

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
 Data File : BF137026.D
 Acq On : 10 Jan 2024 18:27
 Operator : CG\JU
 Sample : P1056-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-311P-0-2

Quant Time: Jan 11 00:02:12 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	6.786	152	50490	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	184129	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	86356	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	138110	20.000	ng	0.00
76) Chrysene-d12	13.968	240	116440	20.000	ng	0.00
86) Perylene-d12	15.462	264	134951	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	354062	109.415	ng	0.01
7) Phenol-d6	6.439	99	364823	87.008	ng	0.00
23) Nitrobenzene-d5	7.345	82	298779	83.033	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	116210	114.264	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	584440	91.026	ng	-0.01
79) Terphenyl-d14	12.910	244	540790	64.904	ng	0.00

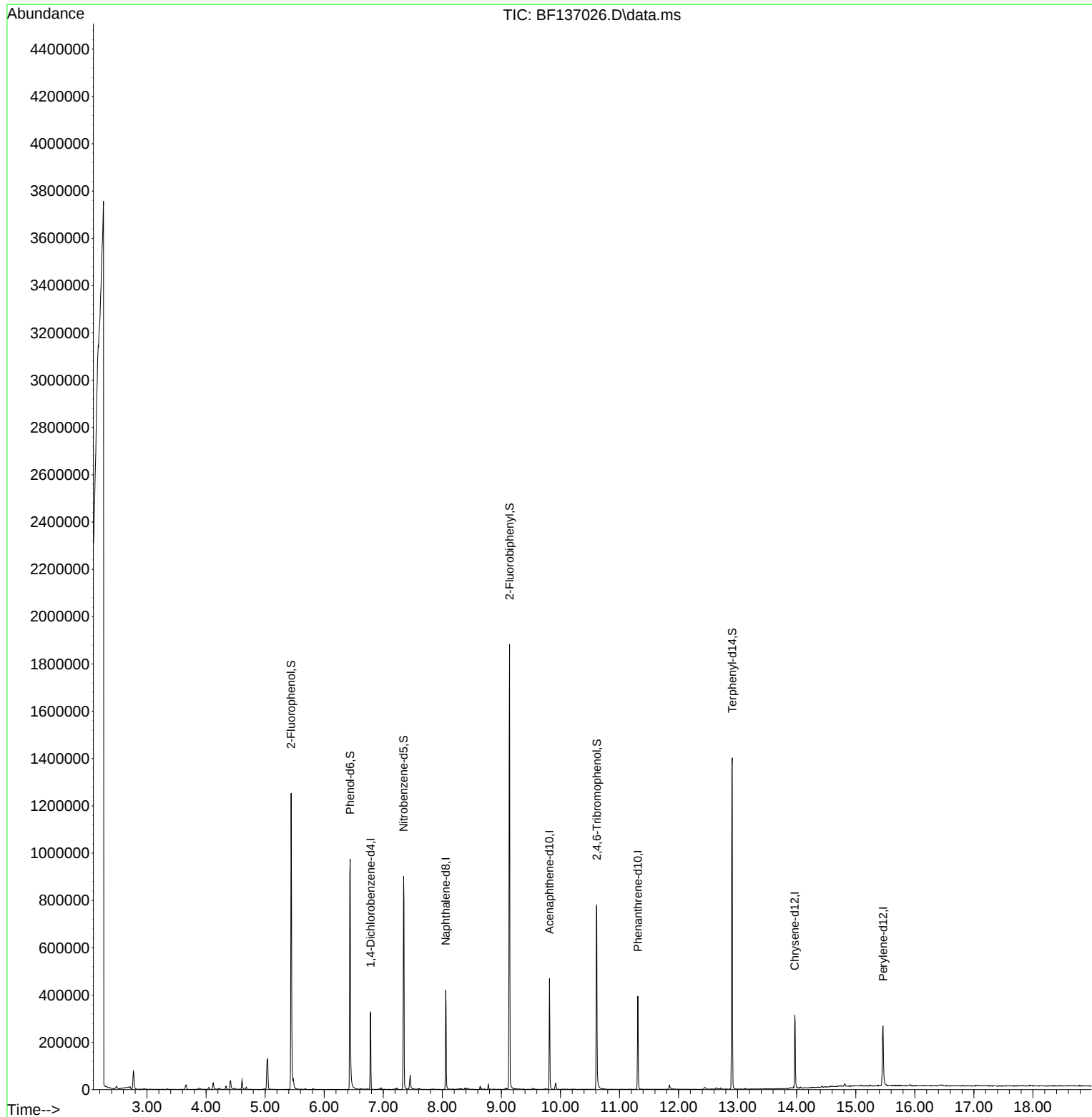
Target Compounds	Qvalue

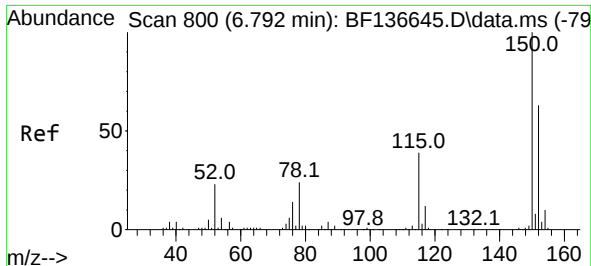
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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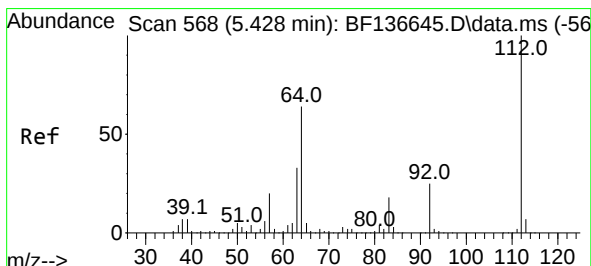
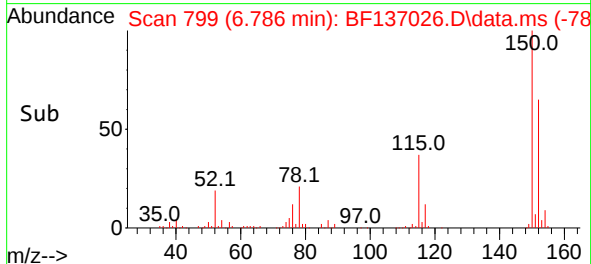
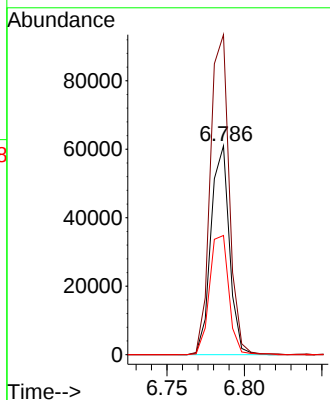
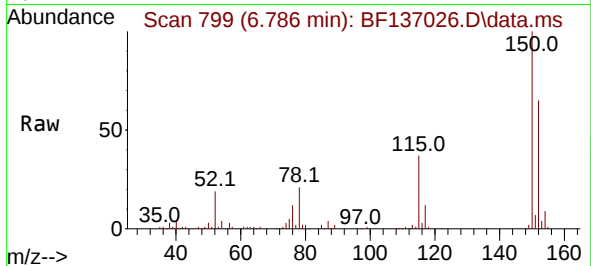




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137026.D
Acq: 10 Jan 2024 18:27

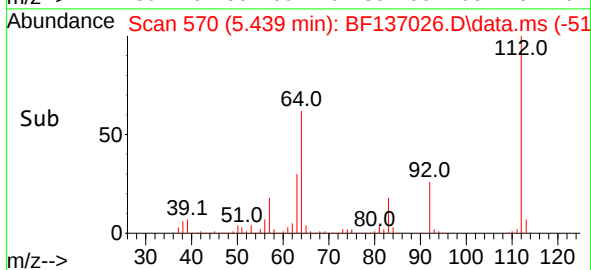
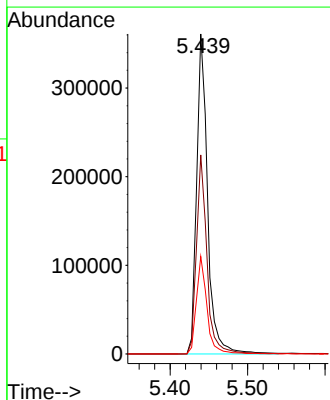
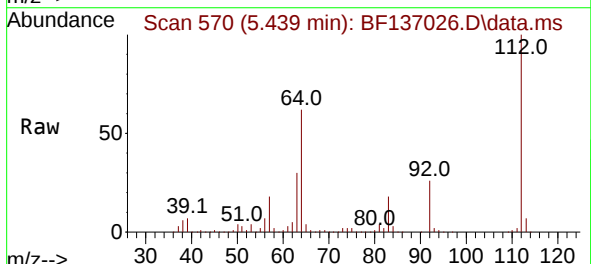
Instrument :
BNA_F
ClientSampleId :
MR-311P-0-2

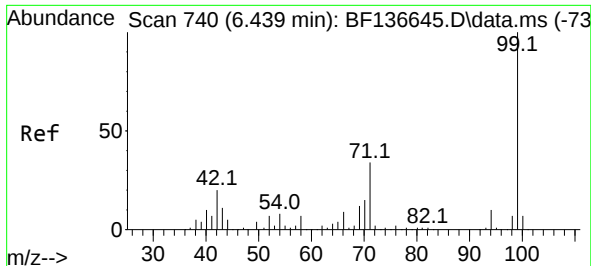
Tgt Ion:152 Resp: 50490
Ion Ratio Lower Upper
152 100
150 153.2 127.0 190.6
115 57.1 49.0 73.4



#5
2-Fluorophenol
Concen: 109.415 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF137026.D
Acq: 10 Jan 2024 18:27

Tgt Ion:112 Resp: 354062
Ion Ratio Lower Upper
112 100
64 62.2 51.1 76.7
63 30.5 26.1 39.1





#7

Phenol-d6

Concen: 87.008 ng

RT: 6.439 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF137026.D

Acq: 10 Jan 2024 18:27

Instrument :

BNA_F

ClientSampleId :

MR-311P-0-2

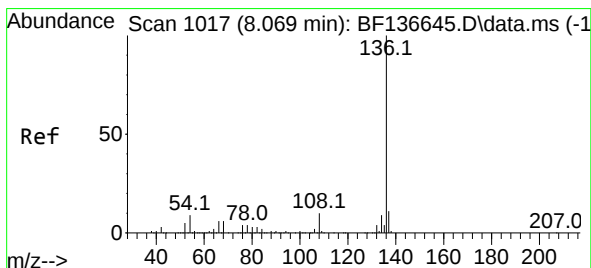
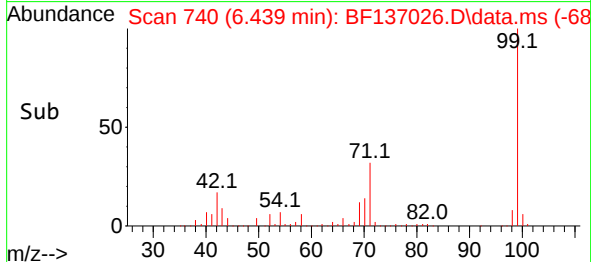
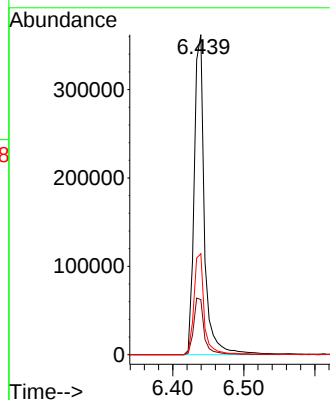
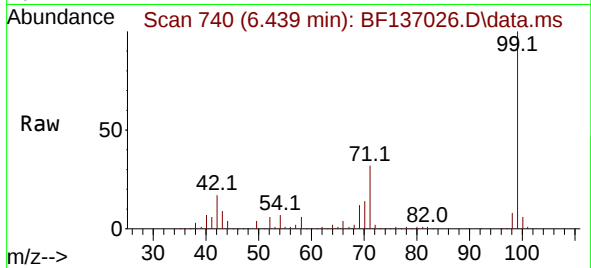
Tgt Ion: 99 Resp: 364823

Ion Ratio Lower Upper

99 100

42 17.2 16.1 24.1

71 31.5 27.4 41.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF137026.D

Acq: 10 Jan 2024 18:27

Tgt Ion: 136 Resp: 184129

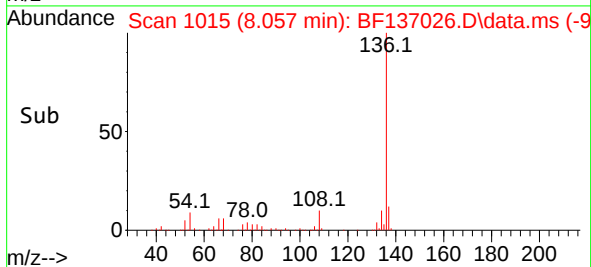
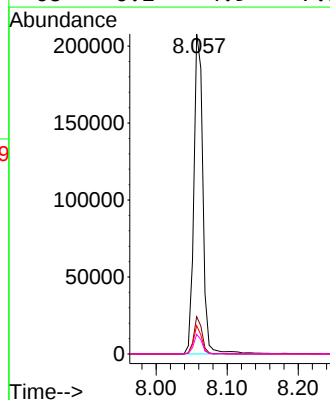
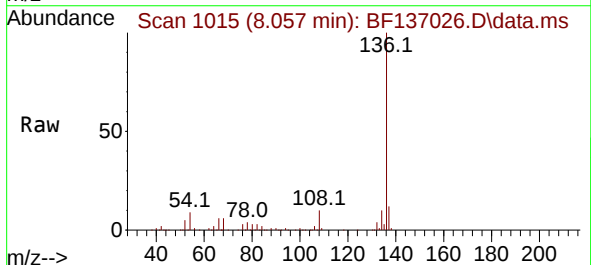
Ion Ratio Lower Upper

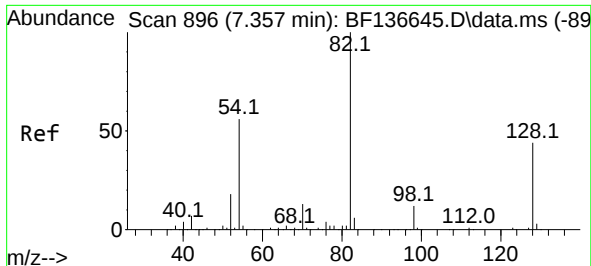
136 100

137 11.7 9.0 13.4

54 8.9 7.2 10.8

68 6.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 83.033 ng

RT: 7.345 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF137026.D

Acq: 10 Jan 2024 18:27

Instrument :

BNA_F

ClientSampleId :

MR-311P-0-2

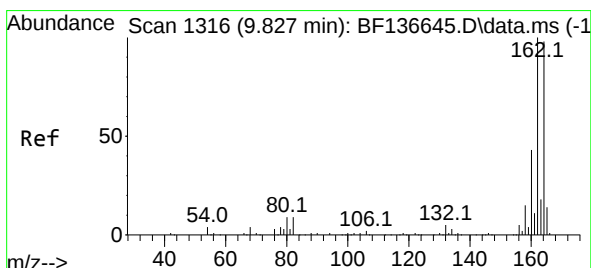
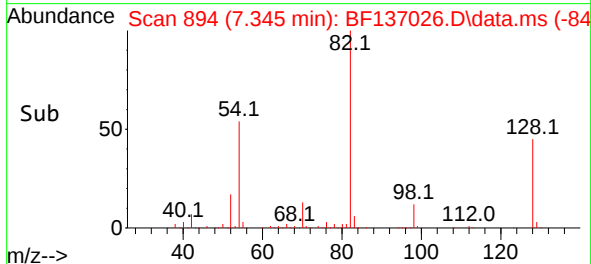
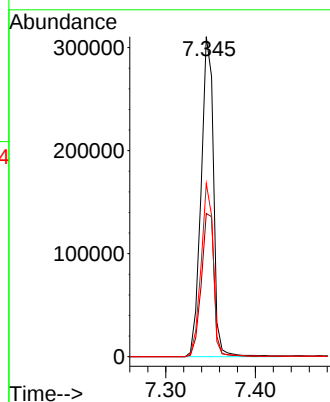
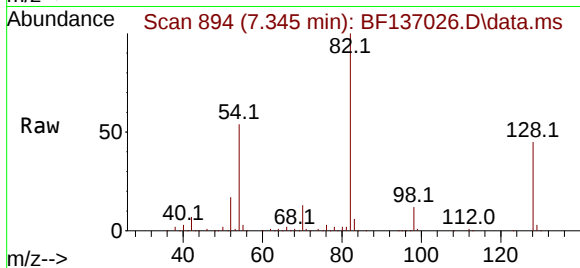
Tgt Ion: 82 Resp: 298779

Ion Ratio Lower Upper

82 100

128 44.8 35.3 52.9

54 54.1 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF137026.D

Acq: 10 Jan 2024 18:27

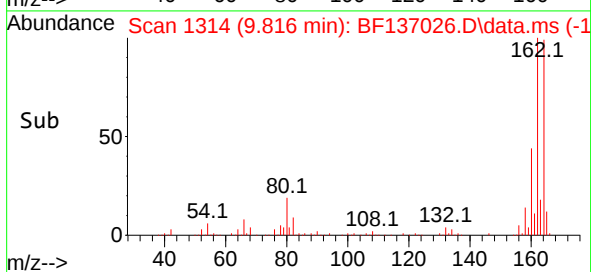
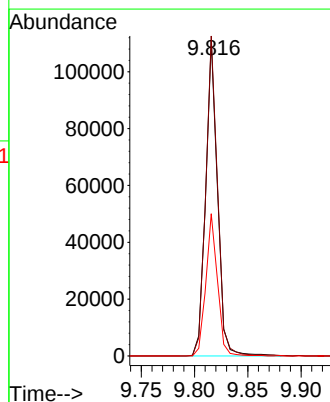
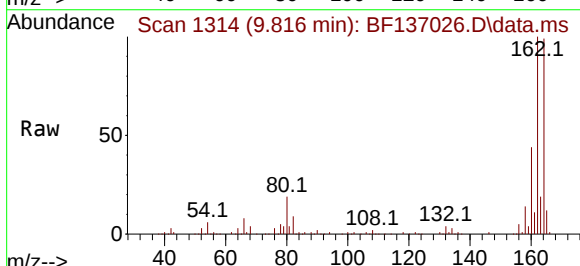
Tgt Ion:164 Resp: 86356

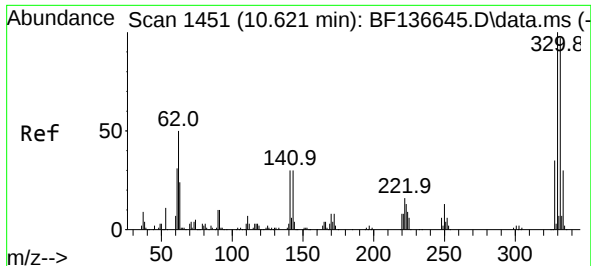
Ion Ratio Lower Upper

164 100

162 101.4 81.6 122.4

160 45.1 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 114.264 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137026.D

Acq: 10 Jan 2024 18:27

Instrument :

BNA_F

ClientSampleId :

MR-311P-0-2

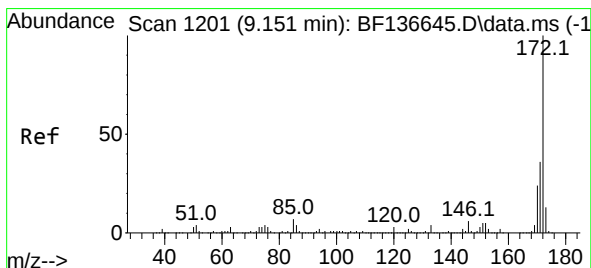
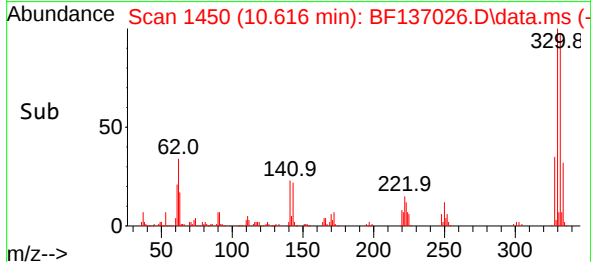
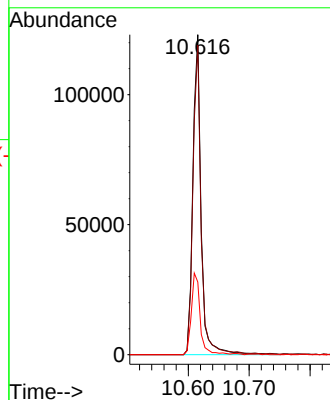
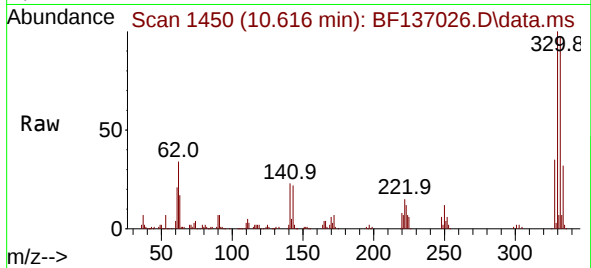
Tgt Ion:330 Resp: 116210

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.0

141 27.1 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 91.026 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF137026.D

Acq: 10 Jan 2024 18:27

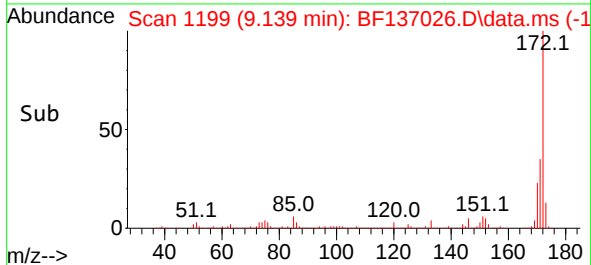
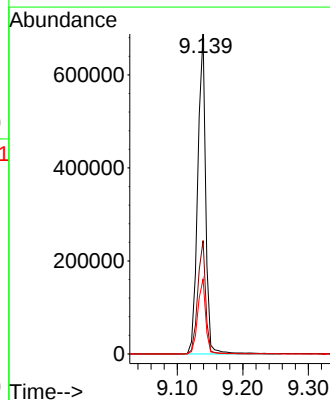
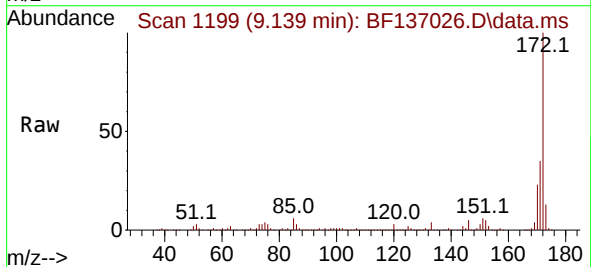
Tgt Ion:172 Resp: 584440

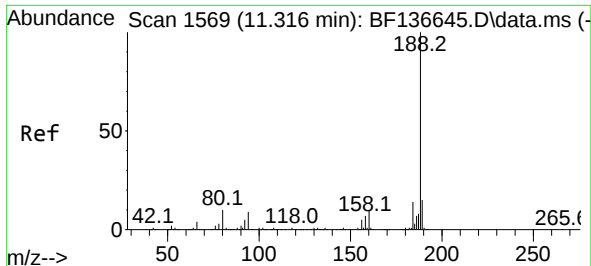
Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.6

170 23.4 19.0 28.4

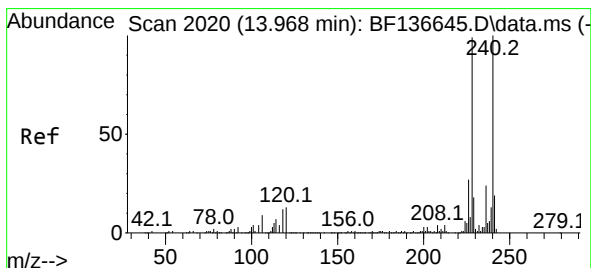
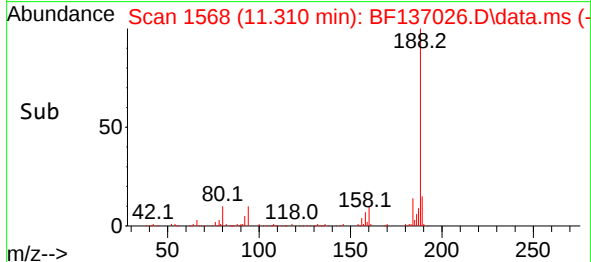
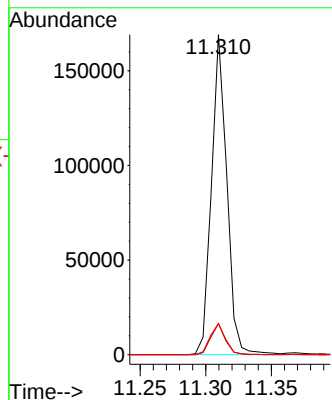
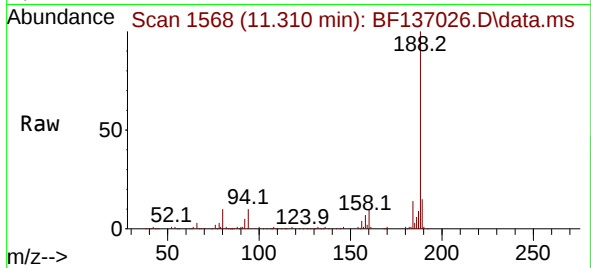




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137026.D
Acq: 10 Jan 2024 18:27

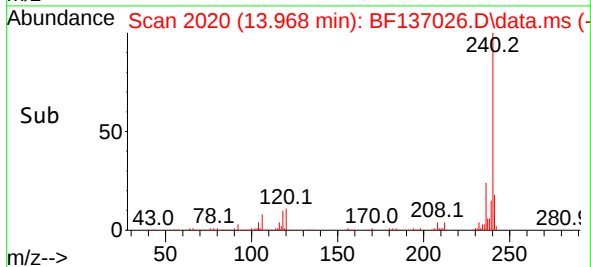
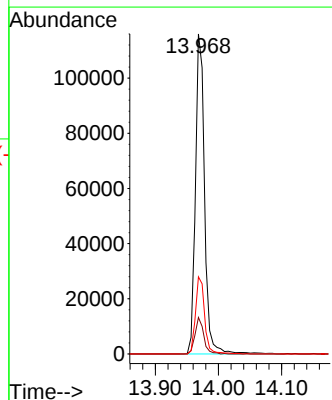
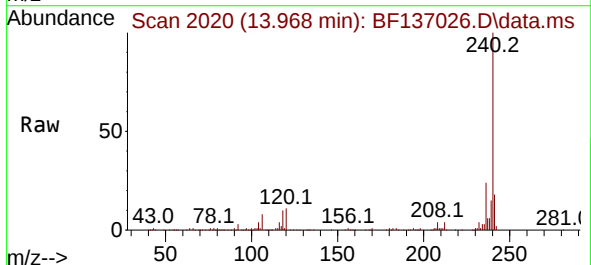
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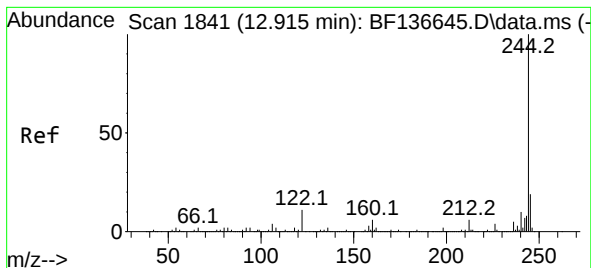
Tgt Ion:188 Resp: 138110
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 9.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF137026.D
Acq: 10 Jan 2024 18:27

Tgt Ion:240 Resp: 116440
Ion Ratio Lower Upper
240 100
120 11.4 10.3 15.5
236 24.1 19.4 29.2





#79

Terphenyl-d14

Concen: 64.904 ng

RT: 12.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137026.D

Acq: 10 Jan 2024 18:27

Instrument :

BNA_F

ClientSampleId :

MR-311P-0-2

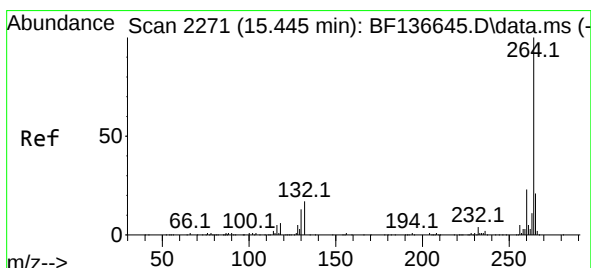
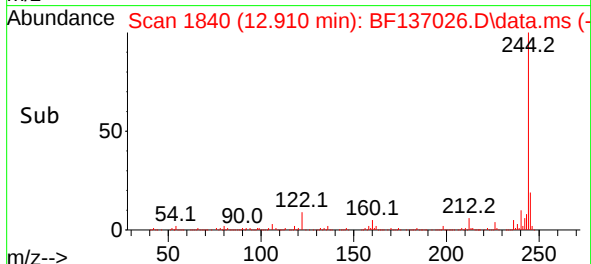
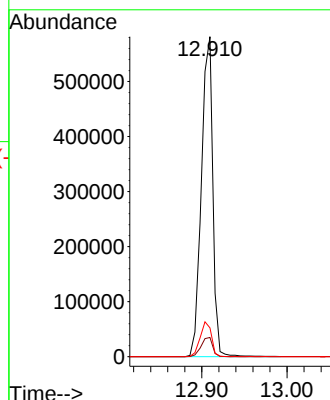
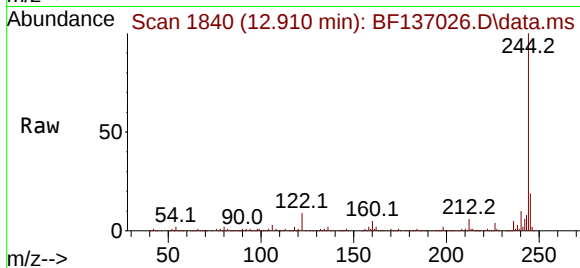
Tgt Ion:244 Resp: 540790

Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 9.0 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. 0.018 min

Lab File: BF137026.D

Acq: 10 Jan 2024 18:27

Tgt Ion:264 Resp: 134951

Ion Ratio Lower Upper

264 100

260 22.3 18.3 27.5

265 20.6 17.0 25.6

