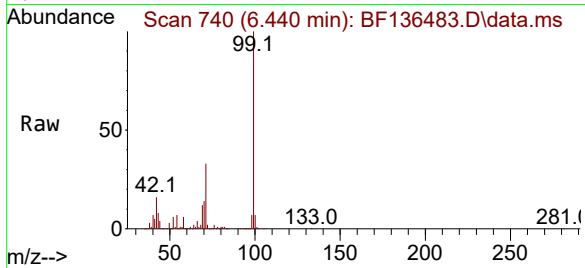




#7
Phenol-d6
Concen: 87.988 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136483.D
Acq: 08 Dec 2023 23:30

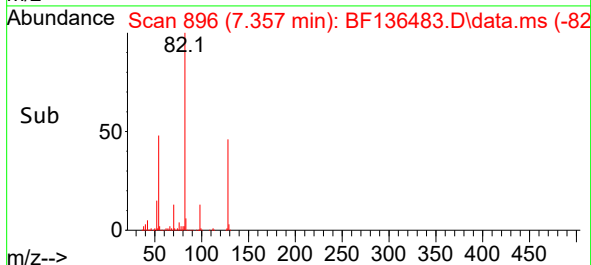
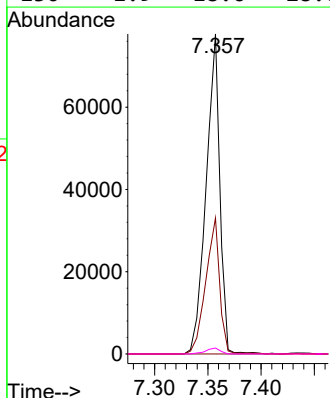
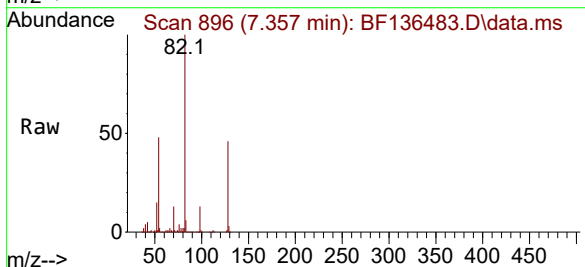
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-08RE

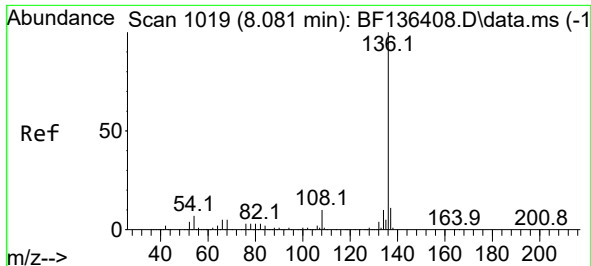
Tgt Ion: 99 Resp: 900608
Ion Ratio Lower Upper
99 100
42 15.5 12.8 19.2
71 33.3 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.859 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136483.D
Acq: 08 Dec 2023 23:30

Tgt Ion: 70 Resp: 70023
Ion Ratio Lower Upper
70 100
42 42.5 41.4 62.0
101 0.0 8.2 12.4#
130 1.9 18.6 28.0#

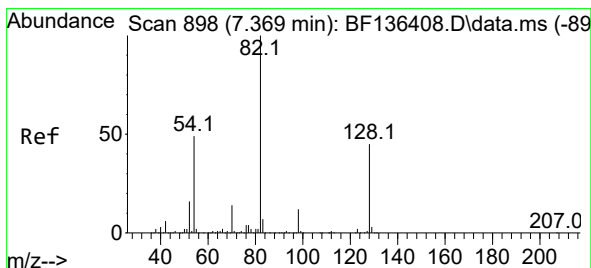
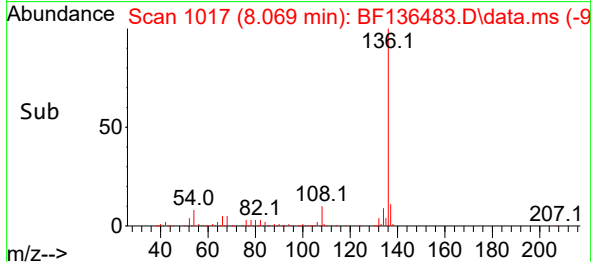
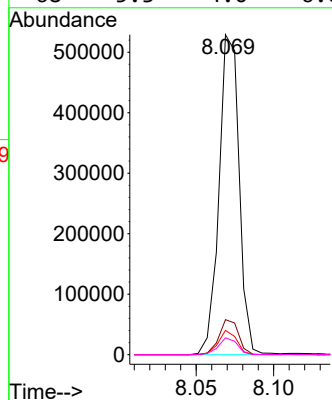
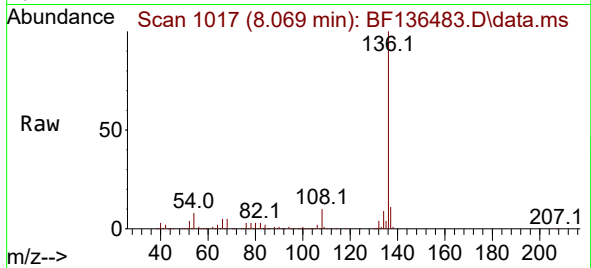




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF136483.D
Acq: 08 Dec 2023 23:30

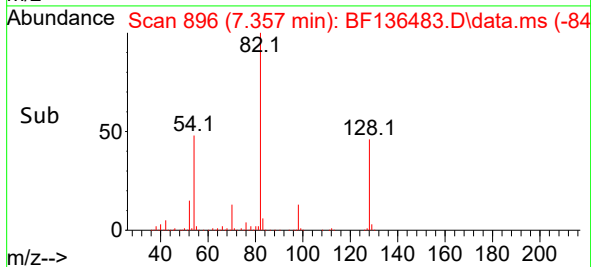
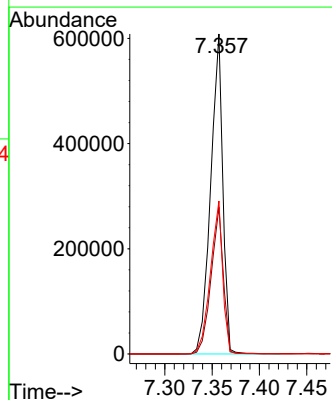
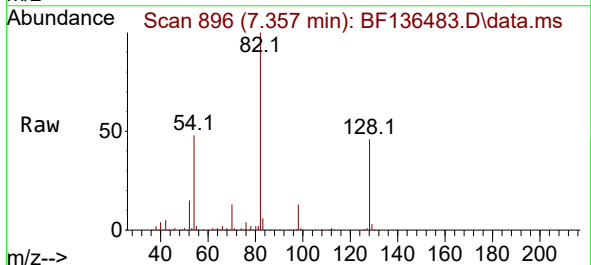
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-08RE

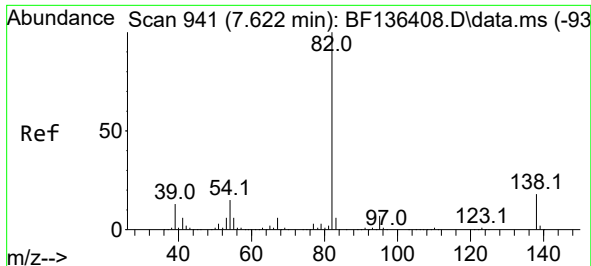
Tgt Ion:136 Resp: 478552
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.6 5.7 8.5
68 5.3 4.0 6.0



#23
Nitrobenzene-d5
Concen: 61.460 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136483.D
Acq: 08 Dec 2023 23:30

Tgt Ion: 82 Resp: 544057
Ion Ratio Lower Upper
82 100
128 45.8 36.3 54.5
54 47.8 39.0 58.6

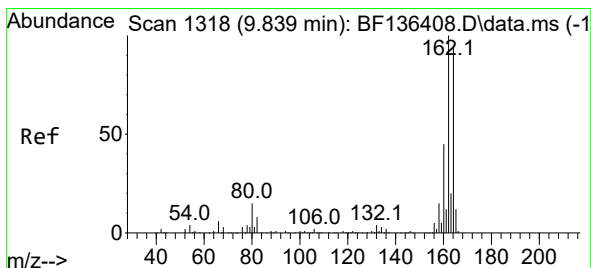
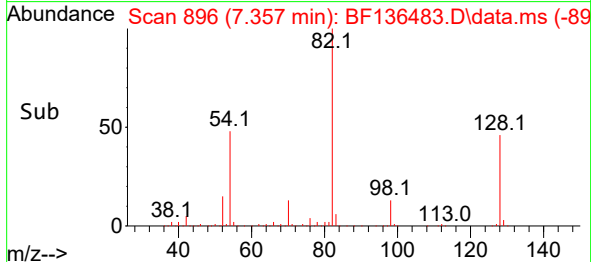
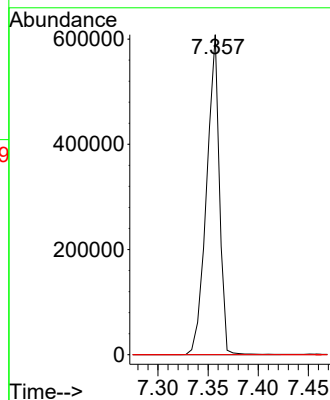
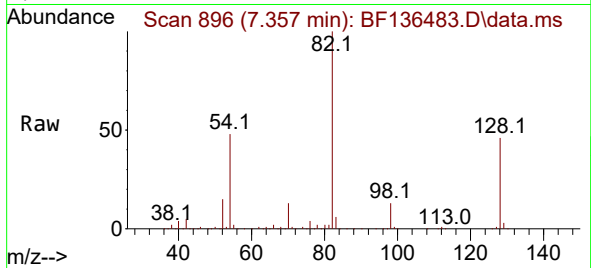




#25
Isophorone
Concen: 34.208 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF136483.D
Acq: 08 Dec 2023 23:30

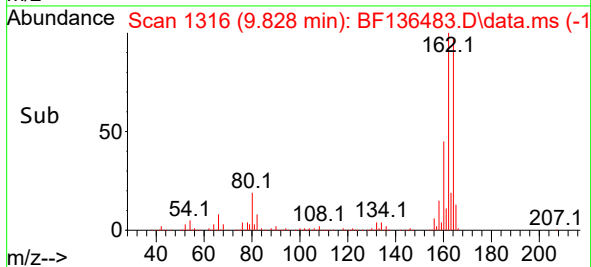
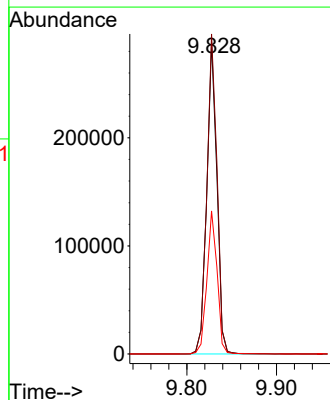
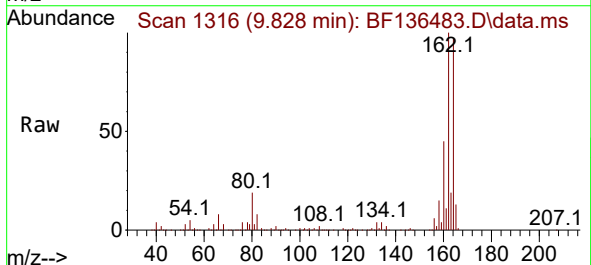
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-08RE

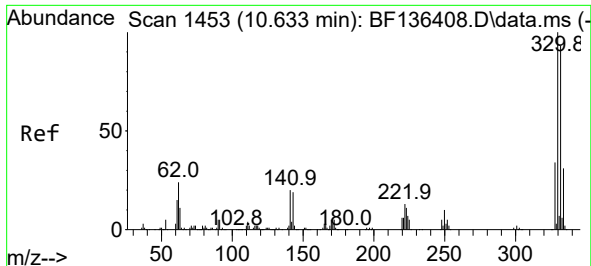
Tgt Ion: 82 Resp: 544046
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136483.D
Acq: 08 Dec 2023 23:30

Tgt Ion:164 Resp: 226327
Ion Ratio Lower Upper
164 100
162 102.6 84.4 126.6
160 45.9 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 69.974 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136483.D

Acq: 08 Dec 2023 23:30

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-08RE

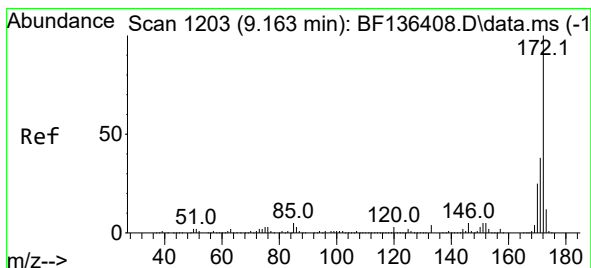
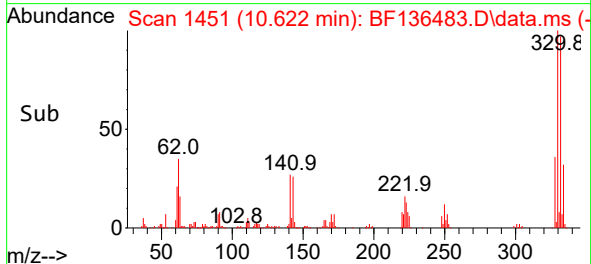
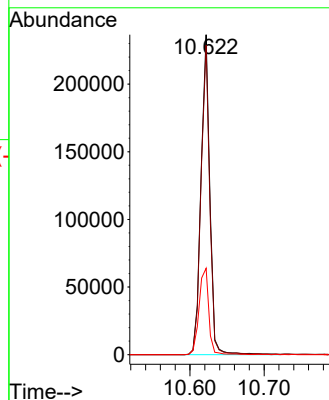
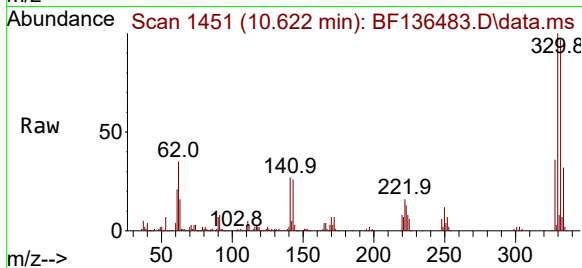
Tgt Ion:330 Resp: 195272

Ion Ratio Lower Upper

330 100

332 96.0 76.4 114.6

141 29.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 65.223 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136483.D

Acq: 08 Dec 2023 23:30

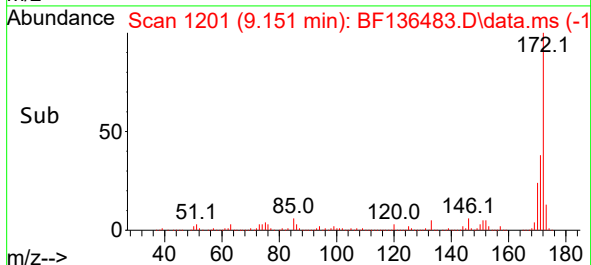
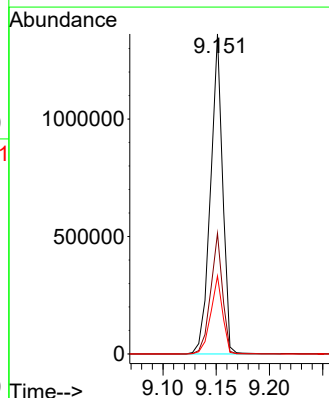
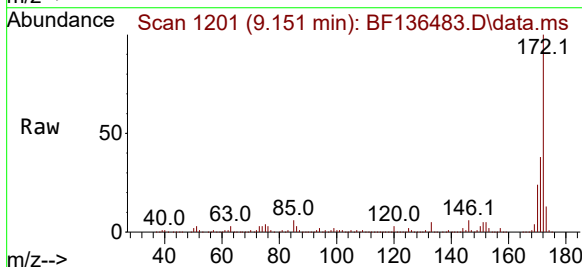
Tgt Ion:172 Resp: 1081836

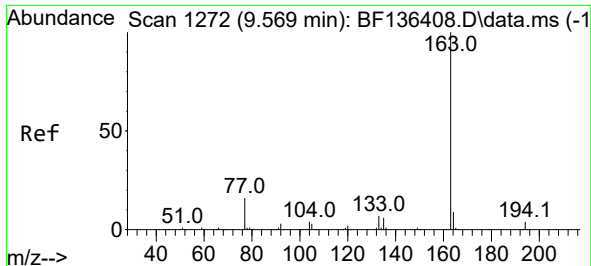
Ion Ratio Lower Upper

172 100

171 37.7 30.5 45.7

170 24.3 19.9 29.9

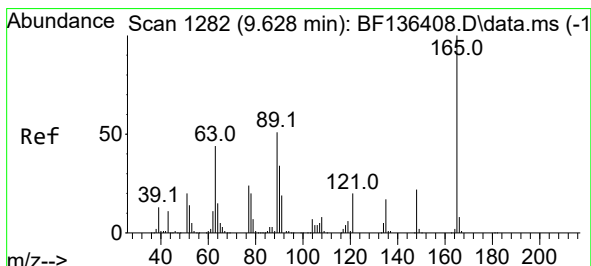
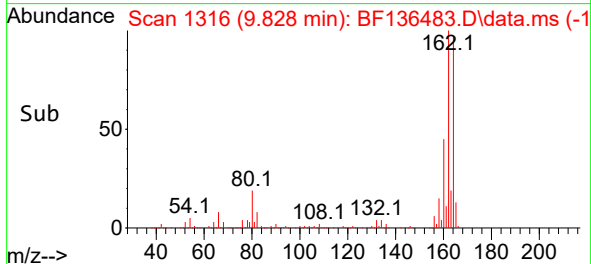
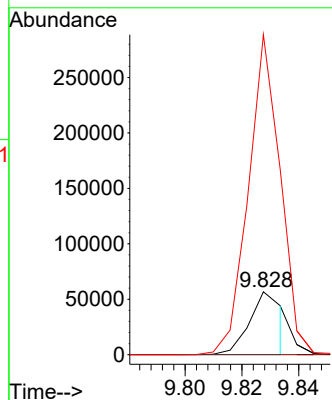
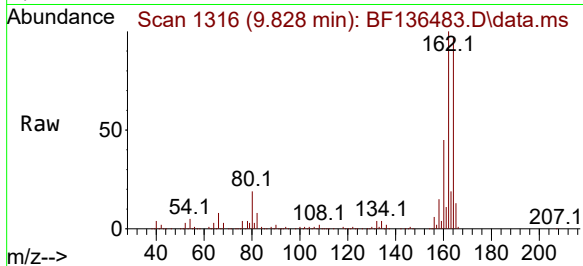




#50
Dimethylphthalate
Concen: 2.735 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF136483.D
Acq: 08 Dec 2023 23:30

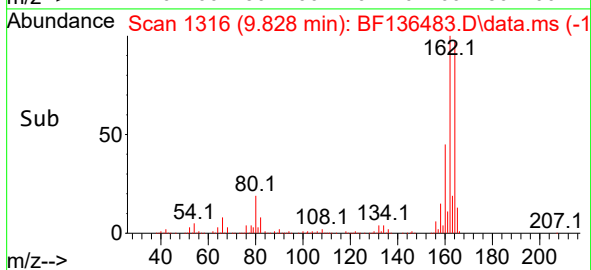
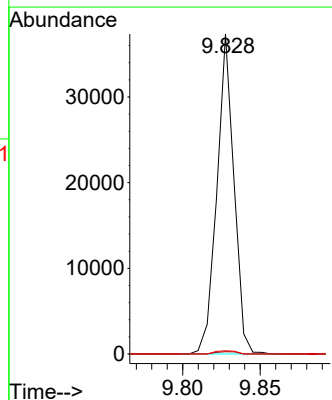
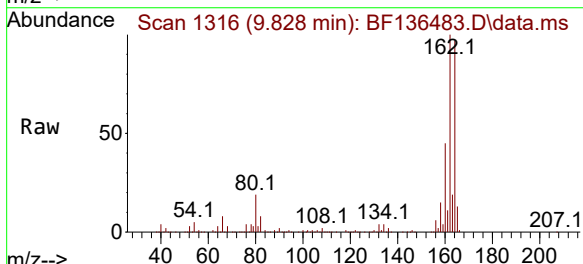
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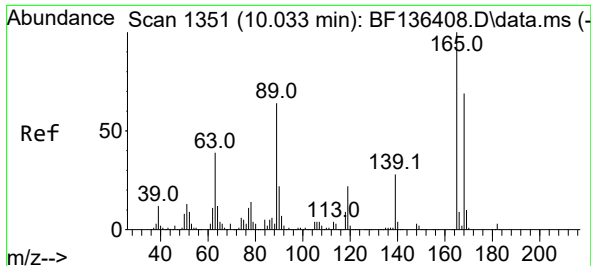
Tgt Ion:163 Resp: 45568
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 509.0 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.625 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF136483.D
Acq: 08 Dec 2023 23:30

Tgt Ion:165 Resp: 28584
Ion Ratio Lower Upper
165 100
63 0.7 40.4 60.6#
89 1.0 40.6 60.8#

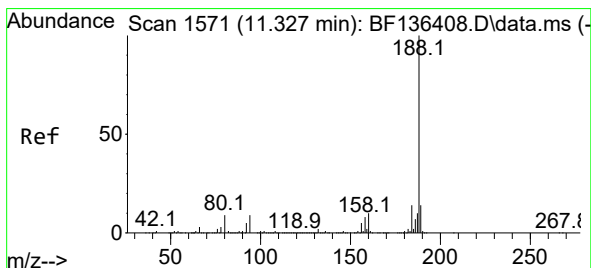
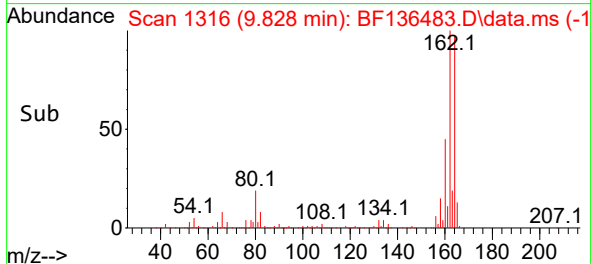
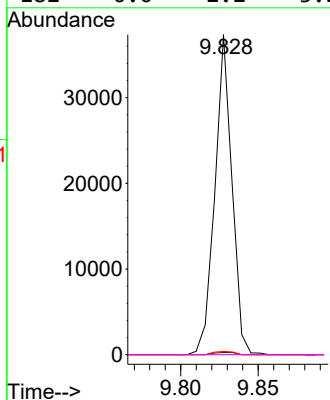
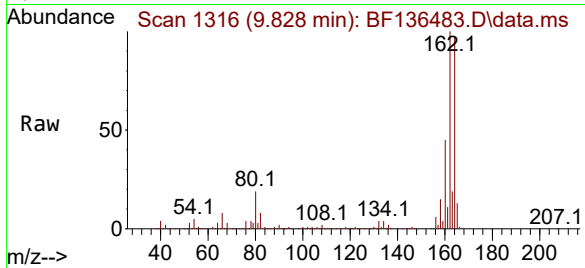




#57
2,4-Dinitrotoluene
Concen: 5.764 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136483.D
Acq: 08 Dec 2023 23:30

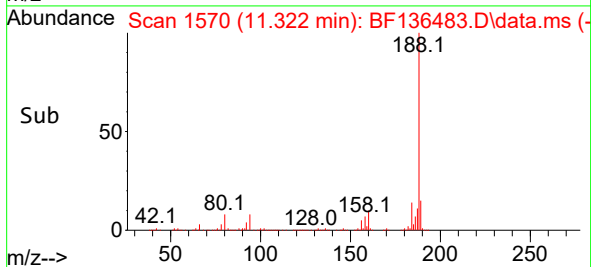
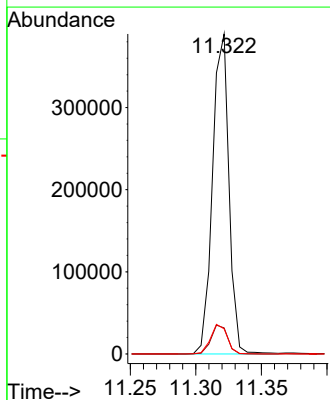
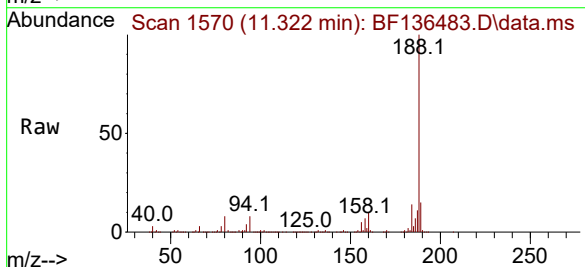
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-08RE

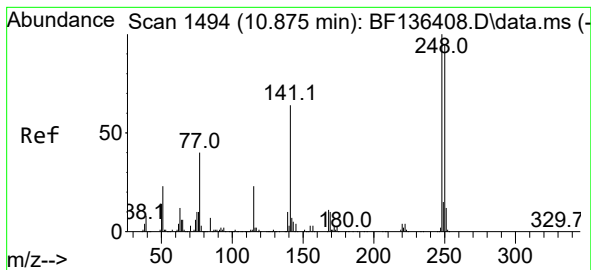
Tgt Ion:165 Resp: 28584
Ion Ratio Lower Upper
165 100
63 0.7 31.4 47.2#
89 1.0 51.7 77.5#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136483.D
Acq: 08 Dec 2023 23:30

Tgt Ion:188 Resp: 339119
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 7.8 7.2 10.8

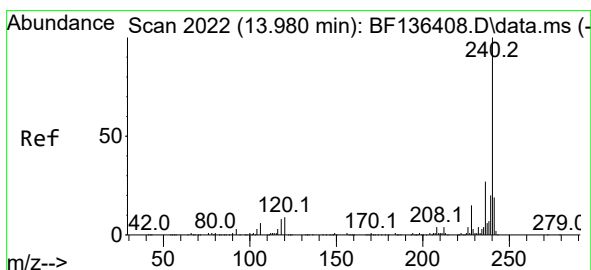
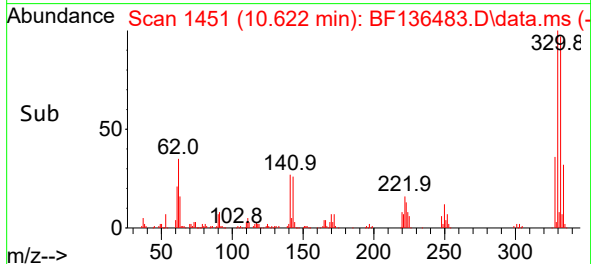
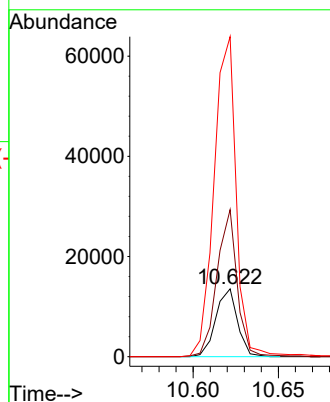
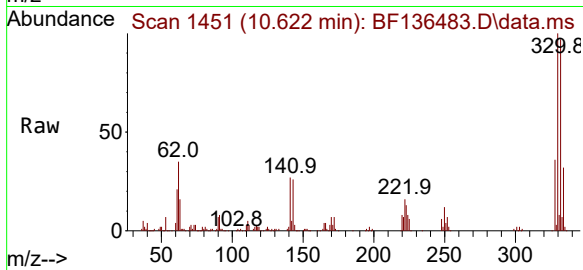




#67
4-Bromophenyl-phenylether
Concen: 3.043 ng
RT: 10.622 min Scan# 1494
Delta R.T. -0.253 min
Lab File: BF136483.D
Acq: 08 Dec 2023 23:30

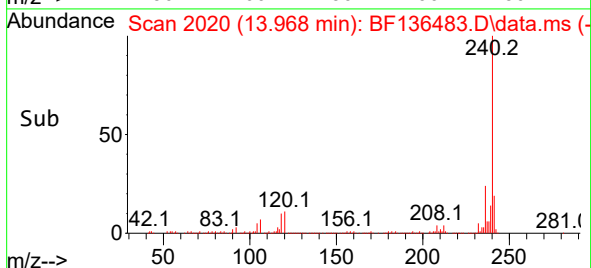
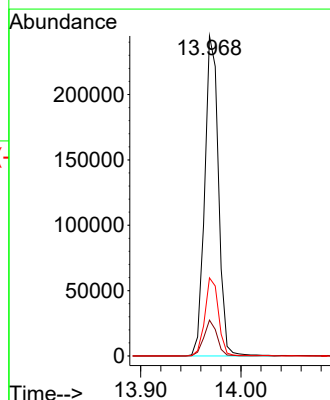
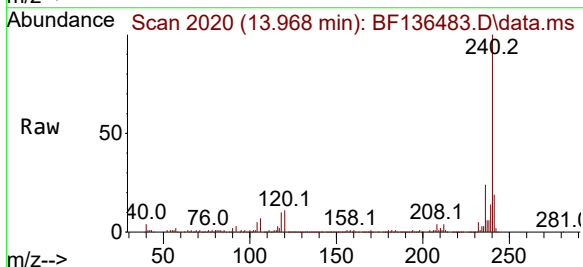
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-08RE

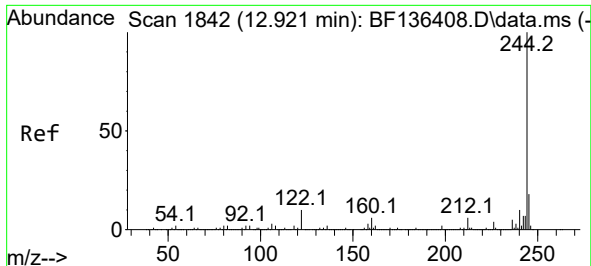
Tgt Ion:248 Resp: 11998
Ion Ratio Lower Upper
248 100
250 216.6 76.2 114.2#
141 471.5 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136483.D
Acq: 08 Dec 2023 23:30

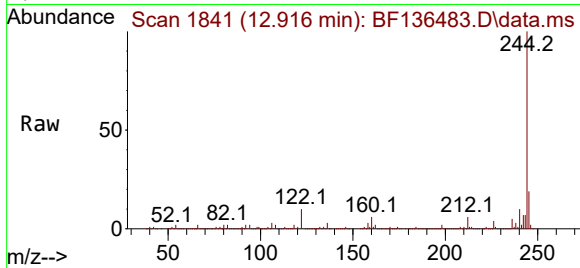
Tgt Ion:240 Resp: 234514
Ion Ratio Lower Upper
240 100
120 11.2 7.3 10.9#
236 24.4 21.3 31.9



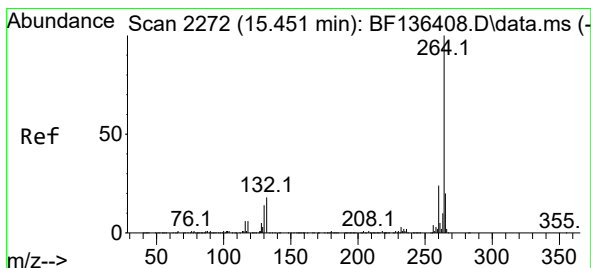
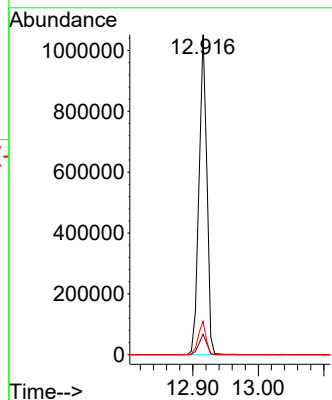
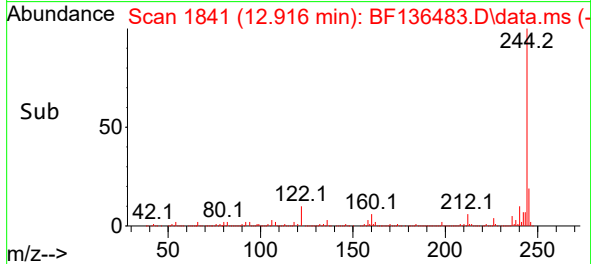


#79
 Terphenyl-d14
 Concen: 49.131 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136483.D
 Acq: 08 Dec 2023 23:30

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-08RE



Tgt Ion:244 Resp: 874170
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 10.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.000 min
 Lab File: BF136483.D
 Acq: 08 Dec 2023 23:30

Tgt Ion:264 Resp: 205723
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.4 15.9 23.9

