

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
 Data File : BF137012.D
 Acq On : 10 Jan 2024 10:55
 Operator : CG\JU
 Sample : PB158316BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158316BL

Quant Time: Jan 10 11:36:15 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	6.787	152	82946	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	325957	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	173077	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	365444	20.000	ng	0.00
76) Chrysene-d12	13.974	240	262418	20.000	ng	0.00
86) Perylene-d12	15.463	264	205397	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	764439	143.797	ng	0.02
7) Phenol-d6	6.445	99	960552	139.446	ng	0.00
23) Nitrobenzene-d5	7.351	82	603844	94.796	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	292067	143.285	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1189423	92.430	ng	0.00
79) Terphenyl-d14	12.922	244	1544472	82.249	ng	0.00

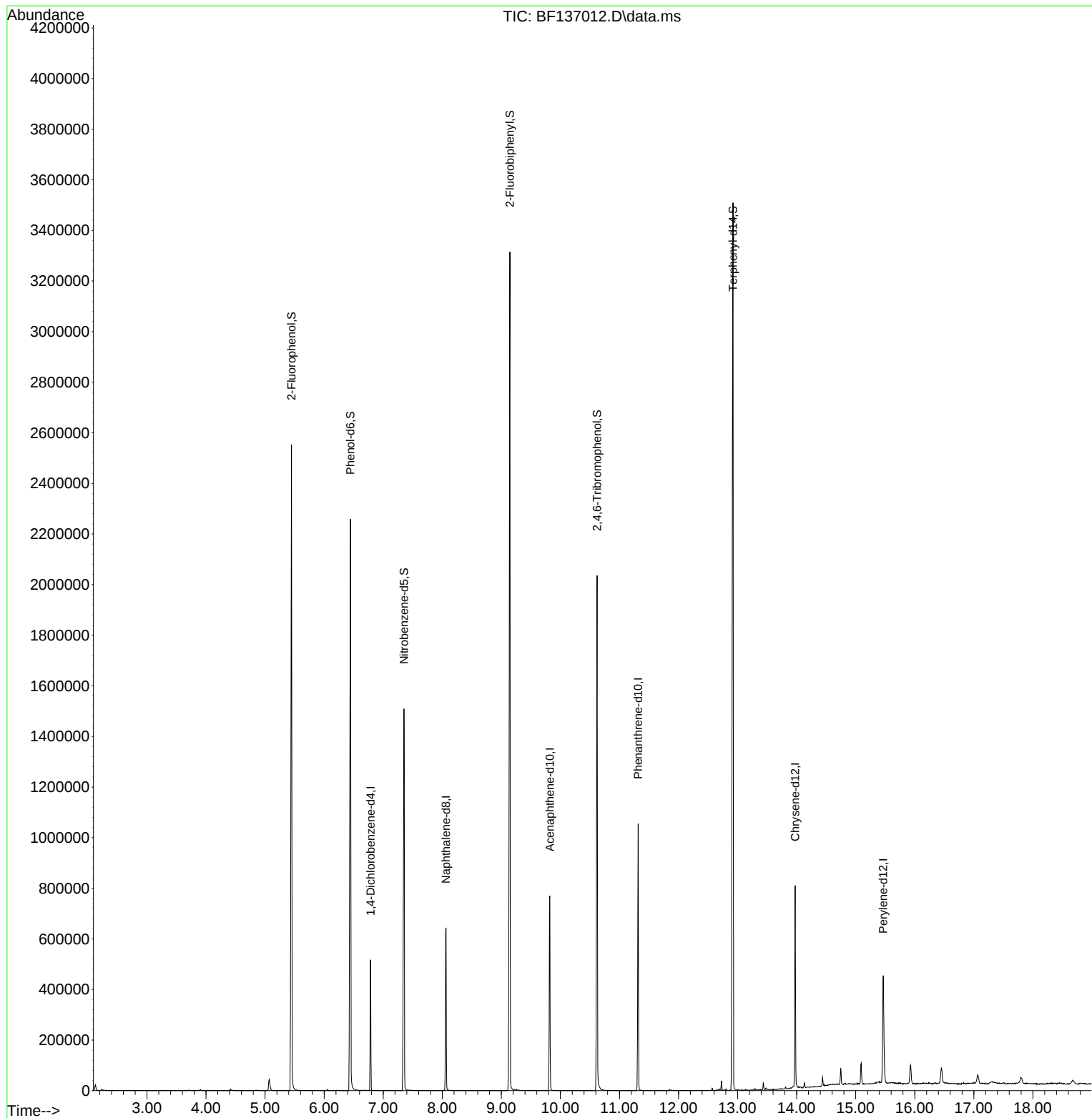
Target Compounds	Qvalue

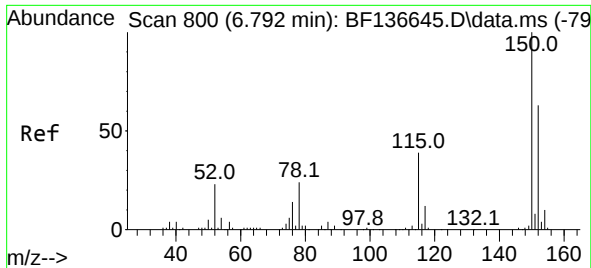
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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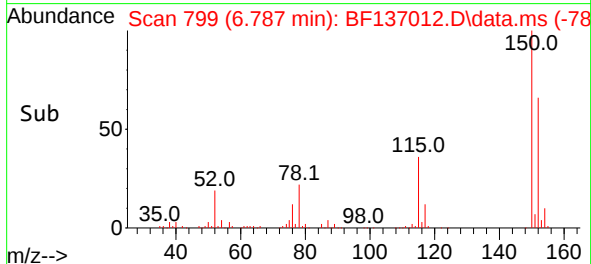
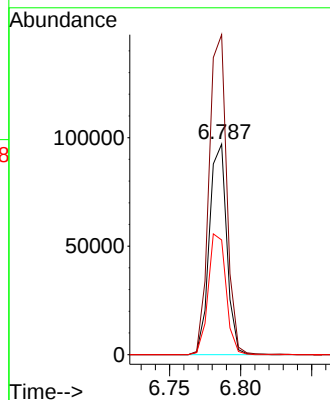
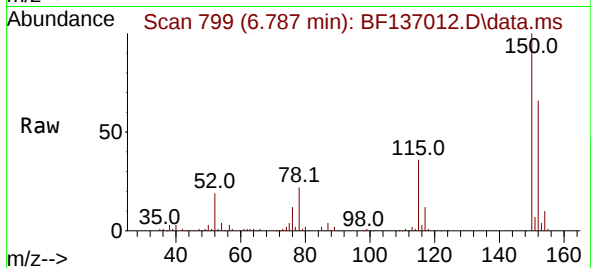




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF137012.D
Acq: 10 Jan 2024 10:55

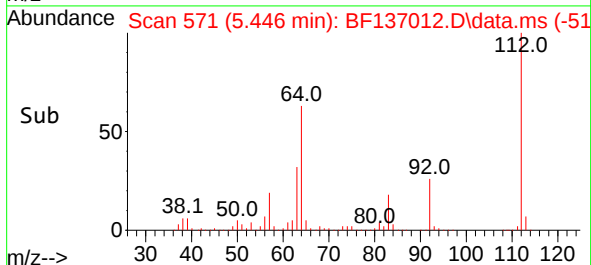
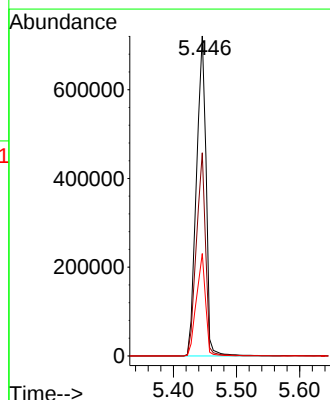
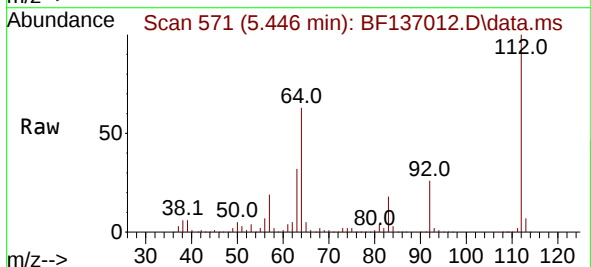
Instrument :
BNA_F
ClientSampleId :
PB158316BL

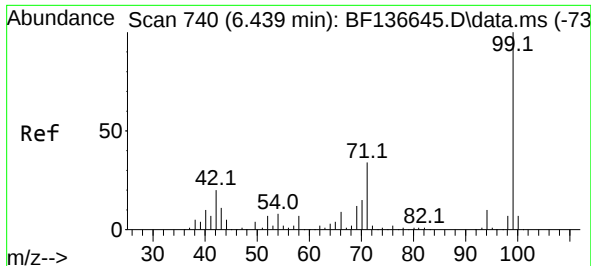
Tgt Ion:152 Resp: 82946
Ion Ratio Lower Upper
152 100
150 152.0 127.0 190.6
115 54.5 49.0 73.4



#5
2-Fluorophenol
Concen: 143.797 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF137012.D
Acq: 10 Jan 2024 10:55

Tgt Ion:112 Resp: 764439
Ion Ratio Lower Upper
112 100
64 63.5 51.1 76.7
63 32.0 26.1 39.1

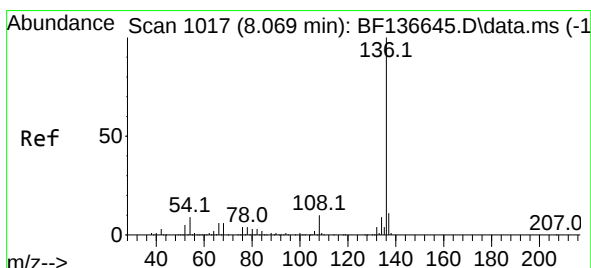
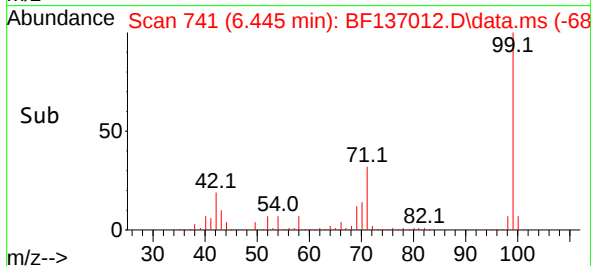
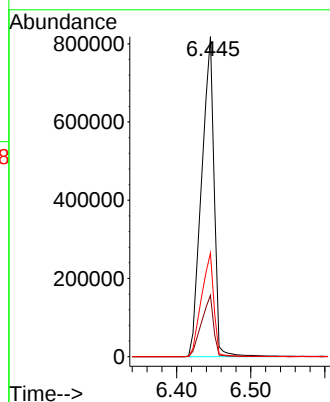
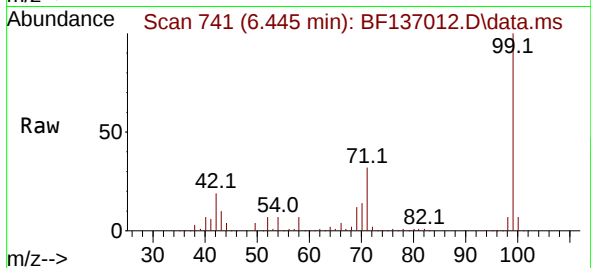




#7
Phenol-d6
Concen: 139.446 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF137012.D
Acq: 10 Jan 2024 10:55

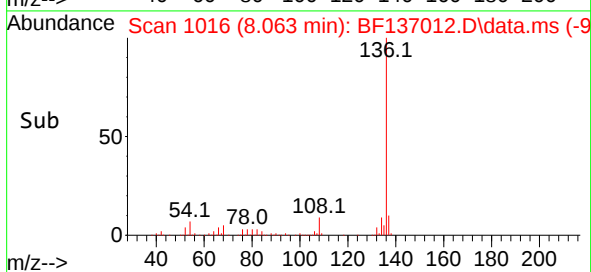
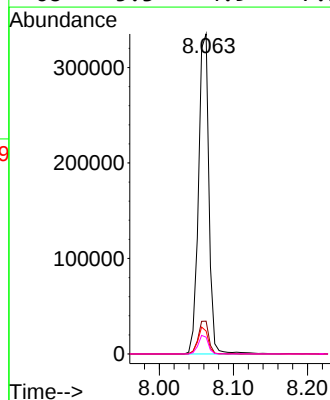
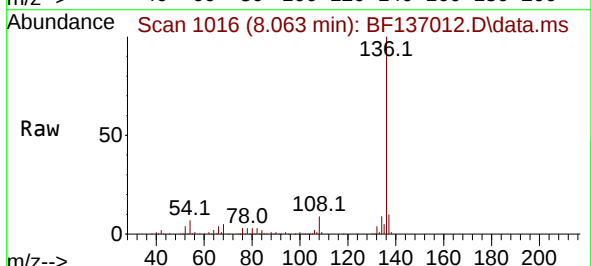
Instrument :
BNA_F
ClientSampleId :
PB158316BL

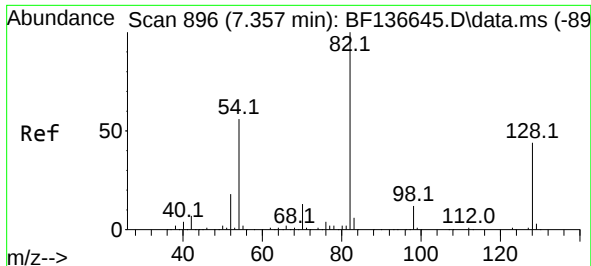
Tgt Ion: 99 Resp: 960552
Ion Ratio Lower Upper
99 100
42 19.2 16.1 24.1
71 32.4 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137012.D
Acq: 10 Jan 2024 10:55

Tgt Ion: 136 Resp: 325957
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.4
54 7.2 7.2 10.8#
68 5.3 4.9 7.3





#23

Nitrobenzene-d5

Concen: 94.796 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF137012.D

Acq: 10 Jan 2024 10:55

Instrument :

BNA_F

ClientSampleId :

PB158316BL

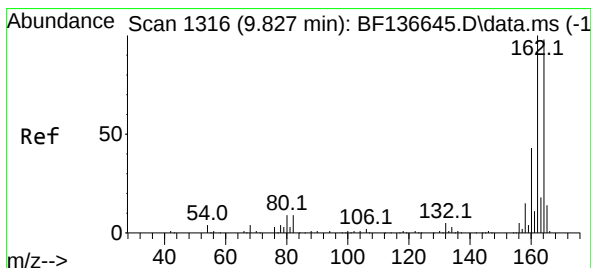
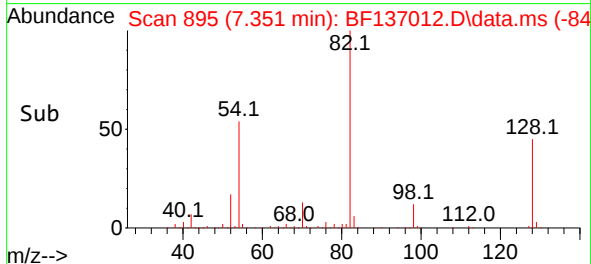
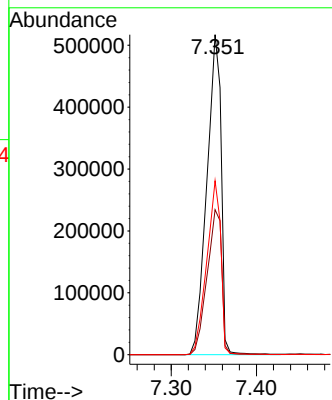
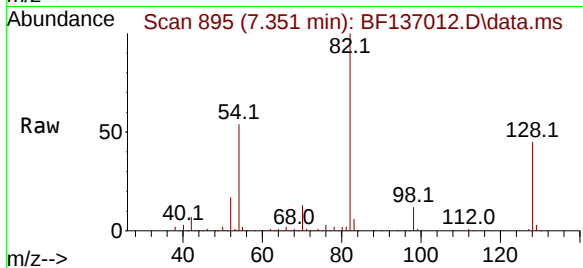
Tgt Ion: 82 Resp: 603844

Ion Ratio Lower Upper

82 100

128 45.3 35.3 52.9

54 54.3 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF137012.D

Acq: 10 Jan 2024 10:55

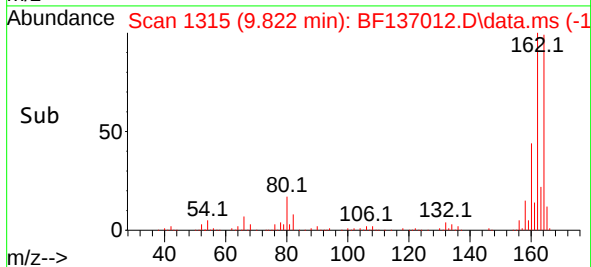
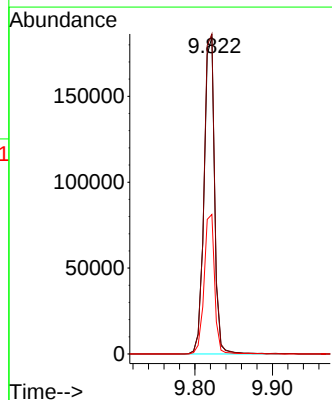
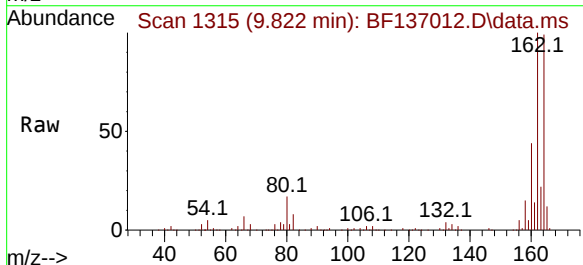
Tgt Ion:164 Resp: 173077

Ion Ratio Lower Upper

164 100

162 101.0 81.6 122.4

160 44.0 34.9 52.3

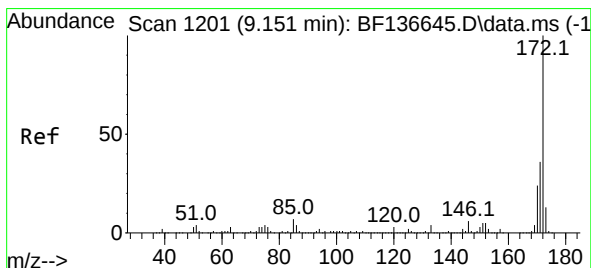
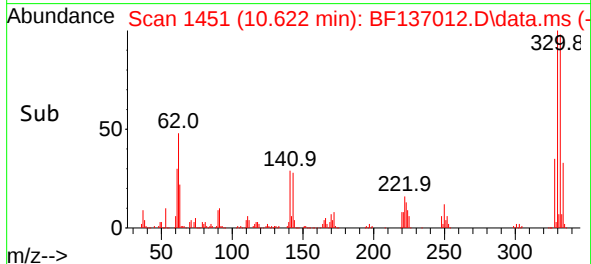
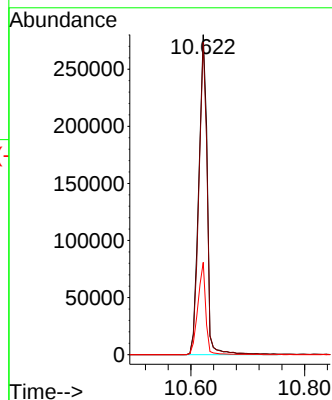
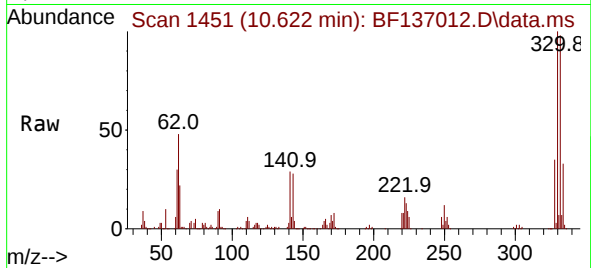




#42
2,4,6-Tribromophenol
Concen: 143.285 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137012.D
Acq: 10 Jan 2024 10:55

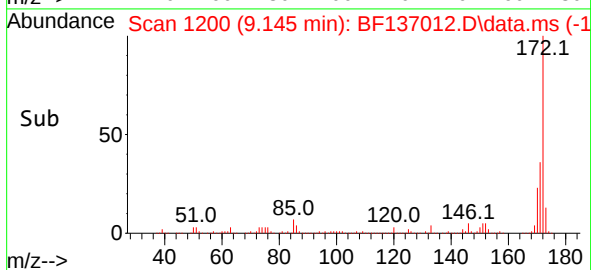
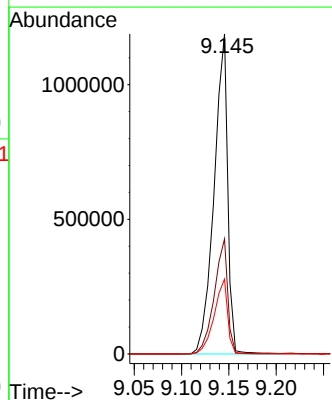
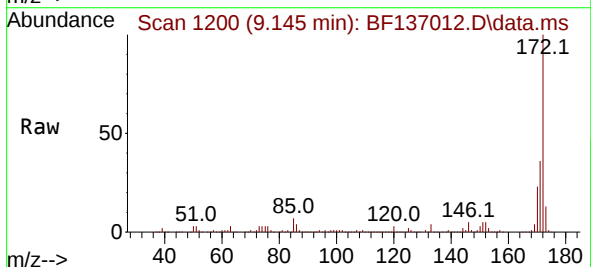
Instrument :
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Tgt Ion:330 Resp: 292067
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 26.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 92.430 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137012.D
Acq: 10 Jan 2024 10:55

Tgt Ion:172 Resp: 1189423
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 23.4 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137012.D

Acq: 10 Jan 2024 10:55

Instrument :

BNA_F

ClientSampleId :

PB158316BL

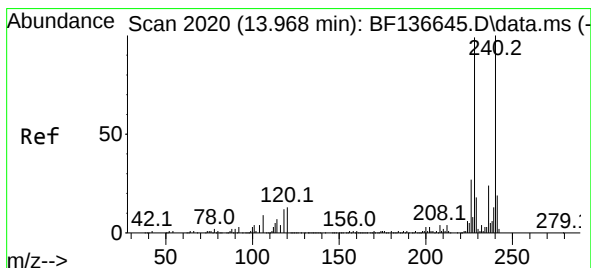
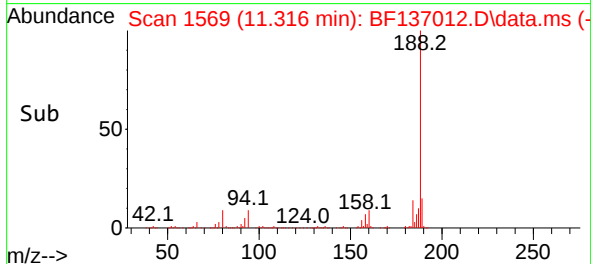
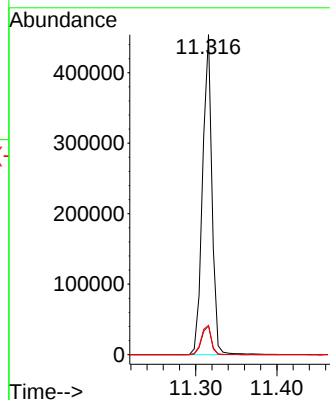
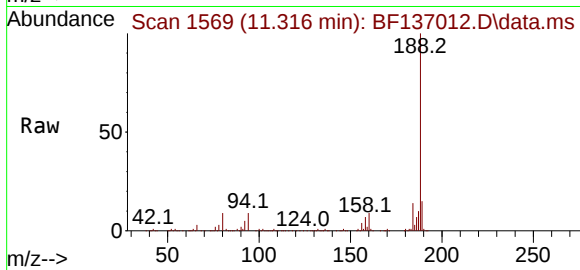
Tgt Ion:188 Resp: 365444

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

80 9.2 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF137012.D

Acq: 10 Jan 2024 10:55

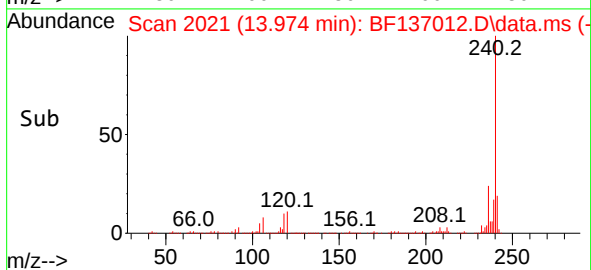
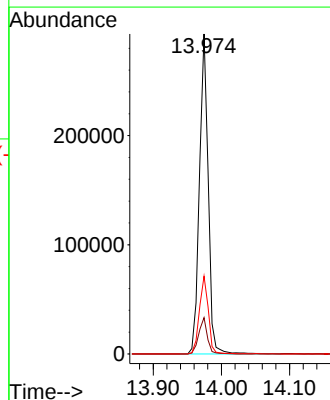
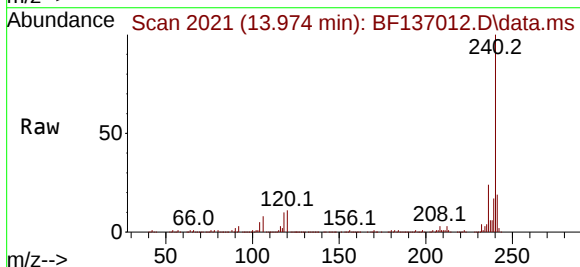
Tgt Ion:240 Resp: 262418

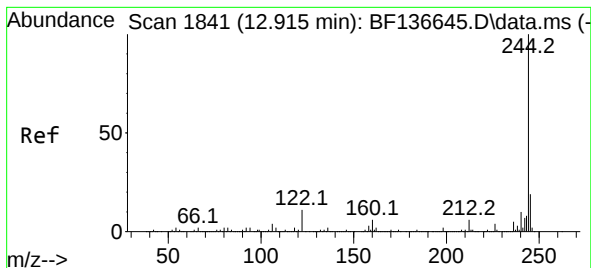
Ion Ratio Lower Upper

240 100

120 11.4 10.3 15.5

236 24.3 19.4 29.2





#79

Terphenyl-d14

Concen: 82.249 ng

RT: 12.922 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137012.D

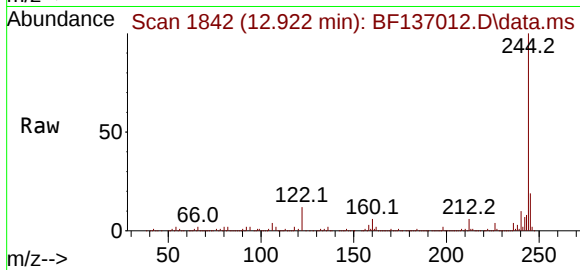
Acq: 10 Jan 2024 10:55

Instrument :

BNA_F

ClientSampleId :

PB158316BL



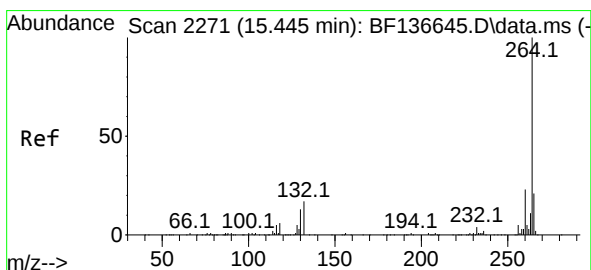
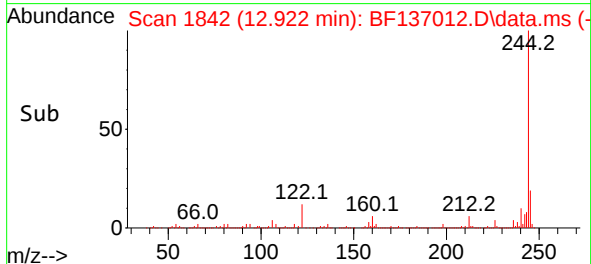
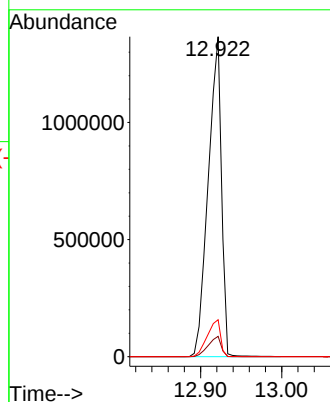
Tgt Ion:244 Resp: 1544472

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 11.6 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. 0.018 min

Lab File: BF137012.D

Acq: 10 Jan 2024 10:55

Tgt Ion:264 Resp: 205397

Ion Ratio Lower Upper

264 100

260 22.6 18.3 27.5

265 21.2 17.0 25.6

