

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012524\
 Data File : BF137159.D
 Acq On : 25 Jan 2024 20:57
 Operator : CG\JU
 Sample : P1243-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-308-17-19

Quant Time: Jan 26 10:18:23 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	69943	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	261457	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	149245	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	293977	20.000	ng	0.00
76) Chrysene-d12	13.986	240	181975	20.000	ng	0.00
86) Perylene-d12	15.474	264	167502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	570810	120.909	ng	0.02
7) Phenol-d6	6.440	99	694455	111.879	ng	0.00
23) Nitrobenzene-d5	7.369	82	515748	92.472	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	229767	146.352	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	917097	85.548	ng	0.00
79) Terphenyl-d14	12.939	244	1125277	88.425	ng	0.00

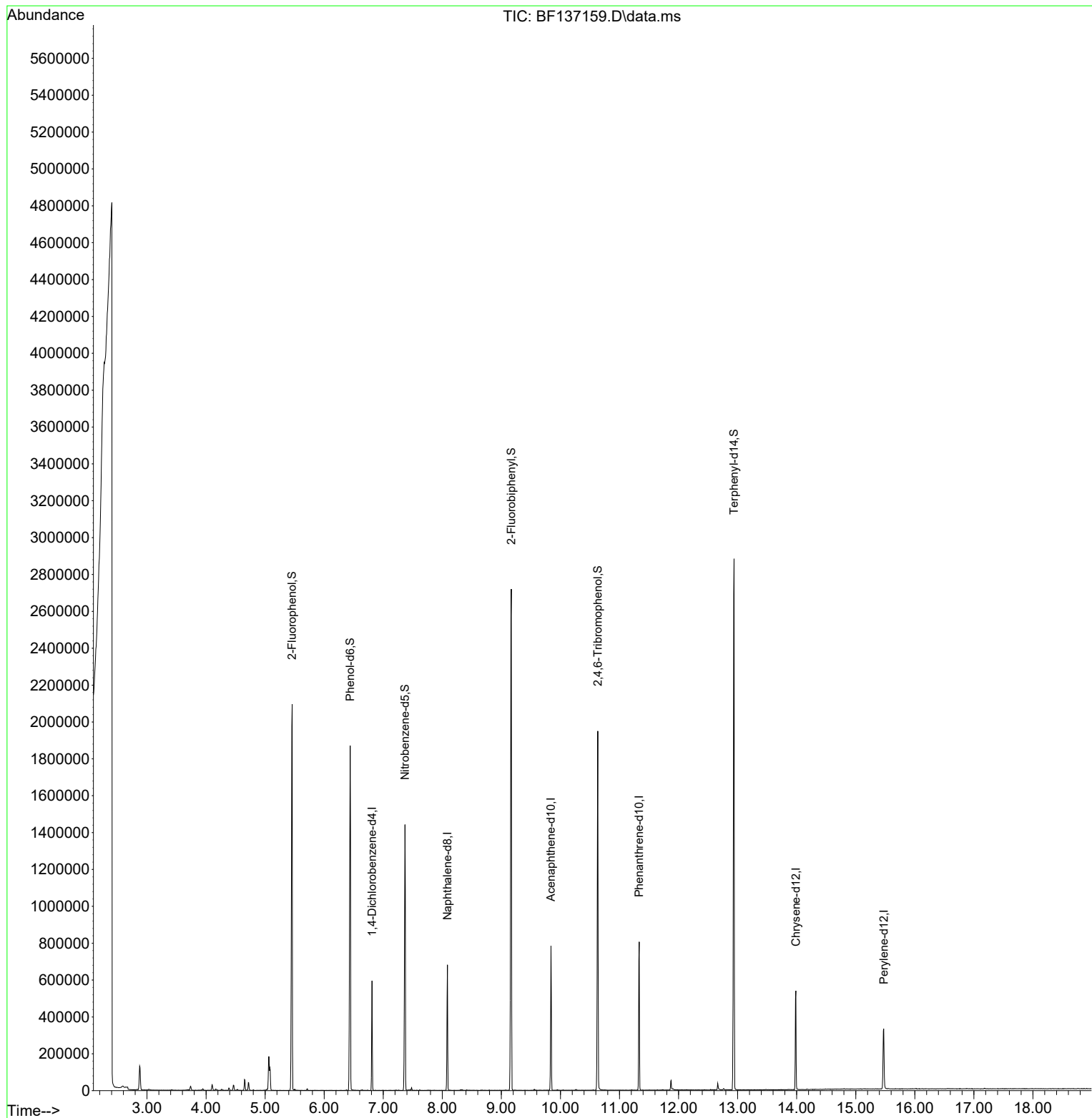
Target Compounds	Qvalue

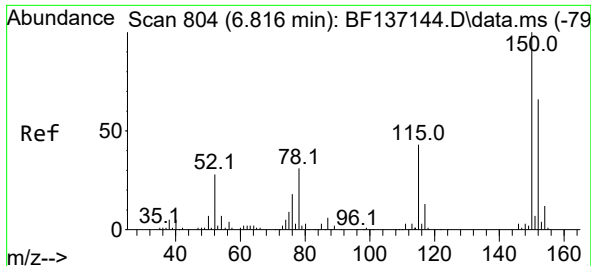
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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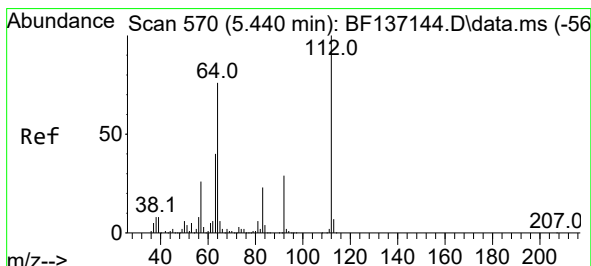
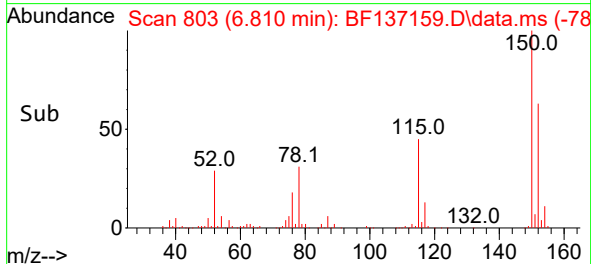
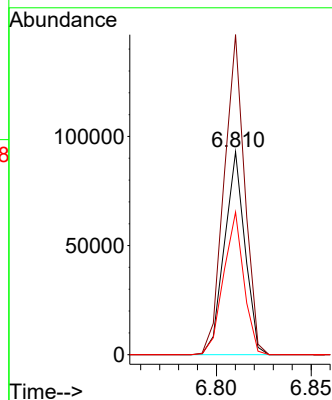
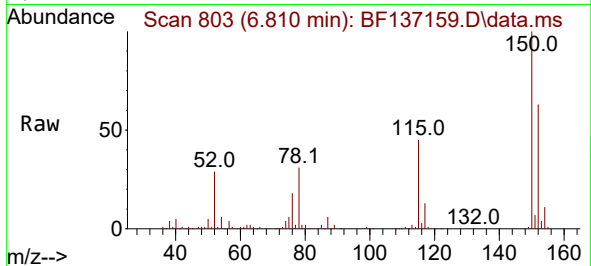




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF137159.D
Acq: 25 Jan 2024 20:57

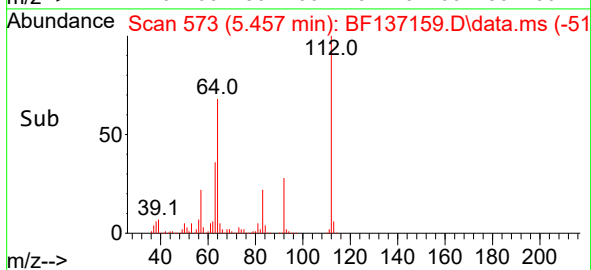
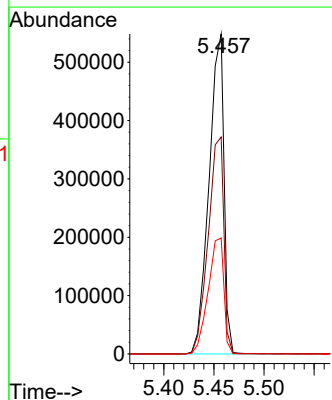
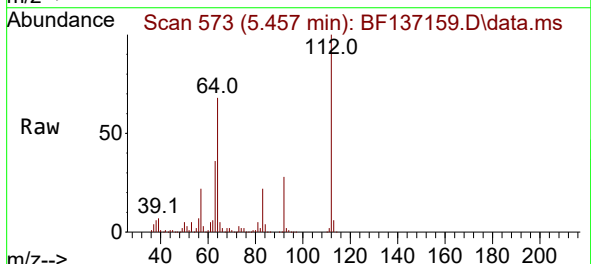
Instrument :
BNA_F
ClientSampleId :
MR-308-17-19

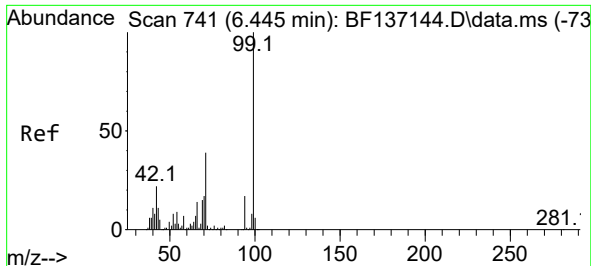
Tgt Ion:152 Resp: 69943
Ion Ratio Lower Upper
152 100
150 157.7 121.2 181.8
115 70.3 52.5 78.7



#5
2-Fluorophenol
Concen: 120.909 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF137159.D
Acq: 25 Jan 2024 20:57

Tgt Ion:112 Resp: 570810
Ion Ratio Lower Upper
112 100
64 67.8 60.8 91.2
63 36.2 32.1 48.1

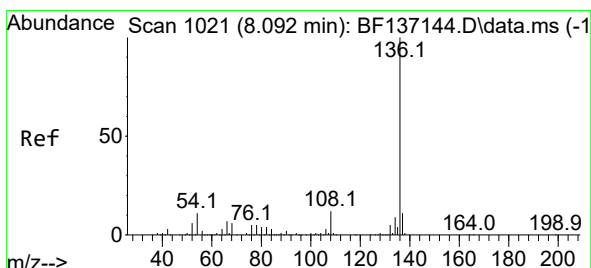
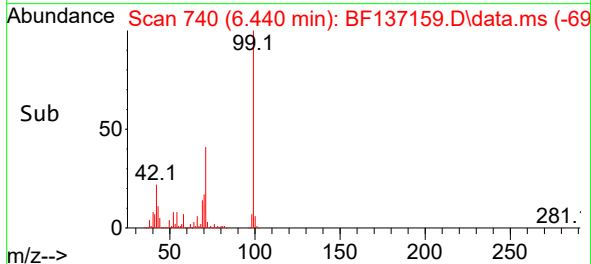
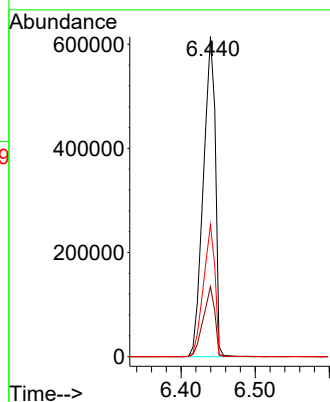
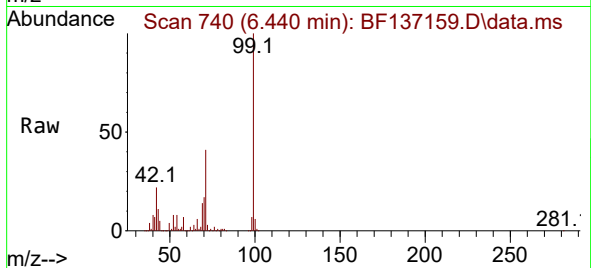




#7
Phenol-d6
Concen: 111.879 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF137159.D
Acq: 25 Jan 2024 20:57

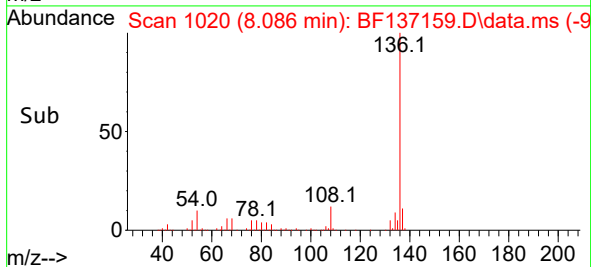
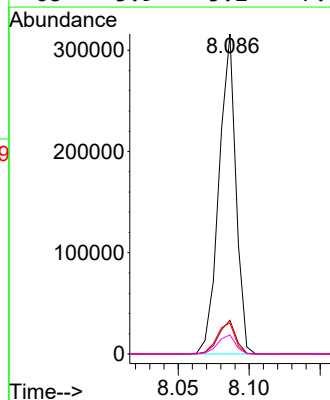
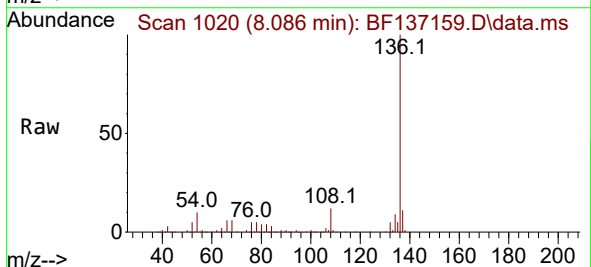
Instrument :
BNA_F
ClientSampleId :
MR-308-17-19

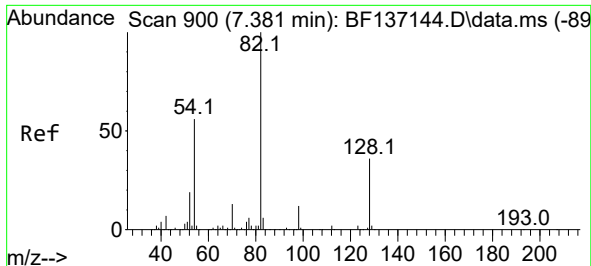
Tgt Ion: 99 Resp: 694455
Ion Ratio Lower Upper
99 100
42 21.9 17.5 26.3
71 41.3 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF137159.D
Acq: 25 Jan 2024 20:57

Tgt Ion: 136 Resp: 261457
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 9.7 8.8 13.2
68 5.9 5.2 7.8





#23

Nitrobenzene-d5

Concen: 92.472 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF137159.D

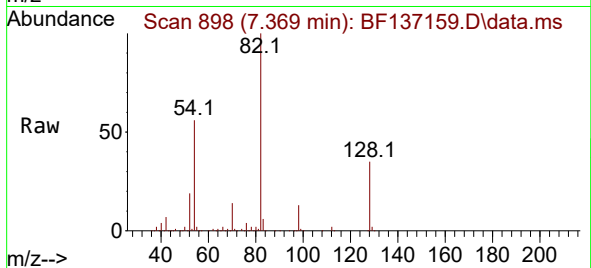
Acq: 25 Jan 2024 20:57

Instrument :

BNA_F

ClientSampleId :

MR-308-17-19



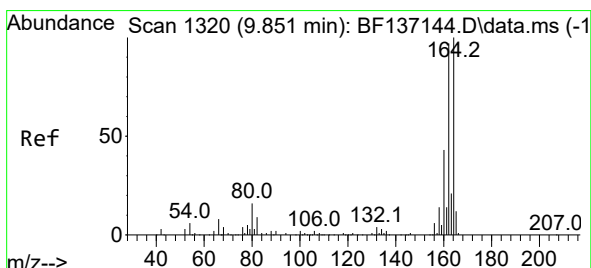
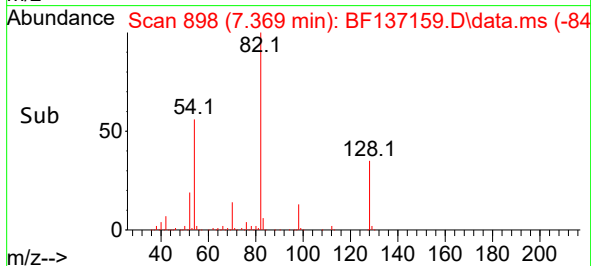
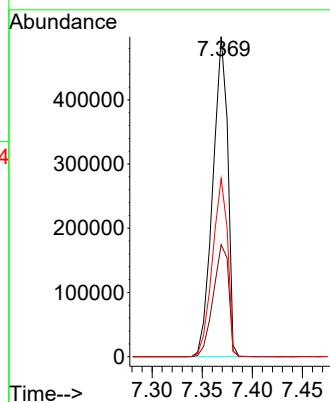
Tgt Ion: 82 Resp: 515748

Ion Ratio Lower Upper

82 100

128 35.0 29.0 43.6

54 55.7 44.6 67.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.012 min

Lab File: BF137159.D

Acq: 25 Jan 2024 20:57

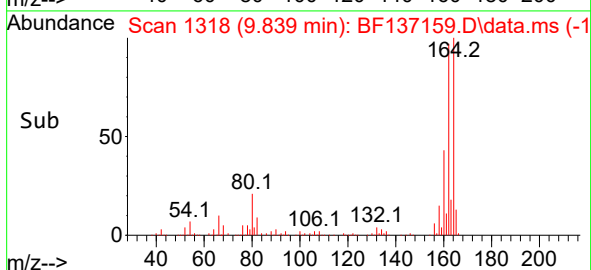
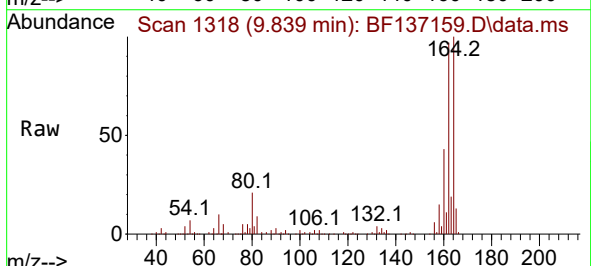
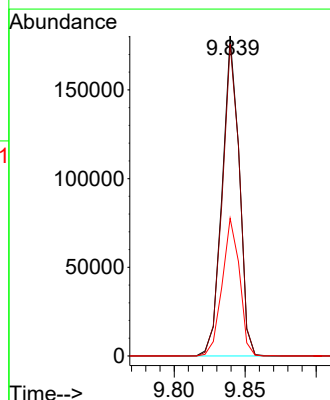
Tgt Ion: 164 Resp: 149245

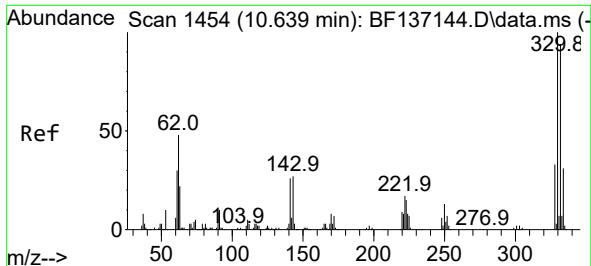
Ion Ratio Lower Upper

164 100

162 97.5 77.5 116.3

160 43.0 34.7 52.1





#42

2,4,6-Tribromophenol

Concen: 146.352 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF137159.D

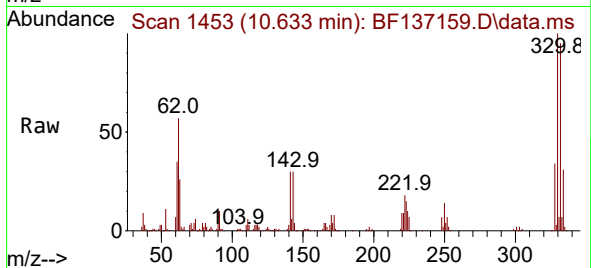
Acq: 25 Jan 2024 20:57

Instrument :

BNA_F

ClientSampleId :

MR-308-17-19



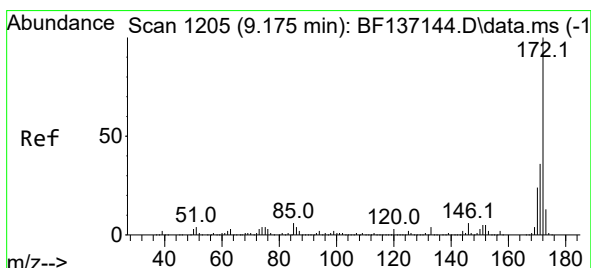
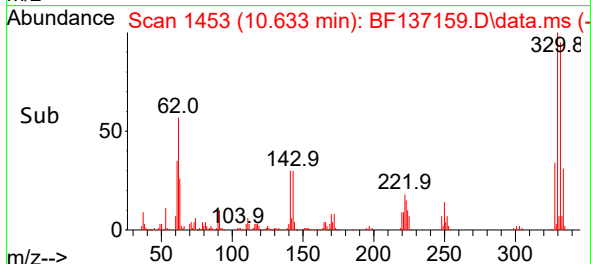
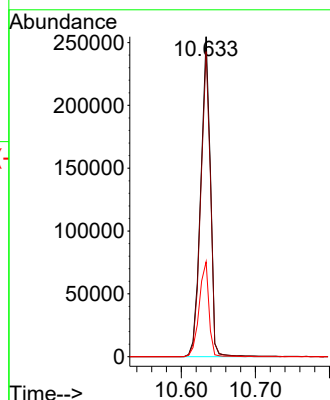
Tgt Ion:330 Resp: 229767

Ion Ratio Lower Upper

330 100

332 95.4 75.4 113.0

141 29.8 24.8 37.2



#45

2-Fluorobiphenyl

Concen: 85.548 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BF137159.D

Acq: 25 Jan 2024 20:57

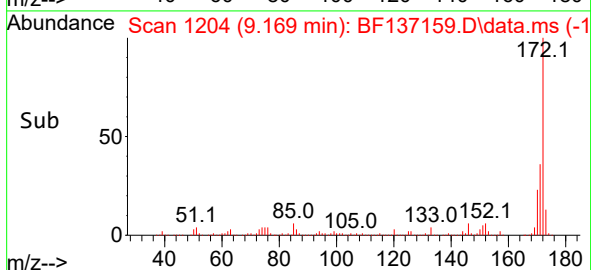
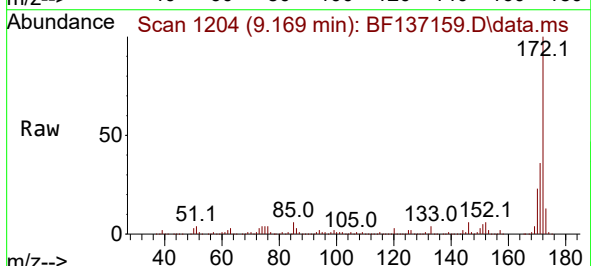
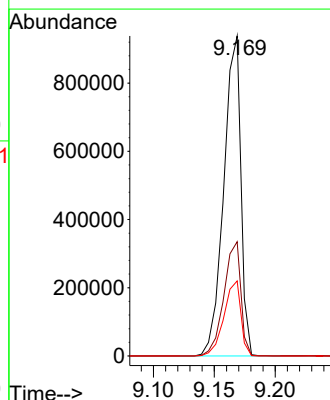
Tgt Ion:172 Resp: 917097

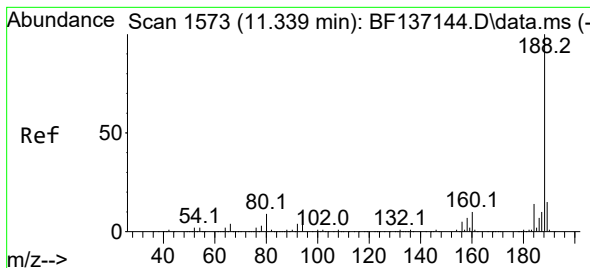
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 23.5 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: BF137159.D

Acq: 25 Jan 2024 20:57

Instrument :

BNA_F

ClientSampleId :

MR-308-17-19

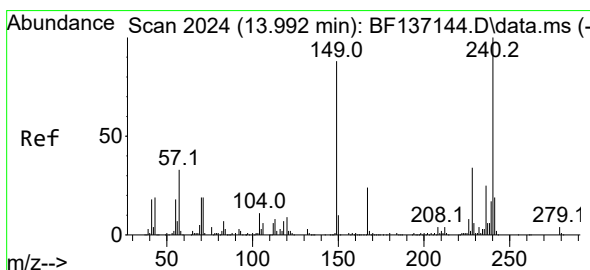
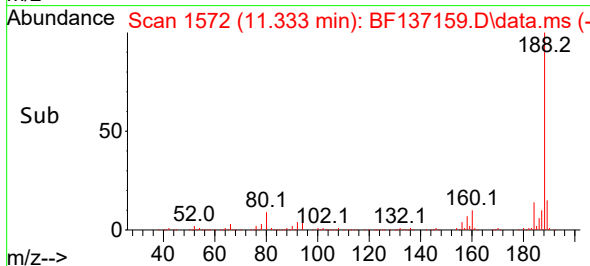
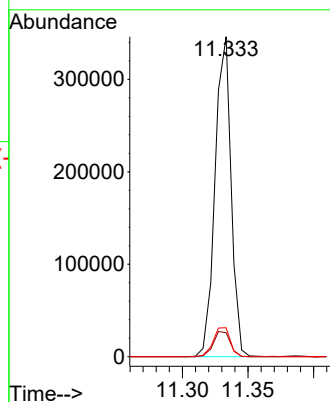
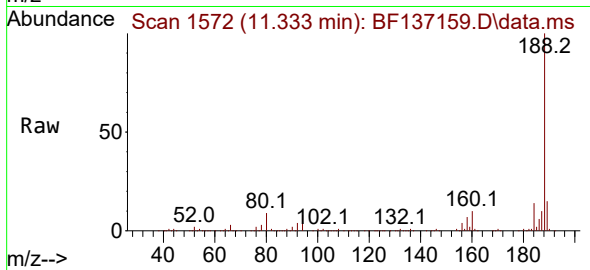
Tgt Ion:188 Resp: 293977

Ion Ratio Lower Upper

188 100

94 7.5 6.4 9.6

80 9.0 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: BF137159.D

Acq: 25 Jan 2024 20:57

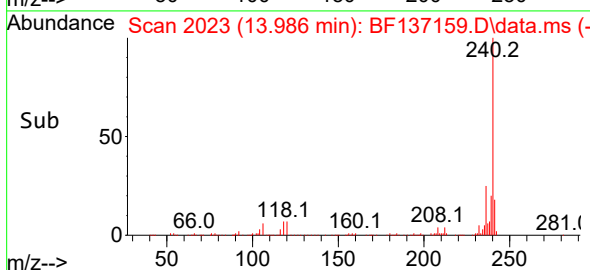
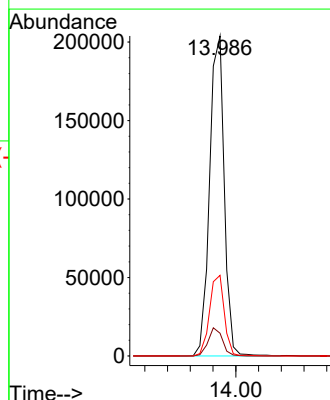
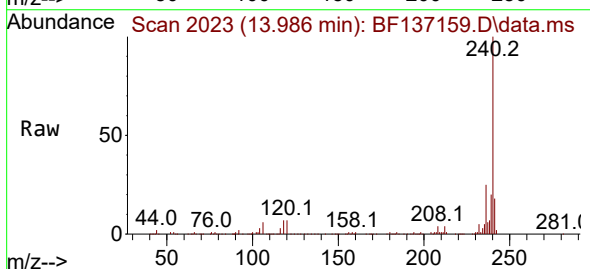
Tgt Ion:240 Resp: 181975

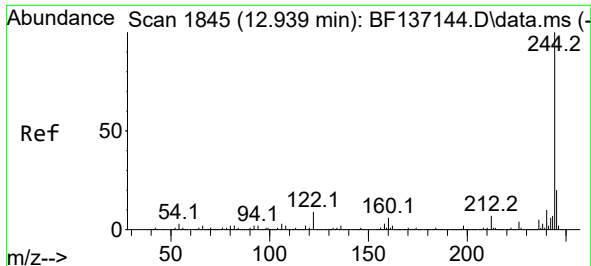
Ion Ratio Lower Upper

240 100

120 7.1 6.9 10.3

236 25.2 20.4 30.6

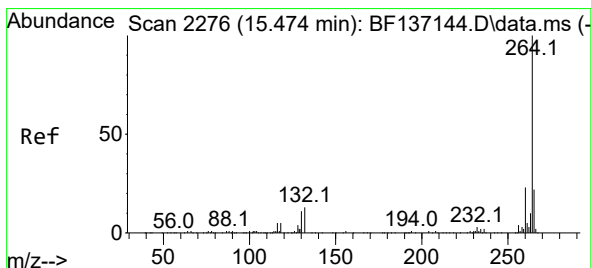
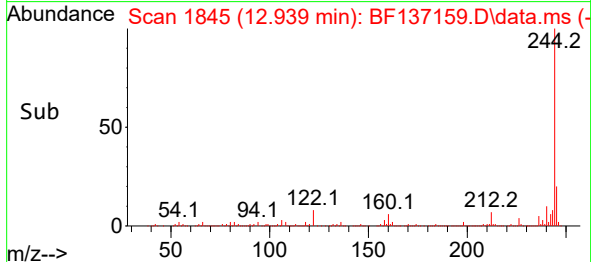
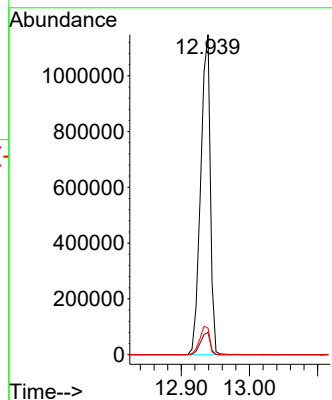
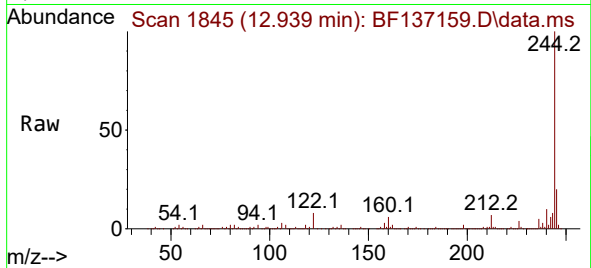




#79
 Terphenyl-d14
 Concen: 88.425 ng
 RT: 12.939 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: BF137159.D
 Acq: 25 Jan 2024 20:57

Instrument :
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 MR-308-17-19

Tgt Ion:244 Resp: 1125277
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 8.3 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: BF137159.D
 Acq: 25 Jan 2024 20:57

Tgt Ion:264 Resp: 167502
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.5 27.7
 265 21.9 17.2 25.8

