

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
 Data File : BF137031.D
 Acq On : 10 Jan 2024 21:05
 Operator : CG\JU
 Sample : P1069-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-010824

Quant Time: Jan 11 00:03:37 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	42329	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	135822	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	65650	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	140943	20.000	ng	0.00
76) Chrysene-d12	13.974	240	122378	20.000	ng	0.00
86) Perylene-d12	15.468	264	91055	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	41305	15.225	ng	0.00
7) Phenol-d6	6.440	99	45641	12.984	ng	0.00
23) Nitrobenzene-d5	7.345	82	26432	9.958	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	13746	17.779	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	60562	12.407	ng	-0.01
79) Terphenyl-d14	12.904	244	83036	9.482	ng	-0.01

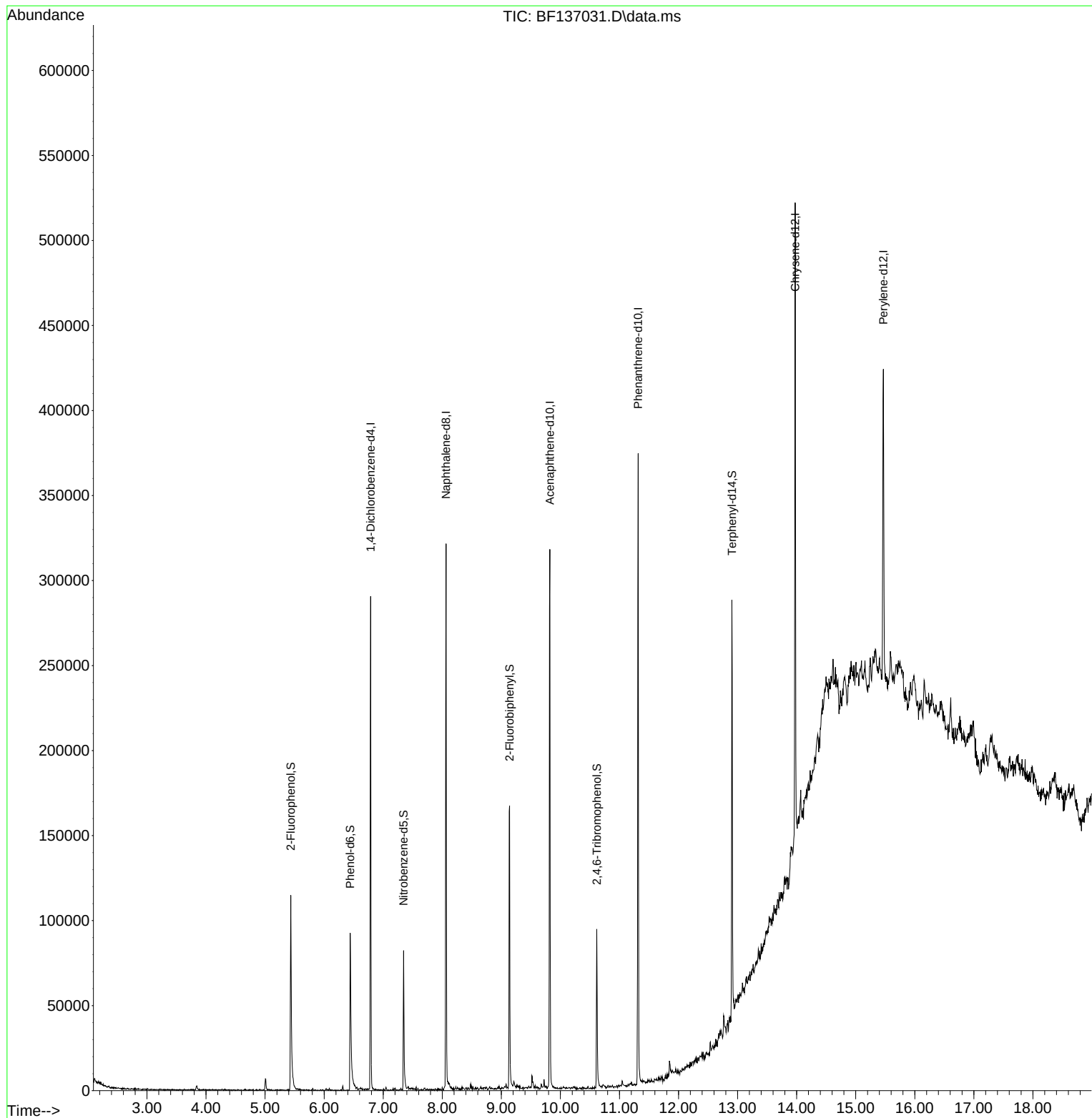
Target Compounds	Qvalue

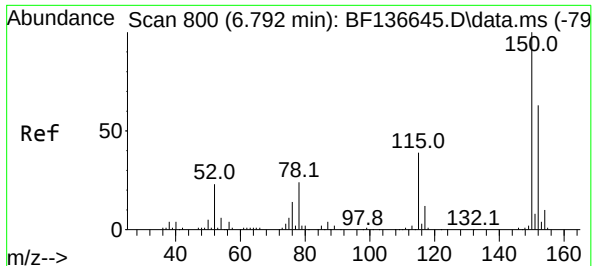
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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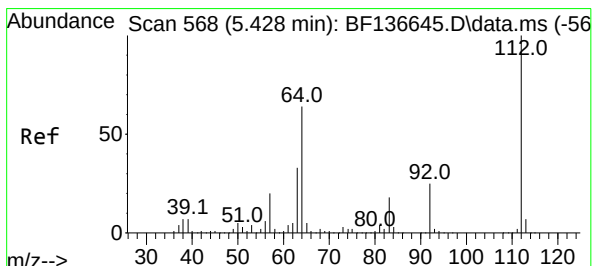
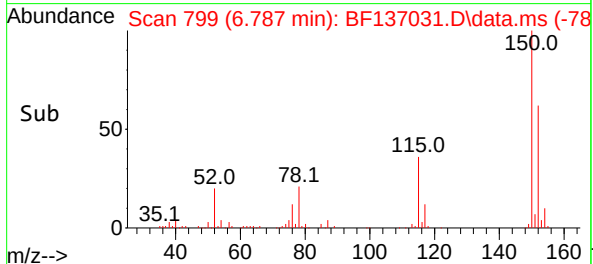
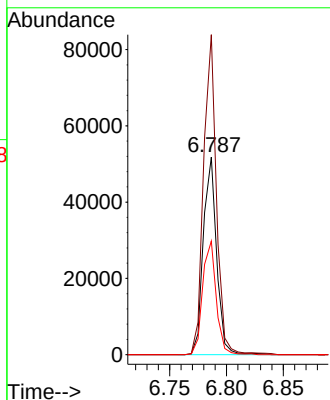
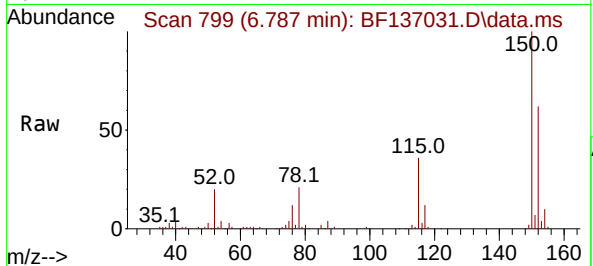




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137031.D
Acq: 10 Jan 2024 21:05

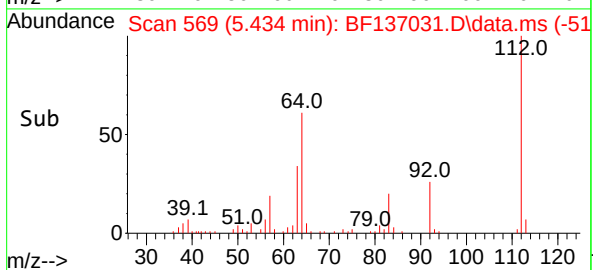
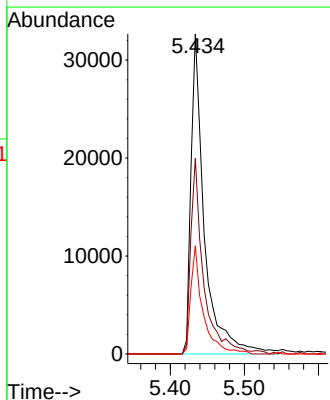
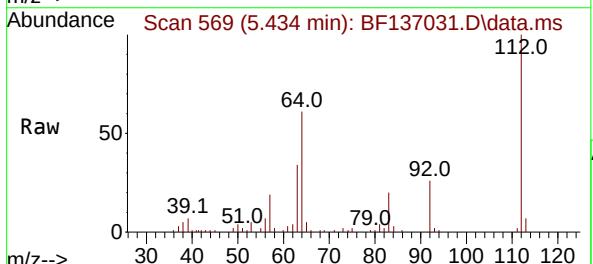
Instrument :
BNA_F
ClientSampleId :
EO-01-010824

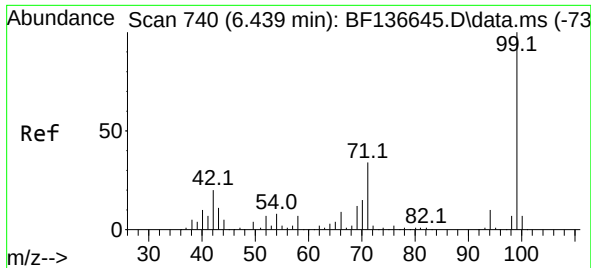
Tgt Ion:152 Resp: 42329
Ion Ratio Lower Upper
152 100
150 161.9 127.0 190.6
115 57.5 49.0 73.4



#5
2-Fluorophenol
Concen: 15.225 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF137031.D
Acq: 10 Jan 2024 21:05

Tgt Ion:112 Resp: 41305
Ion Ratio Lower Upper
112 100
64 61.1 51.1 76.7
63 33.8 26.1 39.1





#7

Phenol-d6

Concen: 12.984 ng

RT: 6.440 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF137031.D

Acq: 10 Jan 2024 21:05

Instrument :

BNA_F

ClientSampleId :

EO-01-010824

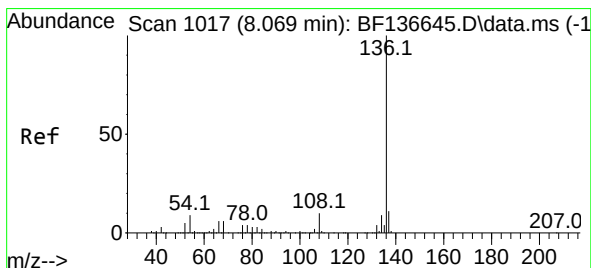
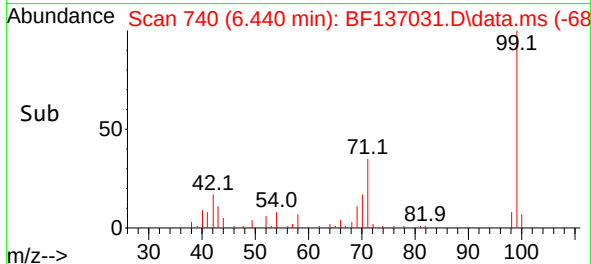
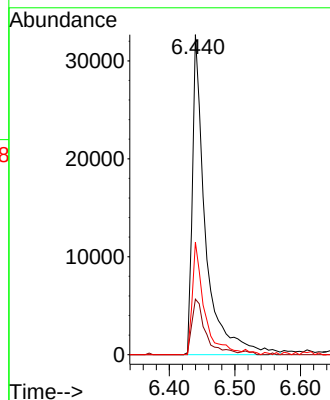
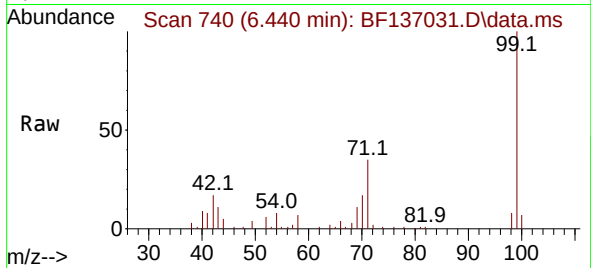
Tgt Ion: 99 Resp: 45641

Ion Ratio Lower Upper

99 100

42 17.3 16.1 24.1

71 35.2 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: BF137031.D

Acq: 10 Jan 2024 21:05

Tgt Ion: 136 Resp: 135822

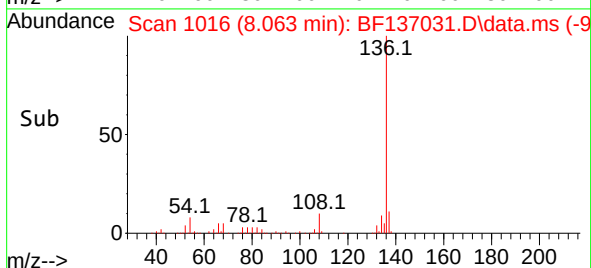
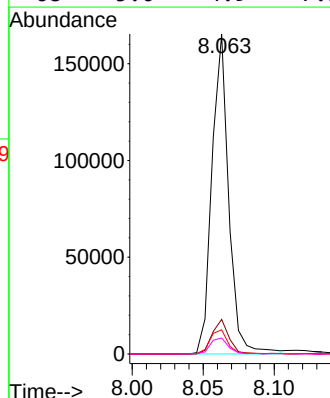
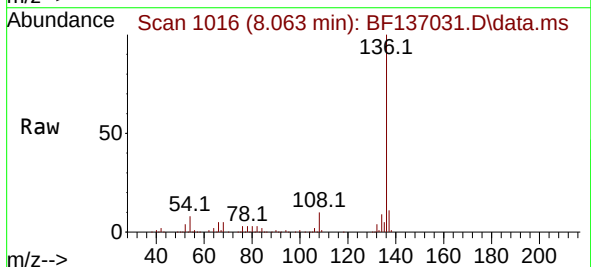
Ion Ratio Lower Upper

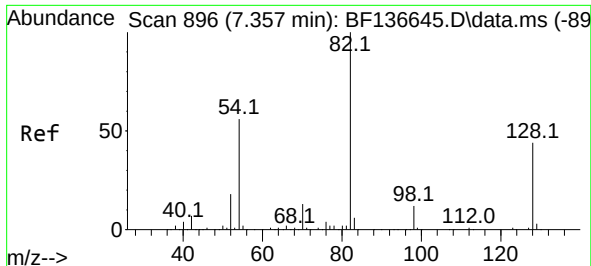
136 100

137 10.8 9.0 13.4

54 7.5 7.2 10.8

68 5.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 9.958 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF137031.D

Acq: 10 Jan 2024 21:05

Instrument :

BNA_F

ClientSampleId :

EO-01-010824

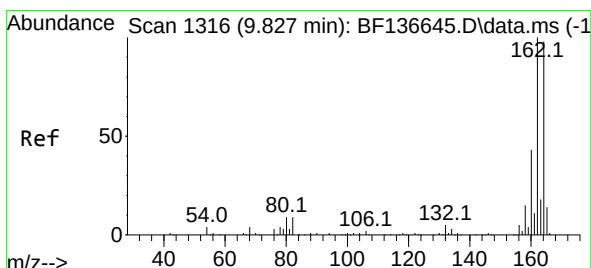
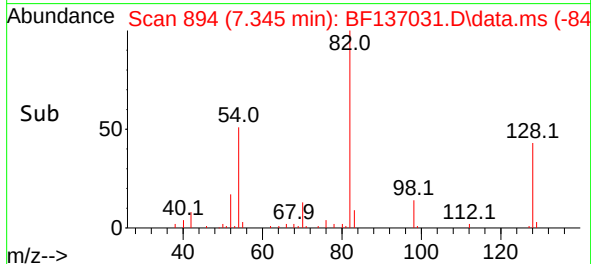
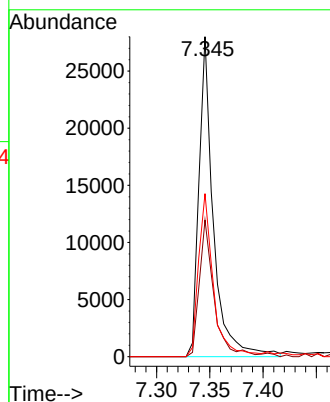
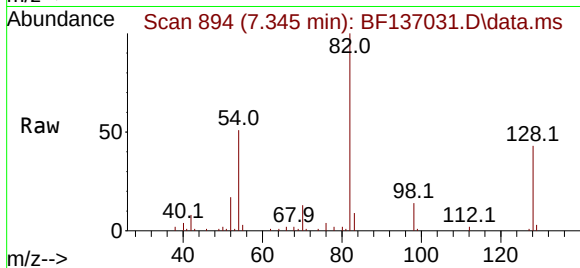
Tgt Ion: 82 Resp: 26432

Ion Ratio Lower Upper

82 100

128 42.7 35.3 52.9

54 50.9 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: BF137031.D

Acq: 10 Jan 2024 21:05

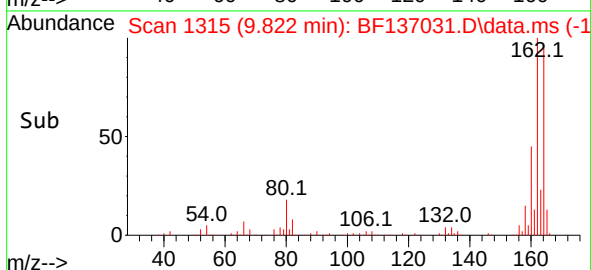
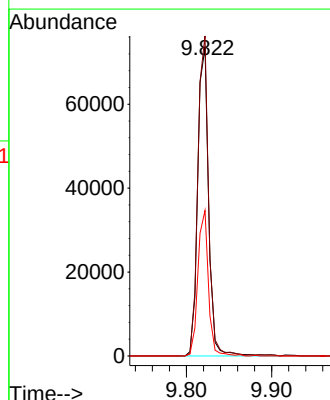
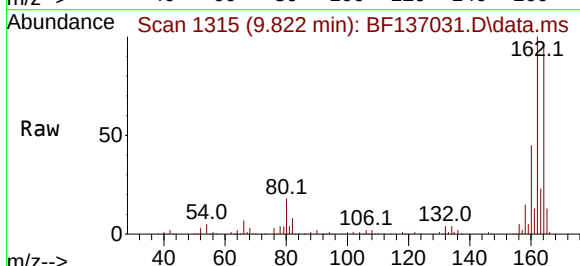
Tgt Ion:164 Resp: 65650

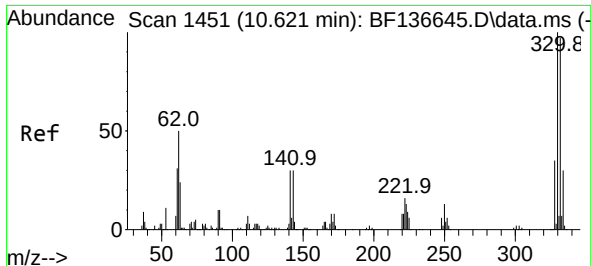
Ion Ratio Lower Upper

164 100

162 103.7 81.6 122.4

160 47.1 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 17.779 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF137031.D

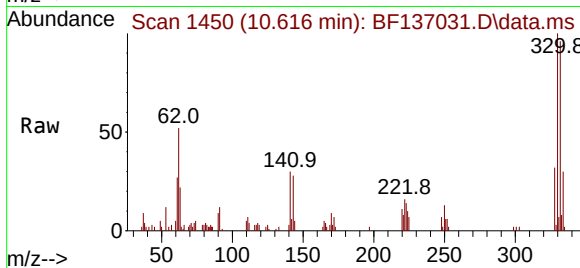
Acq: 10 Jan 2024 21:05

Instrument :

BNA_F

ClientSampleId :

EO-01-010824



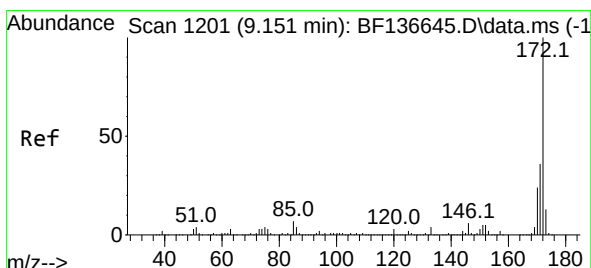
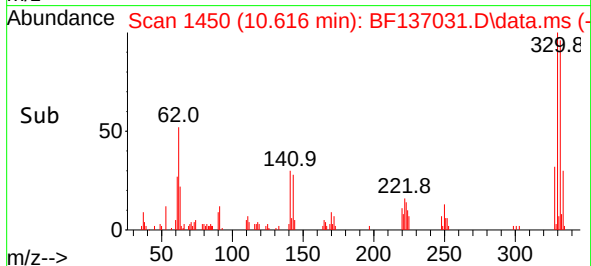
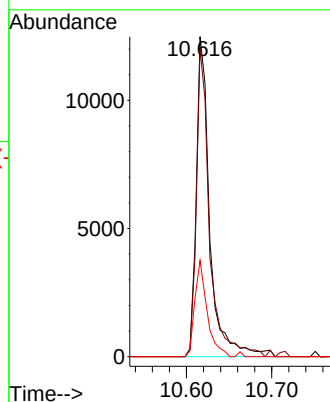
Tgt Ion:330 Resp: 13746

Ion Ratio Lower Upper

330 100

332 93.7 77.4 116.0

141 27.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 12.407 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF137031.D

Acq: 10 Jan 2024 21:05

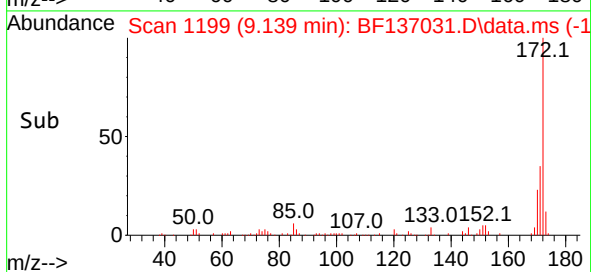
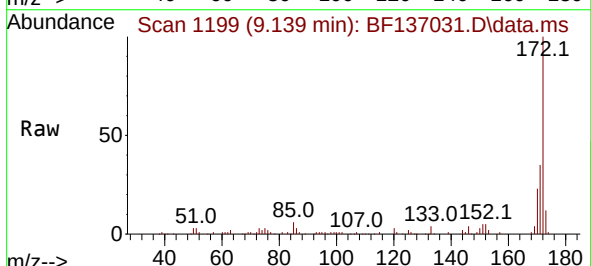
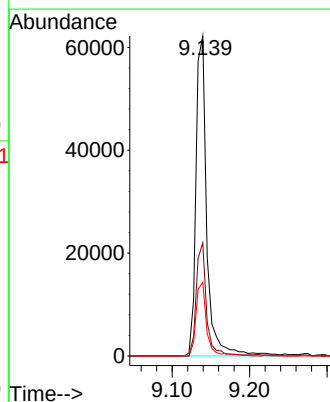
Tgt Ion:172 Resp: 60562

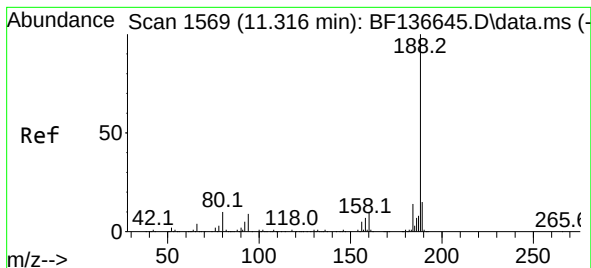
Ion Ratio Lower Upper

172 100

171 35.3 29.0 43.6

170 23.0 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: BF137031.D

Acq: 10 Jan 2024 21:05

Instrument :

BNA_F

ClientSampleId :

EO-01-010824

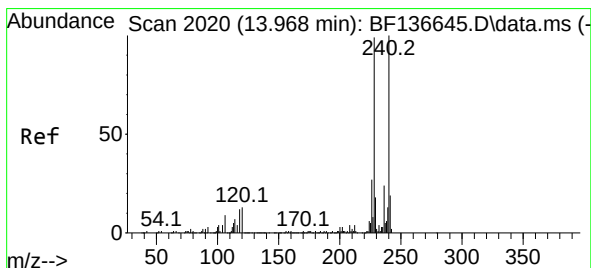
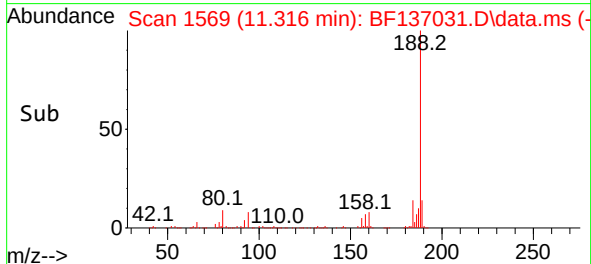
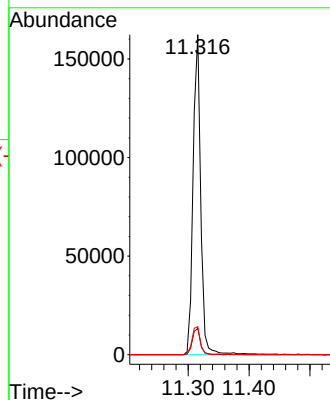
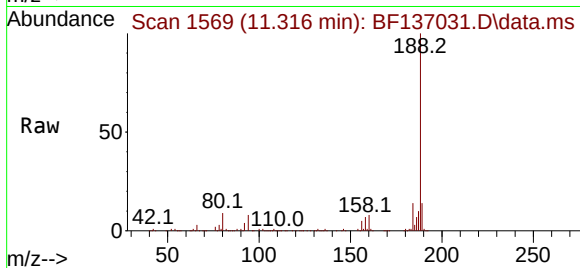
Tgt Ion:188 Resp: 140943

Ion Ratio Lower Upper

188 100

94 8.2 7.5 11.3

80 8.8 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: BF137031.D

Acq: 10 Jan 2024 21:05

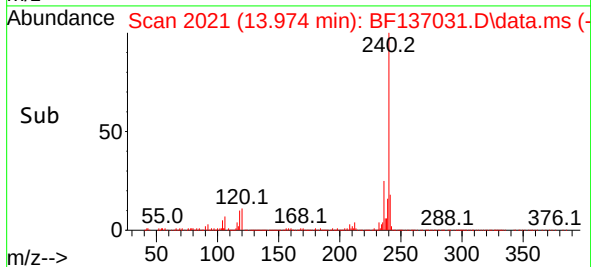
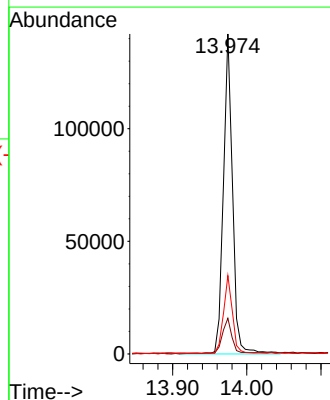
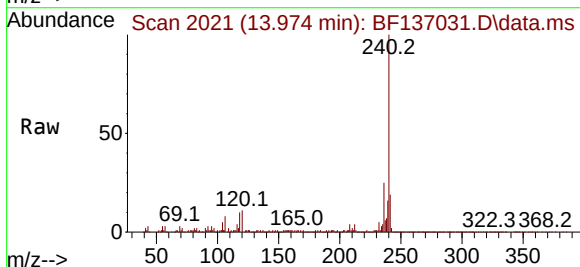
Tgt Ion:240 Resp: 122378

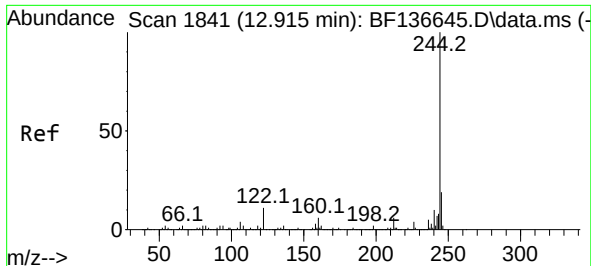
Ion Ratio Lower Upper

240 100

120 11.1 10.3 15.5

236 24.5 19.4 29.2

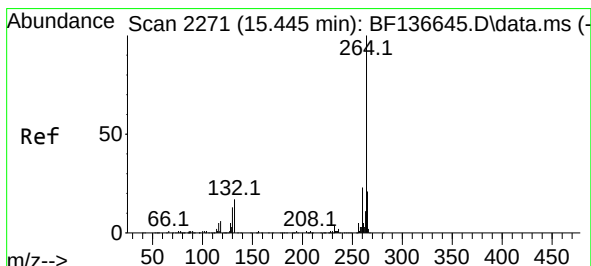
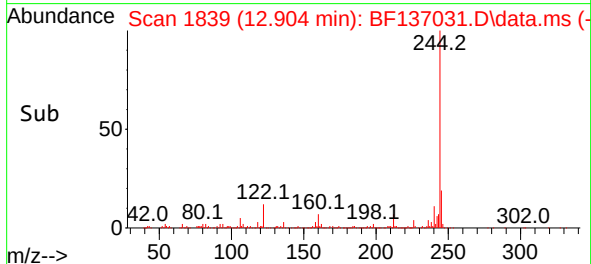
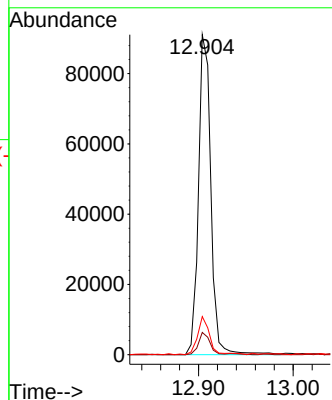
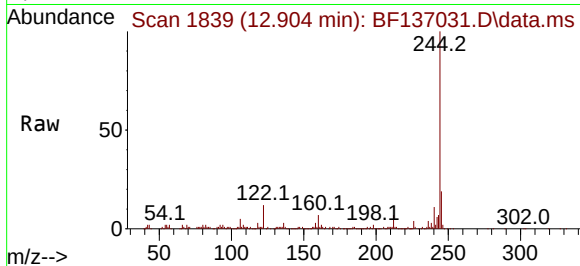




#79
 Terphenyl-d14
 Concen: 9.482 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF137031.D
 Acq: 10 Jan 2024 21:05

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Tgt Ion:244 Resp: 83036
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 11.9 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.024 min
 Lab File: BF137031.D
 Acq: 10 Jan 2024 21:05

Tgt Ion:264 Resp: 91055
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.3 27.5
 265 21.4 17.0 25.6

