

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
 Data File : BF137402.D
 Acq On : 27 Feb 2024 13:46
 Operator : CG\JU
 Sample : PB159259TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159259TB

Quant Time: Feb 27 14:19:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	249835	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	1011540	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	576575	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	1024370	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	787568	20.000	ng	-0.01
86) Perylene-d12	15.451	264	622619	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2080939	128.523	ng	0.00
7) Phenol-d6	6.428	99	2771705	116.372	ng	-0.01
23) Nitrobenzene-d5	7.345	82	1802714	88.973	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	685317	136.494	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	2929814	79.110	ng	-0.01
79) Terphenyl-d14	12.916	244	3817295	67.793	ng	-0.01

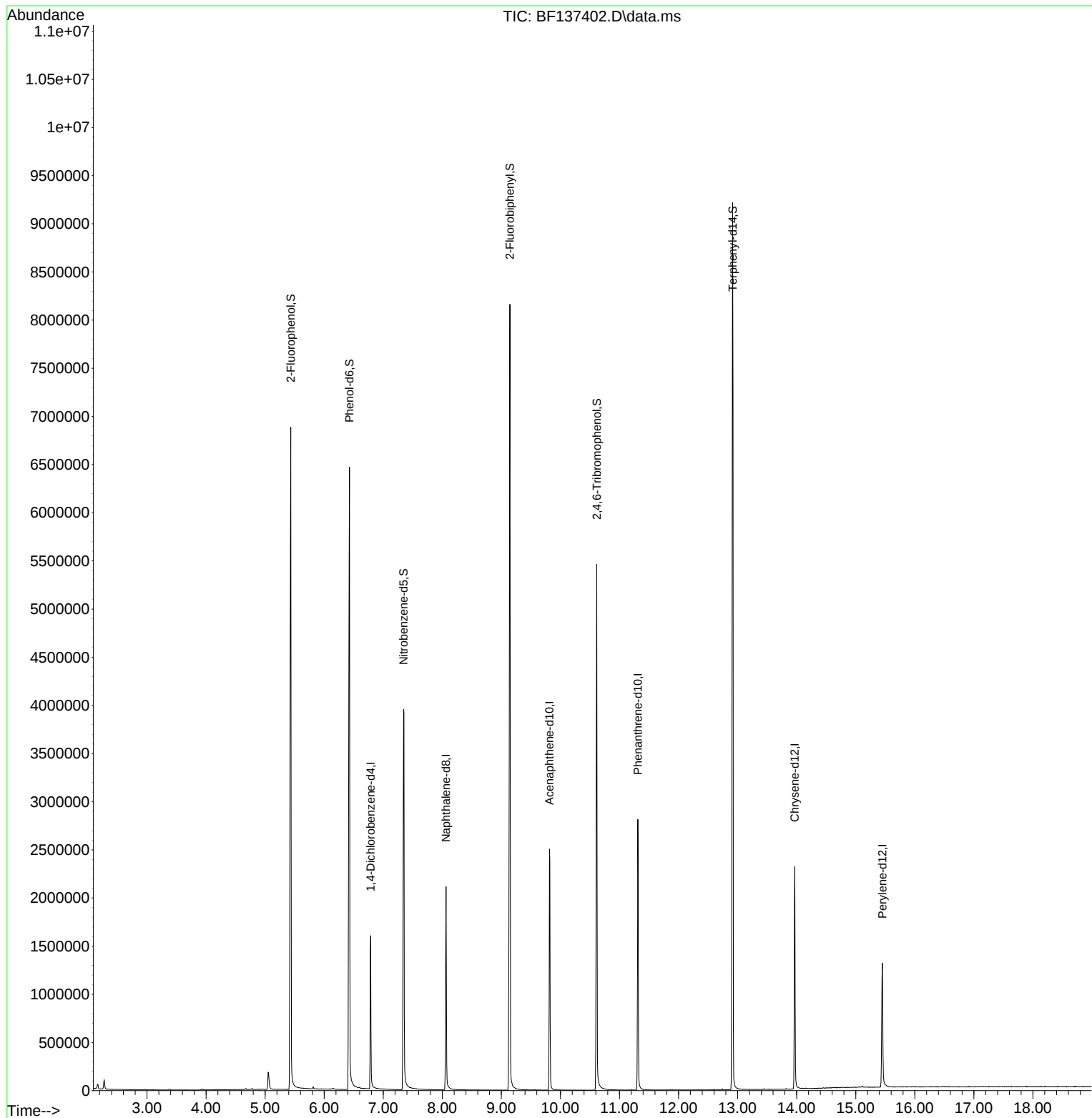
Target Compounds	Qvalue

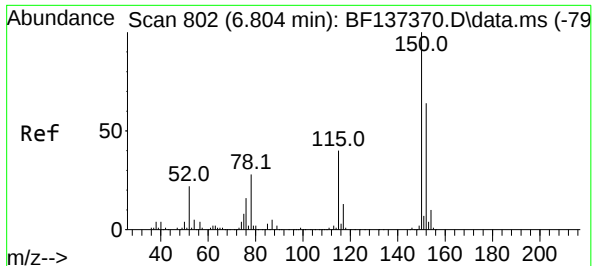
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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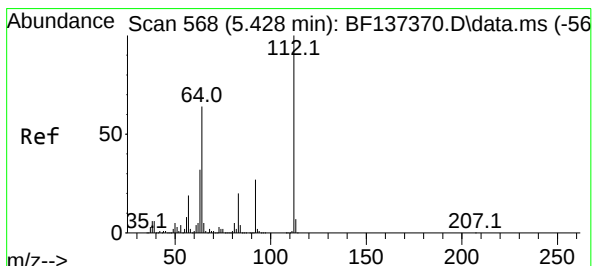
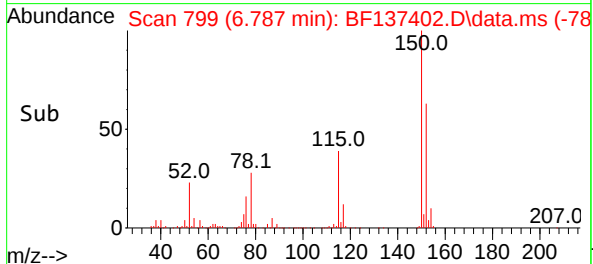
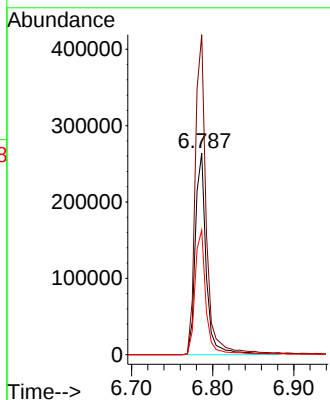
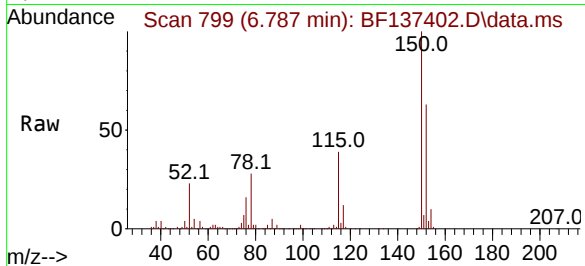




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 799
 Delta R.T. -0.017 min
 Lab File: BF137402.D
 Acq: 27 Feb 2024 13:46

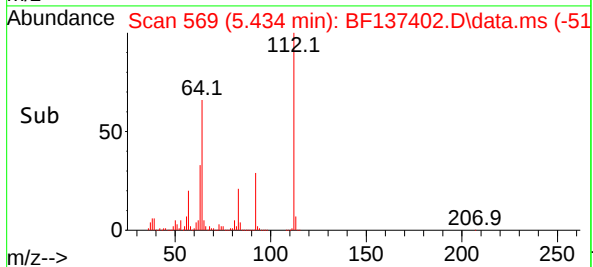
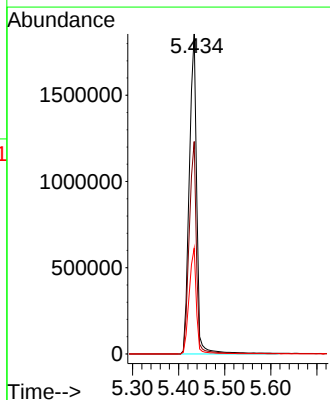
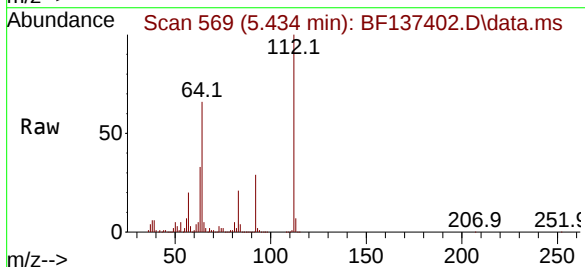
Instrument :
 BNA_F
 ClientSampleId :
 PB159259TB

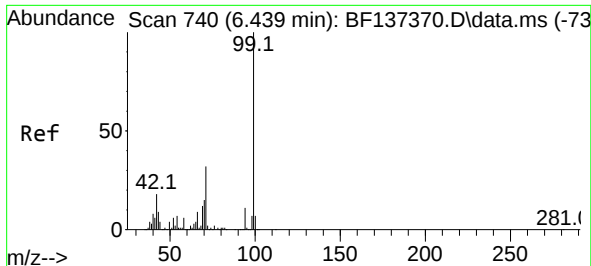
Tgt Ion:152 Resp: 249835
 Ion Ratio Lower Upper
 152 100
 150 158.7 125.7 188.5
 115 61.8 49.8 74.8



#5
 2-Fluorophenol
 Concen: 128.523 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.006 min
 Lab File: BF137402.D
 Acq: 27 Feb 2024 13:46

Tgt Ion:112 Resp: 2080939
 Ion Ratio Lower Upper
 112 100
 64 66.4 51.0 76.6
 63 33.1 25.7 38.5

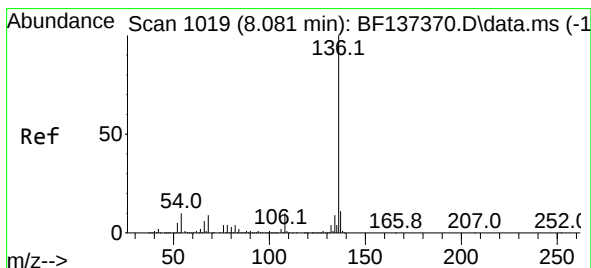
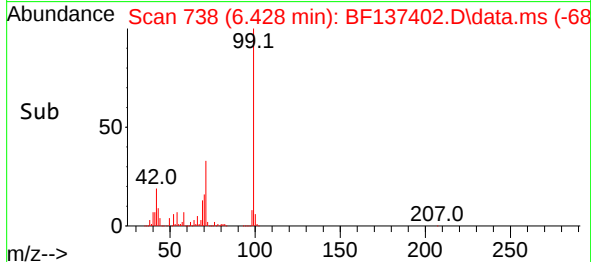
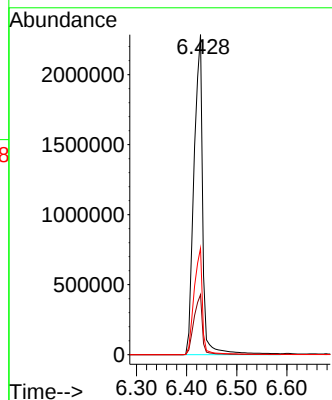
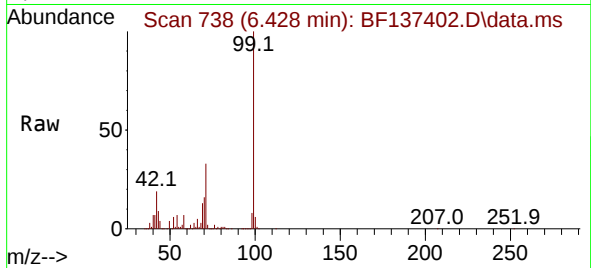




#7
Phenol-d6
Concen: 116.372 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137402.D
Acq: 27 Feb 2024 13:46

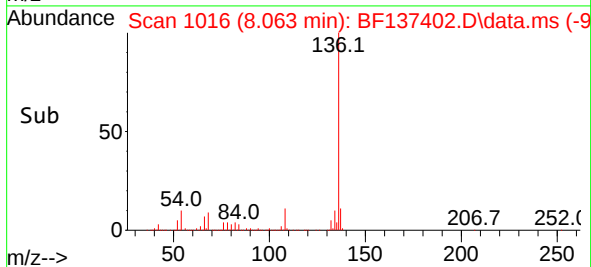
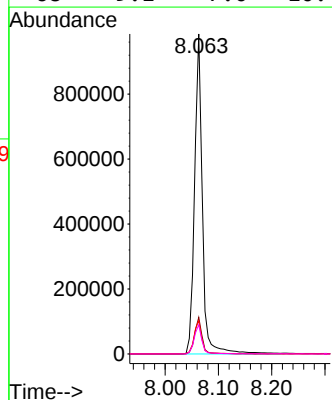
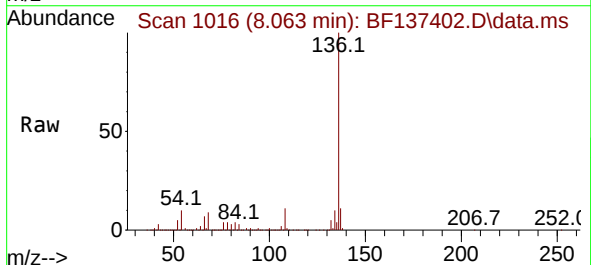
Instrument :
BNA_F
ClientSampleId :
PB159259TB

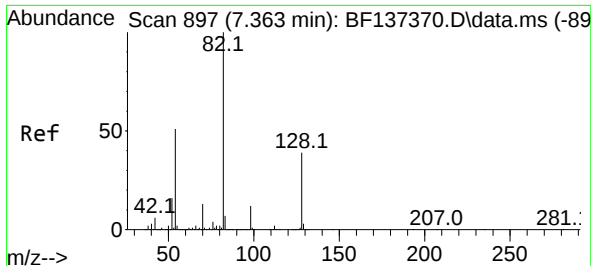
Tgt Ion: 99 Resp: 2771705
Ion Ratio Lower Upper
99 100
42 18.7 14.2 21.4
71 33.3 25.2 37.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137402.D
Acq: 27 Feb 2024 13:46

Tgt Ion: 136 Resp: 1011540
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 10.4 7.8 11.6
68 9.1 7.0 10.4





#23

Nitrobenzene-d5

Concen: 88.973 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF137402.D

Acq: 27 Feb 2024 13:46

Instrument :

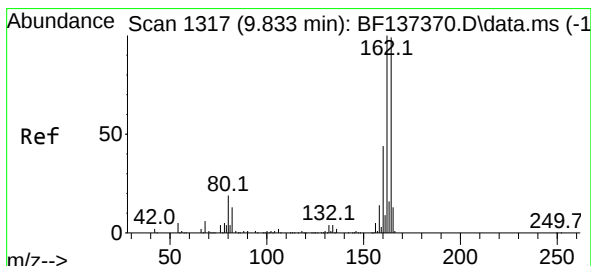
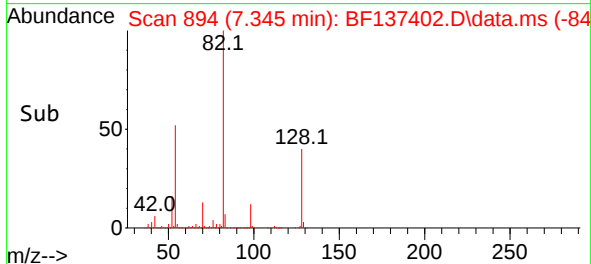
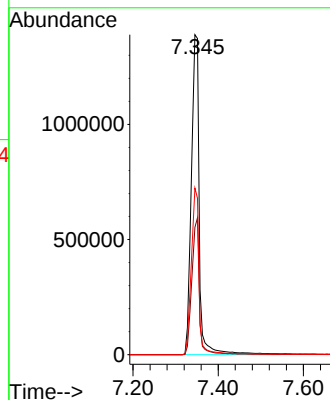
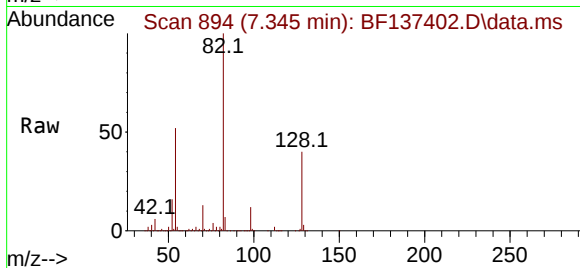
BNA_F

ClientSampleId :

PB159259TB

Tgt Ion: 82 Resp: 1802714

Ion	Ratio	Lower	Upper
82	100		
128	39.8	30.8	46.2
54	52.0	40.8	61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

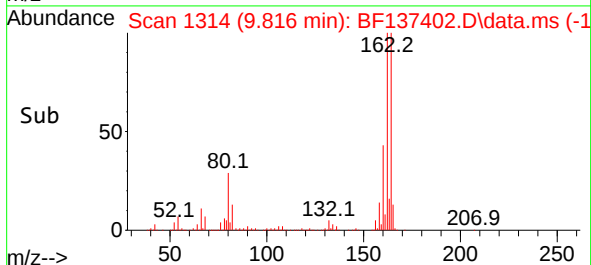
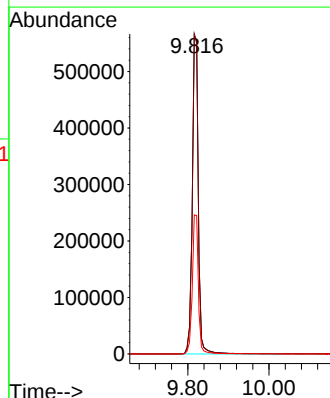
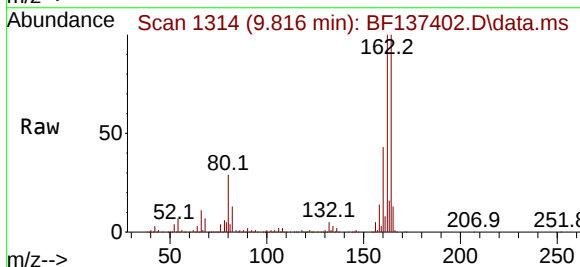
Delta R.T. -0.018 min

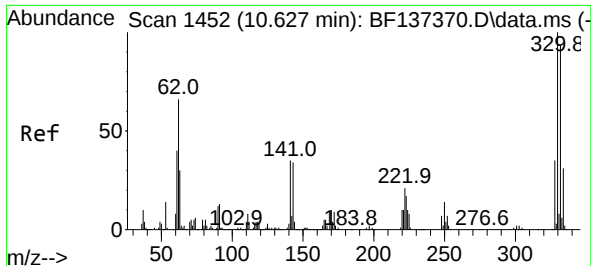
Lab File: BF137402.D

Acq: 27 Feb 2024 13:46

Tgt Ion:164 Resp: 576575

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.2	121.8
160	43.5	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 136.494 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF137402.D

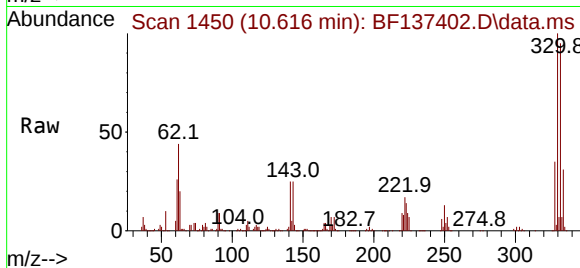
Acq: 27 Feb 2024 13:46

Instrument :

BNA_F

ClientSampleId :

PB159259TB



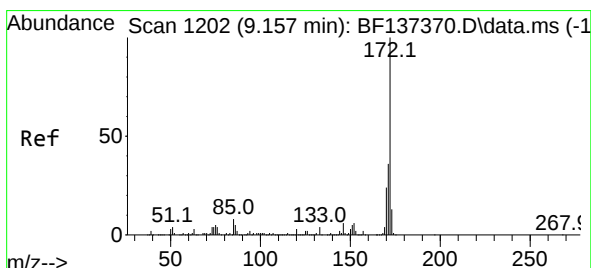
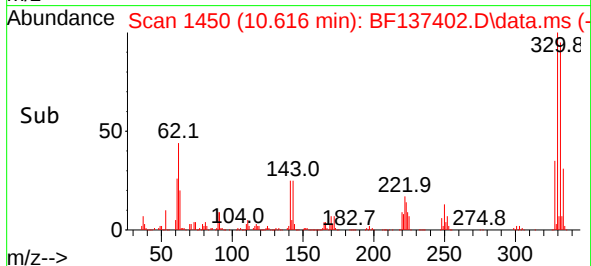
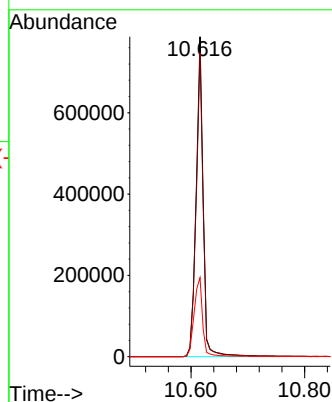
Tgt Ion:330 Resp: 685317

Ion Ratio Lower Upper

330 100

332 94.7 75.6 113.4

141 30.1 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 79.110 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF137402.D

Acq: 27 Feb 2024 13:46

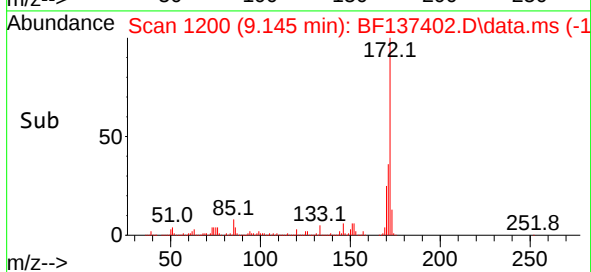
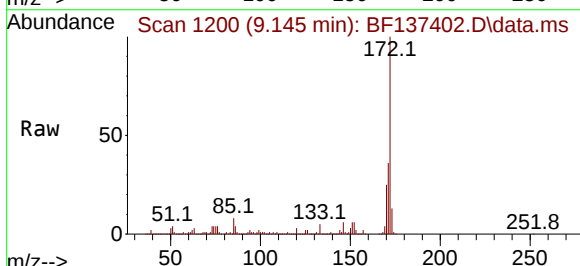
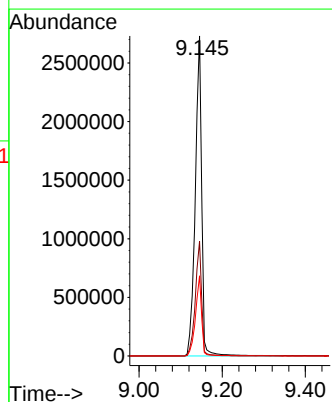
Tgt Ion:172 Resp: 2929814

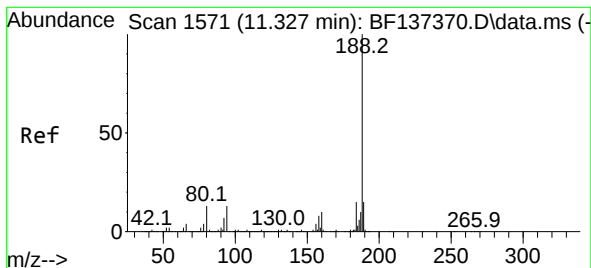
Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 25.1 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF137402.D

Acq: 27 Feb 2024 13:46

Instrument :

BNA_F

ClientSampleId :

PB159259TB

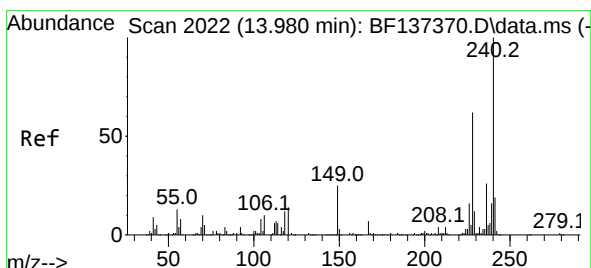
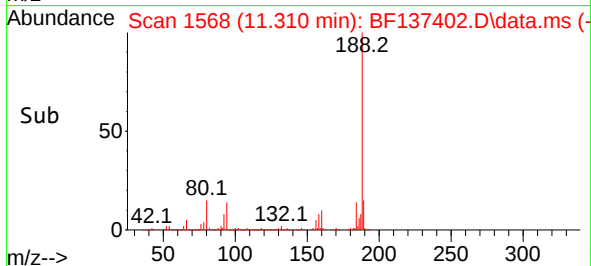
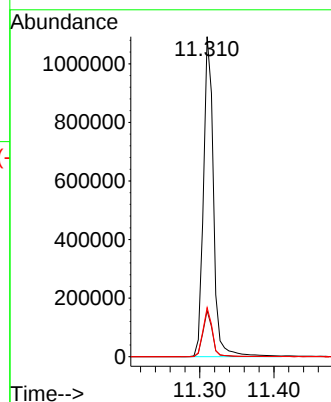
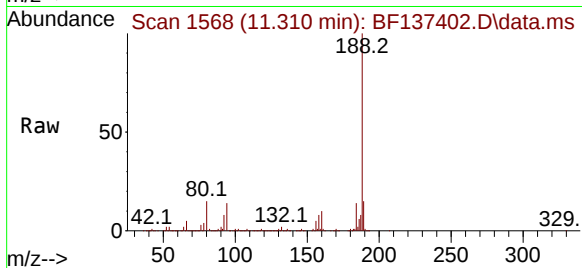
Tgt Ion:188 Resp: 1024370

Ion Ratio Lower Upper

188 100

94 14.4 10.2 15.2

80 15.3 10.7 16.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.012 min

Lab File: BF137402.D

Acq: 27 Feb 2024 13:46

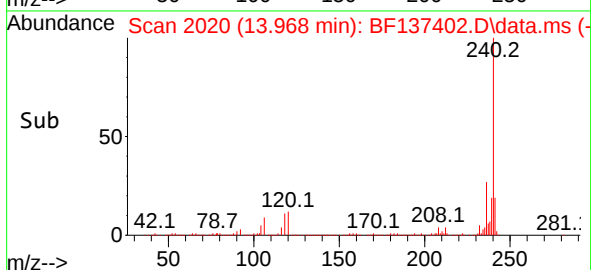
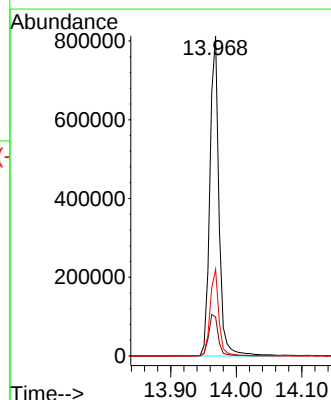
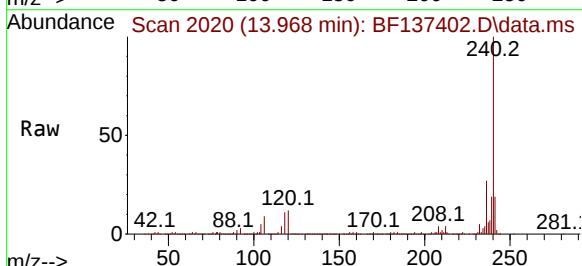
Tgt Ion:240 Resp: 787568

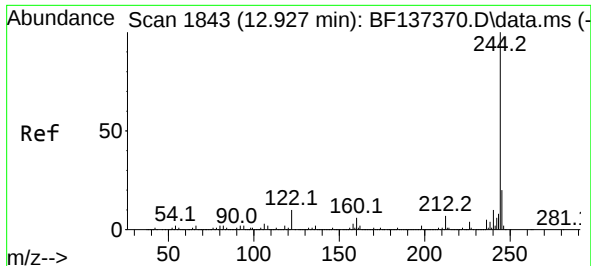
Ion Ratio Lower Upper

240 100

120 12.1 11.3 16.9

236 27.1 20.5 30.7

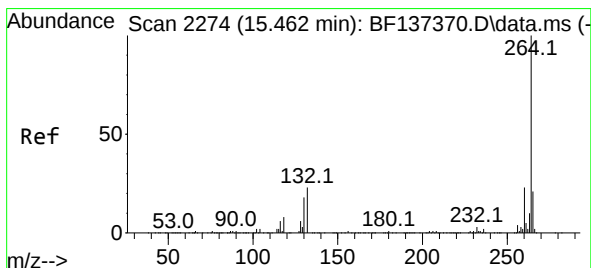
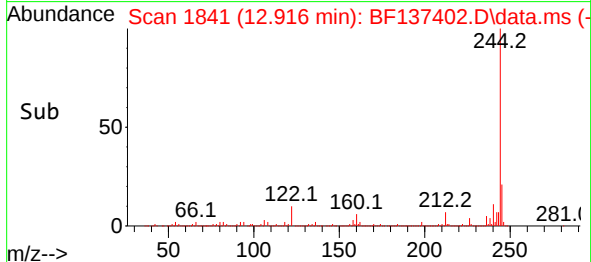
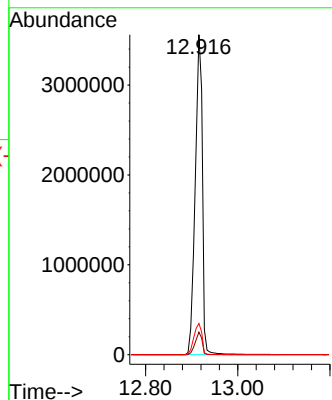
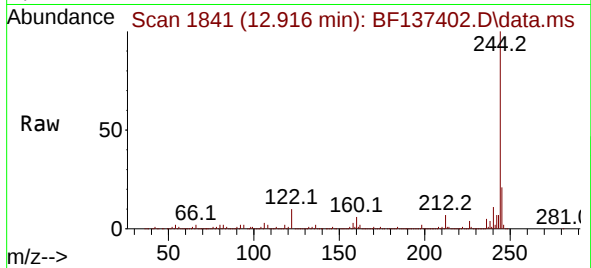




#79
 Terphenyl-d14
 Concen: 67.793 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF137402.D
 Acq: 27 Feb 2024 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB159259TB

Tgt Ion:244 Resp: 3817295
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.3 7.9
 122 9.8 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF137402.D
 Acq: 27 Feb 2024 13:46

Tgt Ion:264 Resp: 622619
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.5 27.7
 265 21.8 16.9 25.3

