

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
 Data File : BF137254.D
 Acq On : 02 Feb 2024 14:48
 Operator : CG\JU
 Sample : P1337-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Feb 02 15:12:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	54450	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	213885	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	118289	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	199838	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	144007	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	91485	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	431985	130.911	ng	0.01
7) Phenol-d6	6.422	99	561711	119.280	ng	0.00
23) Nitrobenzene-d5	7.351	82	377117	78.940	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	150147	112.394	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	696195	80.907	ng	0.00
79) Terphenyl-d14	12.916	244	669922	63.242	ng	0.00

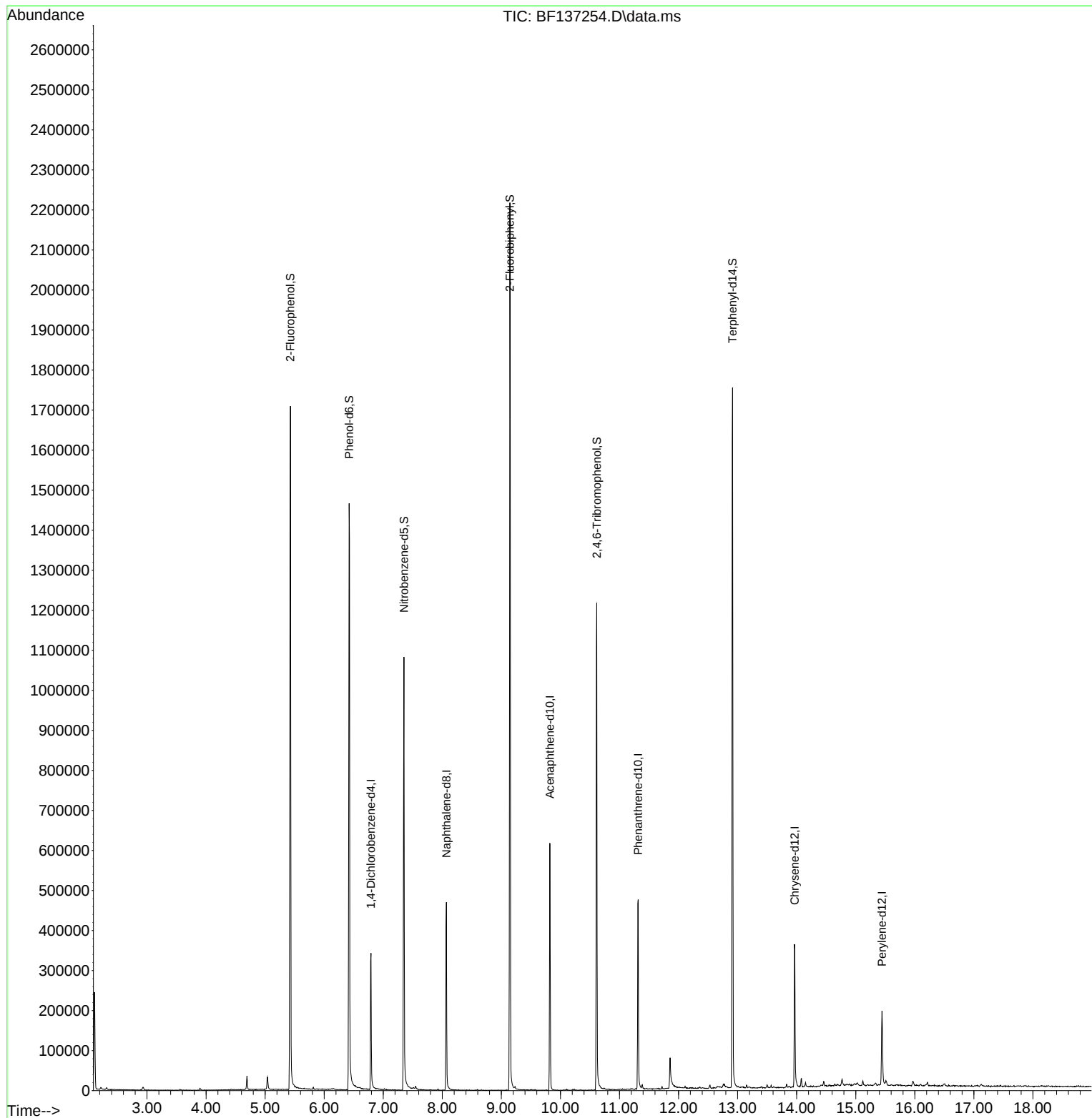
Target Compounds	Qvalue

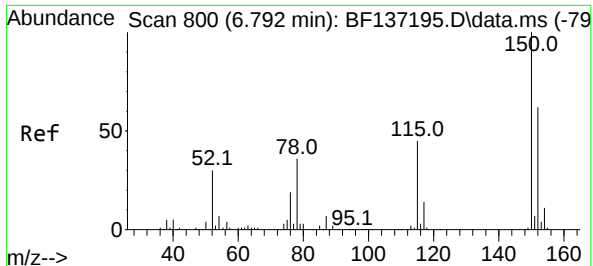
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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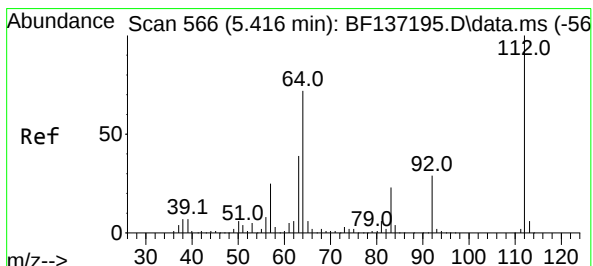
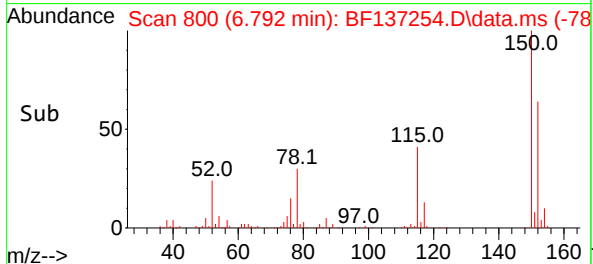
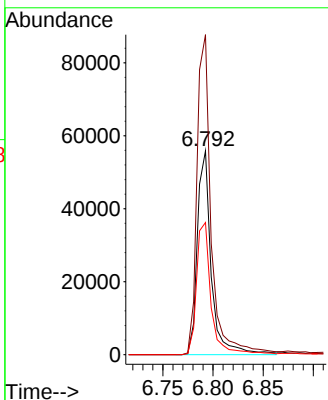
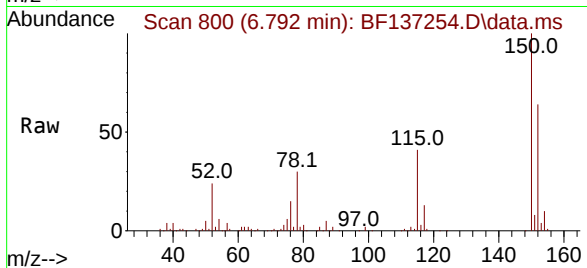




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137254.D
Acq: 02 Feb 2024 14:48

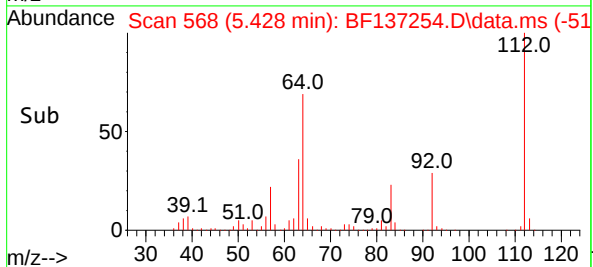
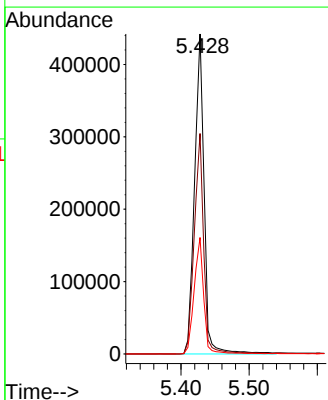
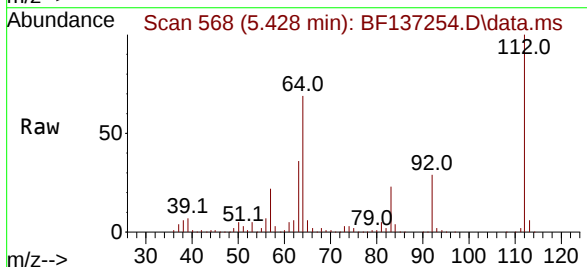
Instrument :
BNA_F
ClientSampleId :
TP-1

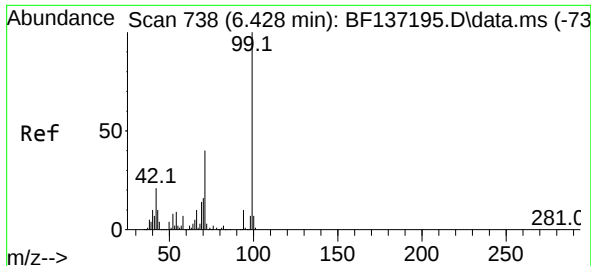
Tgt Ion:152 Resp: 54450
Ion Ratio Lower Upper
152 100
150 157.0 129.8 194.8
115 64.8 58.5 87.7



#5
2-Fluorophenol
Concen: 130.911 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.012 min
Lab File: BF137254.D
Acq: 02 Feb 2024 14:48

Tgt Ion:112 Resp: 431985
Ion Ratio Lower Upper
112 100
64 68.9 57.8 86.6
63 36.4 31.4 47.0

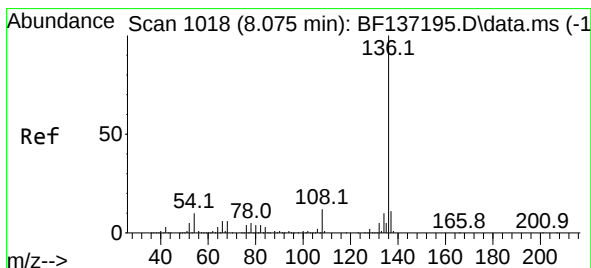
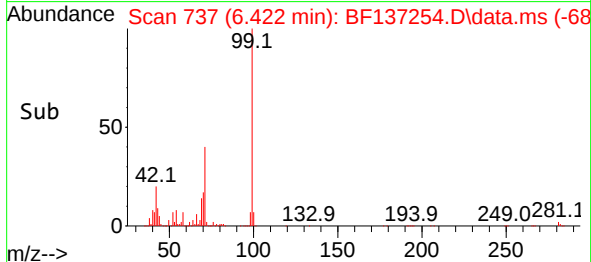
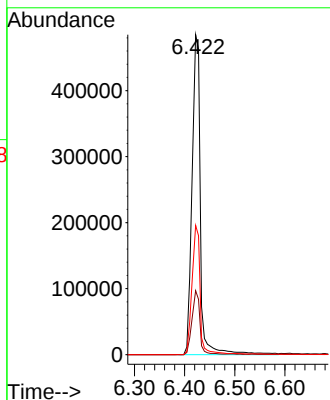
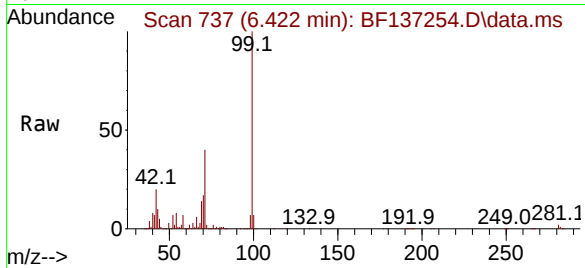




#7
Phenol-d6
Concen: 119.280 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137254.D
Acq: 02 Feb 2024 14:48

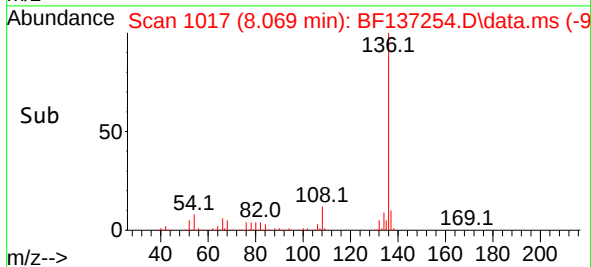
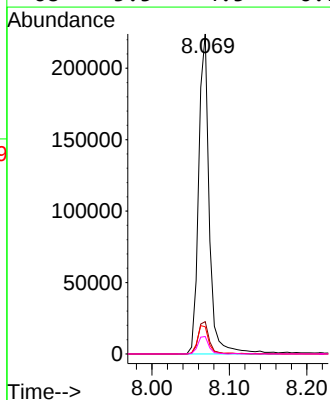
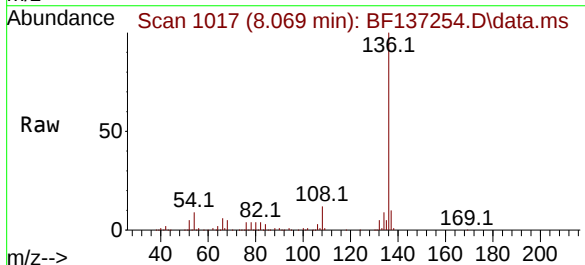
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 561711
Ion Ratio Lower Upper
99 100
42 20.0 16.4 24.6
71 40.4 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137254.D
Acq: 02 Feb 2024 14:48

Tgt Ion: 136 Resp: 213885
Ion Ratio Lower Upper
136 100
137 10.1 8.9 13.3
54 8.5 7.8 11.8
68 5.5 4.5 6.7





#23

Nitrobenzene-d5

Concen: 78.940 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF137254.D

Acq: 02 Feb 2024 14:48

Instrument :

BNA_F

ClientSampleId :

TP-1

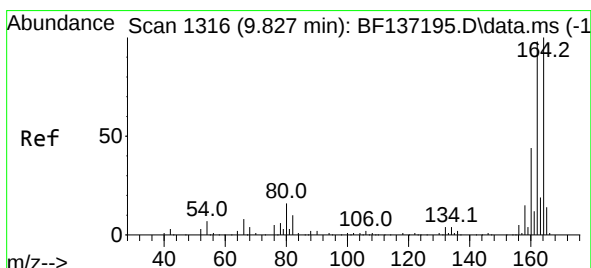
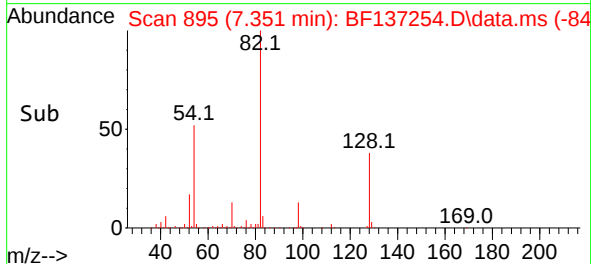
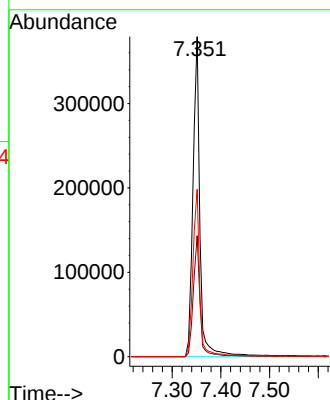
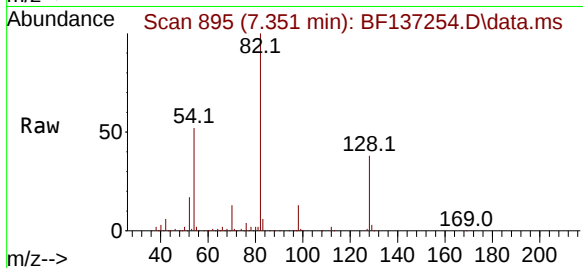
Tgt Ion: 82 Resp: 377117

Ion Ratio Lower Upper

82 100

128 37.8 29.1 43.7

54 52.3 45.0 67.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.005 min

Lab File: BF137254.D

Acq: 02 Feb 2024 14:48

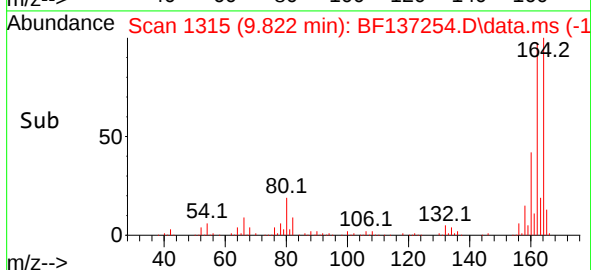
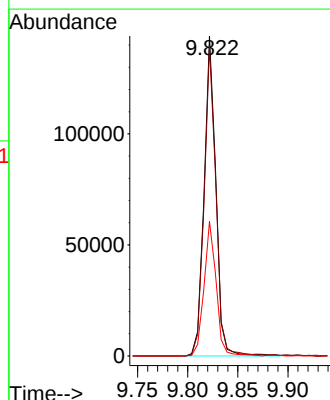
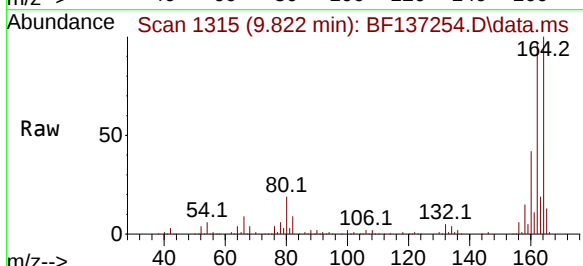
Tgt Ion:164 Resp: 118289

Ion Ratio Lower Upper

164 100

162 96.8 78.3 117.5

160 42.1 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 112.394 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF137254.D

Acq: 02 Feb 2024 14:48

Instrument :

BNA_F

ClientSampleId :

TP-1

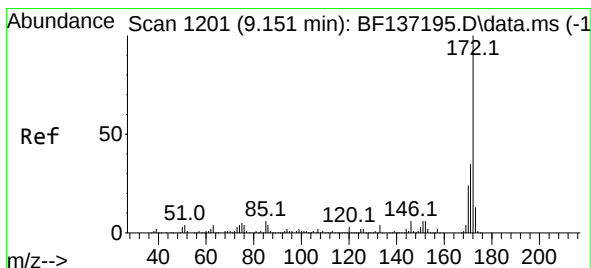
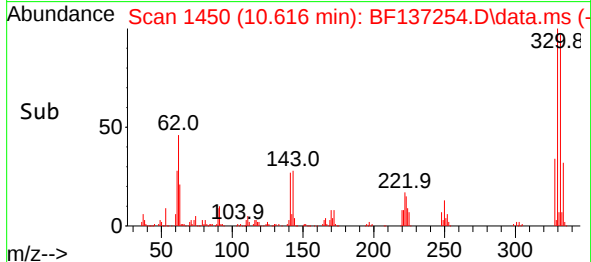
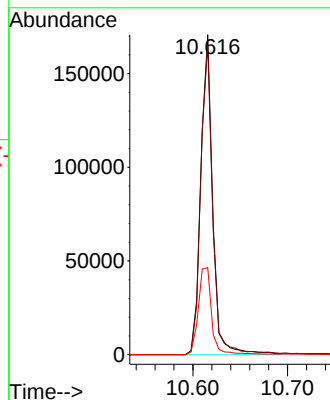
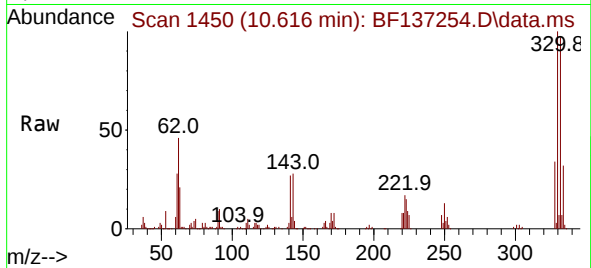
Tgt Ion:330 Resp: 150147

Ion Ratio Lower Upper

330 100

332 98.2 77.3 115.9

141 30.7 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 80.907 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137254.D

Acq: 02 Feb 2024 14:48

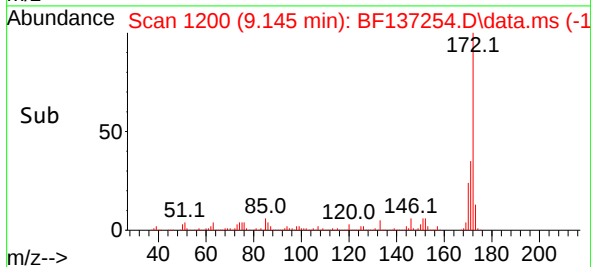
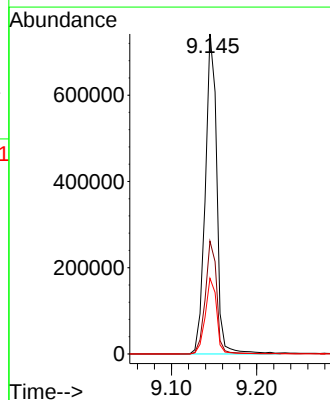
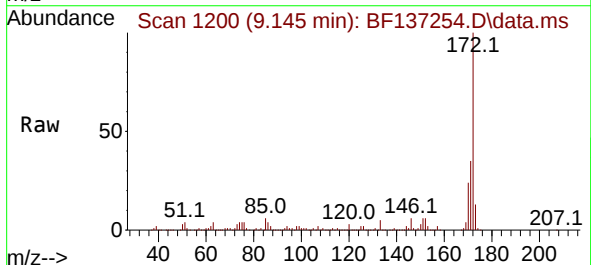
Tgt Ion:172 Resp: 696195

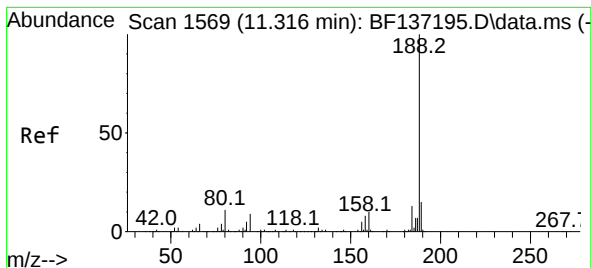
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.7 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137254.D

Acq: 02 Feb 2024 14:48

Instrument :

BNA_F

ClientSampleId :

TP-1

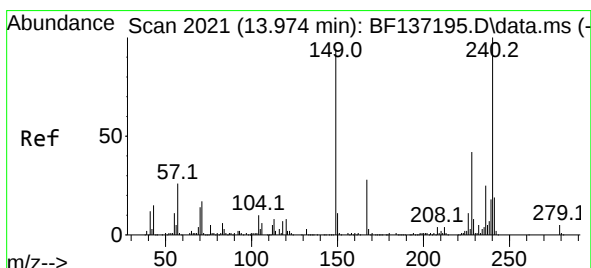
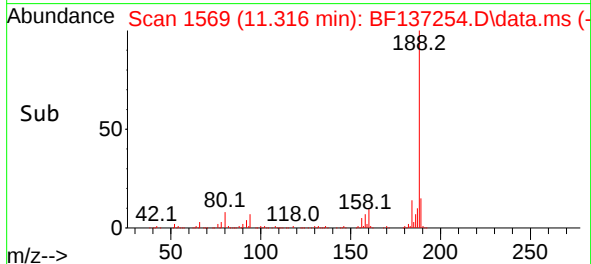
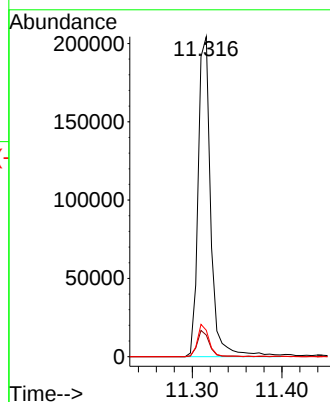
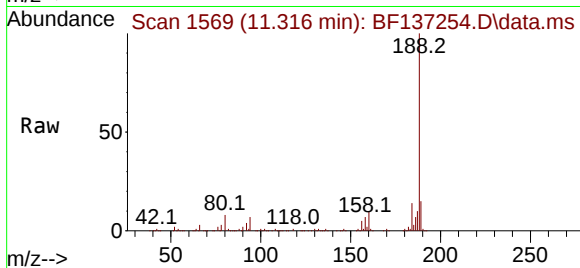
Tgt Ion:188 Resp: 199838

Ion Ratio Lower Upper

188 100

94 6.8 7.0 10.4#

80 8.2 8.8 13.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF137254.D

Acq: 02 Feb 2024 14:48

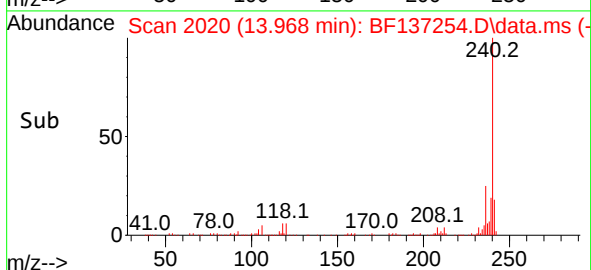
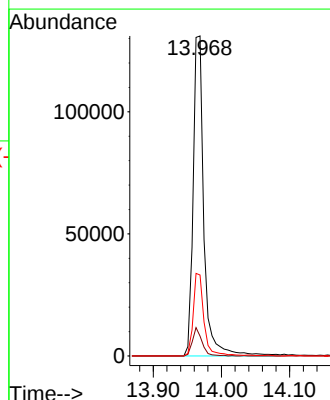
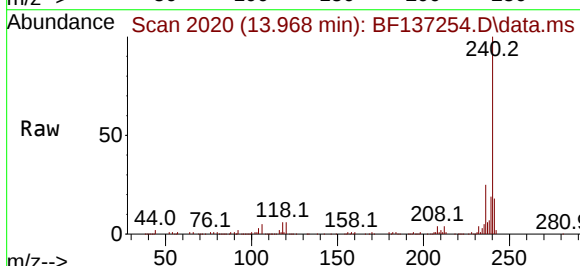
Tgt Ion:240 Resp: 144007

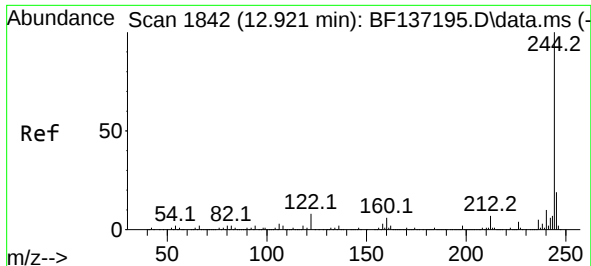
Ion Ratio Lower Upper

240 100

120 6.2 6.3 9.5#

236 25.3 20.3 30.5





#79

Terphenyl-d14

Concen: 63.242 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF137254.D

Acq: 02 Feb 2024 14:48

Instrument :

BNA_F

ClientSampleId :

TP-1

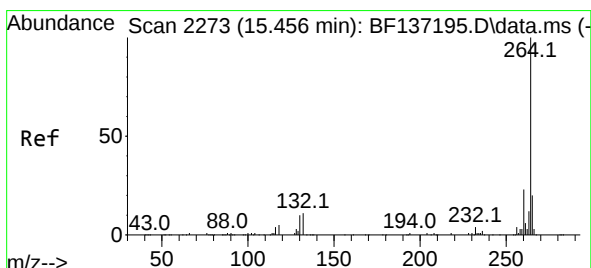
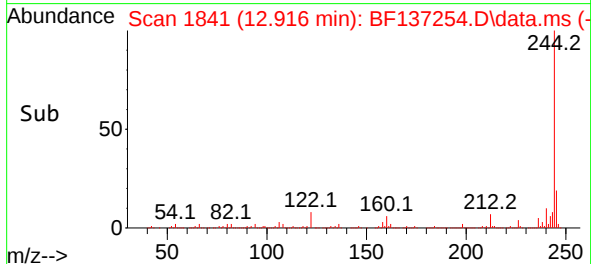
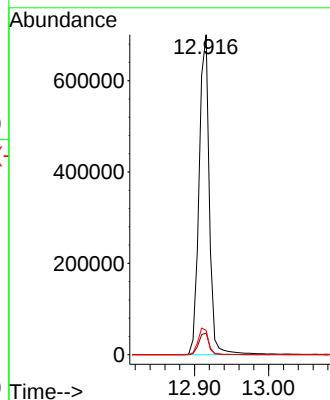
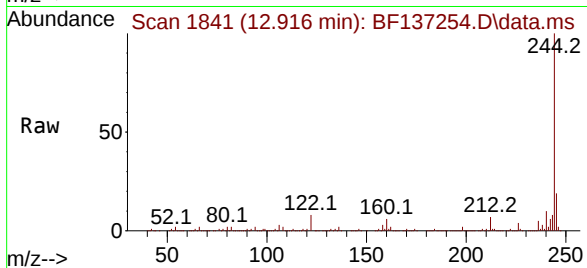
Tgt Ion:244 Resp: 669922

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 7.6 6.2 9.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF137254.D

Acq: 02 Feb 2024 14:48

Tgt Ion:264 Resp: 91485

Ion Ratio Lower Upper

264 100

260 22.5 18.2 27.4

265 20.3 16.2 24.2

