

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
 Data File : BF136481.D
 Acq On : 08 Dec 2023 22:24
 Operator : CG\JU
 Sample : 05599-11RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-06RE

Quant Time: Dec 11 02:14:17 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)

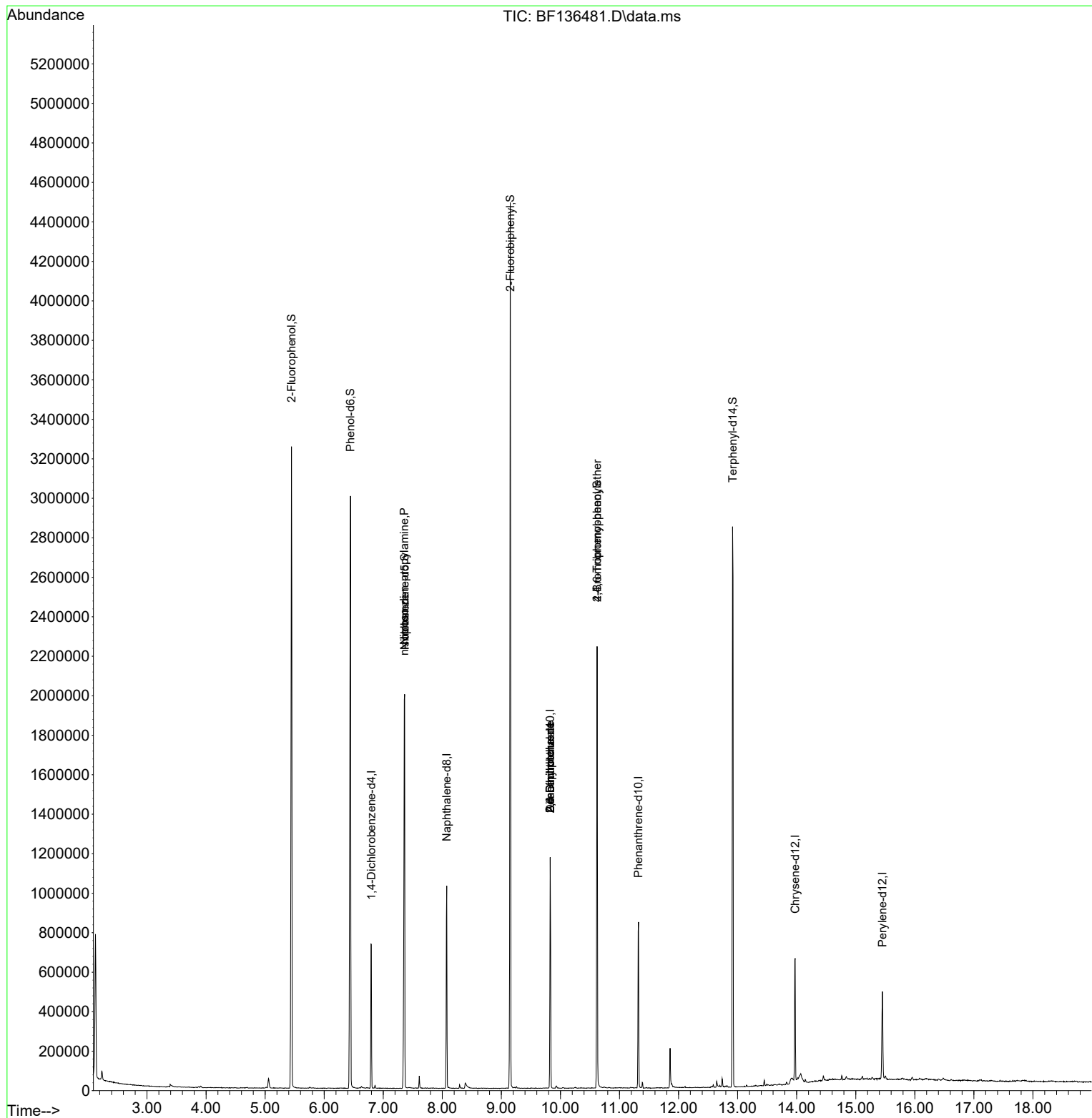
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	116595	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	457870	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	215028	20.000	ng	-0.01
64) Phenanthrene-d10	11.321	188	326626	20.000	ng	0.00
76) Chrysene-d12	13.974	240	219300	20.000	ng	0.00
86) Perylene-d12	15.451	264	201018	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1024677	129.789	ng	0.01
7) Phenol-d6	6.445	99	1241995	126.088	ng	0.00
23) Nitrobenzene-d5	7.363	82	773362	91.310	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	281304	106.100	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1330637	84.438	ng	-0.01
79) Terphenyl-d14	12.916	244	1065636	64.047	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.351	77	78	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	99697	17.546	ng	# 77
25) Isophorone	7.363	82	769557	50.574	ng	# 65
50) Dimethylphthalate	9.827	163	42260	2.669	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	26830	7.533	ng	# 29
57) 2,4-Dinitrotoluene	9.827	165	26830	5.695	ng	# 28
67) 4-Bromophenyl-phenylether	10.622	248	17296	4.555	ng	# 1

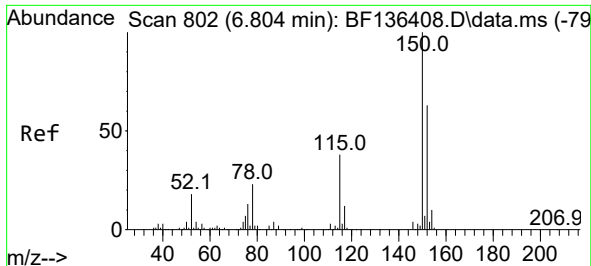
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 11 02:14:17 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

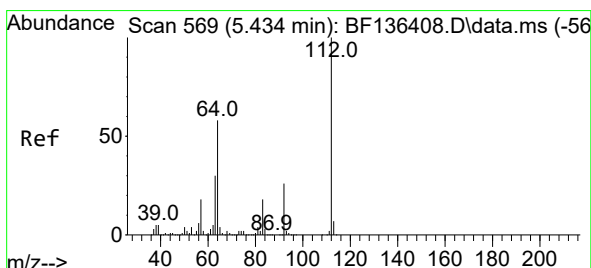
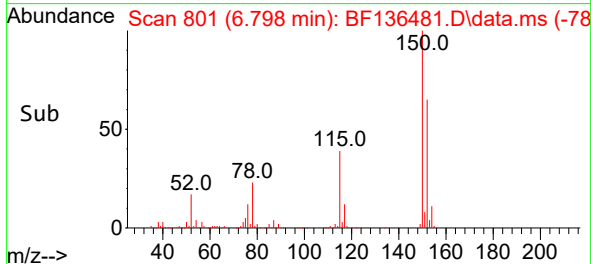
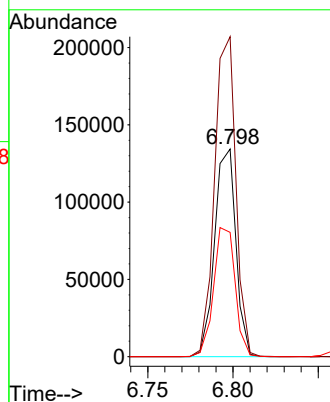
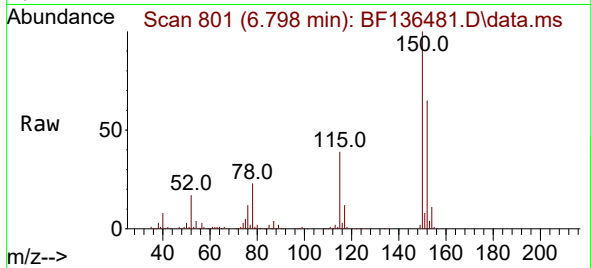




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF136481.D
Acq: 08 Dec 2023 22:24

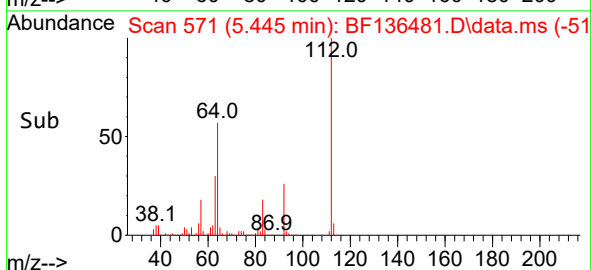
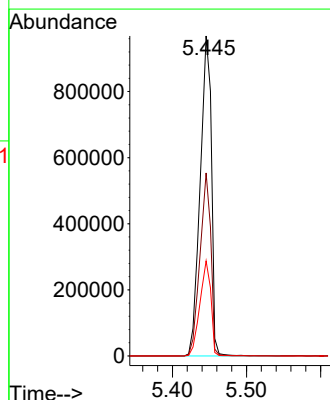
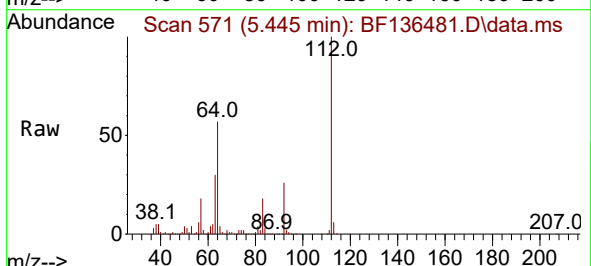
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-06RE

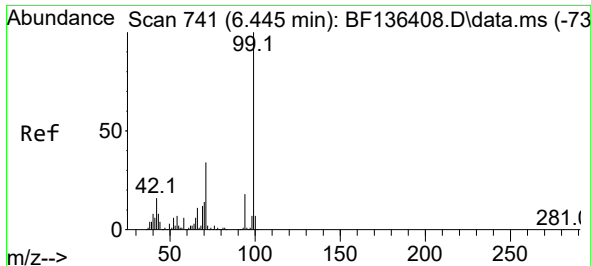
Tgt Ion:152 Resp: 116595
Ion Ratio Lower Upper
152 100
150 154.0 126.4 189.6
115 59.8 48.2 72.4



#5
2-Fluorophenol
Concen: 129.789 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF136481.D
Acq: 08 Dec 2023 22:24

Tgt Ion:112 Resp: 1024677
Ion Ratio Lower Upper
112 100
64 57.2 46.5 69.7
63 29.7 23.9 35.9

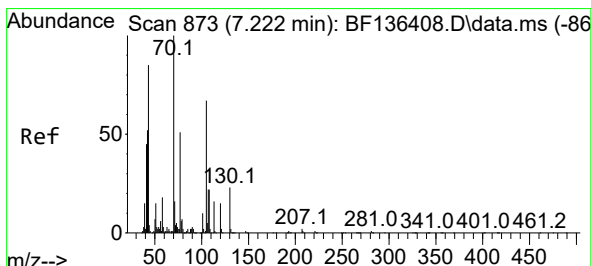
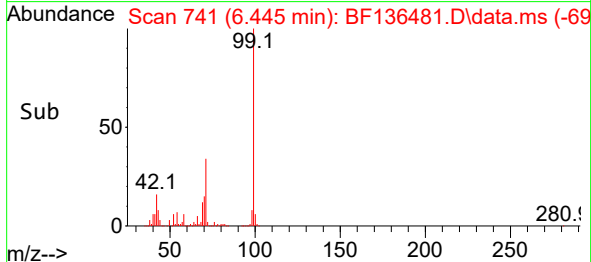
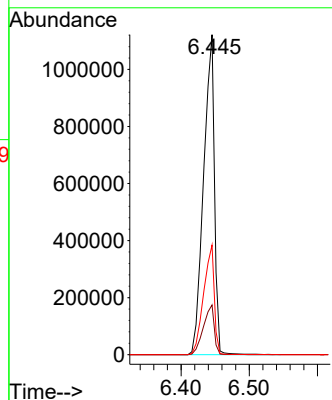
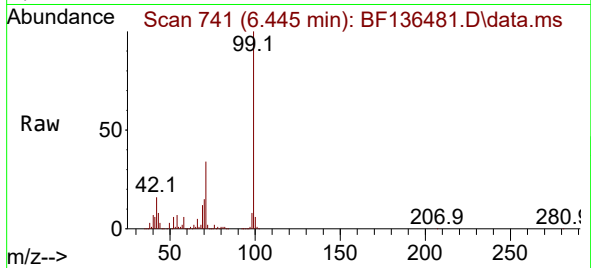




#7
Phenol-d6
Concen: 126.088 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136481.D
Acq: 08 Dec 2023 22:24

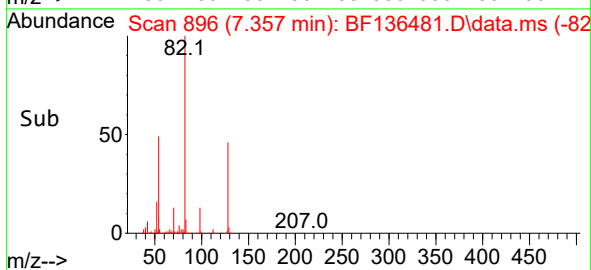
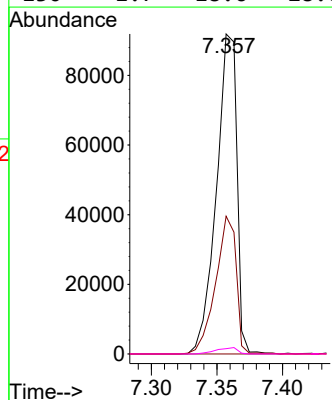
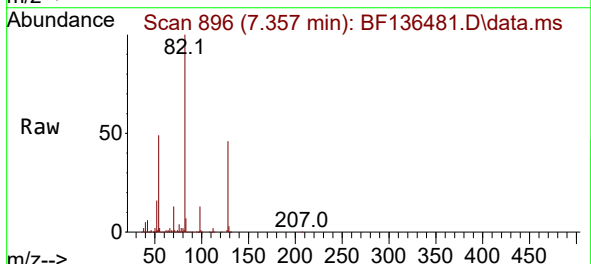
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-06RE

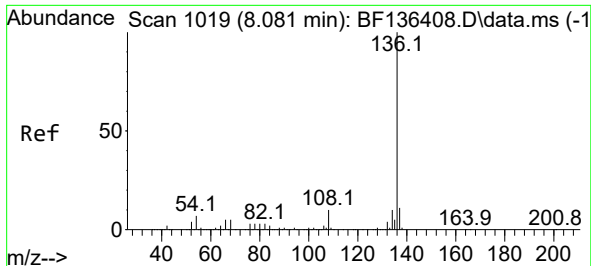
Tgt Ion: 99 Resp: 1241995
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 34.3 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.546 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136481.D
Acq: 08 Dec 2023 22:24

Tgt Ion: 70 Resp: 99697
Ion Ratio Lower Upper
70 100
42 43.0 41.4 62.0
101 0.0 8.2 12.4#
130 1.7 18.6 28.0#

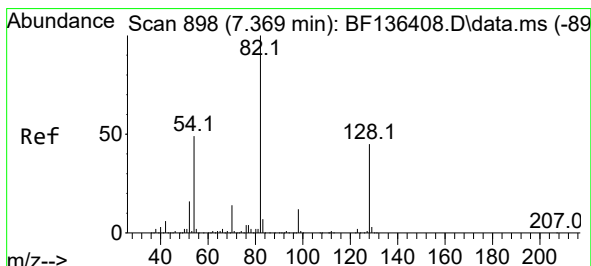
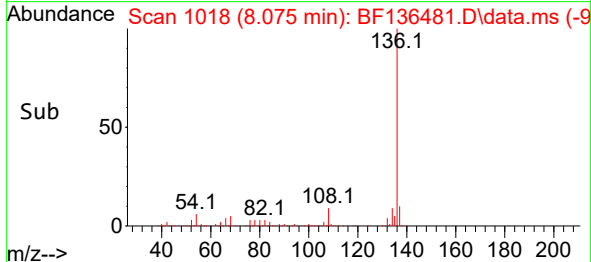
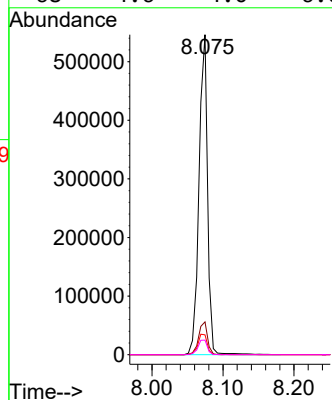
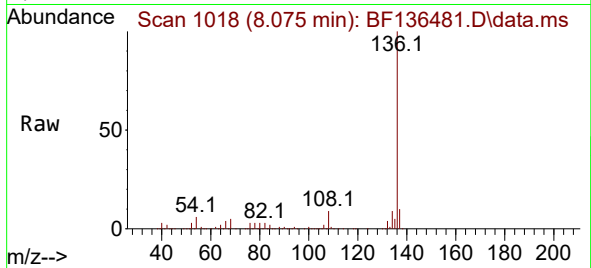




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136481.D
Acq: 08 Dec 2023 22:24

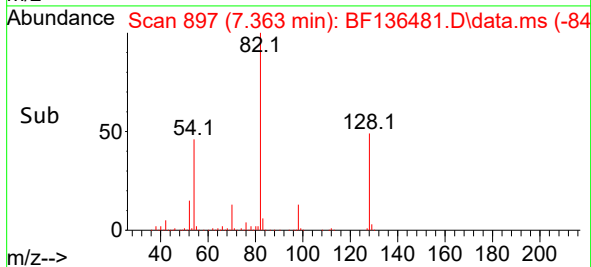
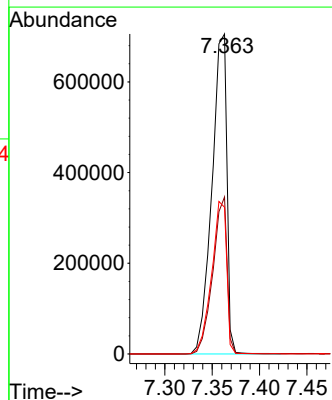
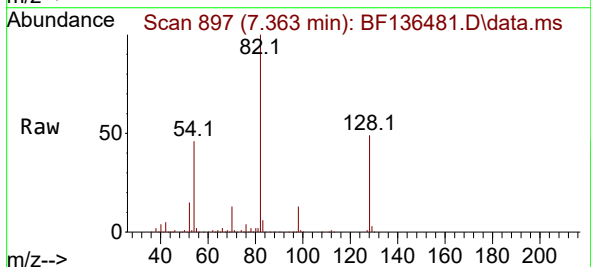
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-06RE

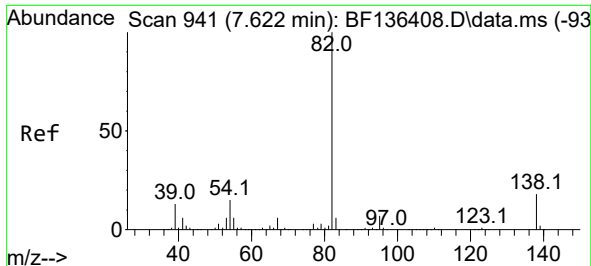
Tgt Ion:136 Resp: 457870
Ion Ratio Lower Upper
136 100
137 10.2 8.6 12.8
54 6.2 5.7 8.5
68 4.6 4.0 6.0



#23
Nitrobenzene-d5
Concen: 91.310 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF136481.D
Acq: 08 Dec 2023 22:24

Tgt Ion: 82 Resp: 773362
Ion Ratio Lower Upper
82 100
128 49.1 36.3 54.5
54 45.9 39.0 58.6

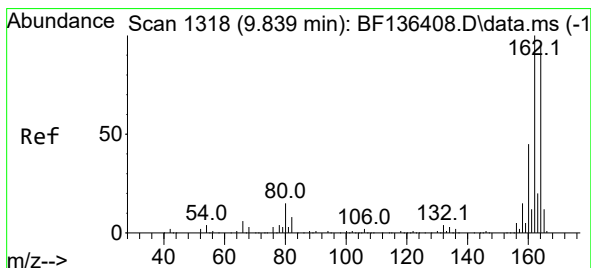
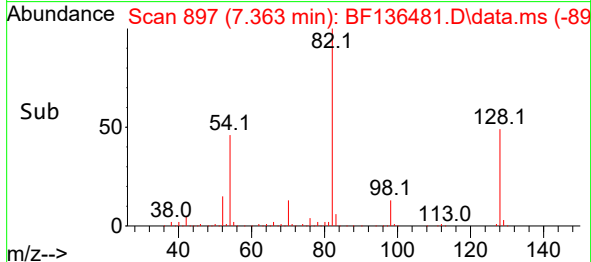
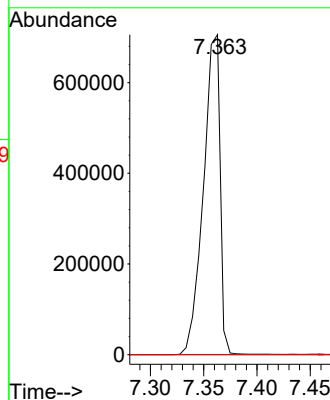
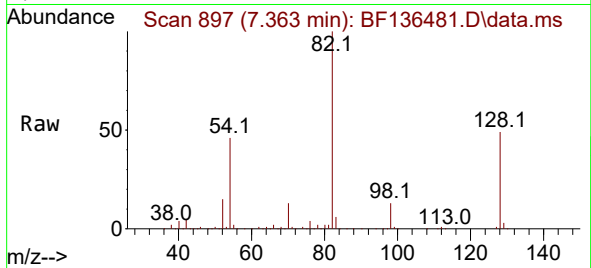




#25
Isophorone
Concen: 50.574 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.259 min
Lab File: BF136481.D
Acq: 08 Dec 2023 22:24

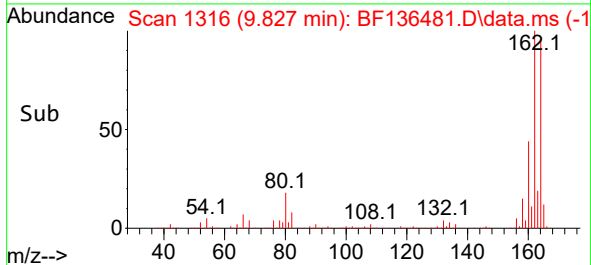
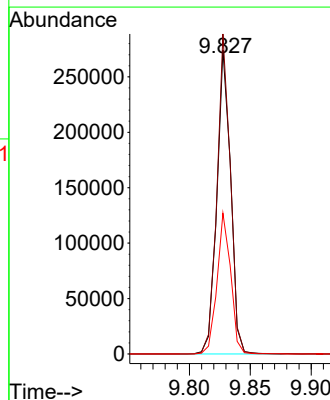
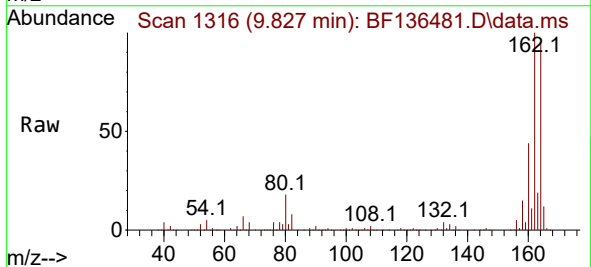
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BNA_F
ClientSampleId :
LKWD-BACKFILL-06RE

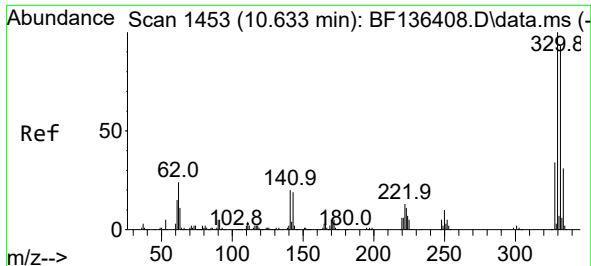
Tgt Ion: 82 Resp: 769557
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136481.D
Acq: 08 Dec 2023 22:24

Tgt Ion: 164 Resp: 215028
Ion Ratio Lower Upper
164 100
162 105.3 84.4 126.6
160 46.3 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 106.100 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136481.D

Acq: 08 Dec 2023 22:24

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-06RE

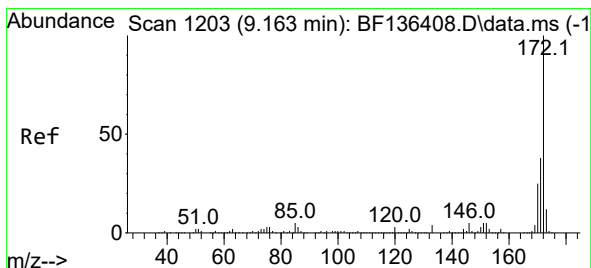
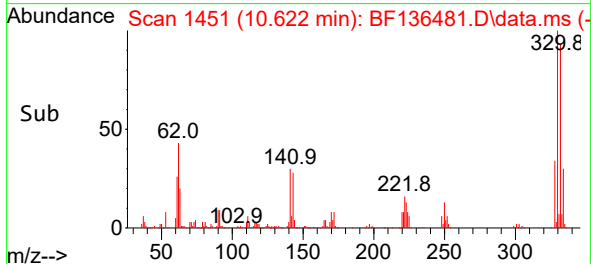
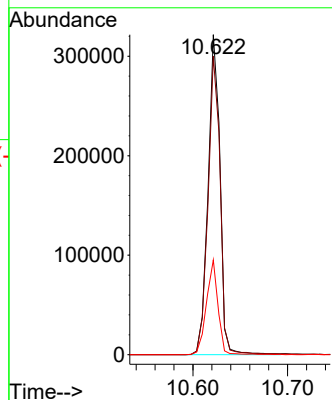
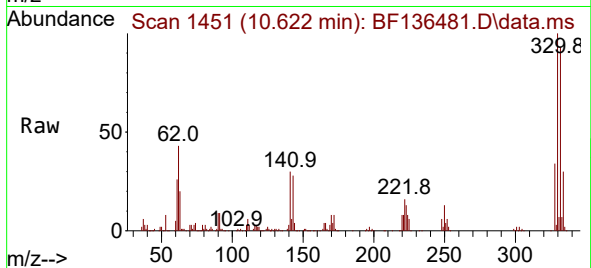
Tgt Ion:330 Resp: 281304

Ion Ratio Lower Upper

330 100

332 95.1 76.4 114.6

141 28.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 84.438 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136481.D

Acq: 08 Dec 2023 22:24

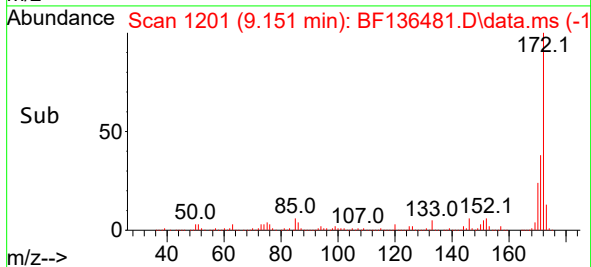
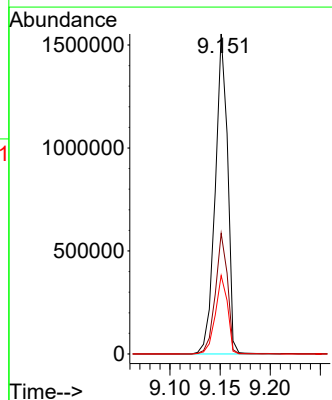
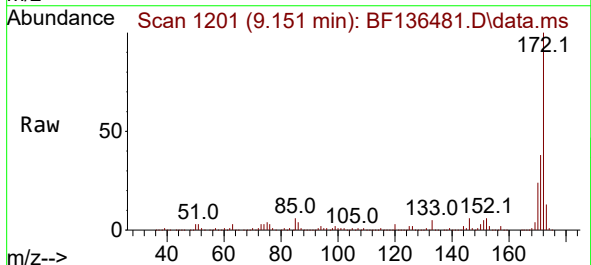
Tgt Ion:172 Resp: 1330637

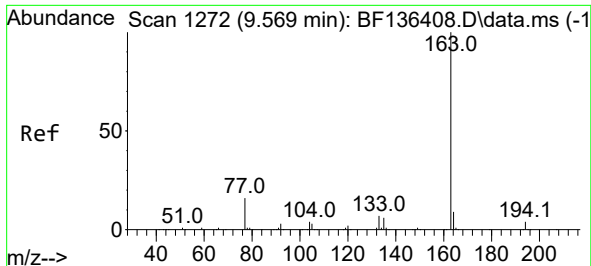
Ion Ratio Lower Upper

172 100

171 37.7 30.5 45.7

170 24.5 19.9 29.9

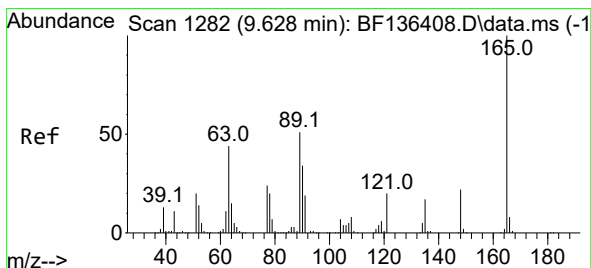
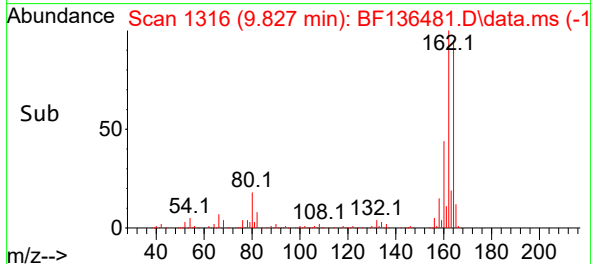
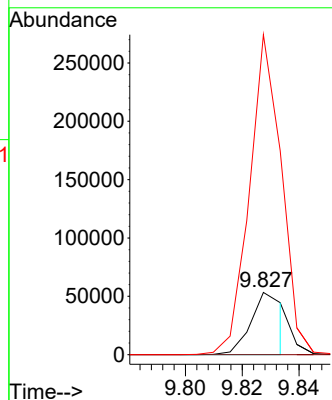
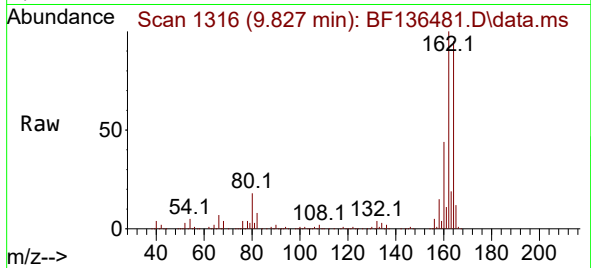




#50
Dimethylphthalate
Concen: 2.669 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF136481.D
Acq: 08 Dec 2023 22:24

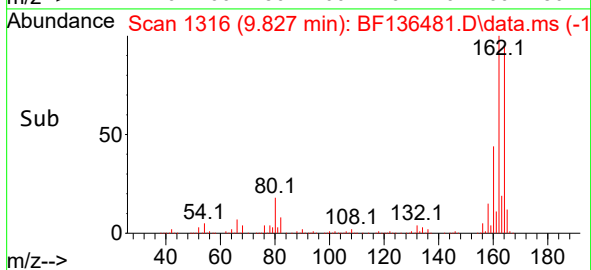
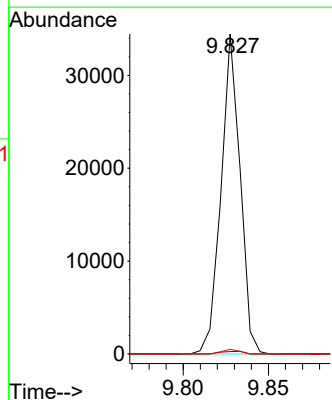
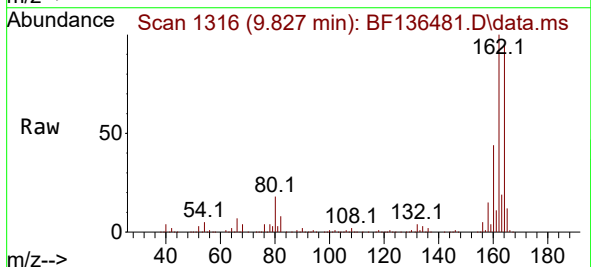
Instrument :
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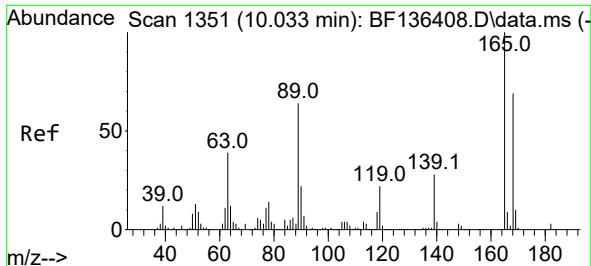
Tgt Ion:163 Resp: 42260
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 513.4 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.533 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF136481.D
Acq: 08 Dec 2023 22:24

Tgt Ion:165 Resp: 26830
Ion Ratio Lower Upper
165 100
63 0.8 40.4 60.6#
89 1.5 40.6 60.8#

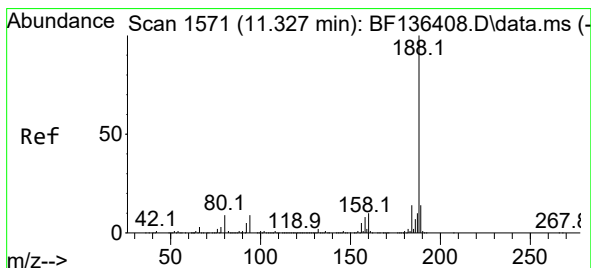
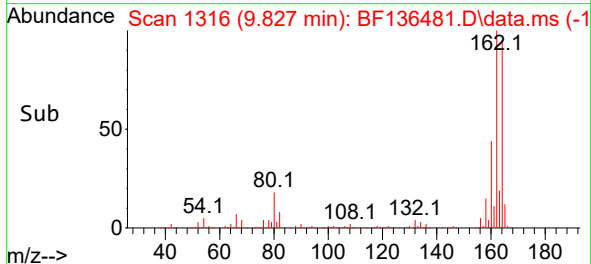
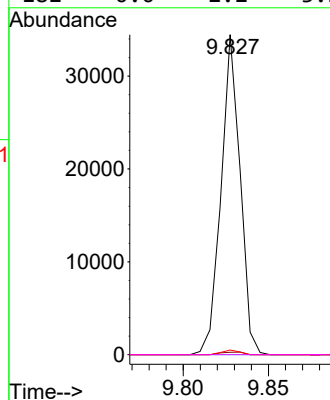
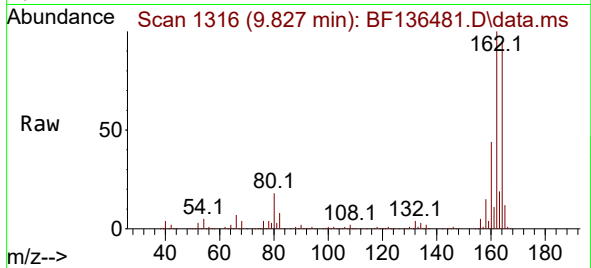




#57
2,4-Dinitrotoluene
Concen: 5.695 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136481.D
Acq: 08 Dec 2023 22:24

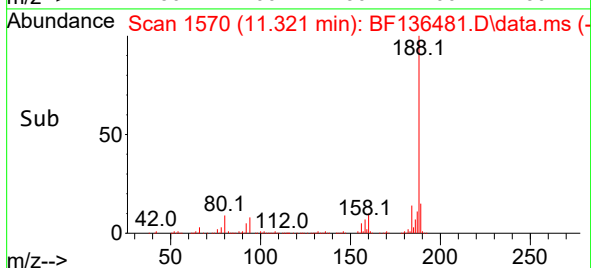
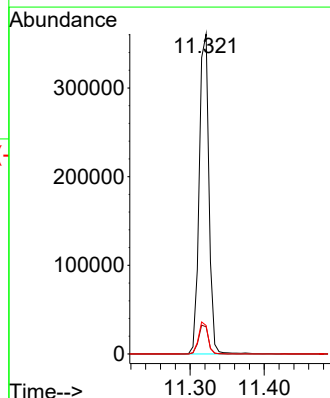
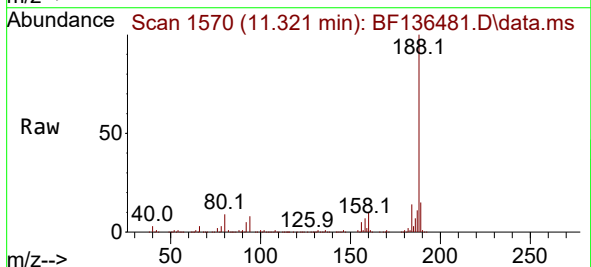
Instrument :
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LKWD-BACKFILL-06RE

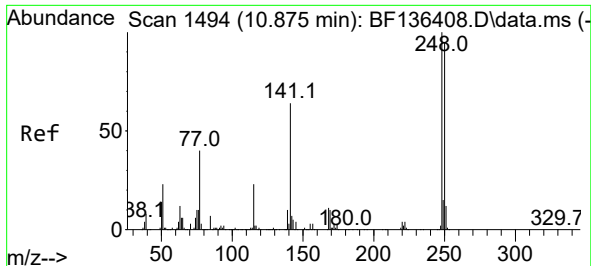
Tgt Ion:165 Resp: 26830
Ion Ratio Lower Upper
165 100
63 0.8 31.4 47.2#
89 1.5 51.7 77.5#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136481.D
Acq: 08 Dec 2023 22:24

Tgt Ion:188 Resp: 326626
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 8.9 7.2 10.8





#67

4-Bromophenyl-phenylether

Concen: 4.555 ng

RT: 10.622 min Scan# 1494

Delta R.T. -0.253 min

Lab File: BF136481.D

Acq: 08 Dec 2023 22:24

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-06RE

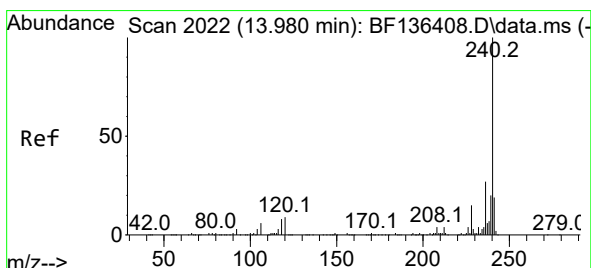
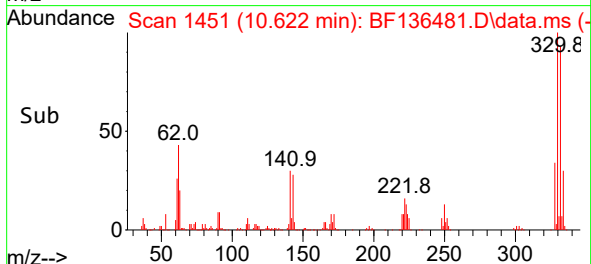
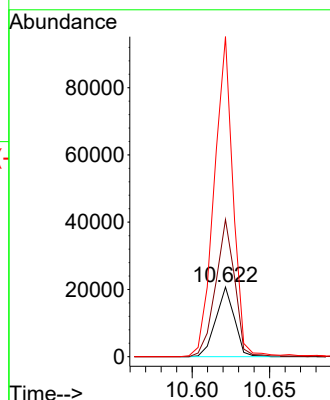
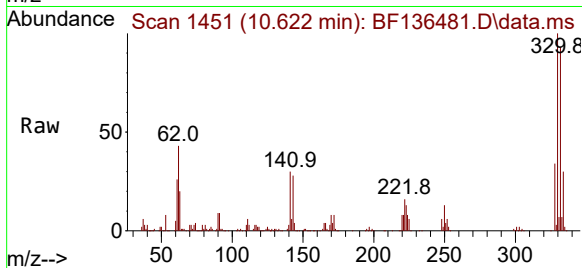
Tgt Ion:248 Resp: 17296

Ion Ratio Lower Upper

248 100

250 196.9 76.2 114.2#

141 459.3 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: BF136481.D

Acq: 08 Dec 2023 22:24

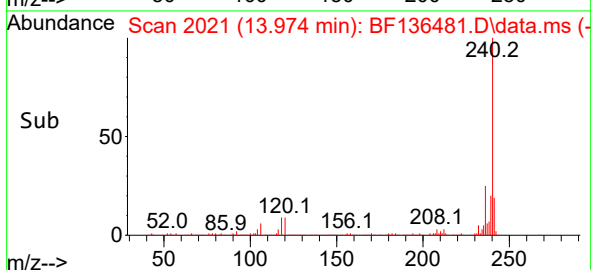
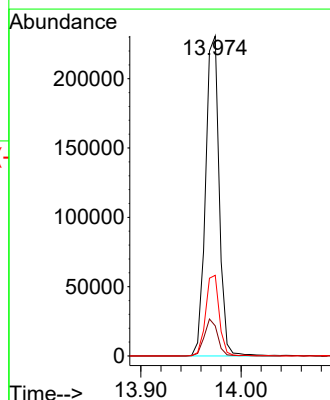
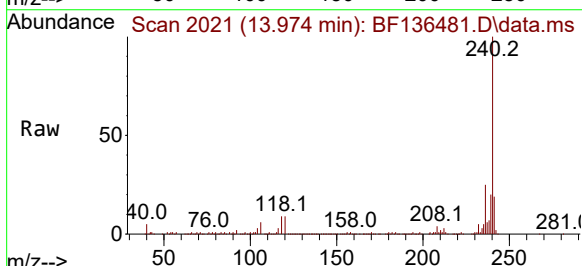
Tgt Ion:240 Resp: 219300

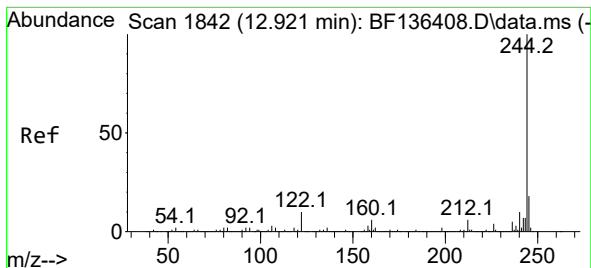
Ion Ratio Lower Upper

240 100

120 9.4 7.3 10.9

236 25.2 21.3 31.9





#79

Terphenyl-d14

Concen: 64.047 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF136481.D

Acq: 08 Dec 2023 22:24

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-06RE

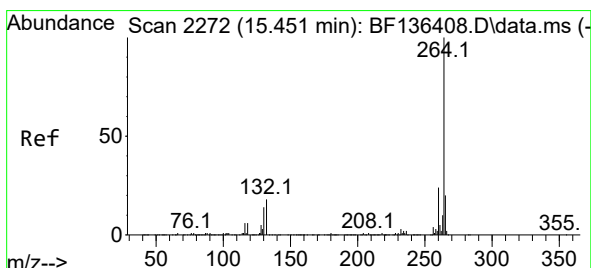
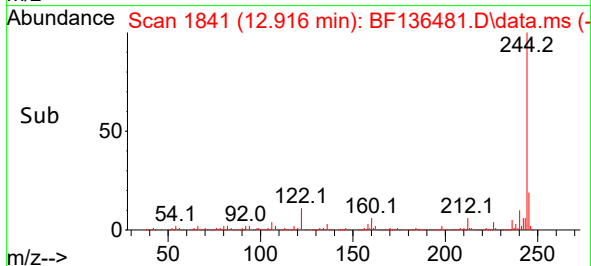
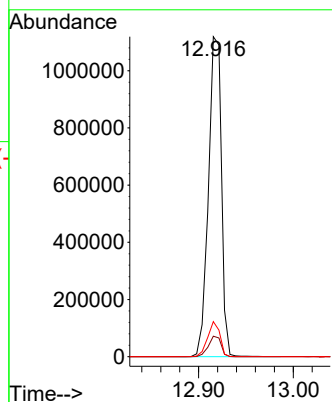
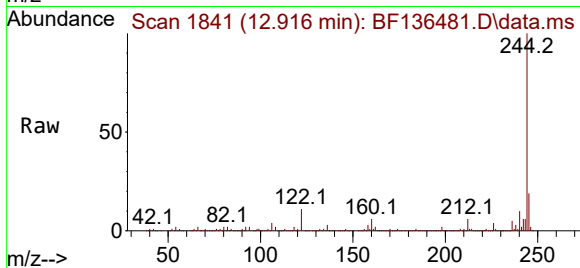
Tgt Ion:244 Resp: 1065636

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 11.0 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: BF136481.D

Acq: 08 Dec 2023 22:24

Tgt Ion:264 Resp: 201018

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.3 15.9 23.9

