

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
 Data File : BF136475.D
 Acq On : 08 Dec 2023 19:12
 Operator : CG\JU
 Sample : 05629-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11985

Quant Time: Dec 08 22:30:14 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)

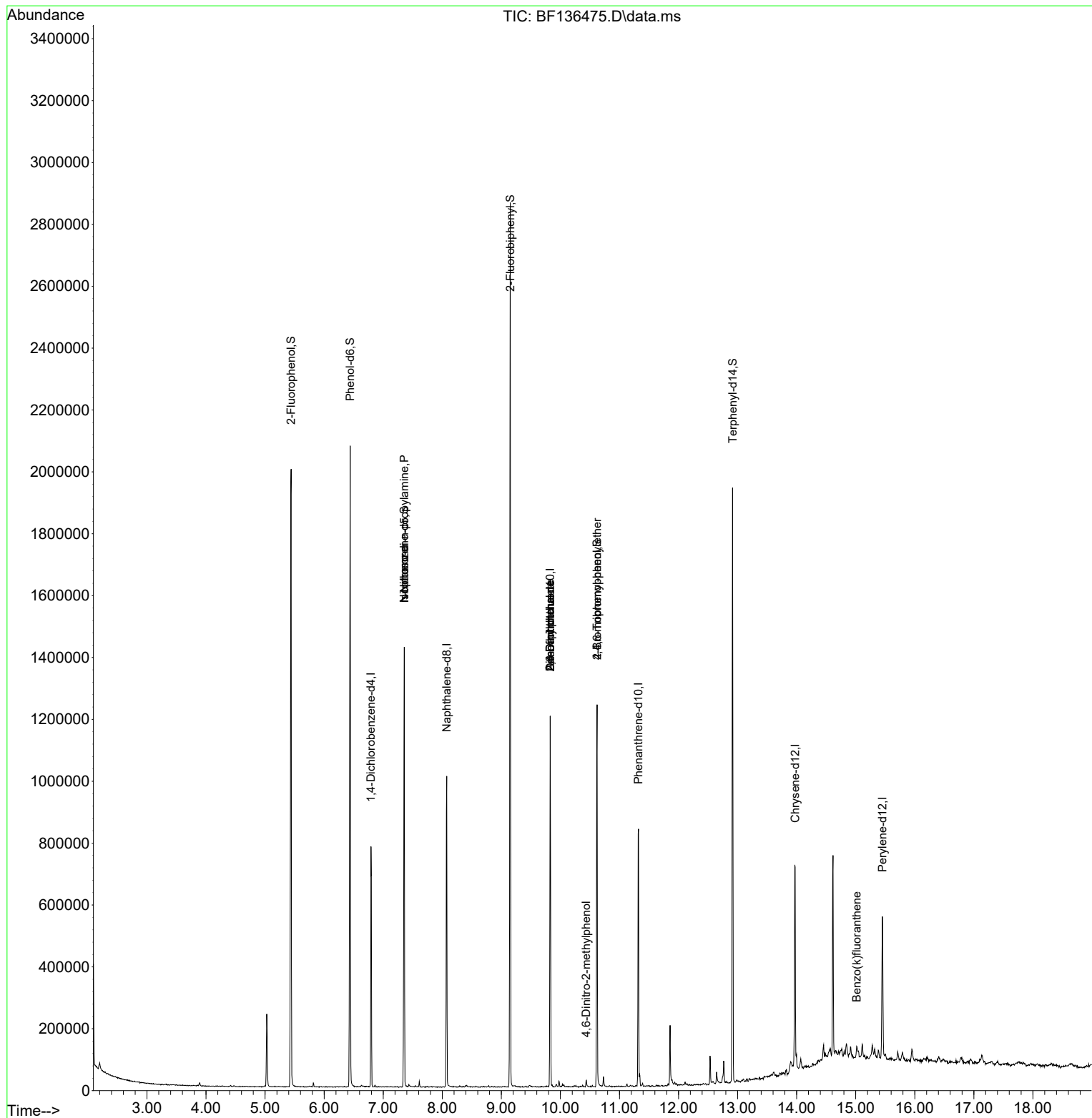
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	115922	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	452824	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	211958	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	323878	20.000	ng	0.00
76) Chrysene-d12	13.974	240	229635	20.000	ng	0.00
86) Perylene-d12	15.451	264	221200	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	591634	75.373	ng	0.00
7) Phenol-d6	6.440	99	727038	74.238	ng	0.00
23) Nitrobenzene-d5	7.357	82	430388	51.382	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	158829	60.773	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	808690	52.060	ng	-0.01
79) Terphenyl-d14	12.916	244	635903	36.499	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.346	77	60	Below Cal	#	34
19) n-Nitroso-di-n-propyla...	7.357	70	54605	9.666 ng	#	76
25) Isophorone	7.357	82	427336	28.397 ng	#	65
50) Dimethylphthalate	9.828	163	41911	2.686 ng	#	1
51) 2,6-Dinitrotoluene	9.828	165	27104	7.720 ng	#	29
57) 2,4-Dinitrotoluene	9.828	165	27104	5.836 ng	#	28
65) 4,6-Dinitro-2-methylph...	10.433	198	4376	2.182 ng	#	32
67) 4-Bromophenyl-phenylether	10.622	248	9621	2.555 ng	#	1
77) Benzidine	12.916	184	7738	Below Cal	#	92
89) Benzo(k)fluoranthene	15.016	252	29773	2.089 ng	#	96

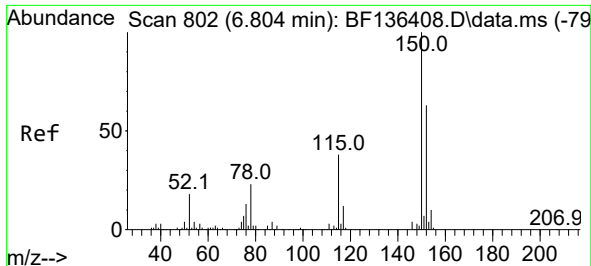
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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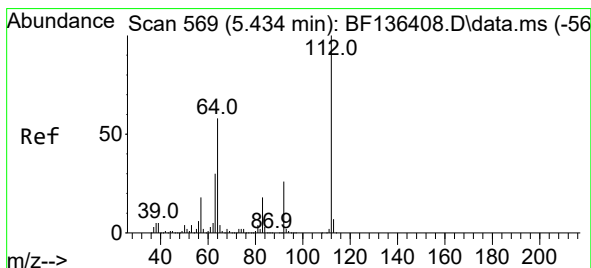
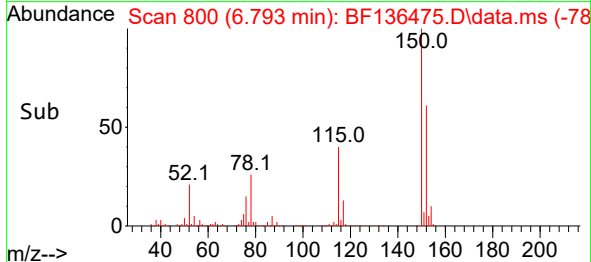
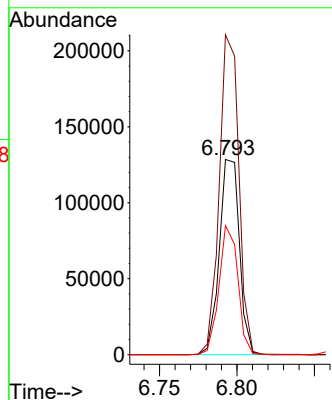
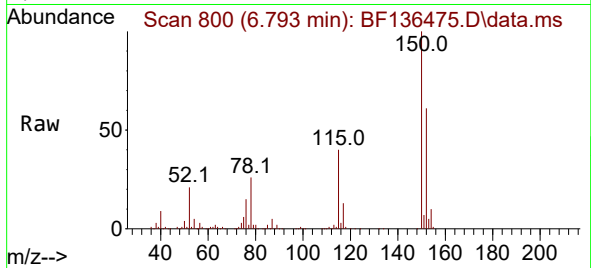




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 802
Delta R.T. -0.011 min
Lab File: BF136475.D
Acq: 08 Dec 2023 19:12

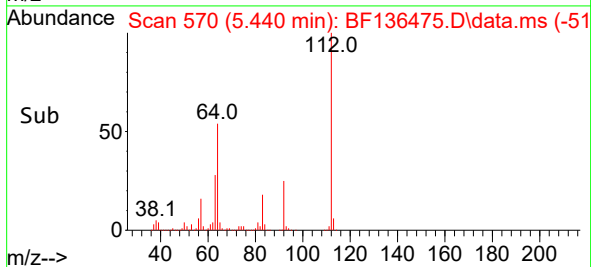
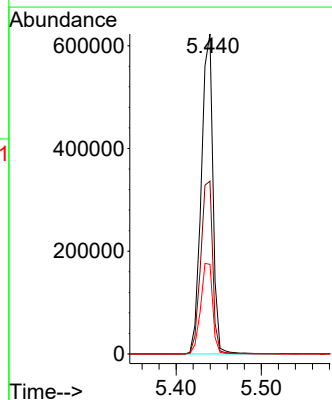
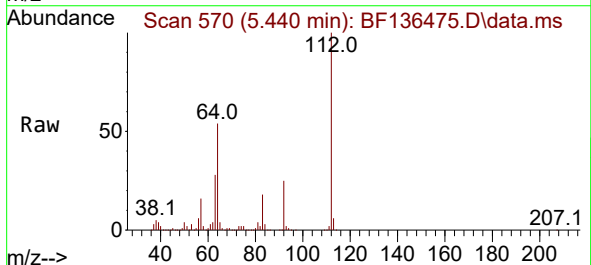
Instrument :
BNA_F
ClientSampleId :
72-11985

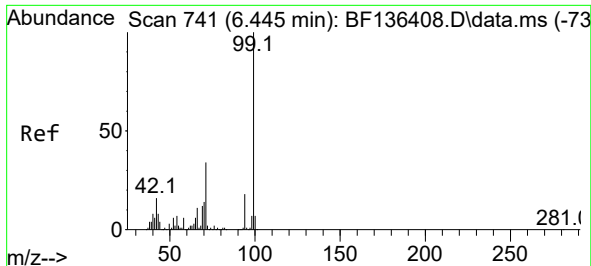
Tgt Ion:152 Resp: 115922
Ion Ratio Lower Upper
152 100
150 164.0 126.4 189.6
115 66.2 48.2 72.4



#5
2-Fluorophenol
Concen: 75.373 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136475.D
Acq: 08 Dec 2023 19:12

Tgt Ion:112 Resp: 591634
Ion Ratio Lower Upper
112 100
64 54.0 46.5 69.7
63 28.0 23.9 35.9

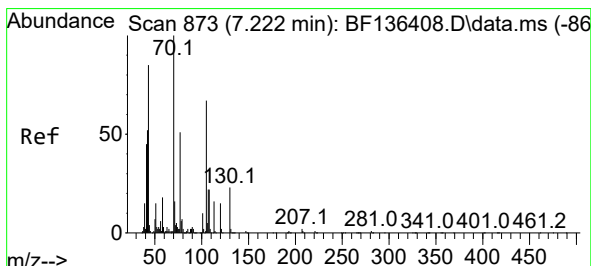
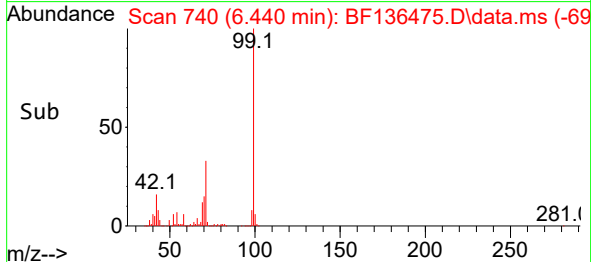
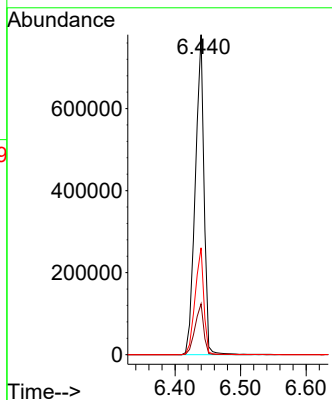
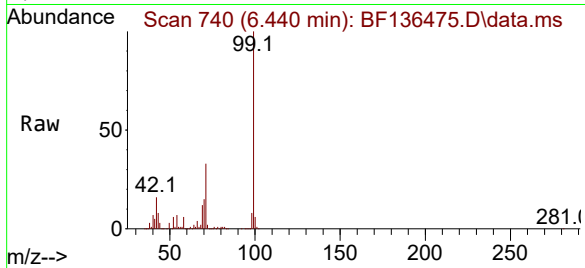




#7
Phenol-d6
Concen: 74.238 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136475.D
Acq: 08 Dec 2023 19:12

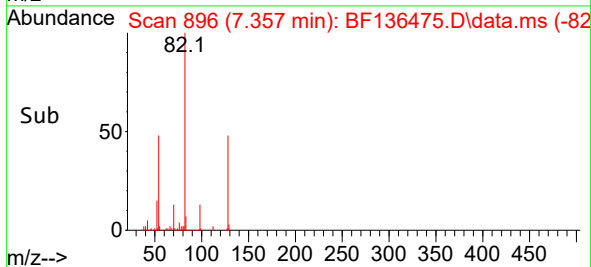
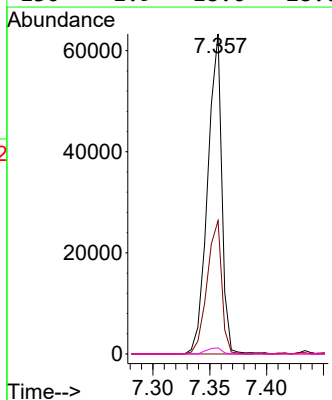
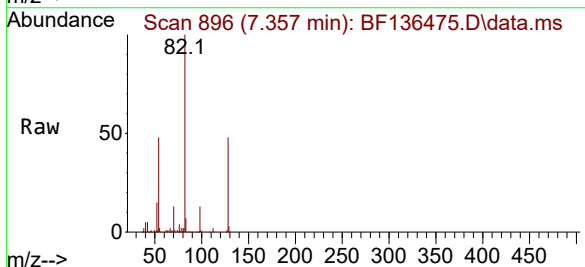
Instrument :
BNA_F
ClientSampleId :
72-11985

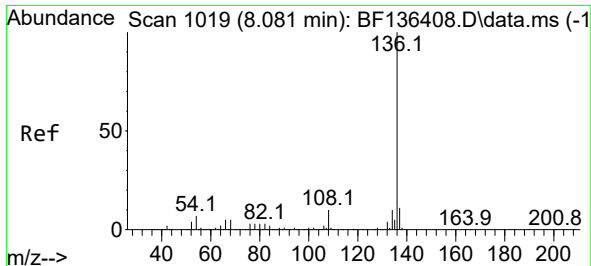
Tgt Ion: 99 Resp: 727038
Ion Ratio Lower Upper
99 100
42 15.9 12.8 19.2
71 33.4 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.666 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136475.D
Acq: 08 Dec 2023 19:12

Tgt Ion: 70 Resp: 54605
Ion Ratio Lower Upper
70 100
42 41.6 41.4 62.0
101 0.0 8.2 12.4#
130 1.9 18.6 28.0#



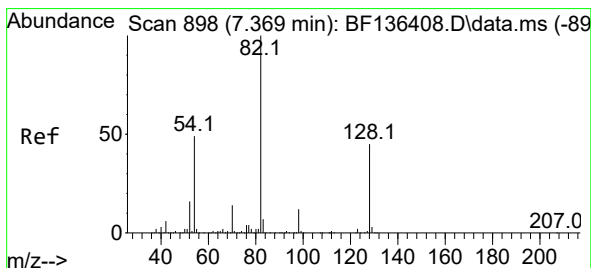
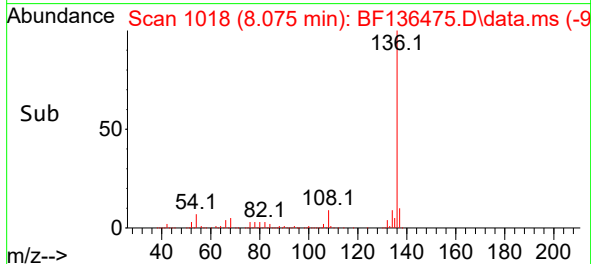
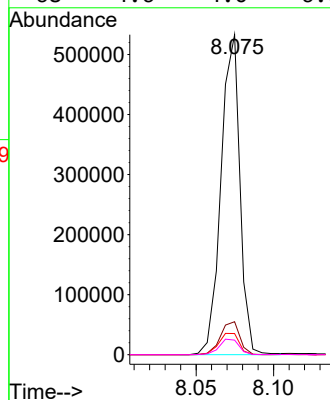
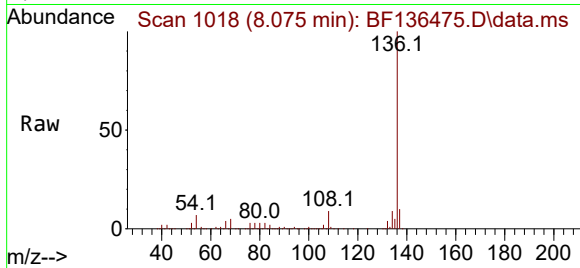


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136475.D
Acq: 08 Dec 2023 19:12

Instrument :
BNA_F
ClientSampleId :
72-11985

Tgt Ion:136 Resp: 452824

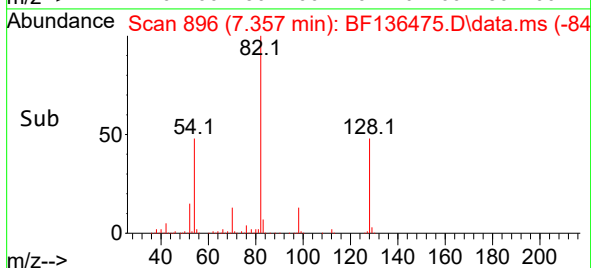
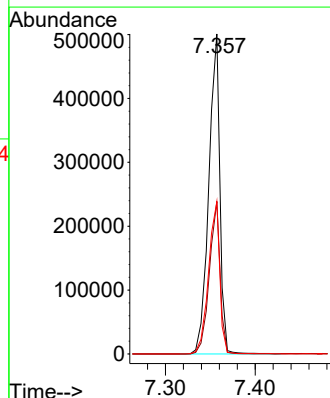
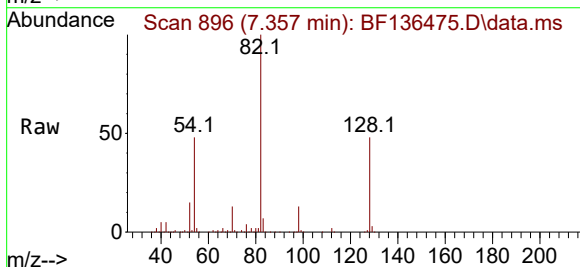
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	12.8
54	6.6	5.7	8.5
68	4.6	4.0	6.0

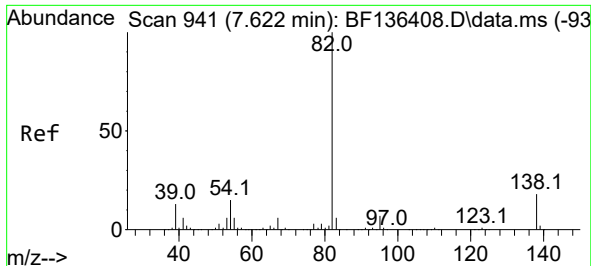


#23
Nitrobenzene-d5
Concen: 51.382 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136475.D
Acq: 08 Dec 2023 19:12

Tgt Ion: 82 Resp: 430388

Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.3	54.5
54	47.6	39.0	58.6

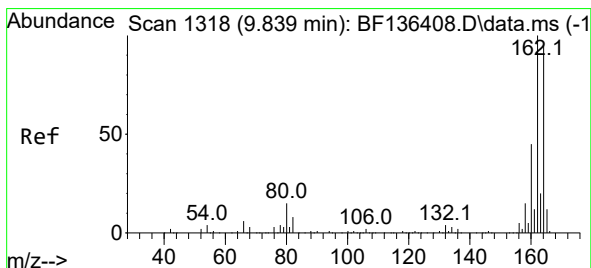
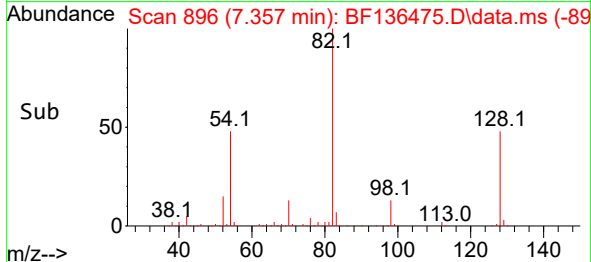
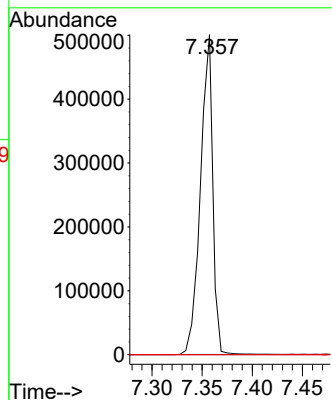
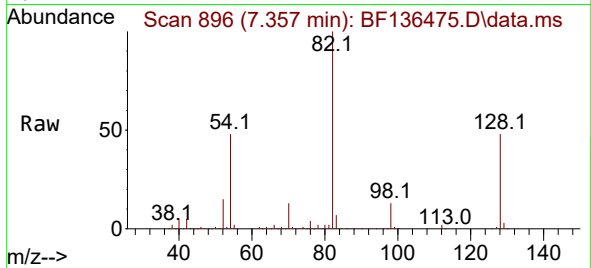




#25
Isophorone
Concen: 28.397 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF136475.D
Acq: 08 Dec 2023 19:12

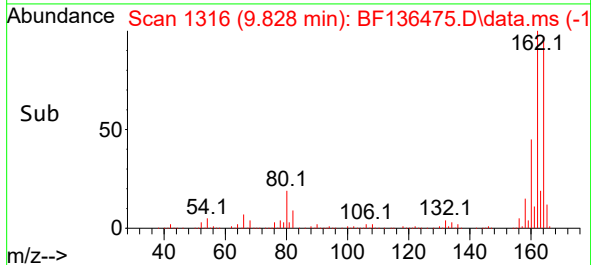
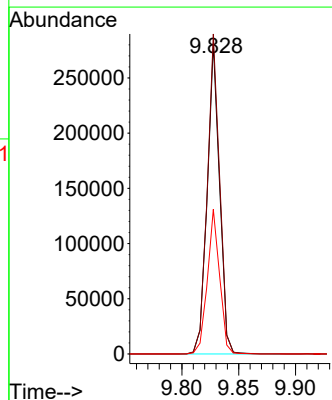
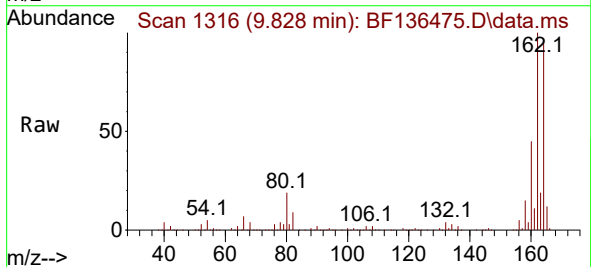
Instrument :
BNA_F
ClientSampleId :
72-11985

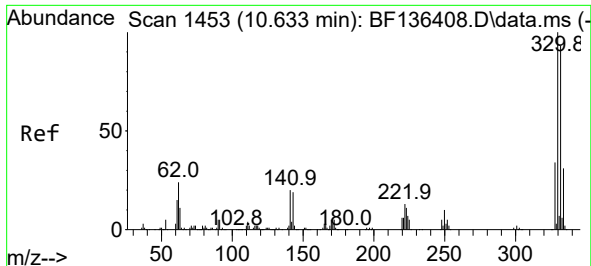
Tgt Ion: 82 Resp: 427336
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136475.D
Acq: 08 Dec 2023 19:12

Tgt Ion: 164 Resp: 211958
Ion Ratio Lower Upper
164 100
162 103.1 84.4 126.6
160 46.6 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 60.773 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136475.D

Acq: 08 Dec 2023 19:12

Instrument :

BNA_F

ClientSampleId :

72-11985

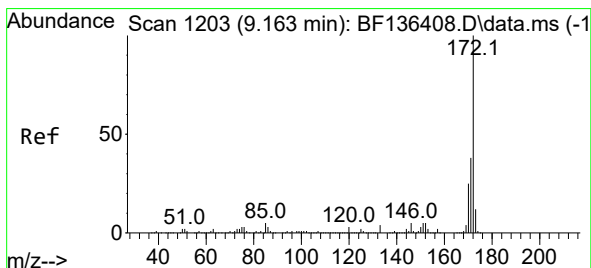
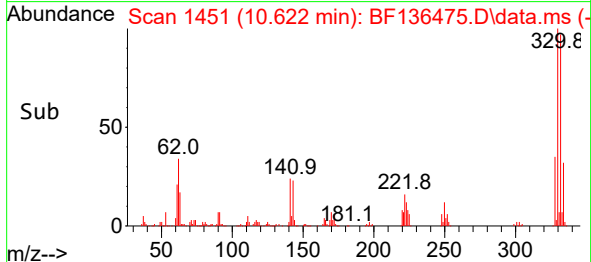
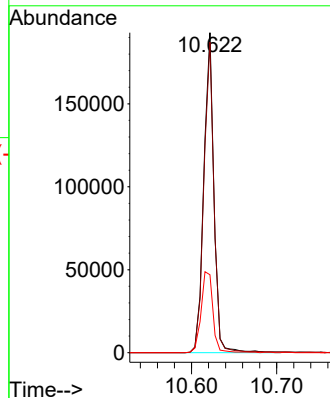
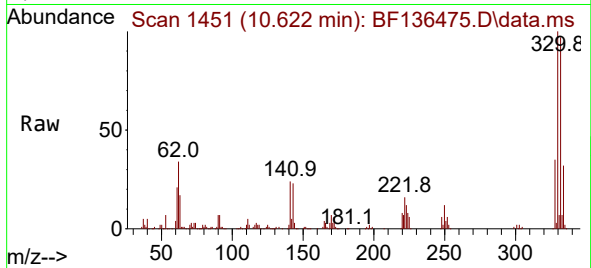
Tgt Ion:330 Resp: 158829

Ion Ratio Lower Upper

330 100

332 96.9 76.4 114.6

141 29.6 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 52.060 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136475.D

Acq: 08 Dec 2023 19:12

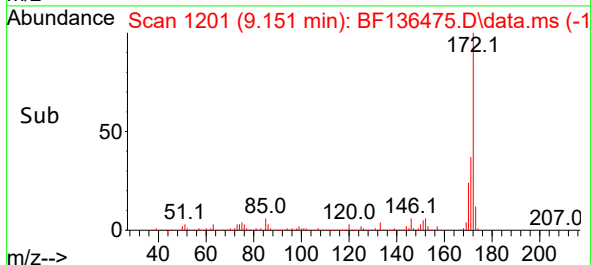
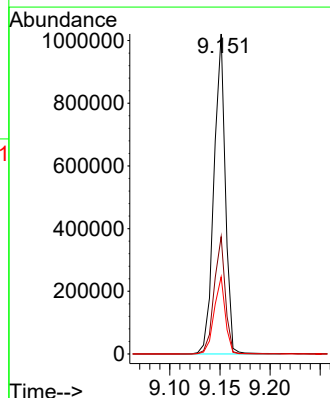
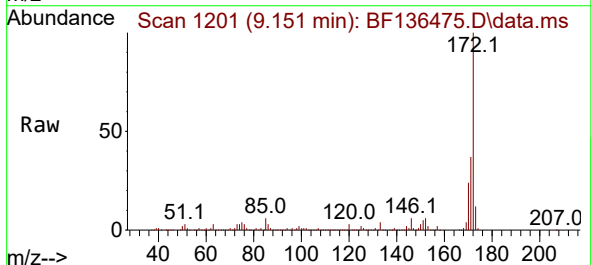
Tgt Ion:172 Resp: 808690

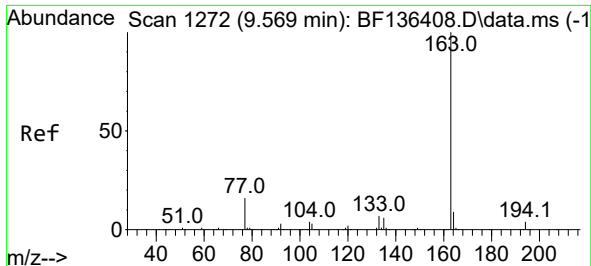
Ion Ratio Lower Upper

172 100

171 36.6 30.5 45.7

170 24.1 19.9 29.9

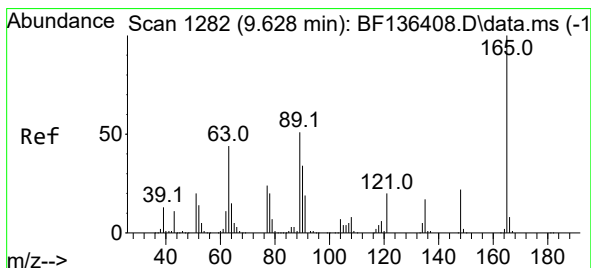
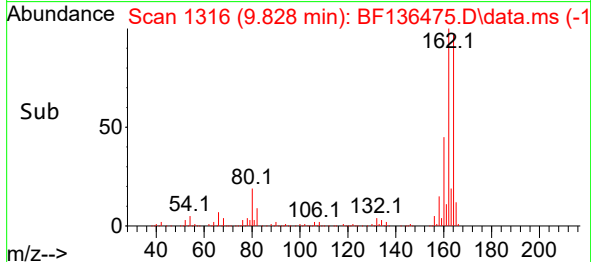
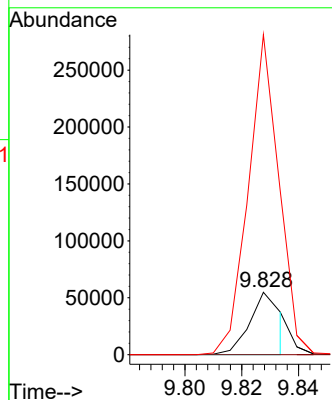
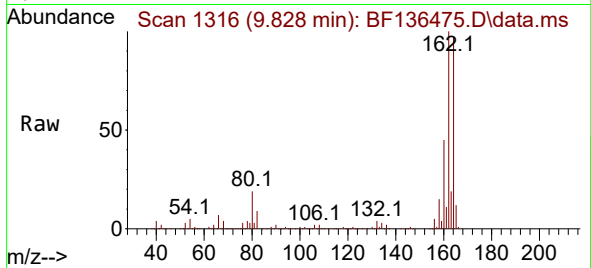




#50
Dimethylphthalate
Concen: 2.686 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF136475.D
Acq: 08 Dec 2023 19:12

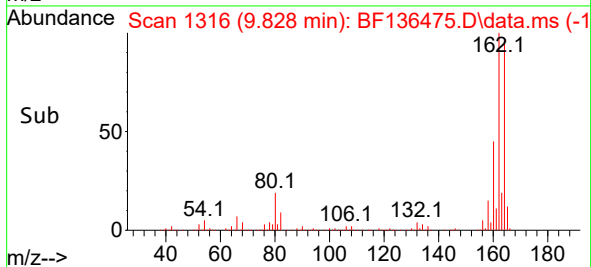
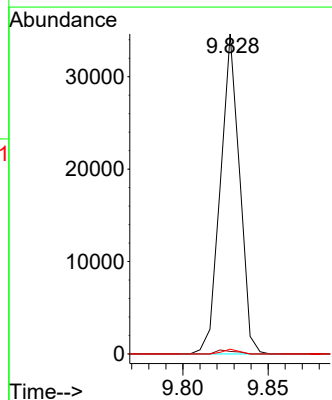
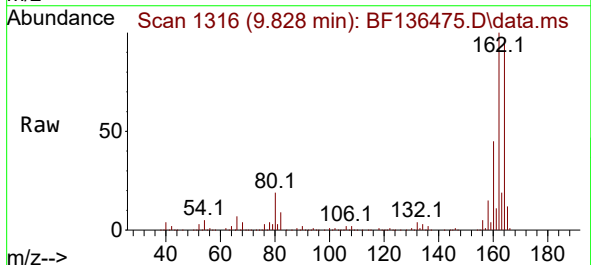
Instrument :
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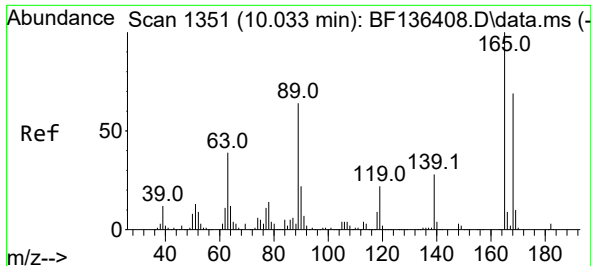
Tgt Ion:163 Resp: 41911
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 512.8 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.720 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF136475.D
Acq: 08 Dec 2023 19:12

Tgt Ion:165 Resp: 27104
Ion Ratio Lower Upper
165 100
63 0.8 40.4 60.6#
89 1.5 40.6 60.8#

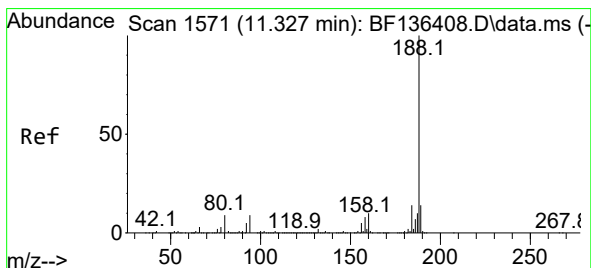
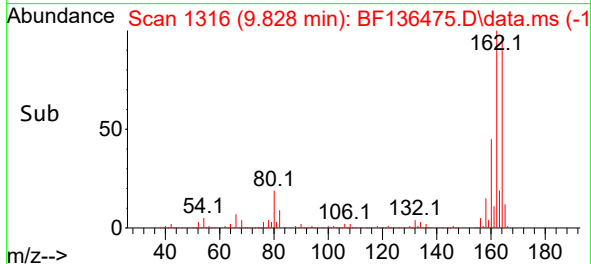
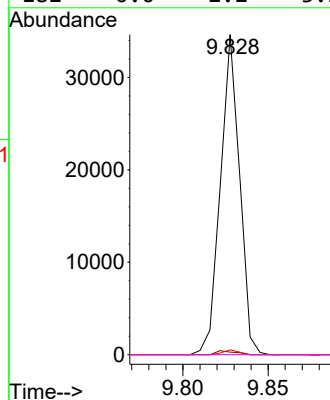
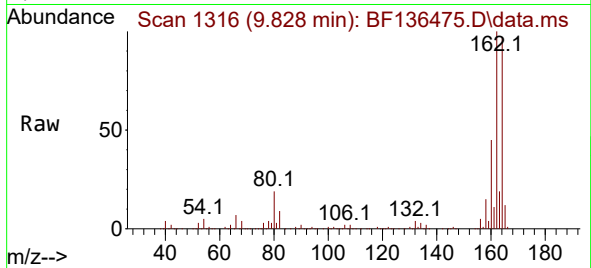




#57
2,4-Dinitrotoluene
Concen: 5.836 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136475.D
Acq: 08 Dec 2023 19:12

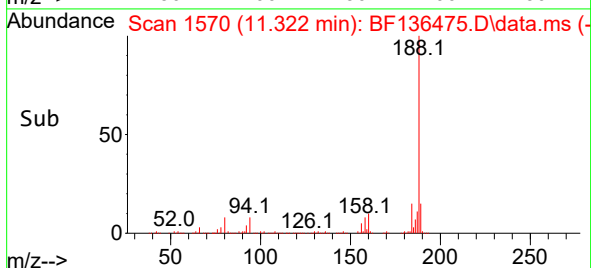
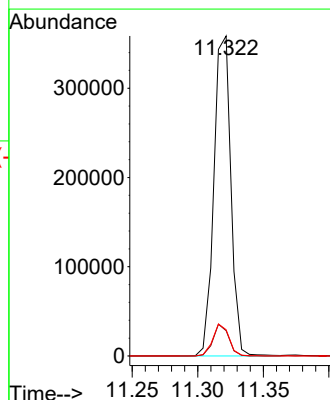
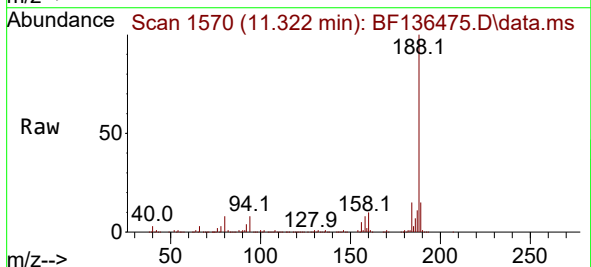
Instrument :
BNA_F
ClientSampleId :
72-11985

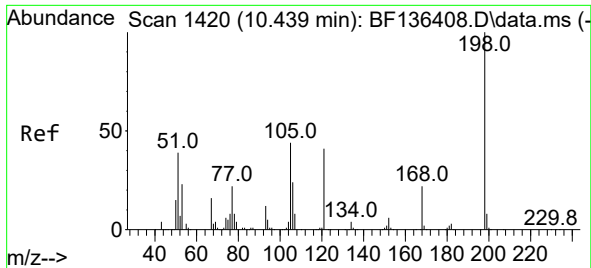
Tgt Ion:165 Resp: 27104
Ion Ratio Lower Upper
165 100
63 0.8 31.4 47.2#
89 1.5 51.7 77.5#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136475.D
Acq: 08 Dec 2023 19:12

Tgt Ion:188 Resp: 323878
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 8.2 7.2 10.8

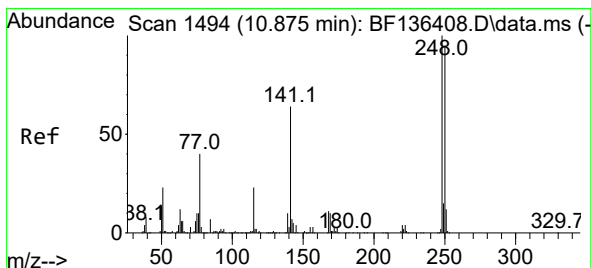
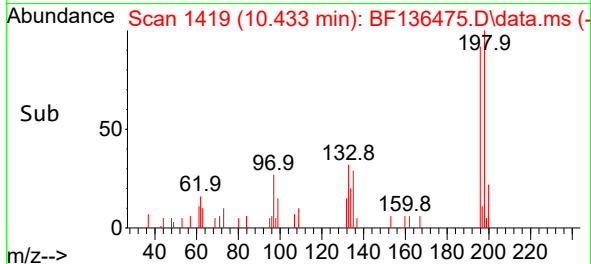
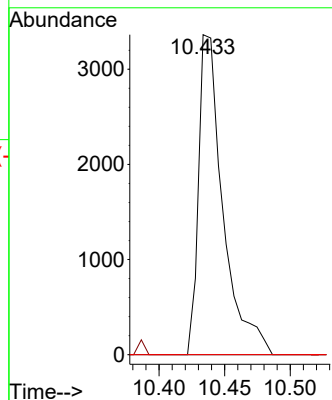
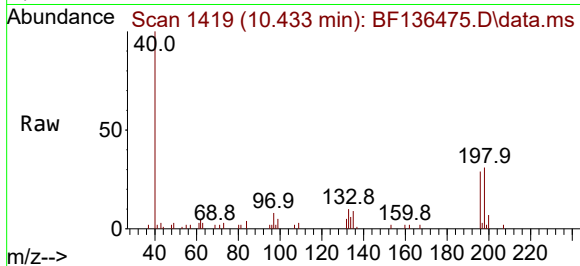




#65
4,6-Dinitro-2-methylphenol
Concen: 2.182 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136475.D
Acq: 08 Dec 2023 19:12

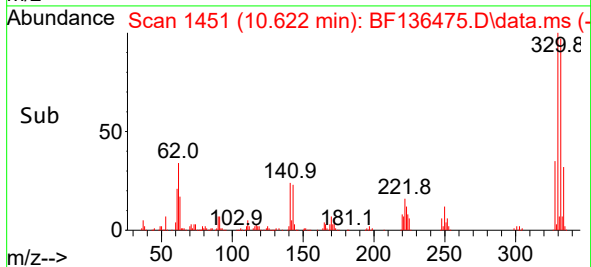
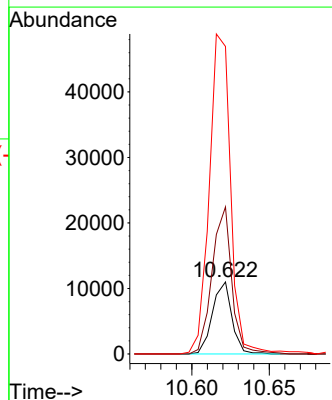
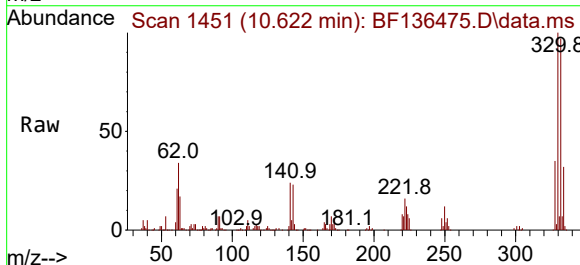
Instrument :
BNA_F
ClientSampleId :
72-11985

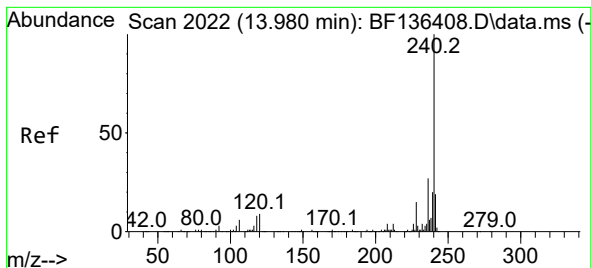
Tgt Ion:198 Resp: 4376
Ion Ratio Lower Upper
198 100
51 0.0 24.1 64.1#
105 0.0 24.8 64.8#



#67
4-Bromophenyl-phenylether
Concen: 2.555 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.253 min
Lab File: BF136475.D
Acq: 08 Dec 2023 19:12

Tgt Ion:248 Resp: 9621
Ion Ratio Lower Upper
248 100
250 204.1 76.2 114.2#
141 426.9 51.0 76.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136475.D

Acq: 08 Dec 2023 19:12

Instrument :

BNA_F

ClientSampleId :

72-11985

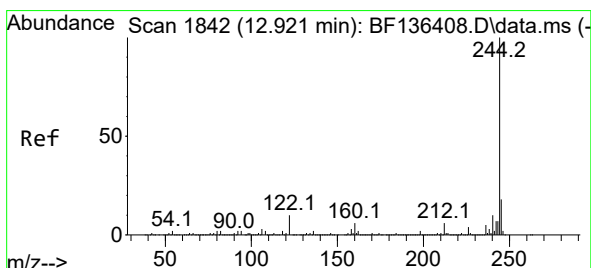
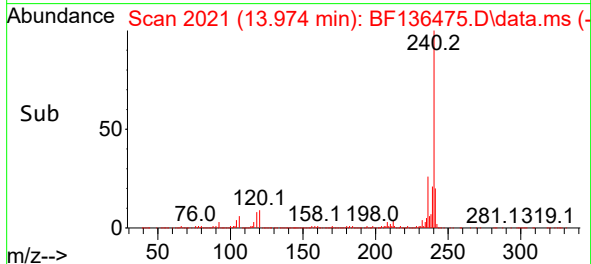
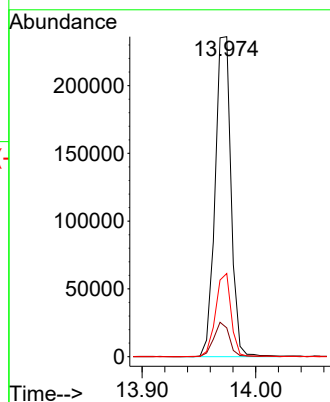
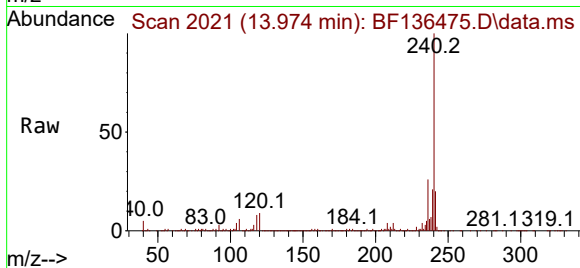
Tgt Ion:240 Resp: 229635

Ion Ratio Lower Upper

240 100

120 9.0 7.3 10.9

236 26.0 21.3 31.9



#79

Terphenyl-d14

Concen: 36.499 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF136475.D

Acq: 08 Dec 2023 19:12

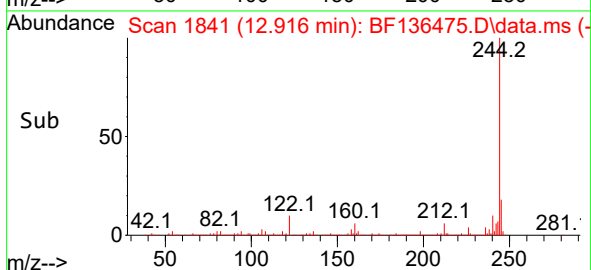
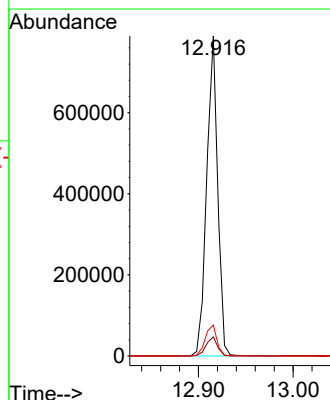
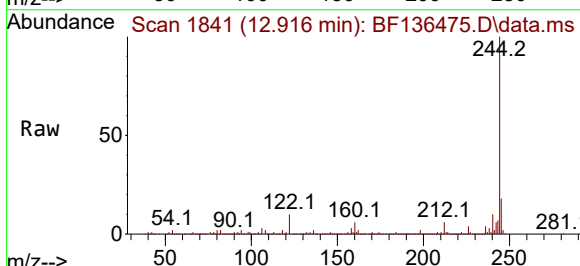
Tgt Ion:244 Resp: 635903

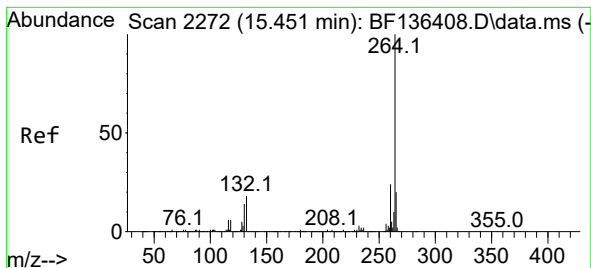
Ion Ratio Lower Upper

244 100

212 5.9 5.0 7.4

122 9.7 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136475.D

Acq: 08 Dec 2023 19:12

Instrument :

BNA_F

ClientSampleId :

72-11985

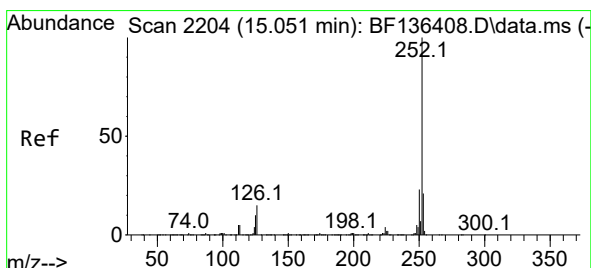
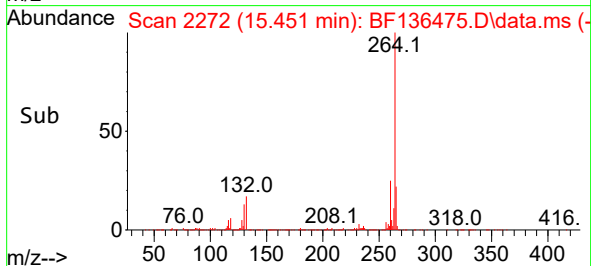
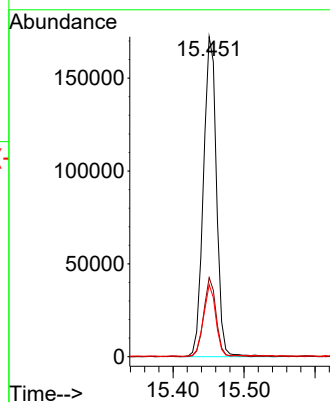
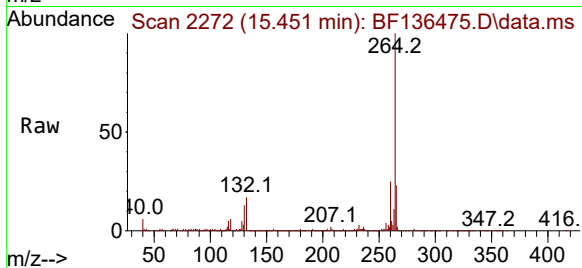
Tgt Ion:264 Resp: 221200

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 22.5 15.9 23.9



#89

Benzo(k)fluoranthene

Concen: 2.089 ng

RT: 15.016 min Scan# 2198

Delta R.T. -0.035 min

Lab File: BF136475.D

Acq: 08 Dec 2023 19:12

Tgt Ion:252 Resp: 29773

Ion Ratio Lower Upper

252 100

253 20.8 16.9 25.3

125 13.4 7.5 11.3#

