

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
 Data File : BF137251.D
 Acq On : 02 Feb 2024 11:46
 Operator : CG\JU
 Sample : P1311-08RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4RE

Quant Time: Feb 02 12:15:20 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	6.793	152	54005	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	196166	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	35636	20.000	ng	# 0.00
64) Phenanthrene-d10	11.310	188	106164	20.000	ng	0.00
76) Chrysene-d12	13.963	240	45583	20.000	ng	#-0.01
86) Perylene-d12	15.439	264	1562	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	428034	130.782	ng	0.02
7) Phenol-d6	6.422	99	210336	45.033	ng	0.00
23) Nitrobenzene-d5	7.351	82	406462	92.768	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	159569	396.488	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	736776	284.214	ng	0.00
79) Terphenyl-d14	12.910	244	467900	139.544	ng	-0.01

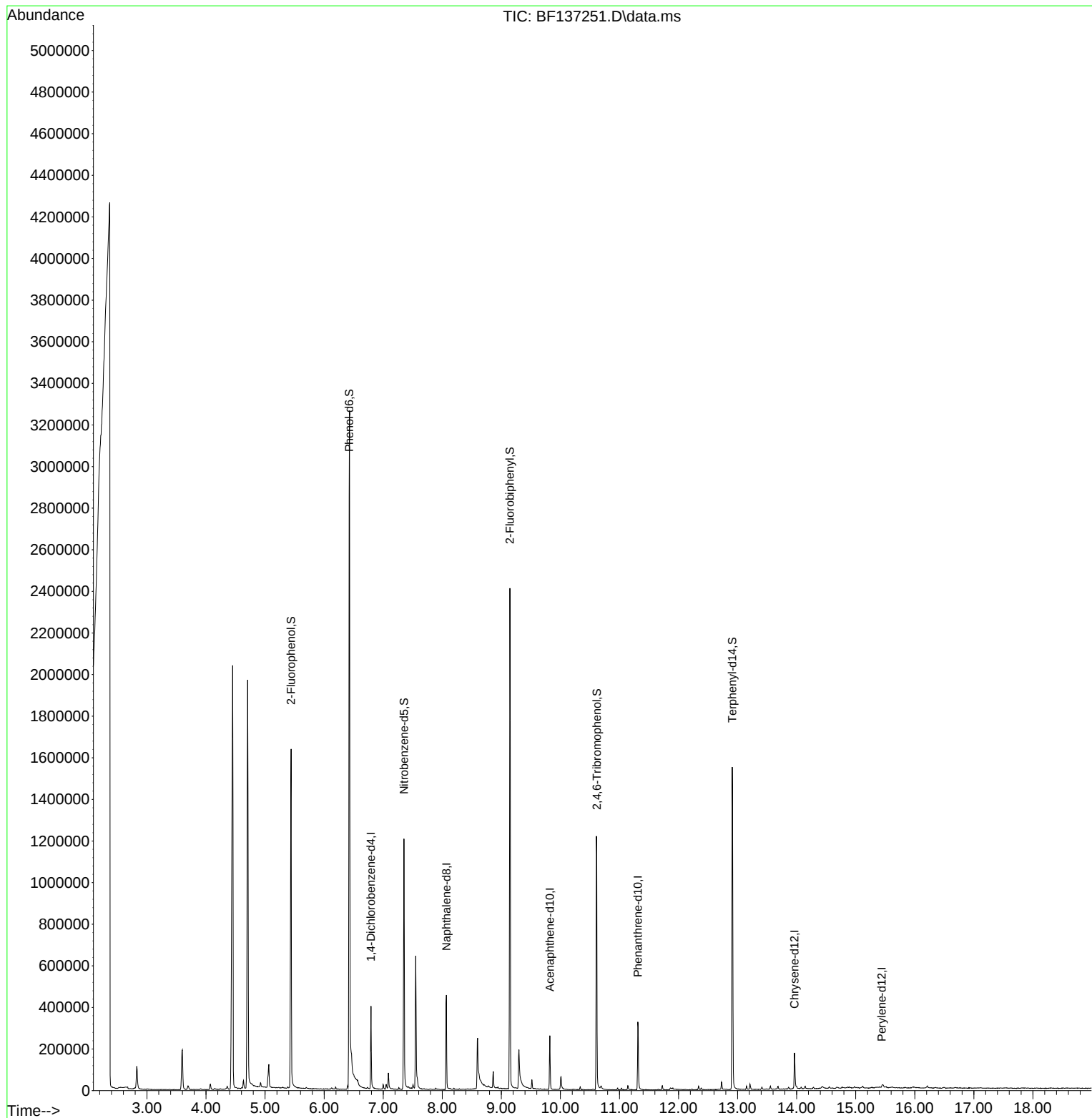
Target Compounds	Qvalue

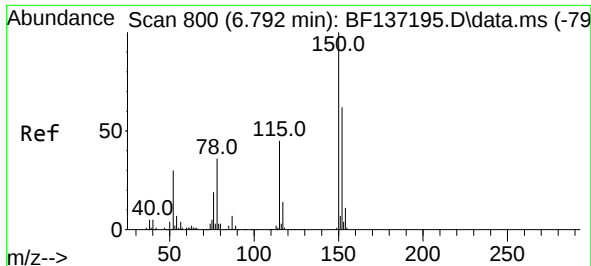
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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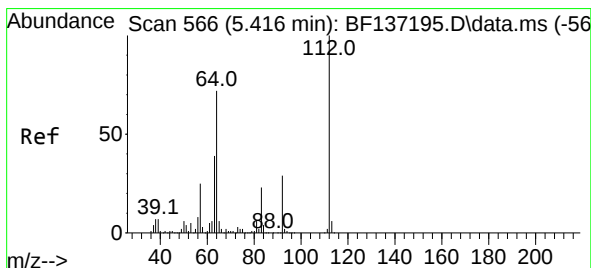
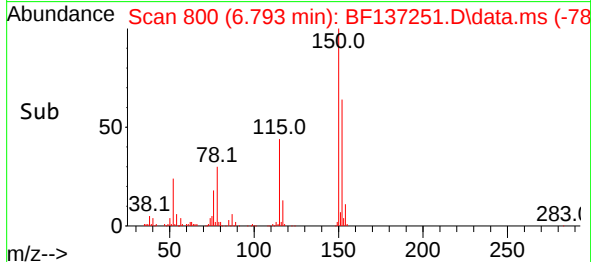
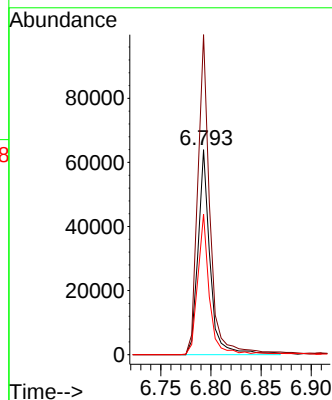
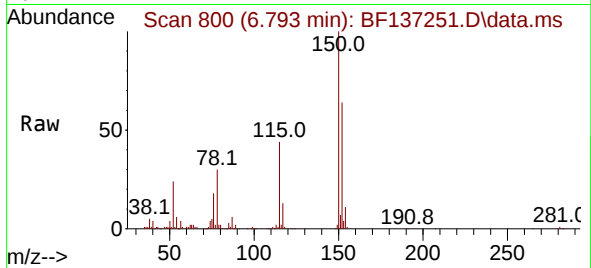




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 800
 Delta R.T. 0.001 min
 Lab File: BF137251.D
 Acq: 02 Feb 2024 11:46

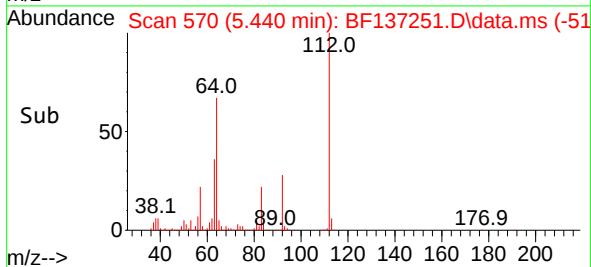
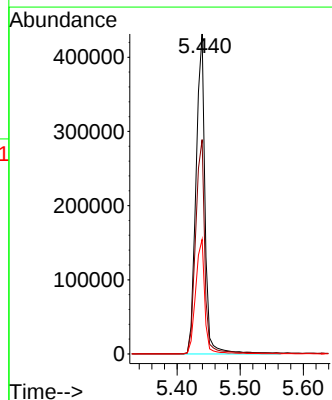
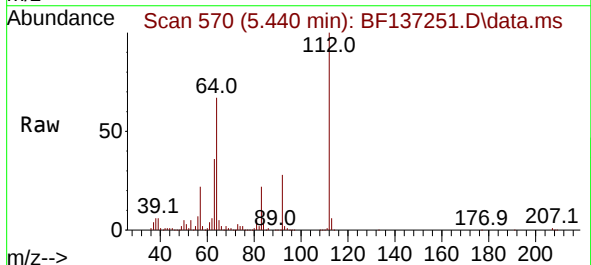
Instrument :
 BNA_F
 ClientSampleId :
 TP-4RE

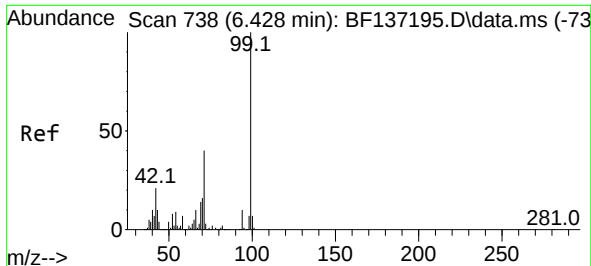
Tgt Ion:152 Resp: 54005
 Ion Ratio Lower Upper
 152 100
 150 156.1 129.8 194.8
 115 68.6 58.5 87.7



#5
 2-Fluorophenol
 Concen: 130.782 ng
 RT: 5.440 min Scan# 570
 Delta R.T. 0.024 min
 Lab File: BF137251.D
 Acq: 02 Feb 2024 11:46

Tgt Ion:112 Resp: 428034
 Ion Ratio Lower Upper
 112 100
 64 67.0 57.8 86.6
 63 35.8 31.4 47.0

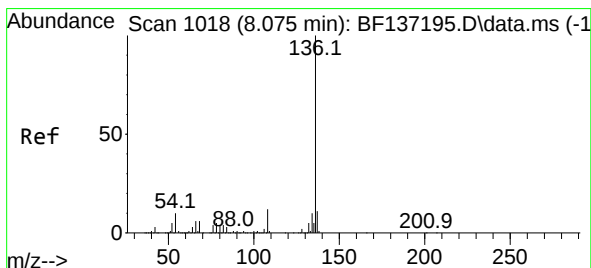
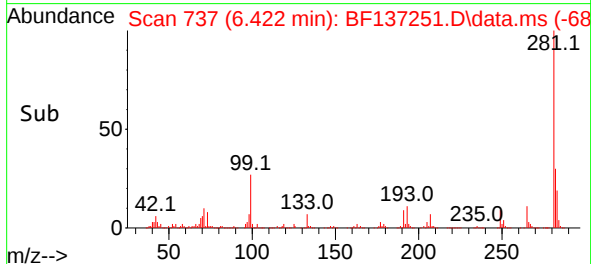
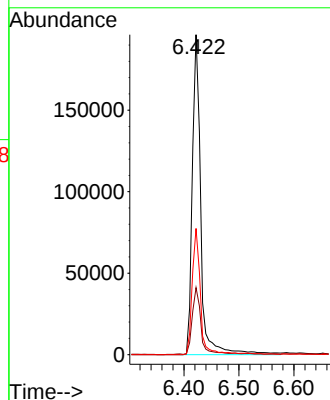
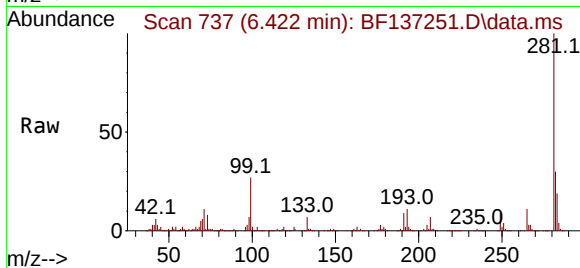




#7
Phenol-d6
Concen: 45.033 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137251.D
Acq: 02 Feb 2024 11:46

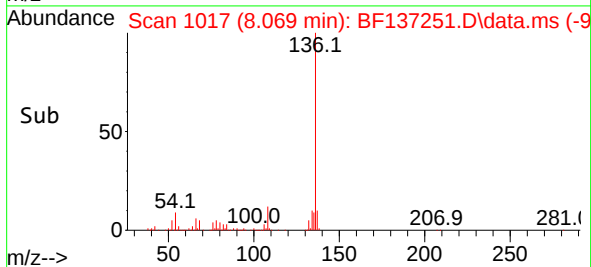
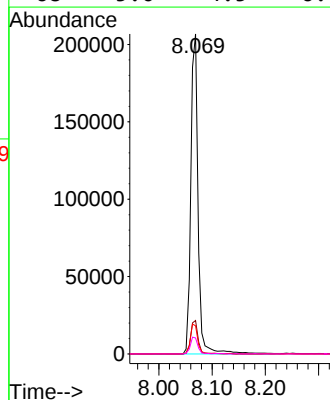
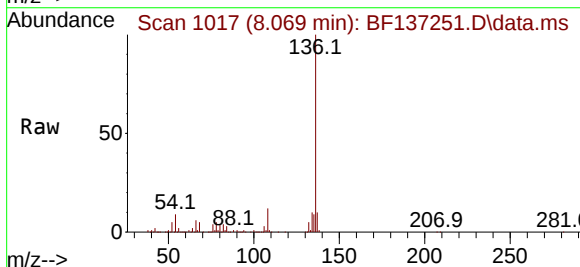
Instrument :
BNA_F
ClientSampleId :
TP-4RE

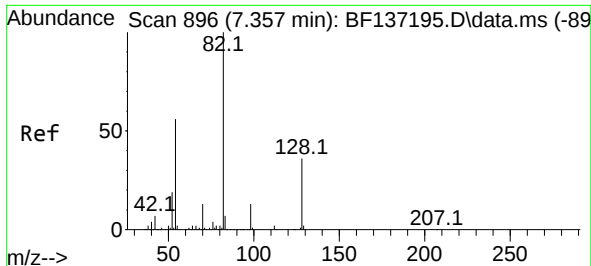
Tgt Ion: 99 Resp: 210336
Ion Ratio Lower Upper
99 100
42 20.9 16.4 24.6
71 39.4 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137251.D
Acq: 02 Feb 2024 11:46

Tgt Ion:136 Resp: 196166
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 8.8 7.8 11.8
68 5.0 4.5 6.7

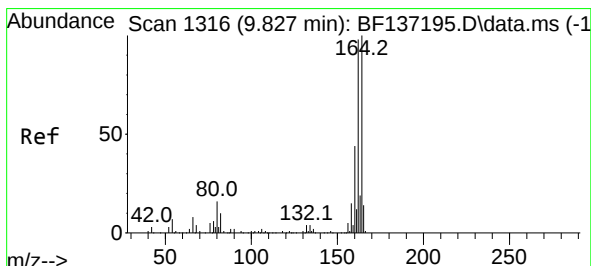
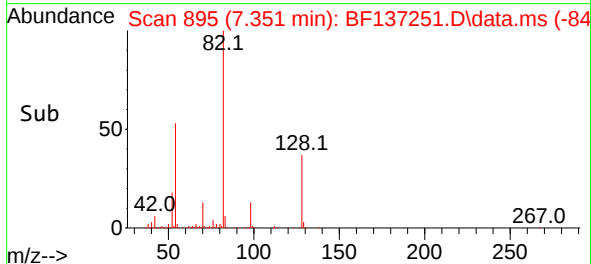
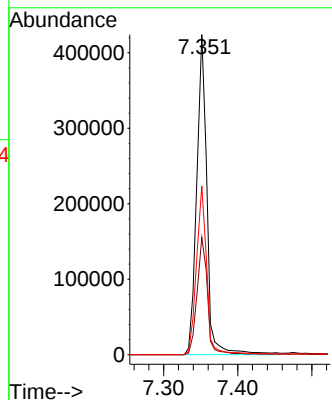
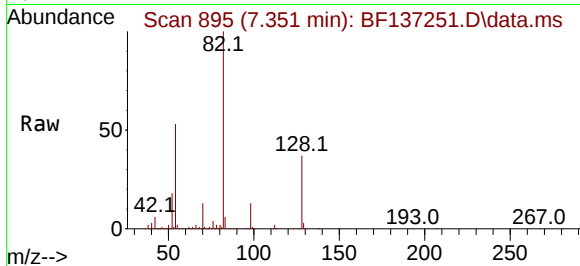




#23
Nitrobenzene-d5
Concen: 92.768 ng
RT: 7.351 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF137251.D
Acq: 02 Feb 2024 11:46

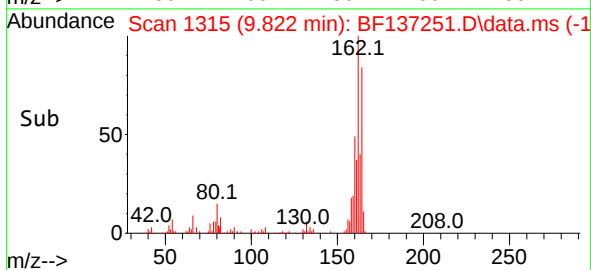
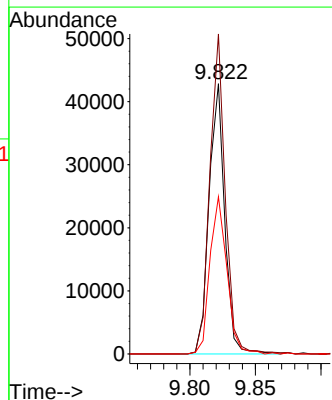
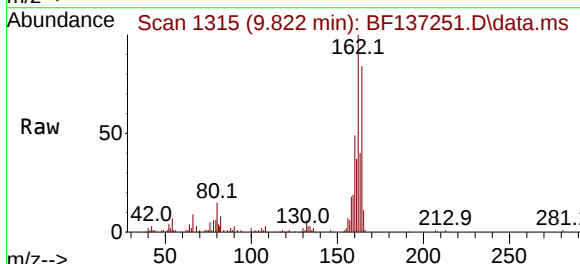
Instrument :
BNA_F
ClientSampleId :
TP-4RE

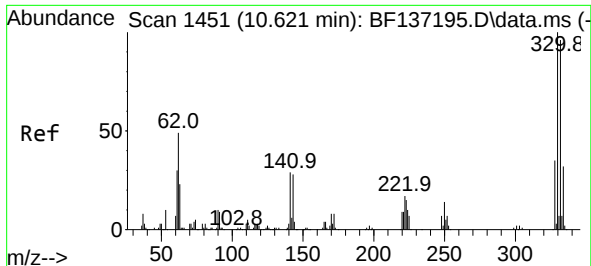
Tgt Ion: 82 Resp: 406462
Ion Ratio Lower Upper
82 100
128 36.6 29.1 43.7
54 52.7 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137251.D
Acq: 02 Feb 2024 11:46

Tgt Ion:164 Resp: 35636
Ion Ratio Lower Upper
164 100
162 118.4 78.3 117.5#
160 58.2 35.4 53.2#





#42

2,4,6-Tribromophenol

Concen: 396.488 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF137251.D

Acq: 02 Feb 2024 11:46

Instrument :

BNA_F

ClientSampleId :

TP-4RE

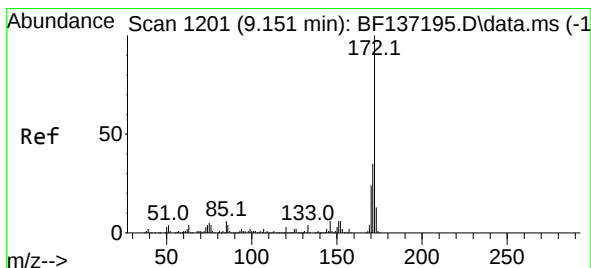
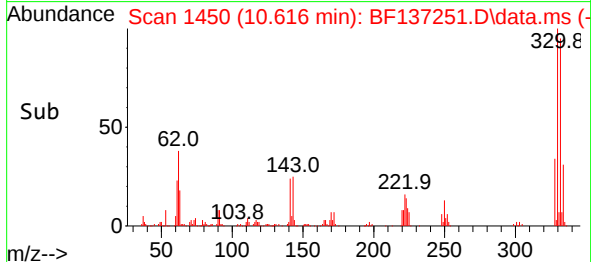
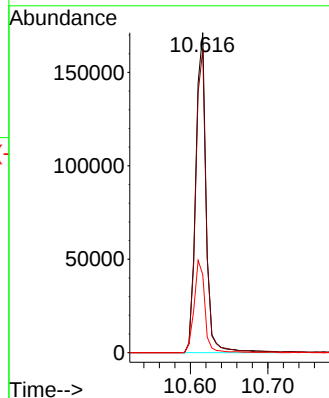
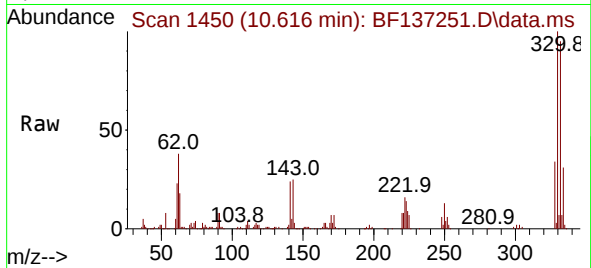
Tgt Ion:330 Resp: 159569

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

141 29.7 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 284.214 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137251.D

Acq: 02 Feb 2024 11:46

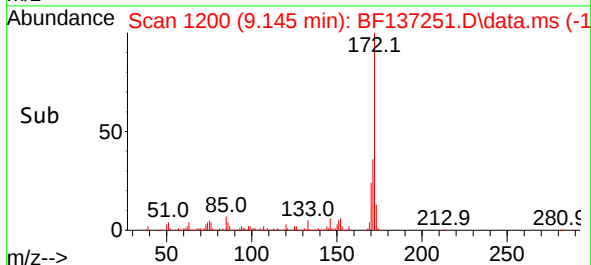
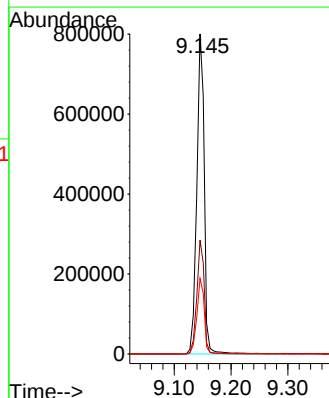
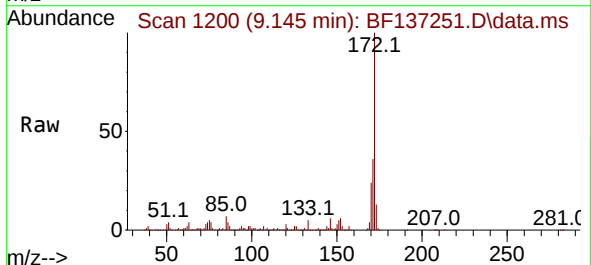
Tgt Ion:172 Resp: 736776

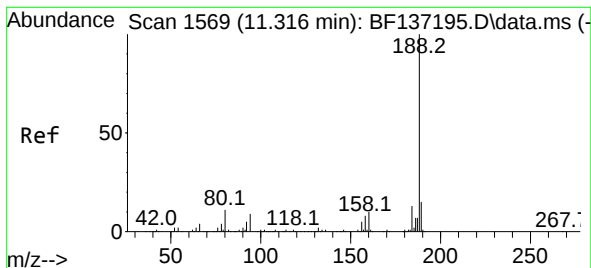
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.6 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137251.D

Acq: 02 Feb 2024 11:46

Instrument :

BNA_F

ClientSampleId :

TP-4RE

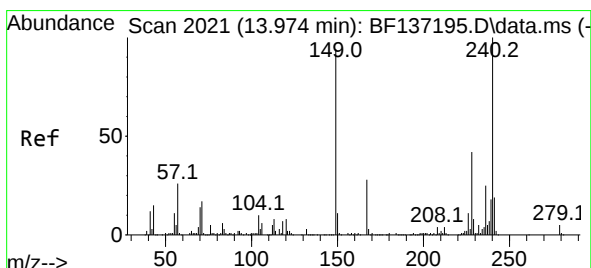
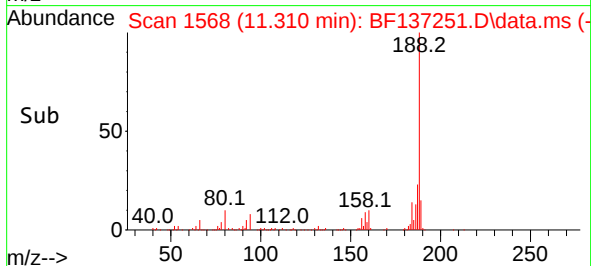
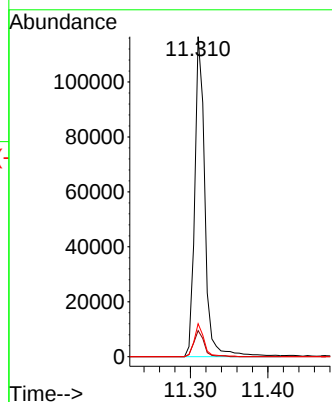
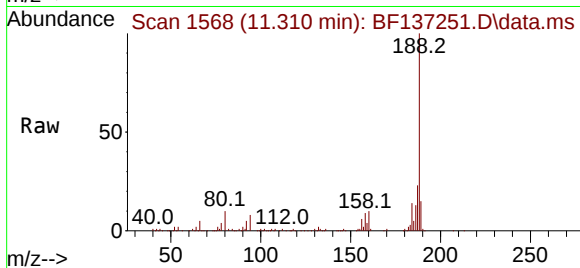
Tgt Ion:188 Resp: 106164

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.4

80 10.3 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF137251.D

Acq: 02 Feb 2024 11:46

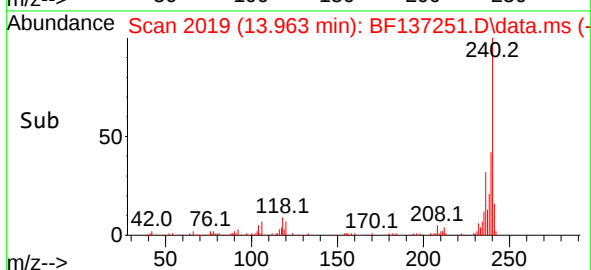
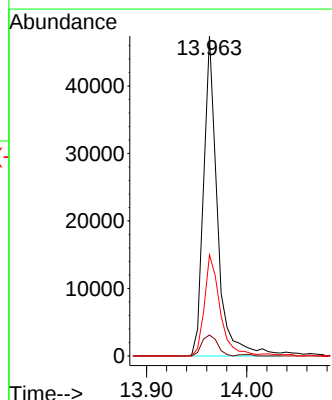
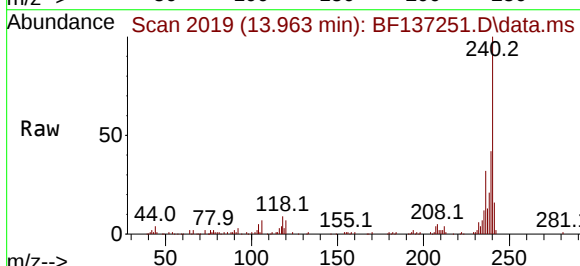
Tgt Ion:240 Resp: 45583

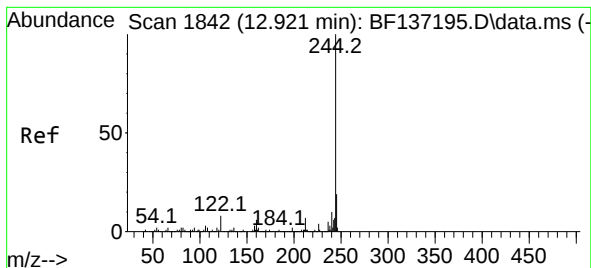
Ion Ratio Lower Upper

240 100

120 6.6 6.3 9.5

236 31.6 20.3 30.5#





#79

Terphenyl-d14

Concen: 139.544 ng

RT: 12.910 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137251.D

Acq: 02 Feb 2024 11:46

Instrument :

BNA_F

ClientSampleId :

TP-4RE

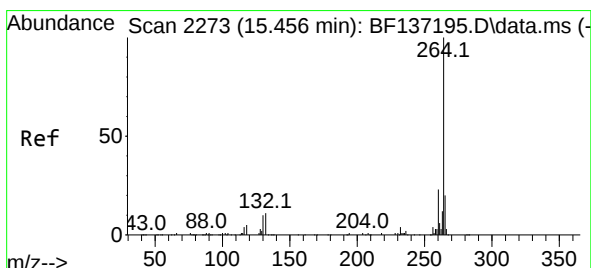
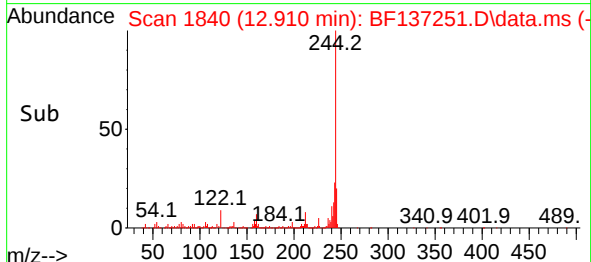
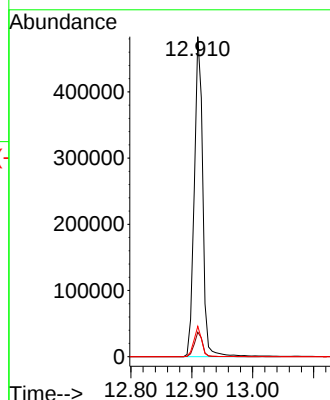
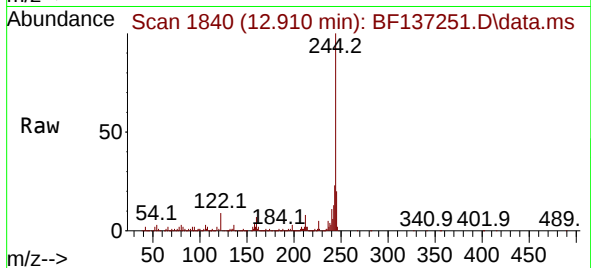
Tgt Ion:244 Resp: 467900

Ion Ratio Lower Upper

244 100

212 7.6 5.5 8.3

122 9.5 6.2 9.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.017 min

Lab File: BF137251.D

Acq: 02 Feb 2024 11:46

Tgt Ion:264 Resp: 1562

Ion Ratio Lower Upper

264 100

260 42.7 18.2 27.4#

265 31.0 16.2 24.2#

