

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
 Data File : BF136455.D
 Acq On : 07 Dec 2023 19:33
 Operator : CG\JU
 Sample : 05599-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-05

Quant Time: Dec 08 00:42:22 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)

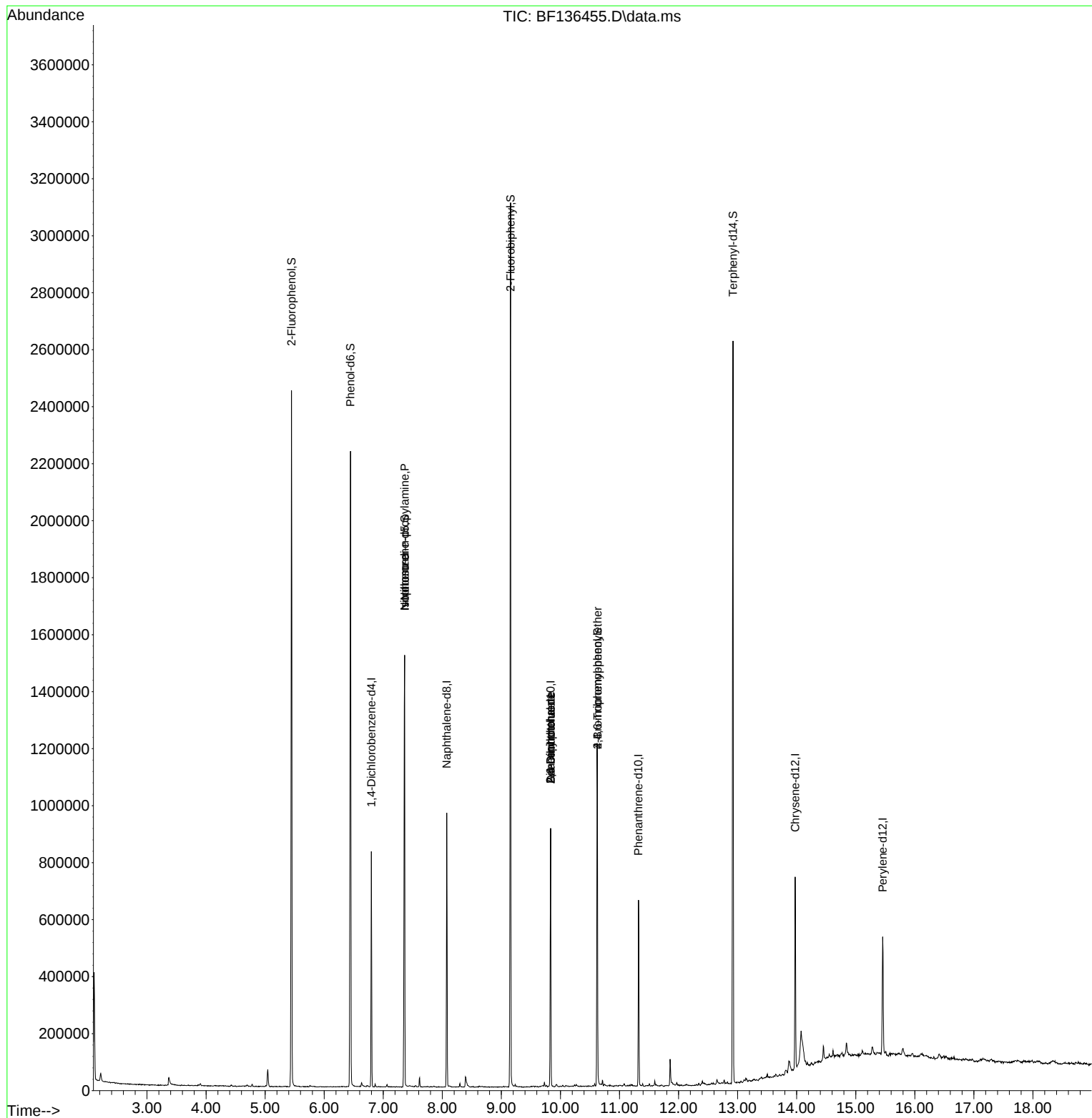
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	109013	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	392996	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	160175	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	234321	20.000	ng	0.00
76) Chrysene-d12	13.974	240	223894	20.000	ng	0.00
86) Perylene-d12	15.457	264	193276	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	685452	92.860	ng	0.01
7) Phenol-d6	6.445	99	833023	90.451	ng	0.00
23) Nitrobenzene-d5	7.363	82	503939	69.322	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	160431	81.232	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	935569	79.699	ng	0.00
79) Terphenyl-d14	12.921	244	839086	49.396	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.445	77	1087	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	7.363	70	65532	12.335	ng	# 73
25) Isophorone	7.363	82	503930	38.584	ng	# 65
50) Dimethylphthalate	9.833	163	32184	2.729	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	19769	7.452	ng	# 29
57) 2,4-Dinitrotoluene	9.833	165	19769	5.633	ng	# 28
67) 4-Bromophenyl-phenylether	10.627	248	9255	3.397	ng	# 1
77) Benzidine	12.921	184	9517	Below Cal	#	94

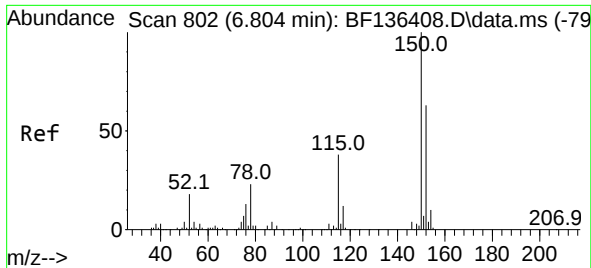
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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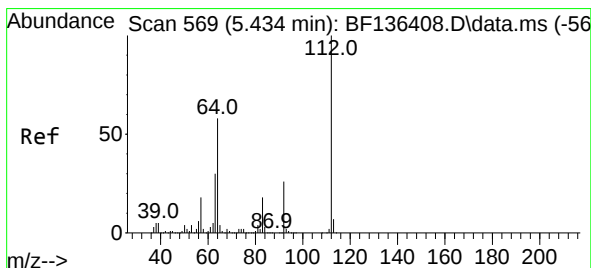
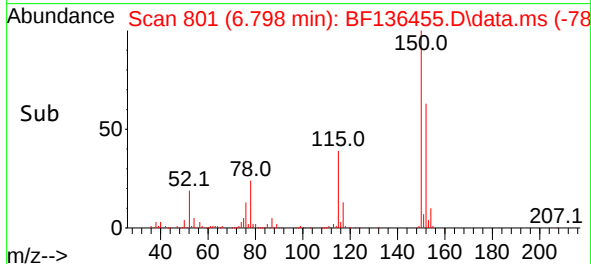
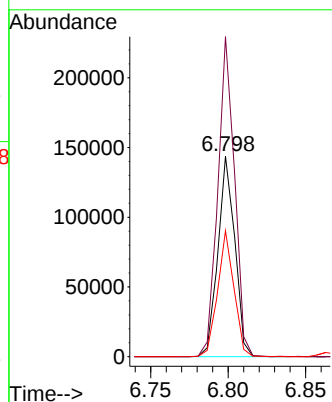
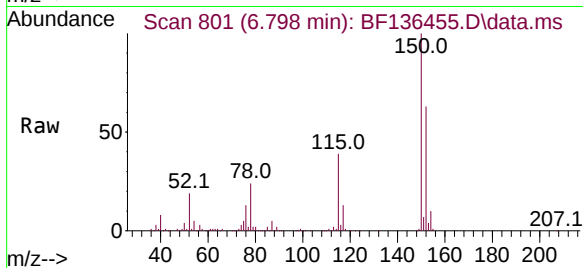




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF136455.D
Acq: 07 Dec 2023 19:33

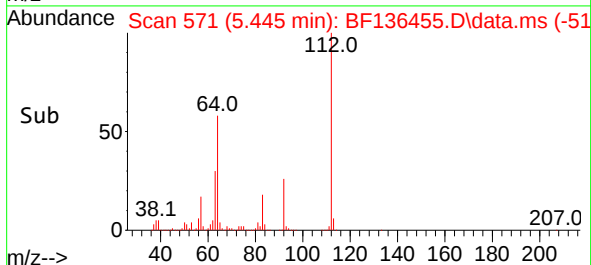
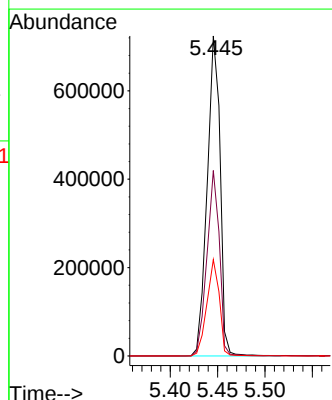
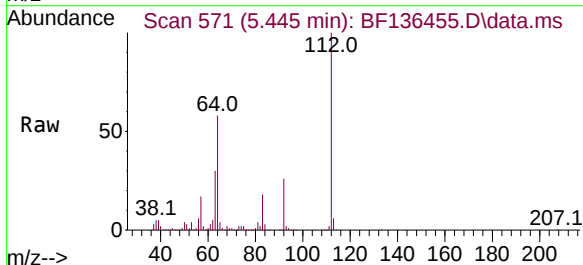
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-05

Tgt Ion:152 Resp: 109013
Ion Ratio Lower Upper
152 100
150 159.6 126.4 189.6
115 62.8 48.2 72.4



#5
2-Fluorophenol
Concen: 92.860 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF136455.D
Acq: 07 Dec 2023 19:33

Tgt Ion:112 Resp: 685452
Ion Ratio Lower Upper
112 100
64 57.9 46.5 69.7
63 30.1 23.9 35.9

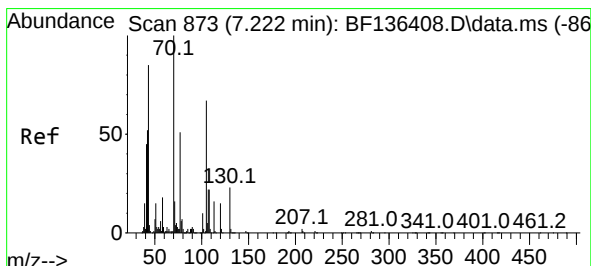
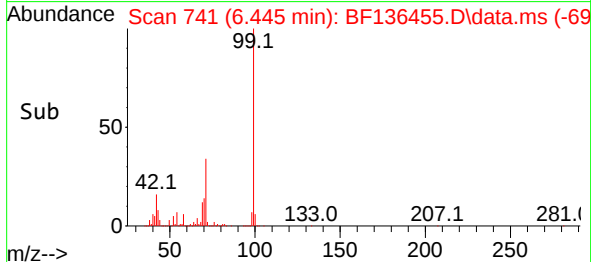
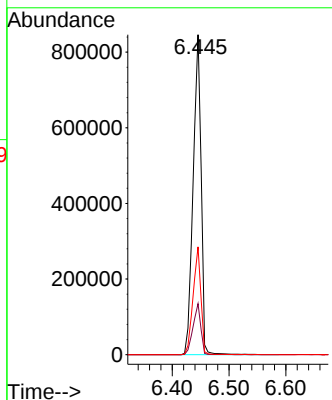
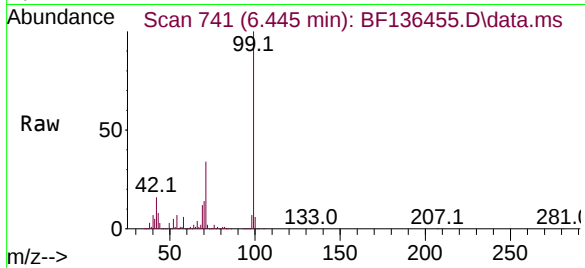




#7
Phenol-d6
Concen: 90.451 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136455.D
Acq: 07 Dec 2023 19:33

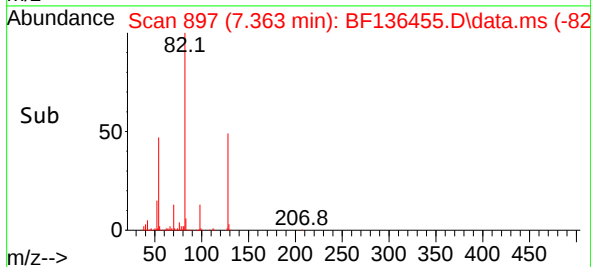
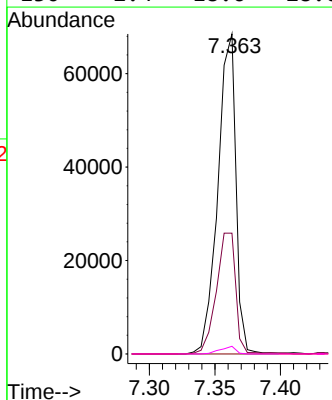
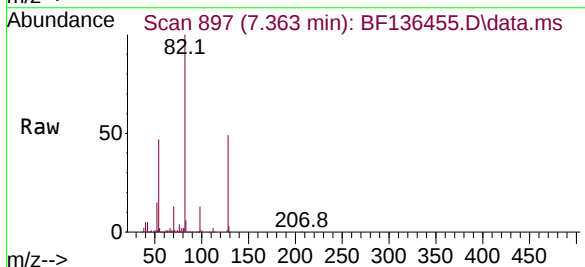
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-05

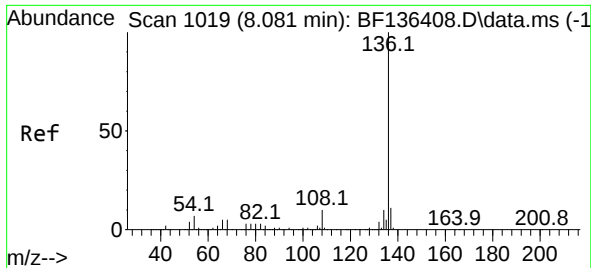
Tgt Ion: 99 Resp: 833023
Ion Ratio Lower Upper
99 100
42 15.9 12.8 19.2
71 33.7 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.335 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF136455.D
Acq: 07 Dec 2023 19:33

Tgt Ion: 70 Resp: 65532
Ion Ratio Lower Upper
70 100
42 37.7 41.4 62.0#
101 0.0 8.2 12.4#
130 2.4 18.6 28.0#



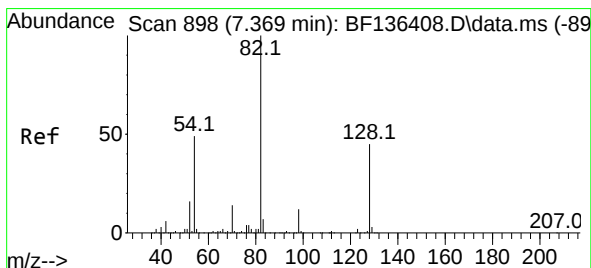
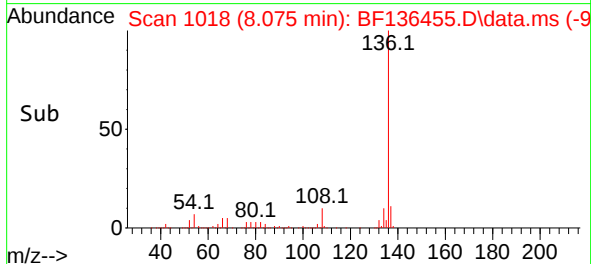
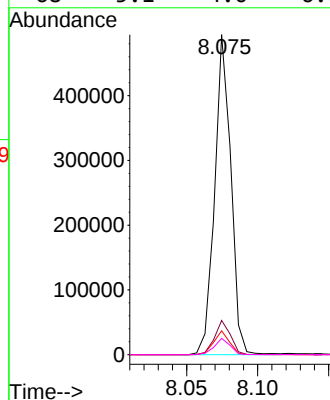
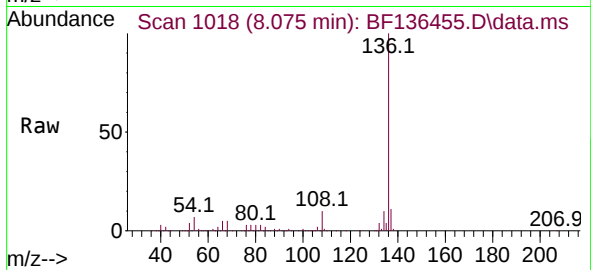


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136455.D
Acq: 07 Dec 2023 19:33

Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-05

Tgt Ion:136 Resp: 392996

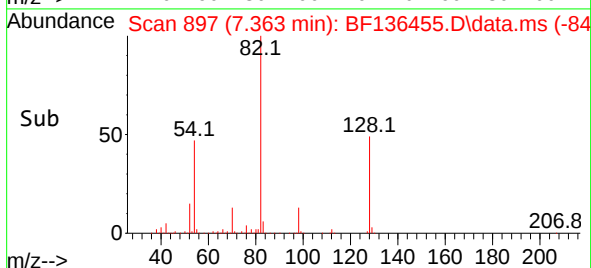
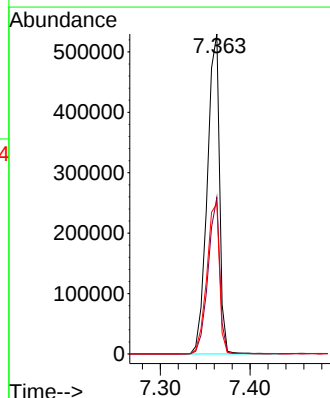
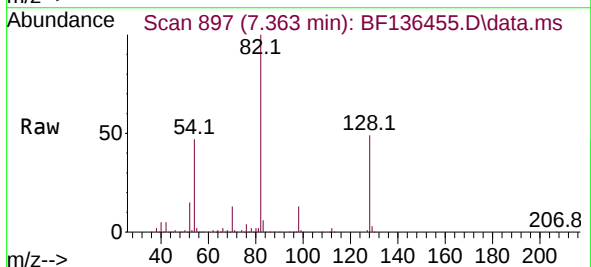
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.5	5.7	8.5
68	5.1	4.0	6.0

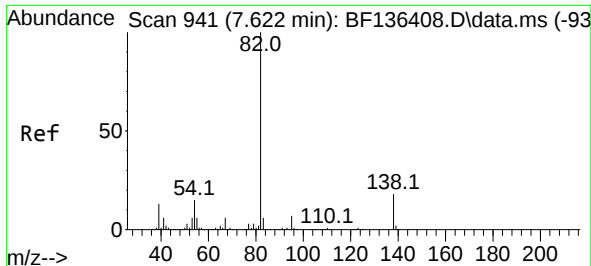


#23
Nitrobenzene-d5
Concen: 69.322 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF136455.D
Acq: 07 Dec 2023 19:33

Tgt Ion: 82 Resp: 503939

Ion	Ratio	Lower	Upper
82	100		
128	48.9	36.3	54.5
54	47.0	39.0	58.6

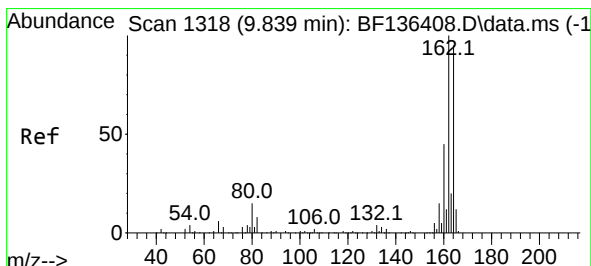
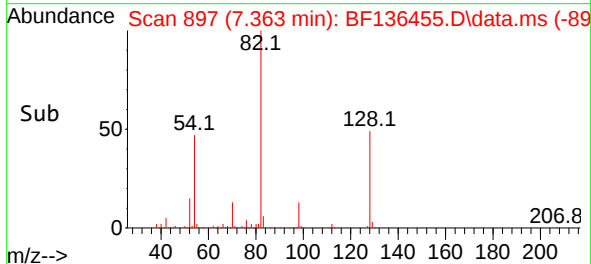
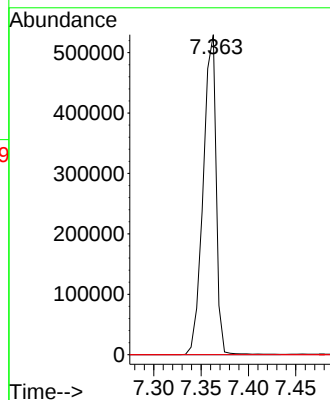
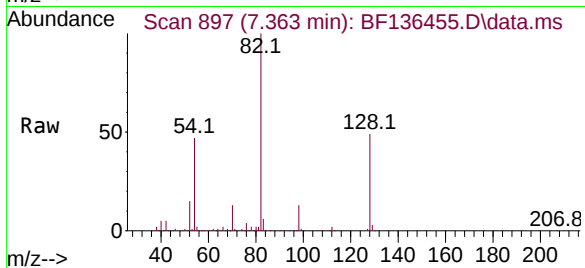




#25
Isophorone
Concen: 38.584 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.259 min
Lab File: BF136455.D
Acq: 07 Dec 2023 19:33

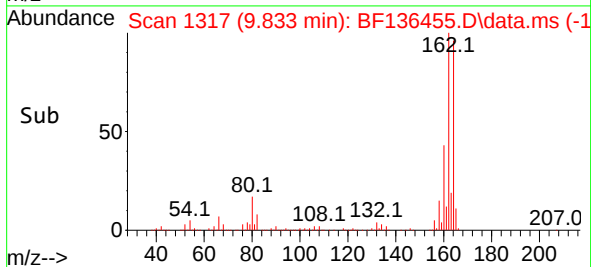
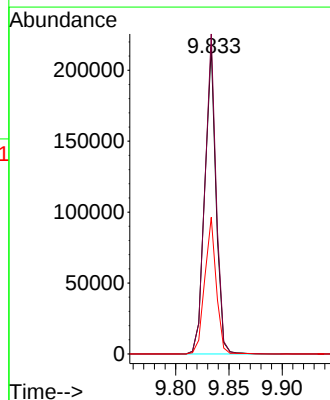
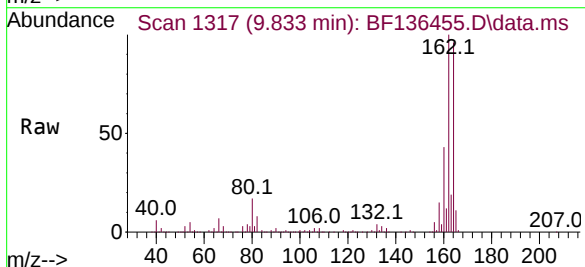
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-05

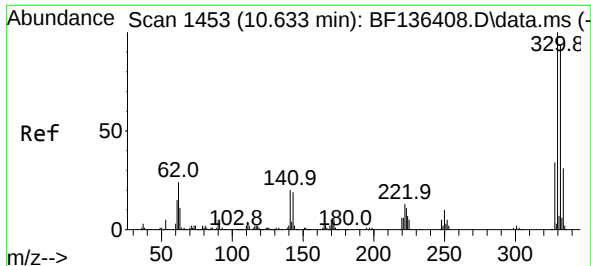
Tgt Ion: 82 Resp: 503930
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF136455.D
Acq: 07 Dec 2023 19:33

Tgt Ion: 164 Resp: 160175
Ion Ratio Lower Upper
164 100
162 104.1 84.4 126.6
160 44.4 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 81.232 ng

RT: 10.627 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF136455.D

Acq: 07 Dec 2023 19:33

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-05

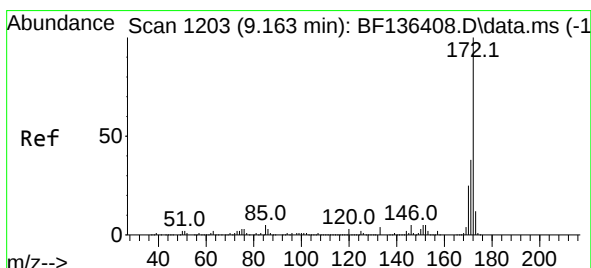
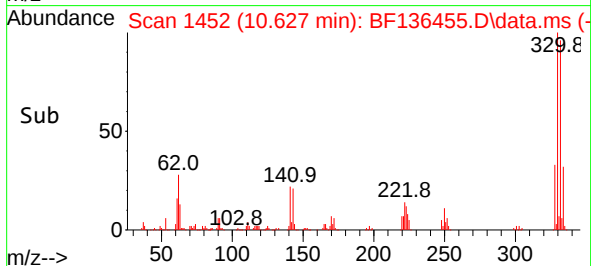
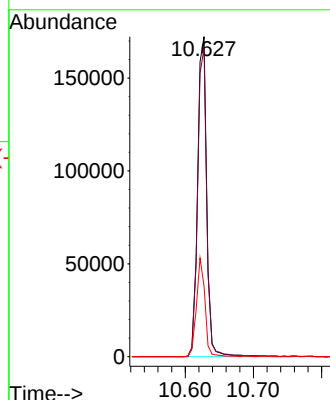
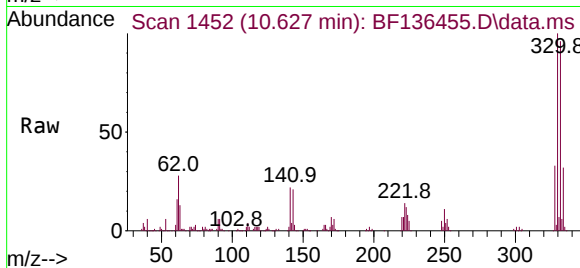
Tgt Ion:330 Resp: 160431

Ion Ratio Lower Upper

330 100

332 95.5 76.4 114.6

141 28.6 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 79.699 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF136455.D

Acq: 07 Dec 2023 19:33

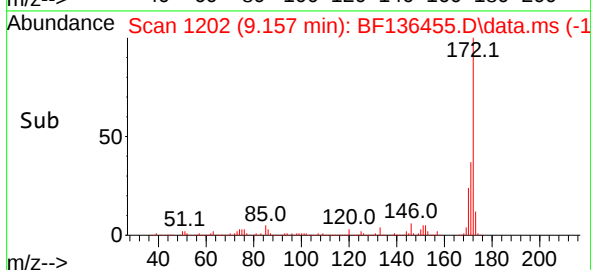
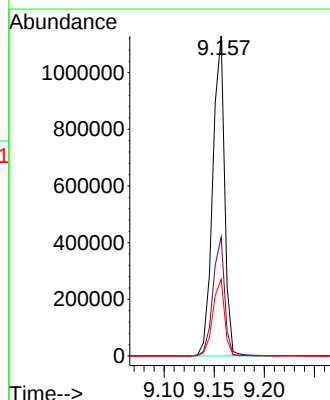
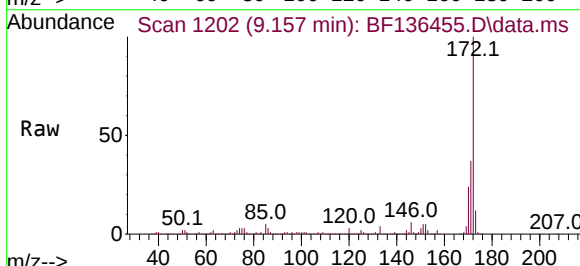
Tgt Ion:172 Resp: 935569

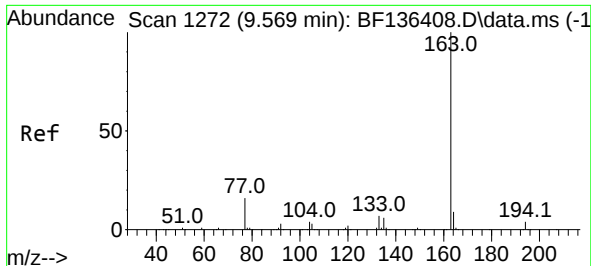
Ion Ratio Lower Upper

172 100

171 37.2 30.5 45.7

170 24.0 19.9 29.9

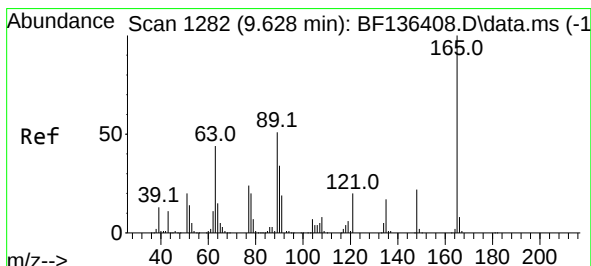
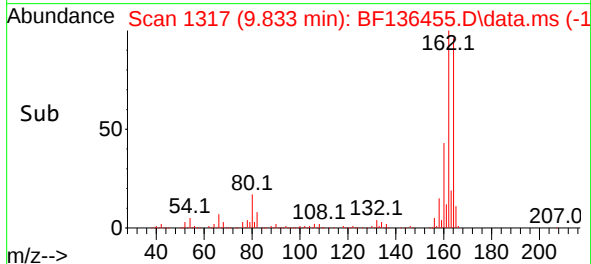
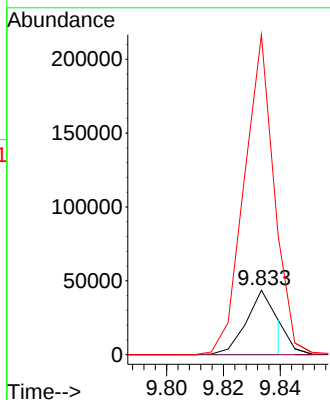
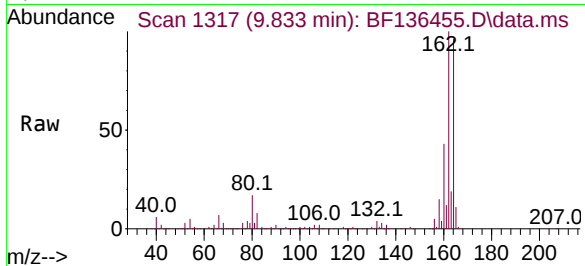




#50
Dimethylphthalate
Concen: 2.729 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF136455.D
Acq: 07 Dec 2023 19:33

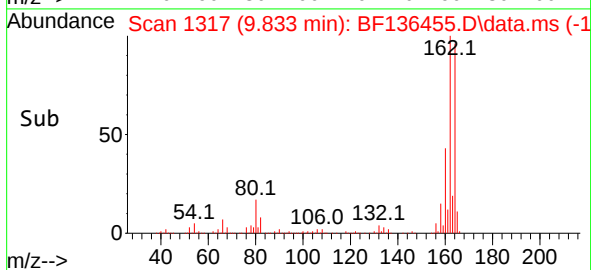
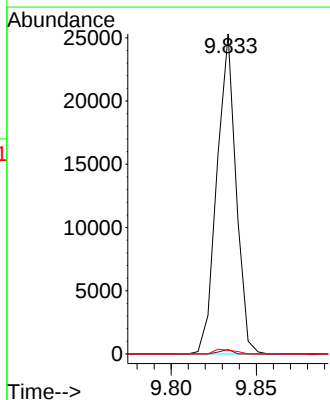
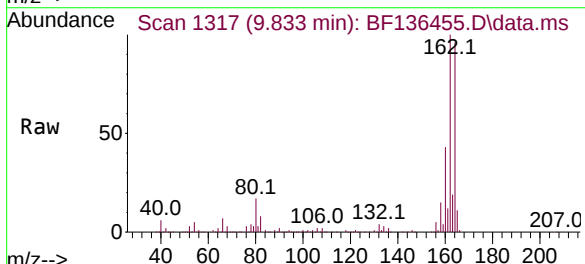
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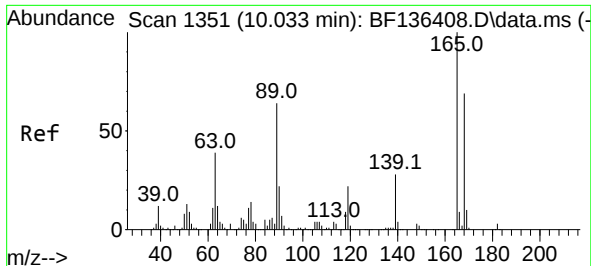
Tgt Ion:163 Resp: 32184
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 496.2 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.452 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF136455.D
Acq: 07 Dec 2023 19:33

Tgt Ion:165 Resp: 19769
Ion Ratio Lower Upper
165 100
63 1.4 40.4 60.6#
89 1.1 40.6 60.8#

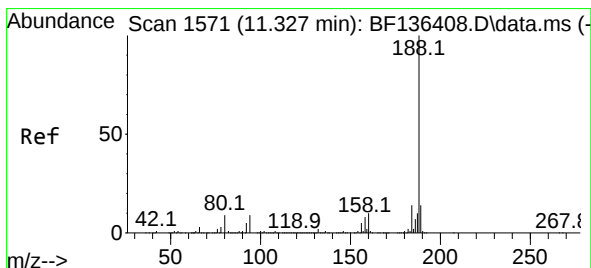
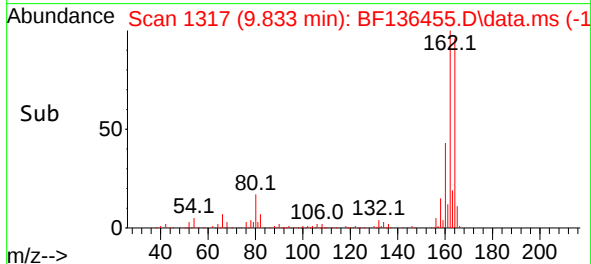
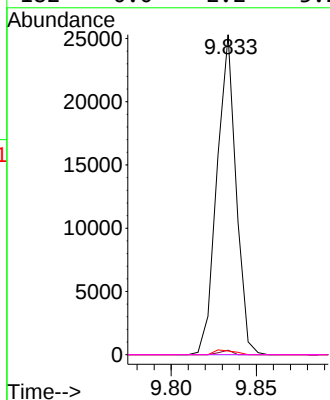
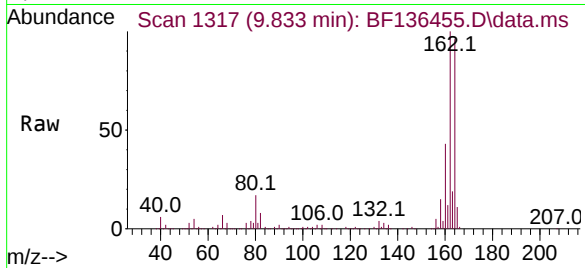




#57
2,4-Dinitrotoluene
Concen: 5.633 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136455.D
Acq: 07 Dec 2023 19:33

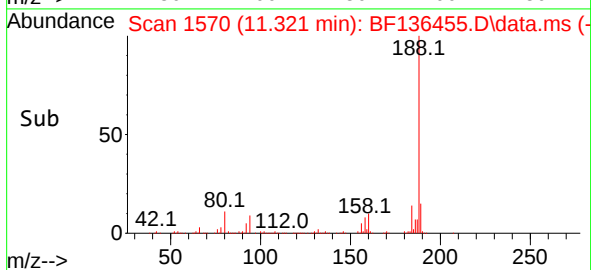
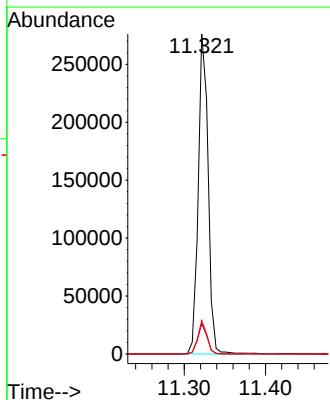
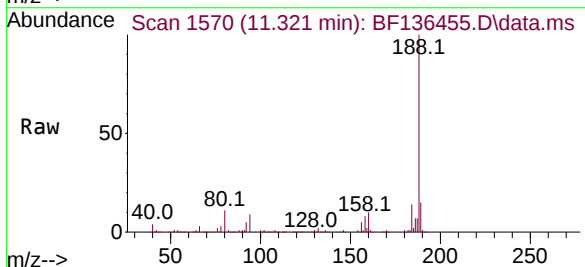
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-05

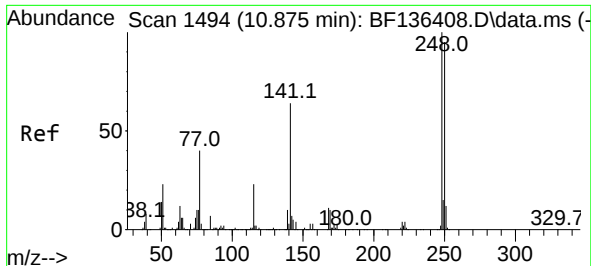
Tgt Ion:165 Resp: 19769
Ion Ratio Lower Upper
165 100
63 1.4 31.4 47.2#
89 1.1 51.7 77.5#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136455.D
Acq: 07 Dec 2023 19:33

Tgt Ion:188 Resp: 234321
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 10.5 7.2 10.8

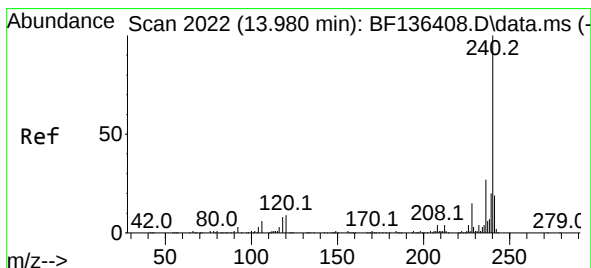
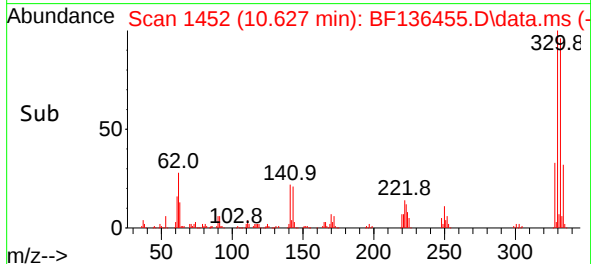
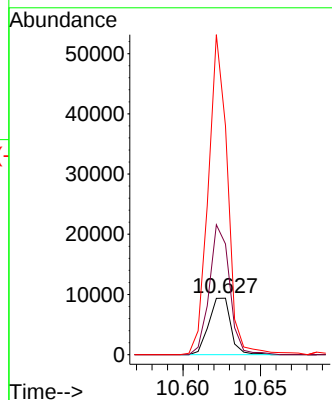
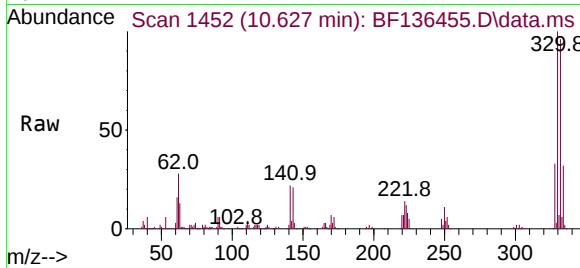




#67
4-Bromophenyl-phenylether
Concen: 3.397 ng
RT: 10.627 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF136455.D
Acq: 07 Dec 2023 19:33

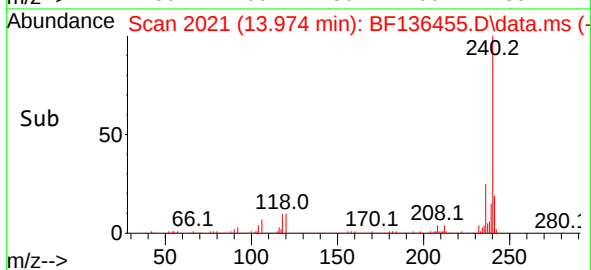
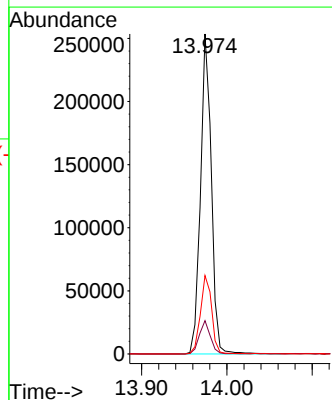
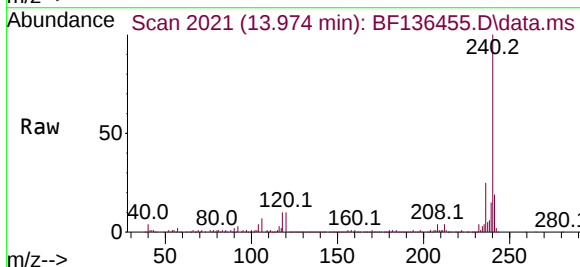
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-05

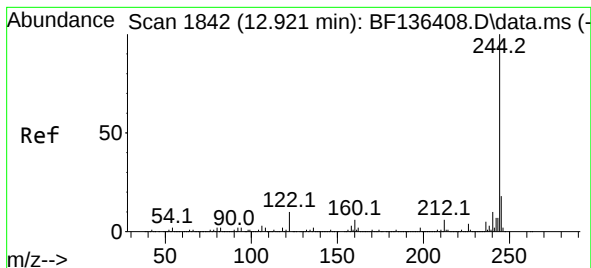
Tgt Ion:248 Resp: 9255
Ion Ratio Lower Upper
248 100
250 195.9 76.2 114.2#
141 404.9 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136455.D
Acq: 07 Dec 2023 19:33

Tgt Ion:240 Resp: 223894
Ion Ratio Lower Upper
240 100
120 10.4 7.3 10.9
236 24.5 21.3 31.9





#79

Terphenyl-d14

Concen: 49.396 ng

RT: 12.921 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF136455.D

Acq: 07 Dec 2023 19:33

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-05

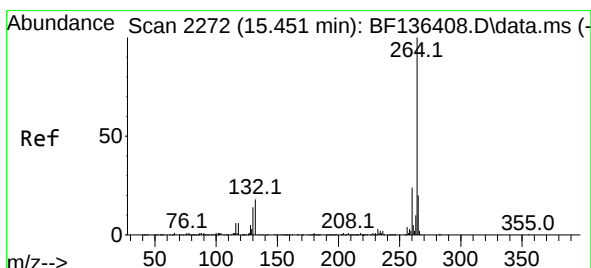
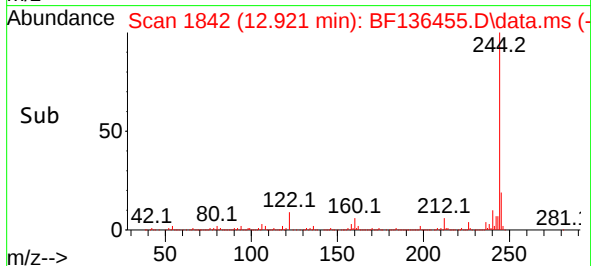
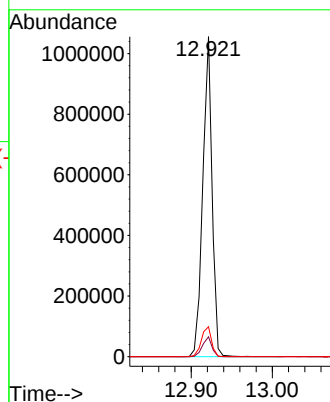
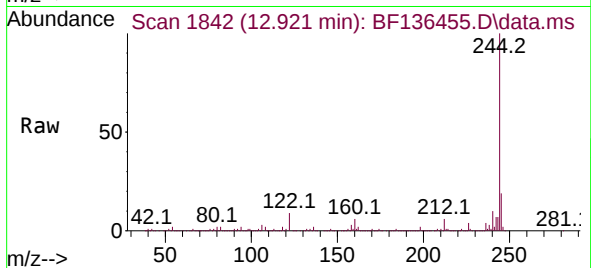
Tgt Ion:244 Resp: 839086

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 9.3 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: BF136455.D

Acq: 07 Dec 2023 19:33

Tgt Ion:264 Resp: 193276

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.7 15.9 23.9

