

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012524\
 Data File : BF137152.D
 Acq On : 25 Jan 2024 17:32
 Operator : CG\JU
 Sample : PB158616TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158616TB

Quant Time: Jan 26 10:16:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 23:14:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	76011	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	296697	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	172933	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	336126	20.000	ng	0.00
76) Chrysene-d12	13.986	240	246187	20.000	ng	0.00
86) Perylene-d12	15.474	264	193298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	671277	130.839	ng	0.02
7) Phenol-d6	6.445	99	875817	129.833	ng	0.00
23) Nitrobenzene-d5	7.375	82	585090	92.444	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	254103	139.683	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1055992	85.011	ng	0.00
79) Terphenyl-d14	12.939	244	1334885	77.536	ng	0.00

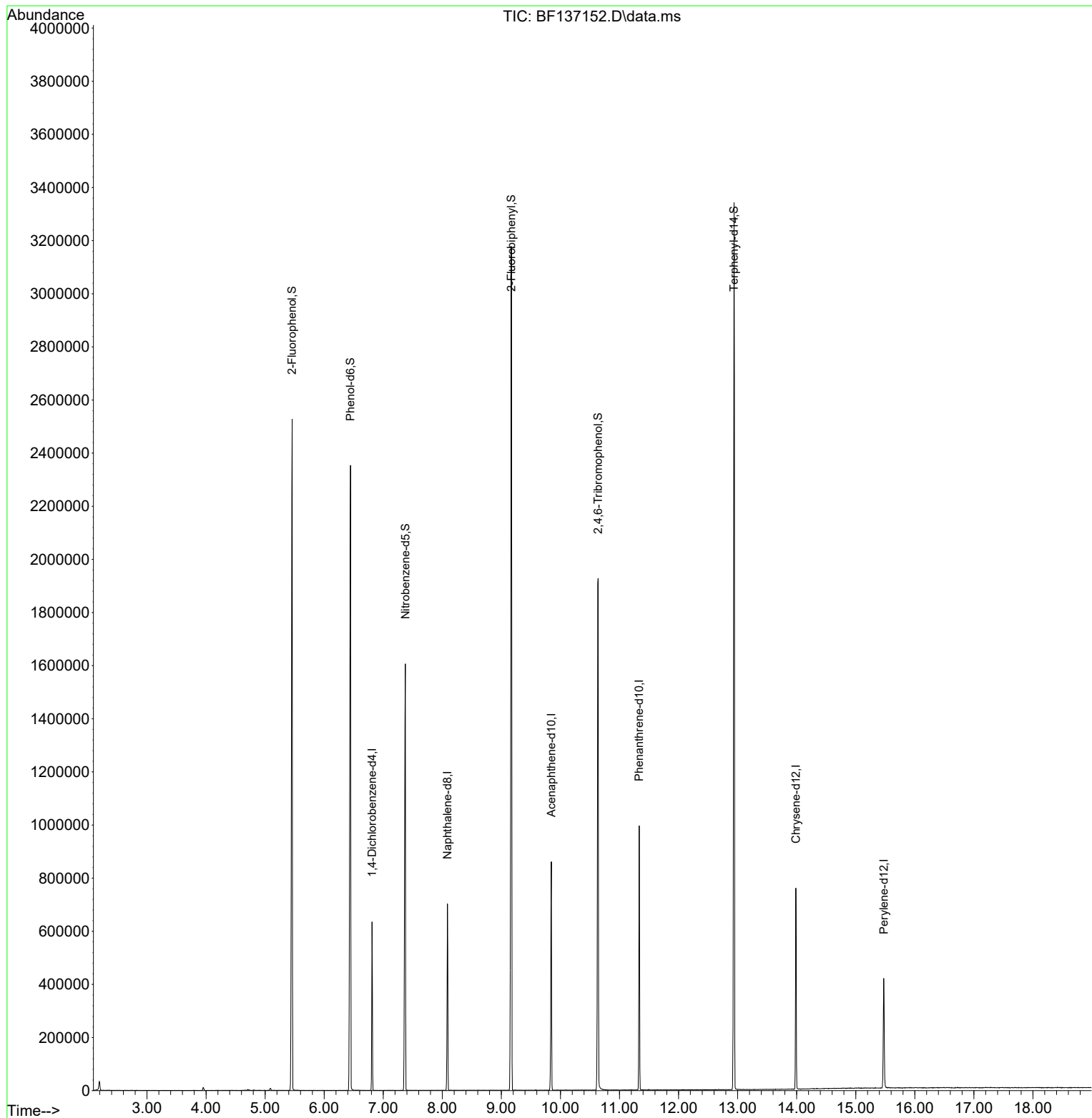
Target Compounds	Qvalue

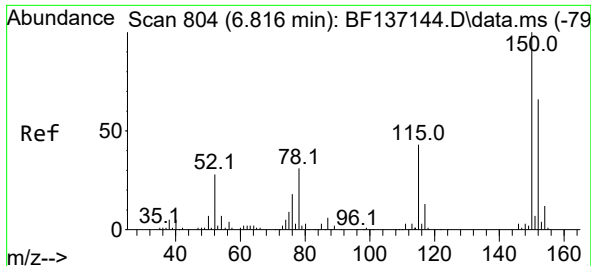
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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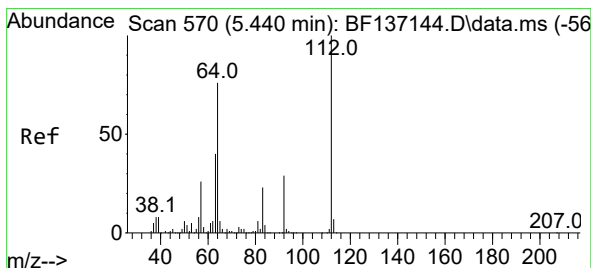
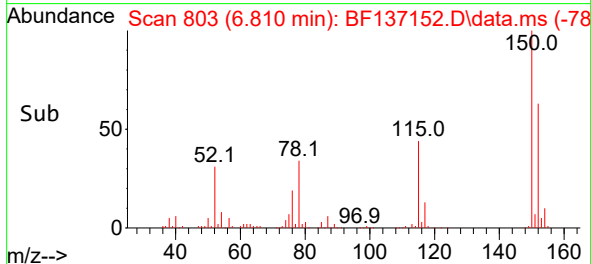
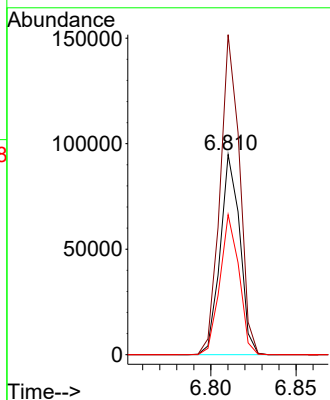
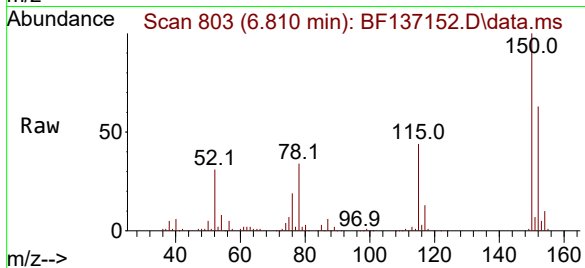




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF137152.D
Acq: 25 Jan 2024 17:32

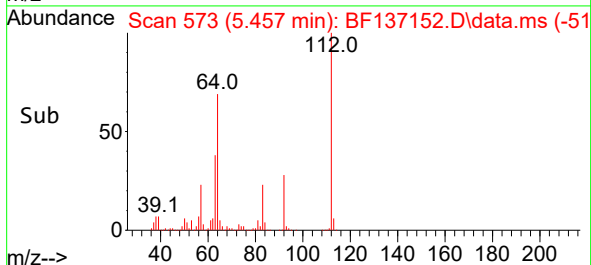
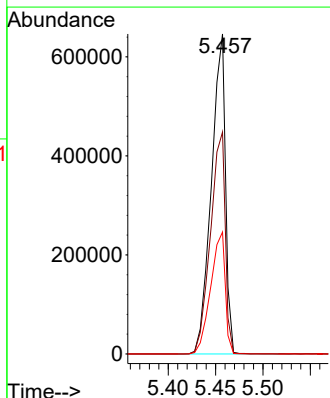
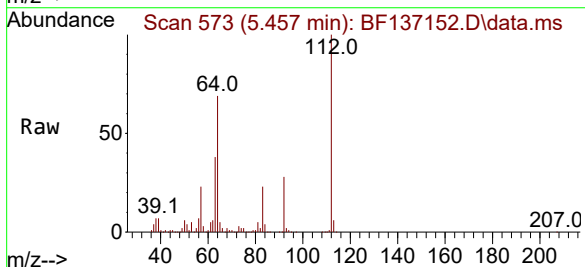
Instrument :
BNA_F
ClientSampleId :
PB158616TB

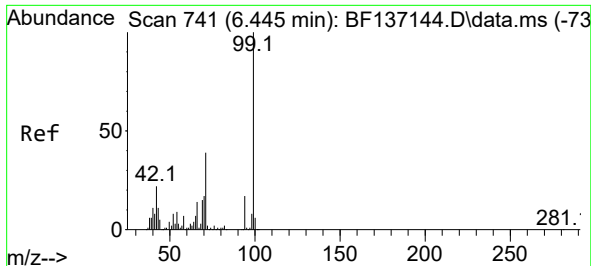
Tgt Ion:152 Resp: 76011
Ion Ratio Lower Upper
152 100
150 159.9 121.2 181.8
115 69.9 52.5 78.7



#5
2-Fluorophenol
Concen: 130.839 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF137152.D
Acq: 25 Jan 2024 17:32

Tgt Ion:112 Resp: 671277
Ion Ratio Lower Upper
112 100
64 69.4 60.8 91.2
63 38.1 32.1 48.1





#7

Phenol-d6

Concen: 129.833 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF137152.D

Acq: 25 Jan 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB158616TB

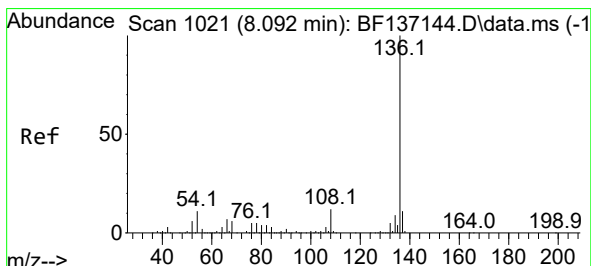
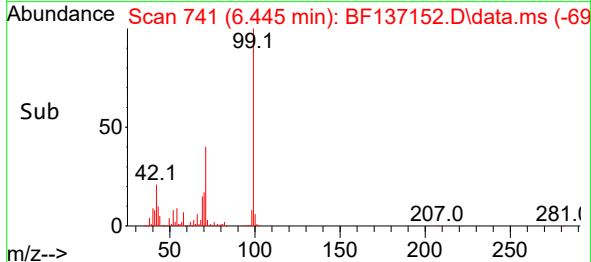
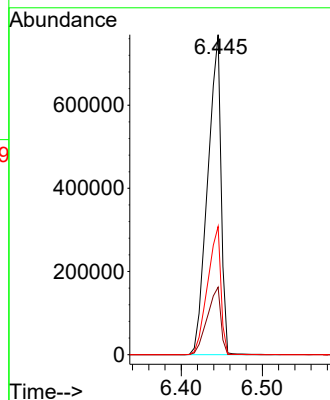
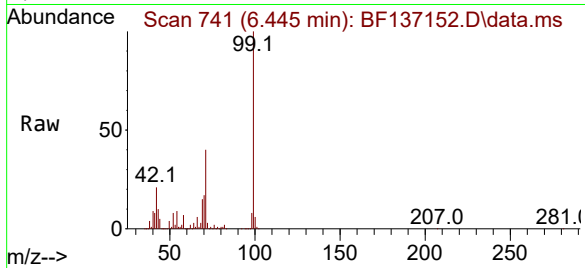
Tgt Ion: 99 Resp: 875817

Ion Ratio Lower Upper

99 100

42 21.1 17.5 26.3

71 40.0 31.2 46.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.086 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF137152.D

Acq: 25 Jan 2024 17:32

Tgt Ion: 136 Resp: 296697

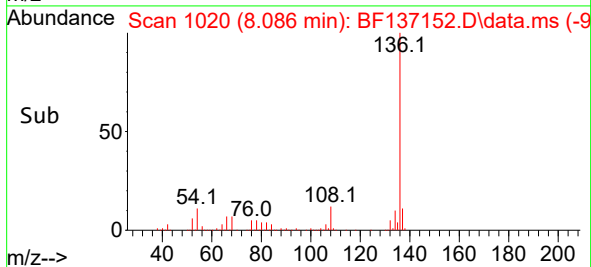
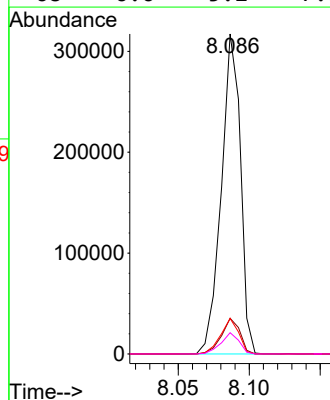
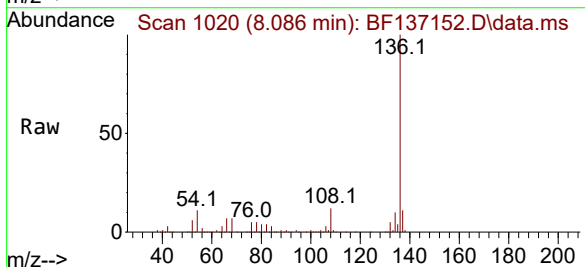
Ion Ratio Lower Upper

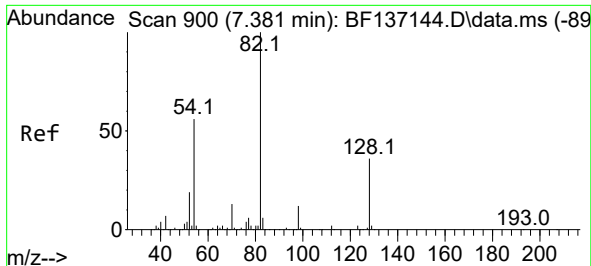
136 100

137 11.2 8.7 13.1

54 11.1 8.8 13.2

68 6.6 5.2 7.8

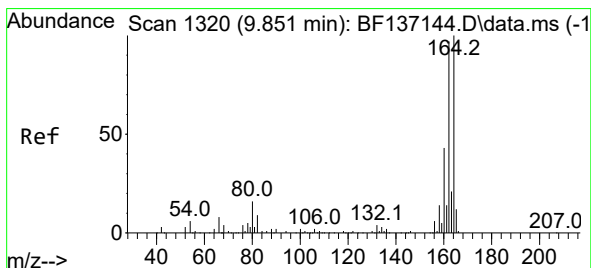
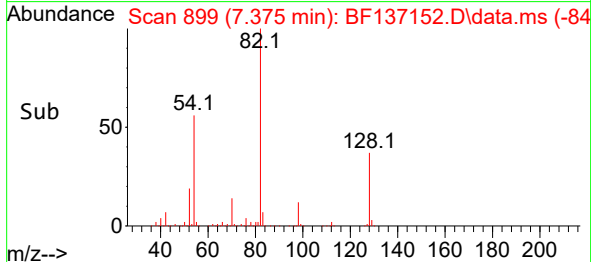
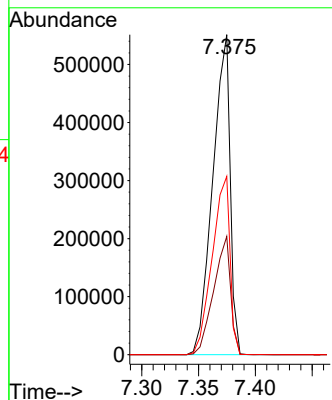
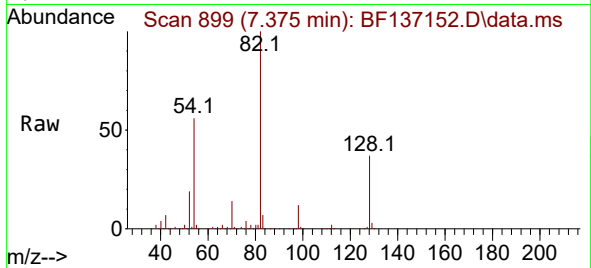




#23
Nitrobenzene-d5
Concen: 92.444 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF137152.D
Acq: 25 Jan 2024 17:32

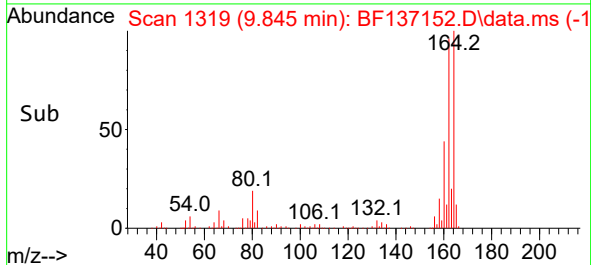
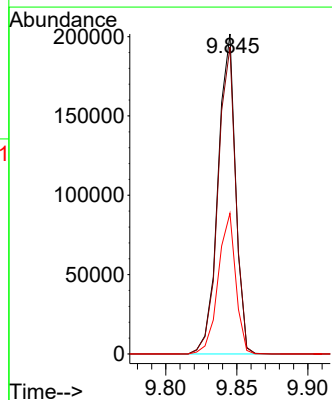
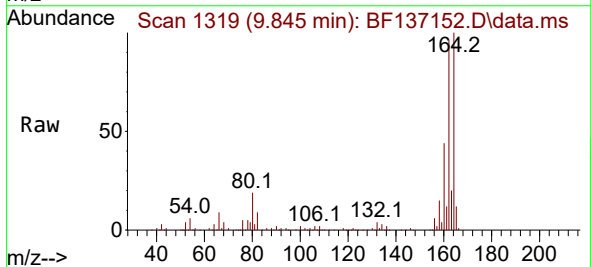
Instrument :
BNA_F
ClientSampleId :
PB158616TB

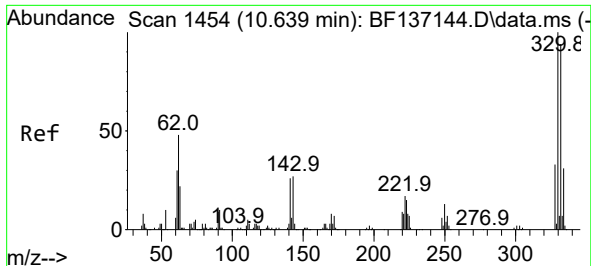
Tgt Ion: 82 Resp: 585090
Ion Ratio Lower Upper
82 100
128 36.9 29.0 43.6
54 55.7 44.6 67.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF137152.D
Acq: 25 Jan 2024 17:32

Tgt Ion: 164 Resp: 172933
Ion Ratio Lower Upper
164 100
162 95.9 77.5 116.3
160 44.0 34.7 52.1





#42

2,4,6-Tribromophenol

Concen: 139.683 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.000 min

Lab File: BF137152.D

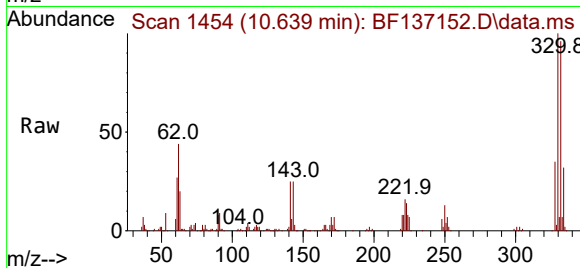
Acq: 25 Jan 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB158616TB



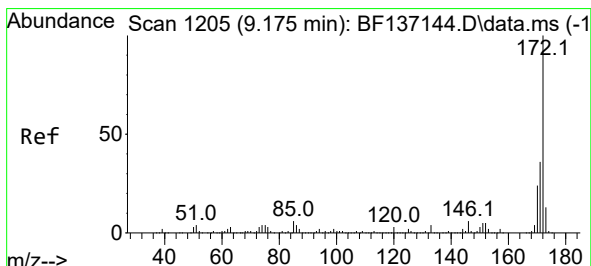
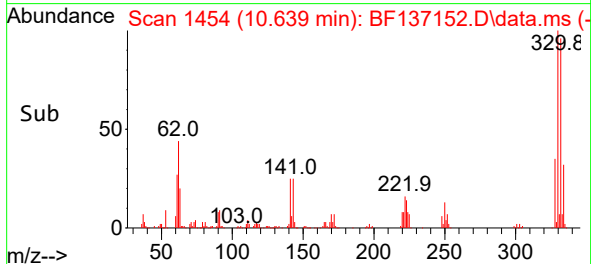
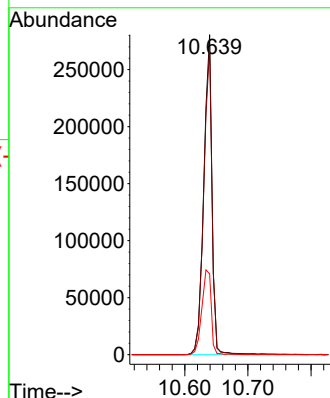
Tgt Ion:330 Resp: 254103

Ion Ratio Lower Upper

330 100

332 96.9 75.4 113.0

141 30.2 24.8 37.2



#45

2-Fluorobiphenyl

Concen: 85.011 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BF137152.D

Acq: 25 Jan 2024 17:32

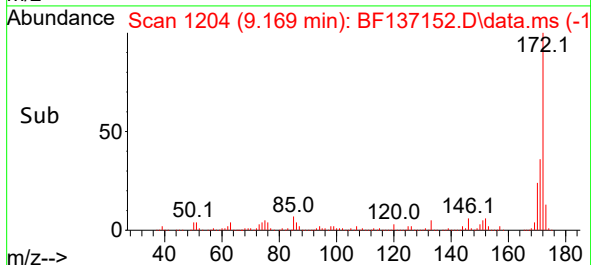
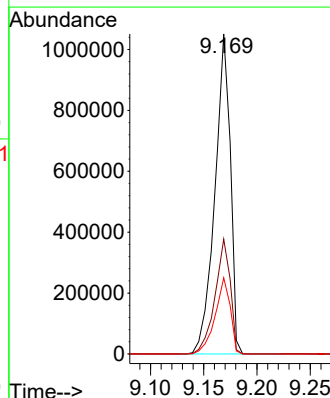
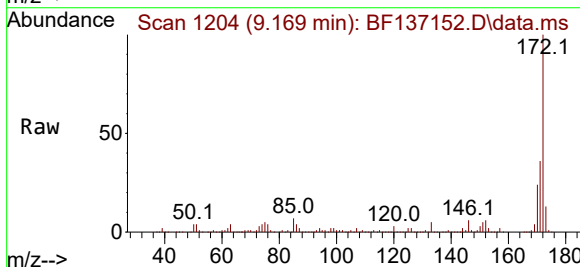
Tgt Ion:172 Resp: 1055992

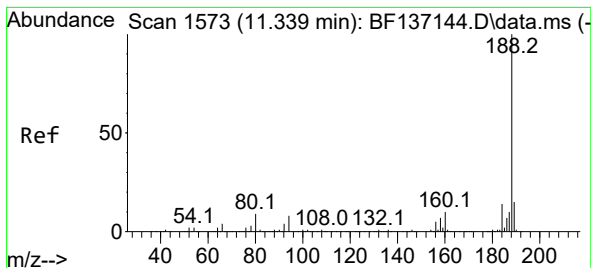
Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 23.8 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137152.D

Acq: 25 Jan 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB158616TB

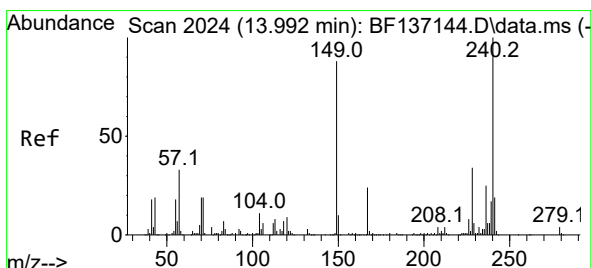
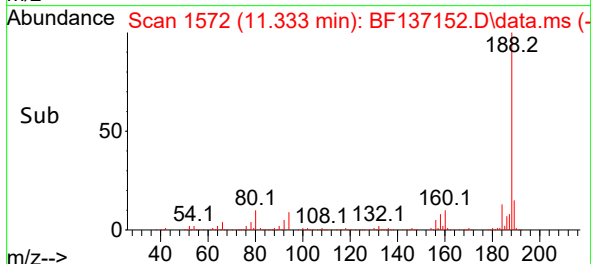
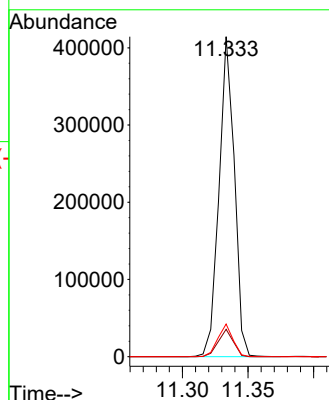
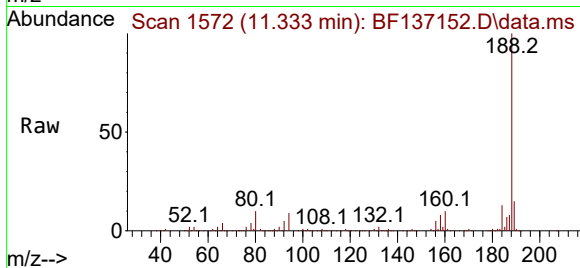
Tgt Ion:188 Resp: 336126

Ion Ratio Lower Upper

188 100

94 8.6 6.4 9.6

80 10.2 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF137152.D

Acq: 25 Jan 2024 17:32

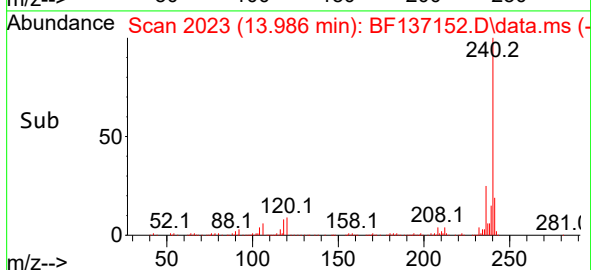
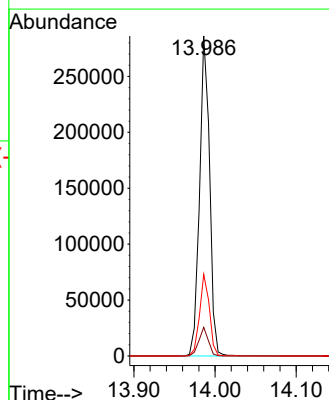
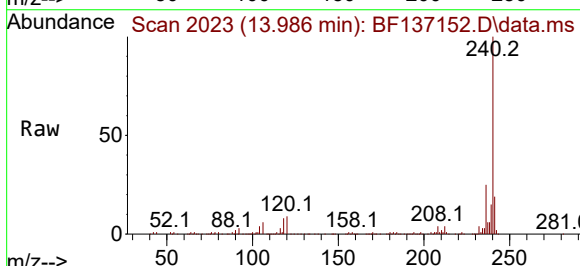
Tgt Ion:240 Resp: 246187

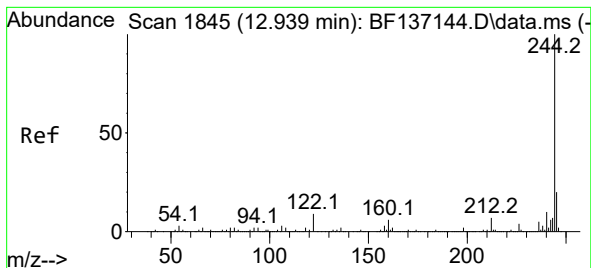
Ion Ratio Lower Upper

240 100

120 8.9 6.9 10.3

236 25.5 20.4 30.6





#79

Terphenyl-d14

Concen: 77.536 ng

RT: 12.939 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137152.D

Acq: 25 Jan 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB158616TB

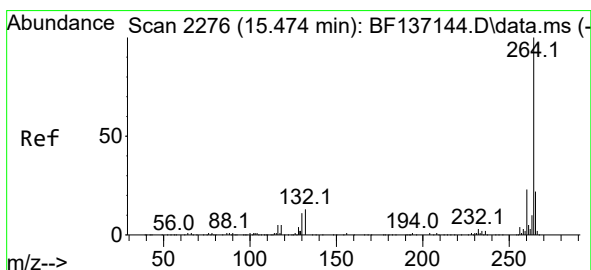
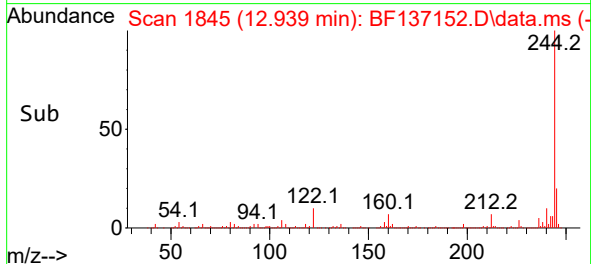
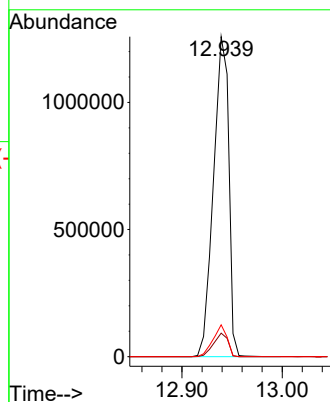
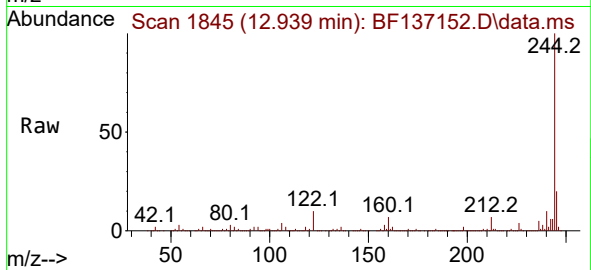
Tgt Ion:244 Resp: 1334885

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 10.0 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2276

Delta R.T. 0.000 min

Lab File: BF137152.D

Acq: 25 Jan 2024 17:32

Tgt Ion:264 Resp: 193298

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 21.1 17.2 25.8

