

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
 Data File : BF137105.D
 Acq On : 17 Jan 2024 21:02
 Operator : CG\JU
 Sample : P1153-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-B

Quant Time: Jan 18 01:18:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

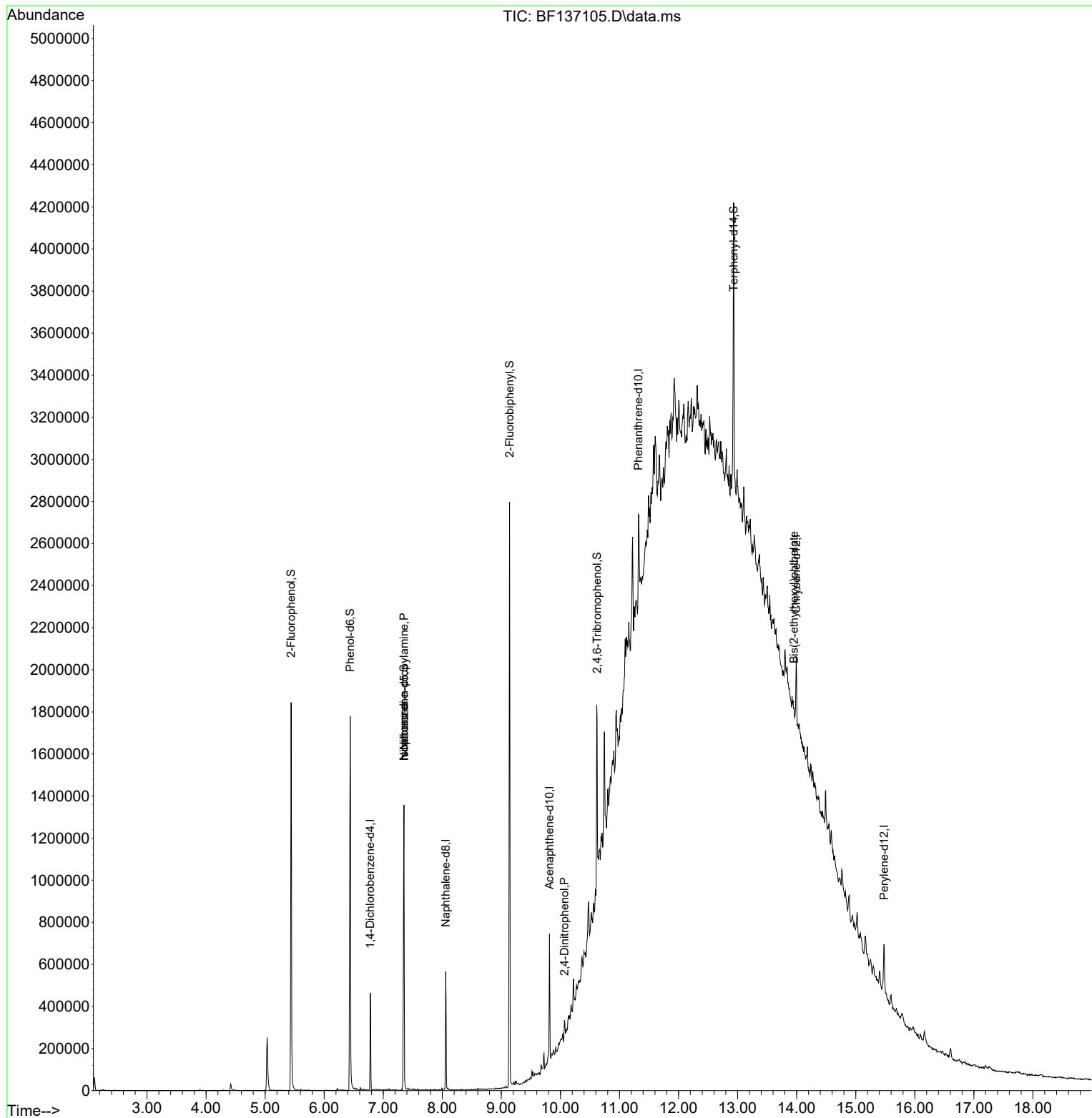
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	63014	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	240691	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	108105	20.000	ng	-0.01
64) Phenanthrene-d10	11.321	188	144350	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	103408	20.000	ng	# 0.02
86) Perylene-d12	15.480	264	105112	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	515418	127.622	ng	0.01
7) Phenol-d6	6.439	99	721525	137.878	ng	0.00
23) Nitrobenzene-d5	7.351	82	445169	94.643	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	136314	107.066	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	900824	112.076	ng	-0.01
79) Terphenyl-d14	12.933	244	612437	82.765	ng	0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	58295	18.377	ng	# 76
25) Isophorone	7.351	82	445104	52.005	ng	# 65
54) 2,4-Dinitrophenol	10.069	184	72	3.804	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.957	149	15596	3.356	ng	# 88

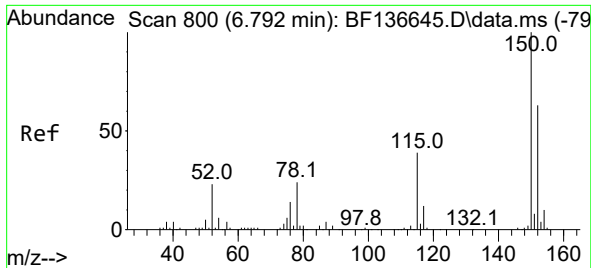
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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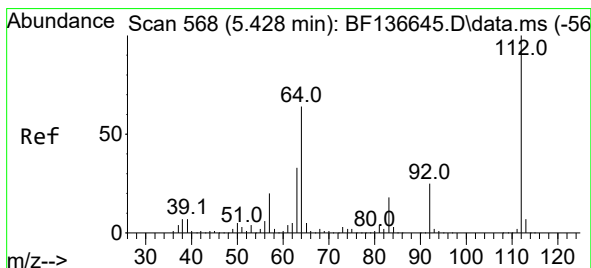
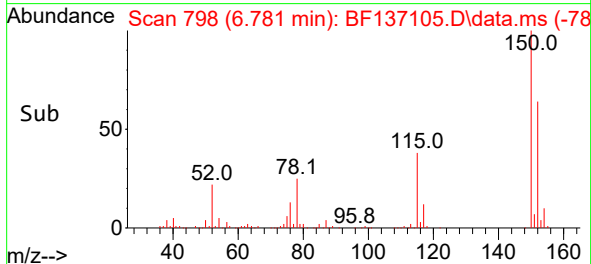
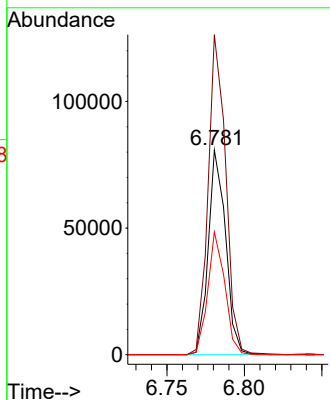
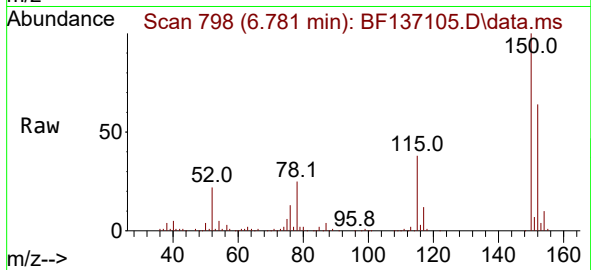




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137105.D
Acq: 17 Jan 2024 21:02

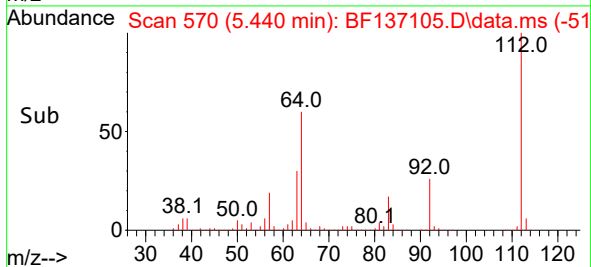
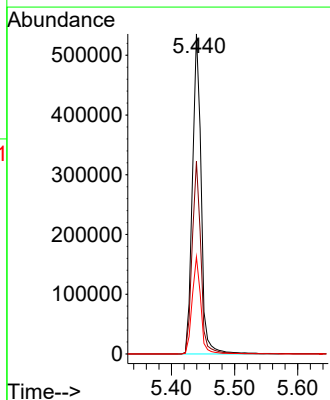
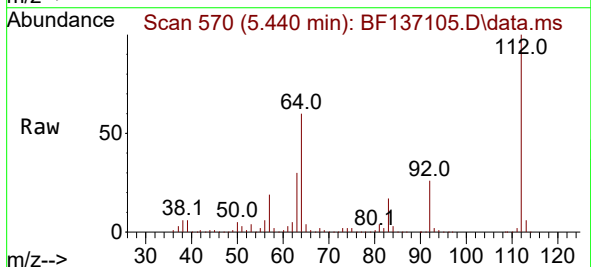
Instrument :
BNA_F
ClientSampleId :
PAD-B

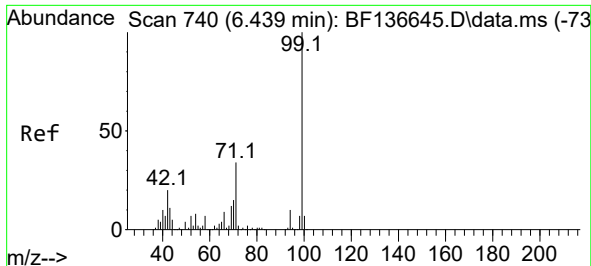
Tgt Ion:152 Resp: 63014
Ion Ratio Lower Upper
152 100
150 156.4 127.0 190.6
115 60.0 49.0 73.4



#5
2-Fluorophenol
Concen: 127.622 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF137105.D
Acq: 17 Jan 2024 21:02

Tgt Ion:112 Resp: 515418
Ion Ratio Lower Upper
112 100
64 60.2 51.1 76.7
63 30.3 26.1 39.1

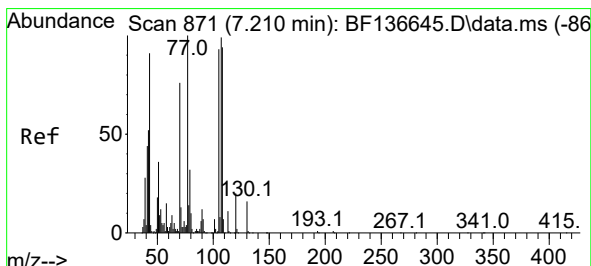
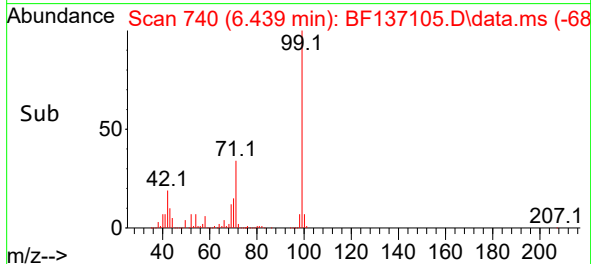
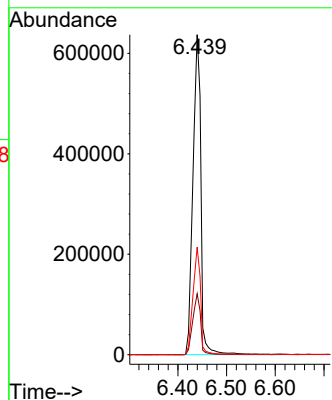
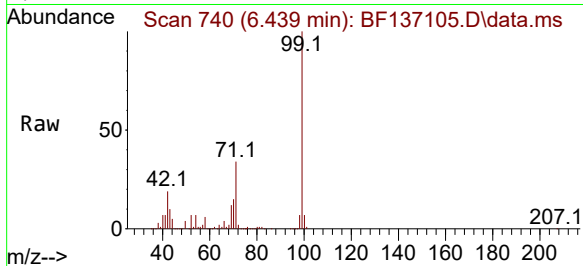




#7
Phenol-d6
Concen: 137.878 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF137105.D
Acq: 17 Jan 2024 21:02

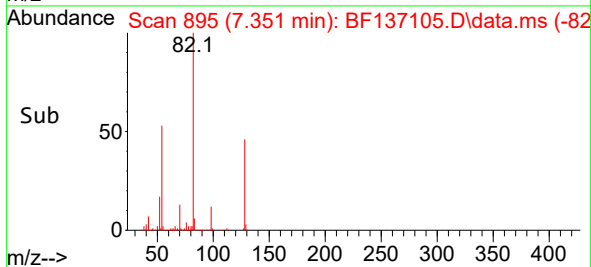
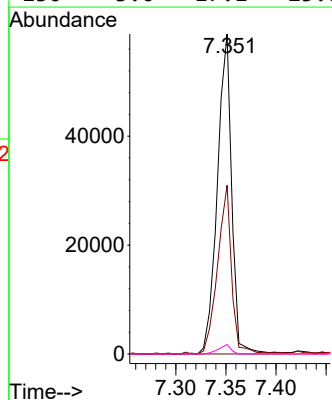
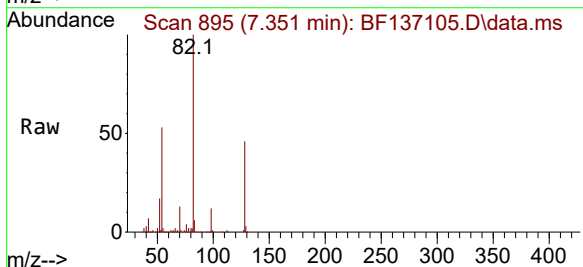
Instrument :
BNA_F
ClientSampleId :
PAD-B

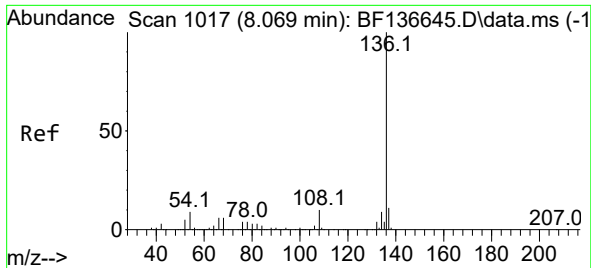
Tgt Ion: 99 Resp: 721525
Ion Ratio Lower Upper
99 100
42 19.1 16.1 24.1
71 33.6 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.377 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137105.D
Acq: 17 Jan 2024 21:02

Tgt Ion: 70 Resp: 58295
Ion Ratio Lower Upper
70 100
42 52.7 54.2 81.4#
101 0.0 7.6 11.4#
130 3.0 17.1 25.7#

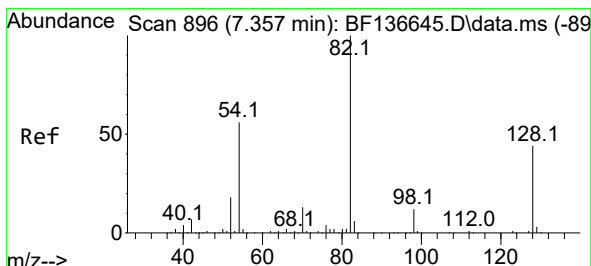
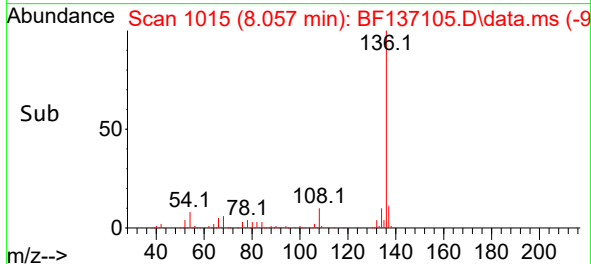
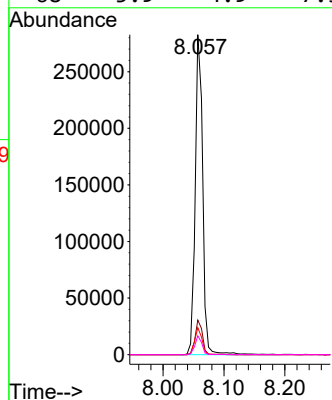
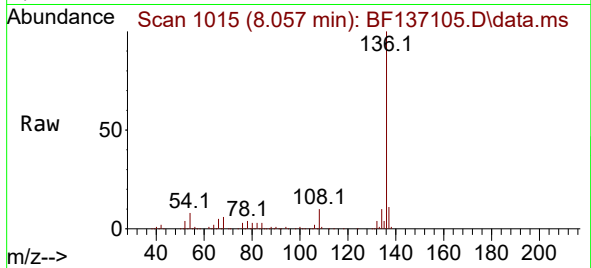




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF137105.D
Acq: 17 Jan 2024 21:02

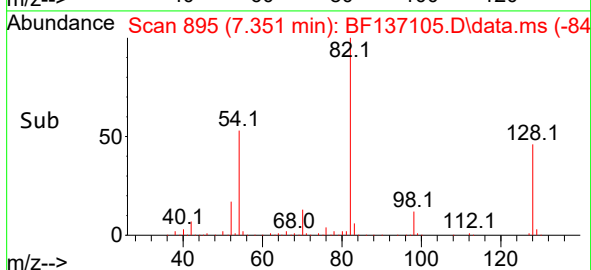
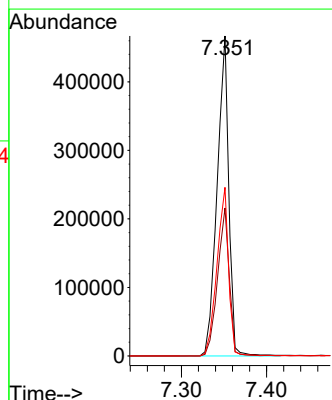
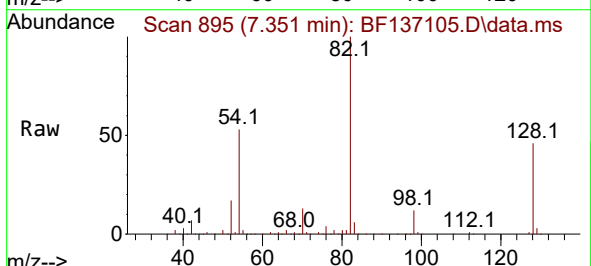
Instrument :
BNA_F
ClientSampleId :
PAD-B

Tgt Ion:136 Resp: 240691
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.5 7.2 10.8
68 5.9 4.9 7.3



#23
Nitrobenzene-d5
Concen: 94.643 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137105.D
Acq: 17 Jan 2024 21:02

Tgt Ion: 82 Resp: 445169
Ion Ratio Lower Upper
82 100
128 46.2 35.3 52.9
54 52.7 44.5 66.7

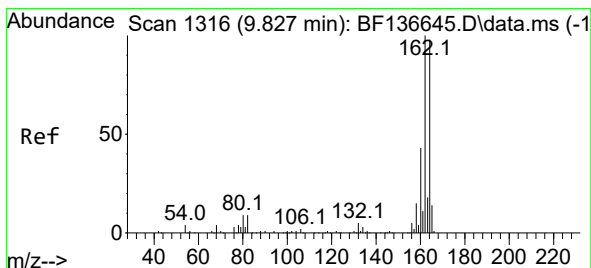
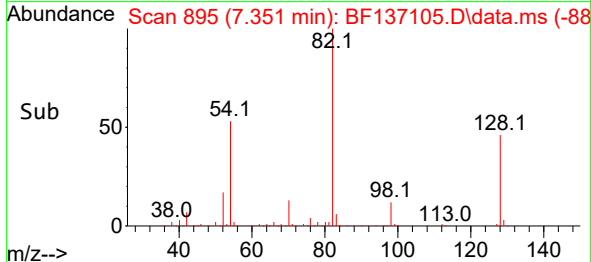
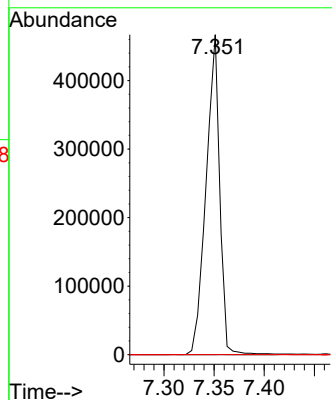
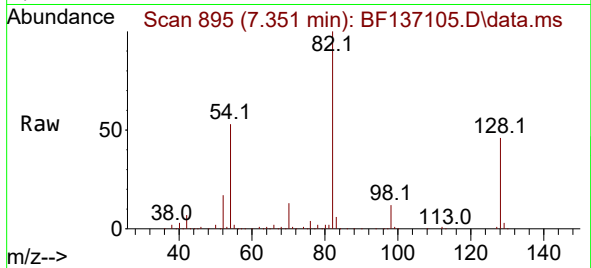




#25
Isophorone
Concen: 52.005 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137105.D
Acq: 17 Jan 2024 21:02

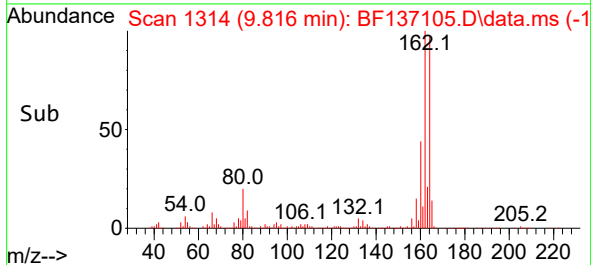
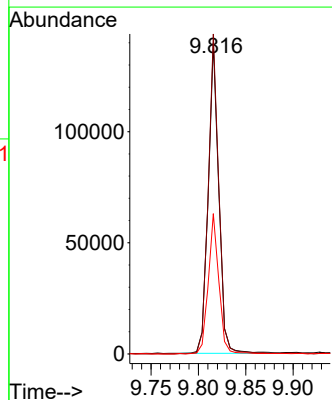
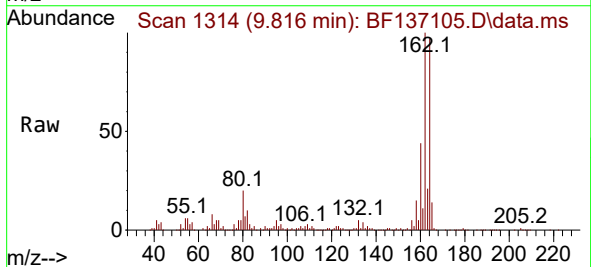
Instrument :
BNA_F
ClientSampleId :
PAD-B

Tgt Ion: 82 Resp: 445104
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137105.D
Acq: 17 Jan 2024 21:02

Tgt Ion: 164 Resp: 108105
Ion Ratio Lower Upper
164 100
162 102.9 81.6 122.4
160 45.1 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 107.066 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF137105.D

Acq: 17 Jan 2024 21:02

Instrument :

BNA_F

ClientSampleId :

PAD-B

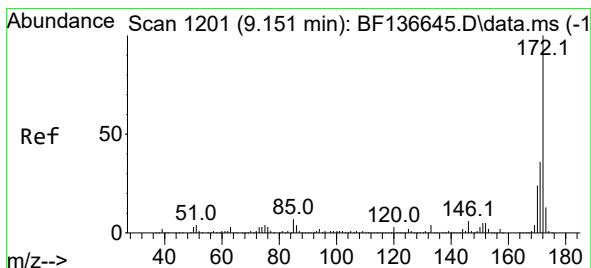
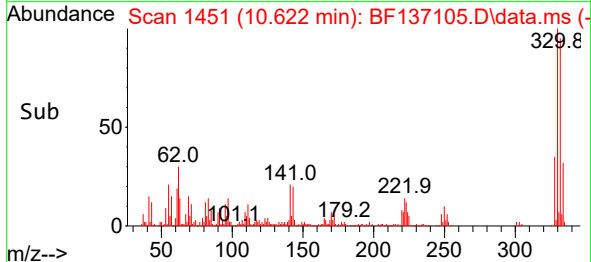
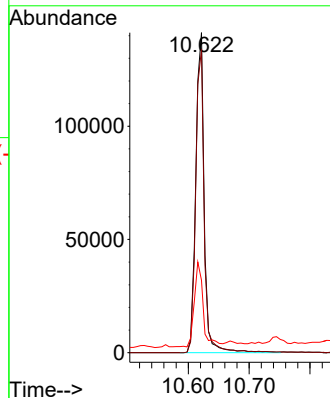
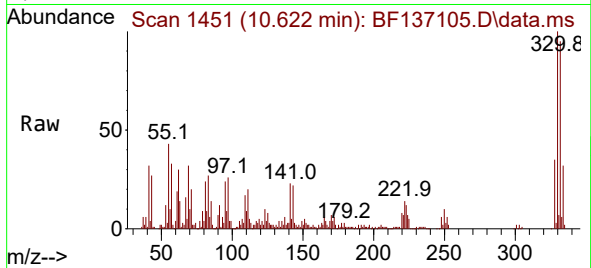
Tgt Ion:330 Resp: 136314

Ion Ratio Lower Upper

330 100

332 94.9 77.4 116.0

141 27.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 112.076 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF137105.D

Acq: 17 Jan 2024 21:02

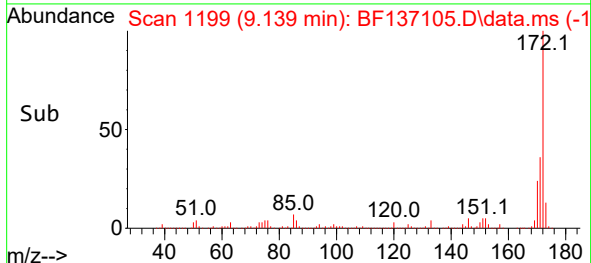
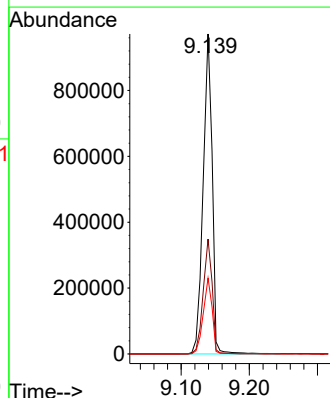
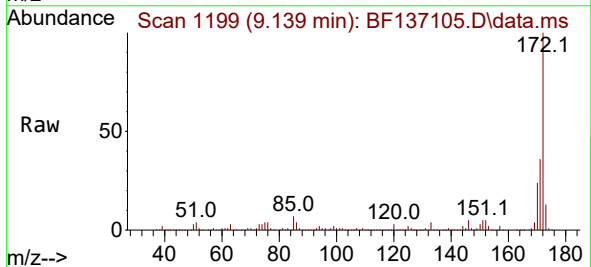
Tgt Ion:172 Resp: 900824

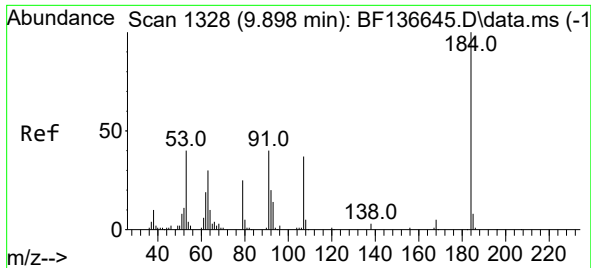
Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

170 23.7 19.0 28.4

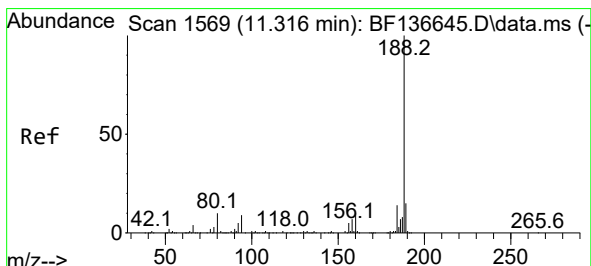
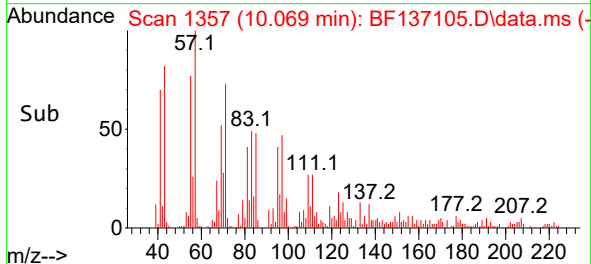
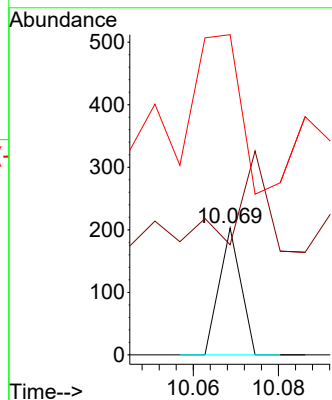
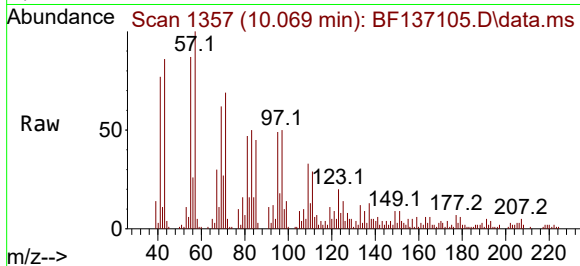




#54
2,4-Dinitrophenol
Concen: 3.804 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.171 min
Lab File: BF137105.D
Acq: 17 Jan 2024 21:02

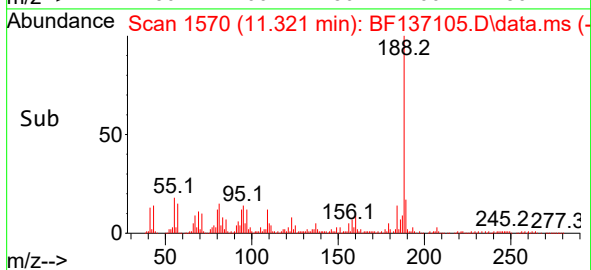
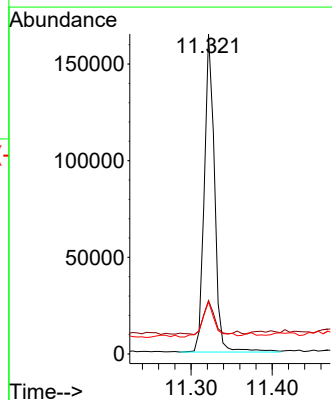
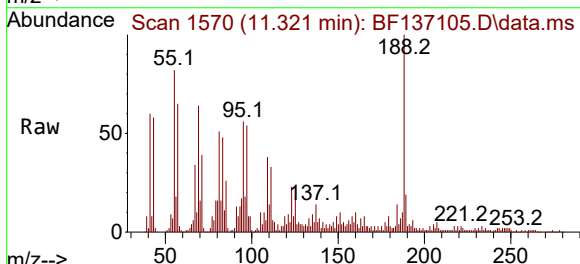
Instrument :
BNA_F
ClientSampleId :
PAD-B

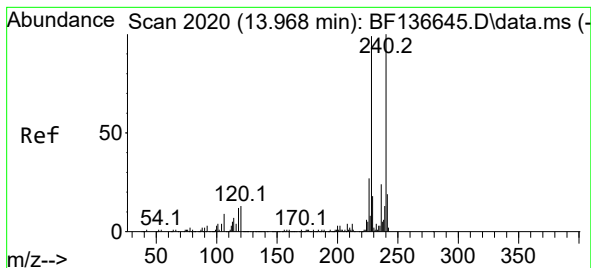
Tgt Ion:184 Resp: 72
Ion Ratio Lower Upper
184 100
63 86.7 40.9 61.3#
154 252.2 42.7 64.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF137105.D
Acq: 17 Jan 2024 21:02

Tgt Ion:188 Resp: 144350
Ion Ratio Lower Upper
188 100
94 16.7 7.5 11.3#
80 16.4 8.1 12.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.024 min

Lab File: BF137105.D

Acq: 17 Jan 2024 21:02

Instrument :

BNA_F

ClientSampleId :

PAD-B

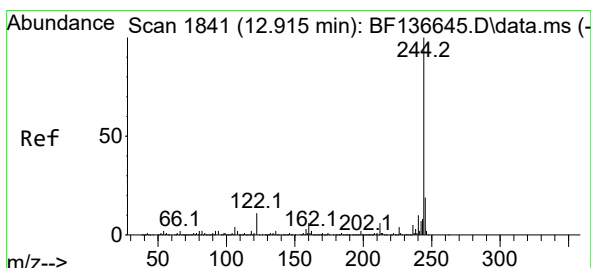
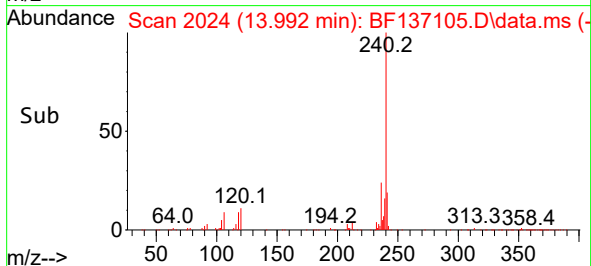
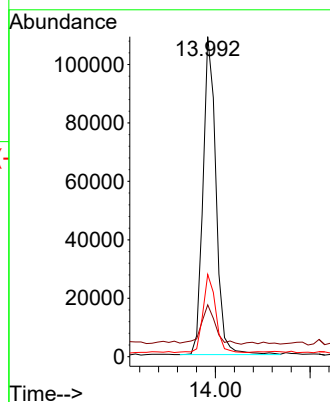
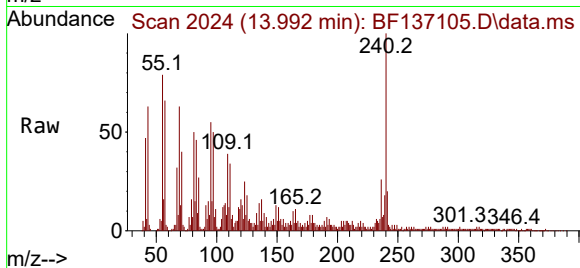
Tgt Ion:240 Resp: 103408

Ion Ratio Lower Upper

240 100

120 16.2 10.3 15.5#

236 25.7 19.4 29.2



#79

Terphenyl-d14

Concen: 82.765 ng

RT: 12.933 min Scan# 1844

Delta R.T. 0.018 min

Lab File: BF137105.D

Acq: 17 Jan 2024 21:02

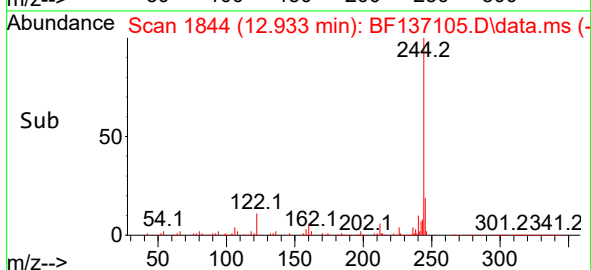
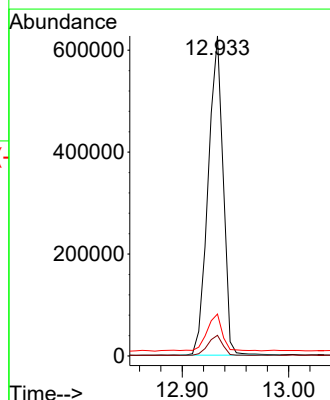
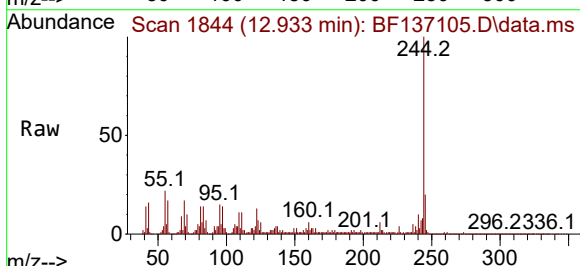
Tgt Ion:244 Resp: 612437

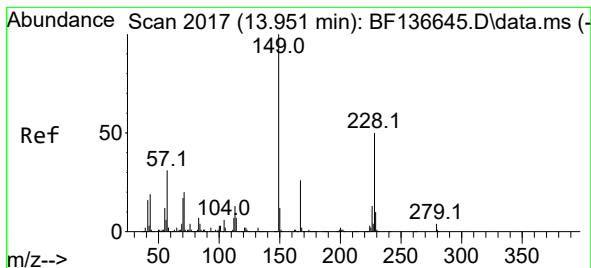
Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 13.1 9.0 13.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.356 ng

RT: 13.957 min Scan# 2017

Delta R.T. 0.006 min

Lab File: BF137105.D

Acq: 17 Jan 2024 21:02

Instrument :

BNA_F

ClientSampleId :

PAD-B

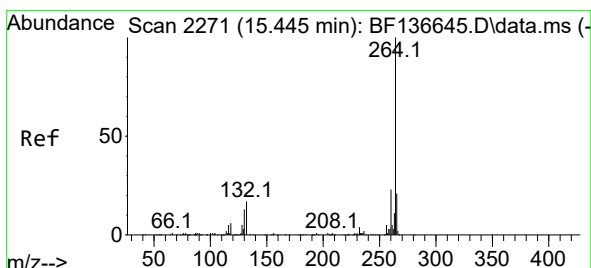
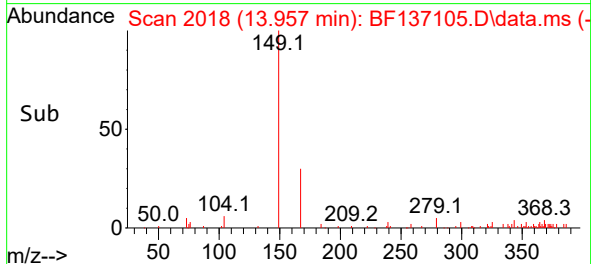
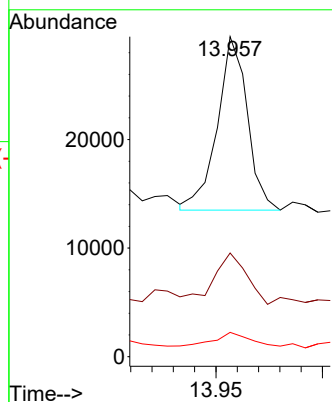
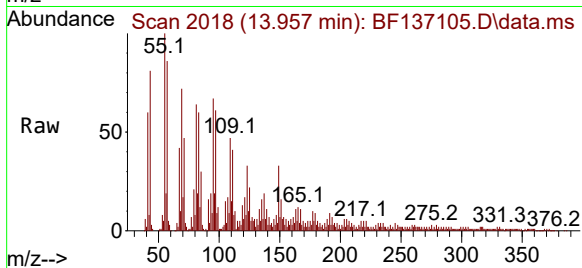
Tgt Ion:149 Resp: 15596

Ion Ratio Lower Upper

149 100

167 32.4 20.9 31.3#

279 7.6 2.9 4.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2277

Delta R.T. 0.035 min

Lab File: BF137105.D

Acq: 17 Jan 2024 21:02

Tgt Ion:264 Resp: 105112

Ion Ratio Lower Upper

264 100

260 24.3 18.3 27.5

265 22.8 17.0 25.6

