

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
 Data File : BF131944.D
 Acq On : 06 Jan 2023 16:30
 Operator : CG\JU
 Sample : 01029-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-205

Quant Time: Jan 07 00:22:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 23:58:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	55357	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	196829	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	98876	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	162592	20.000	ng	0.00
76) Chrysene-d12	13.998	240	124627	20.000	ng	0.00
86) Perylene-d12	15.474	264	99022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	486285	145.579	ng	0.02
7) Phenol-d6	6.440	99	567405	129.290	ng	0.00
23) Nitrobenzene-d5	7.369	82	469654	95.267	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	129483	120.529	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	779111	107.930	ng	0.00
79) Terphenyl-d14	12.939	244	741472	100.637	ng	0.00

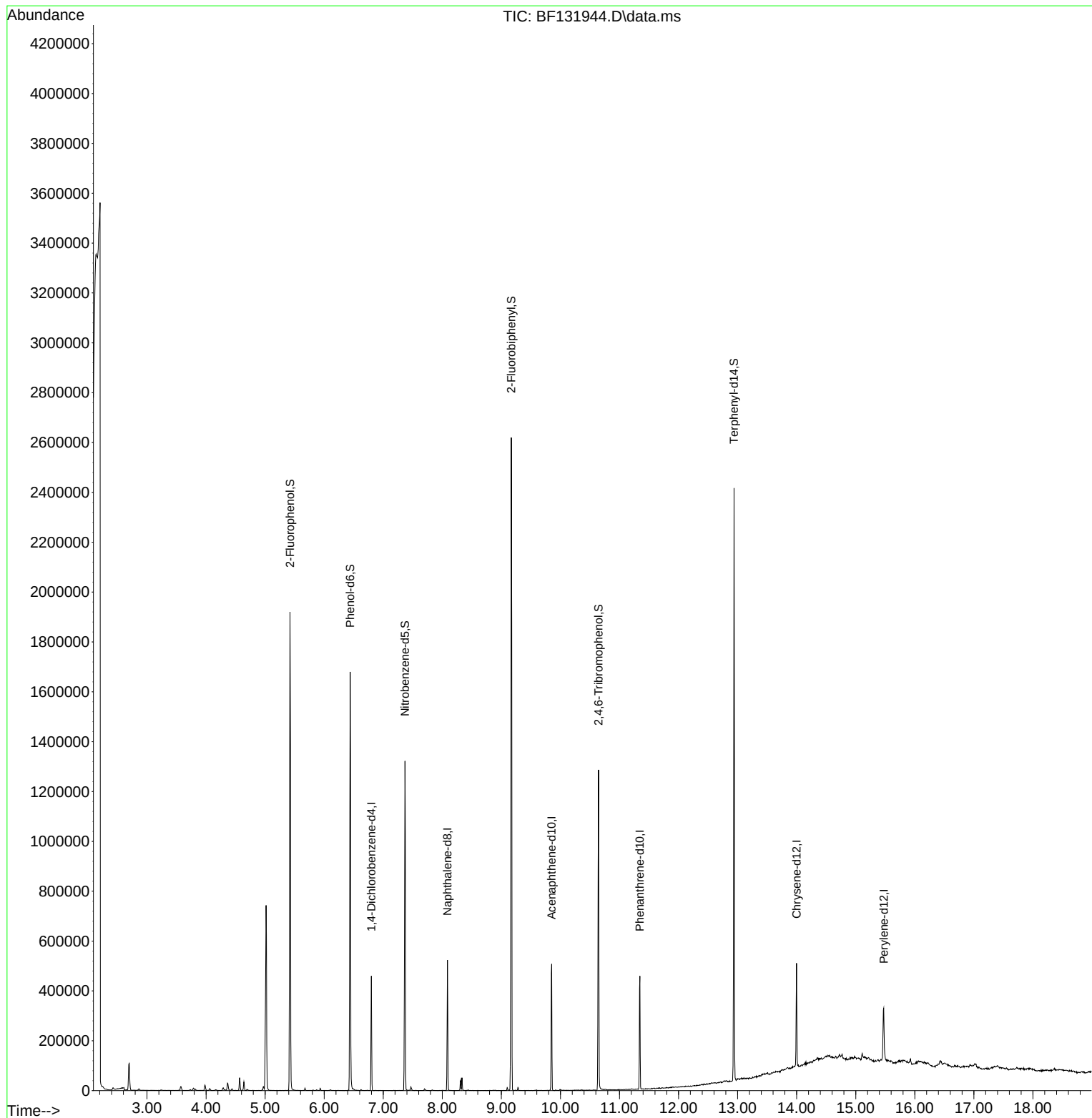
Target Compounds	Qvalue

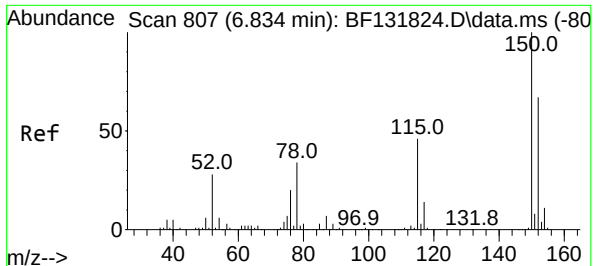
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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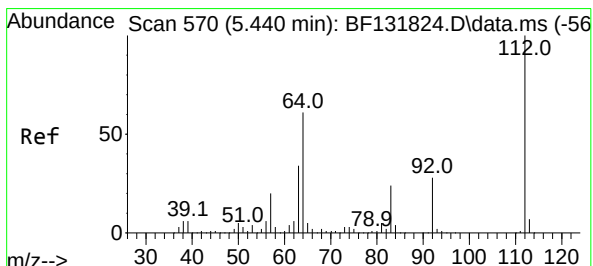
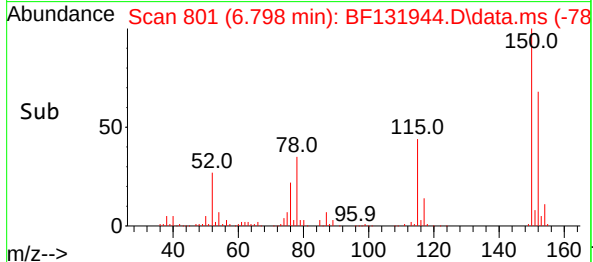
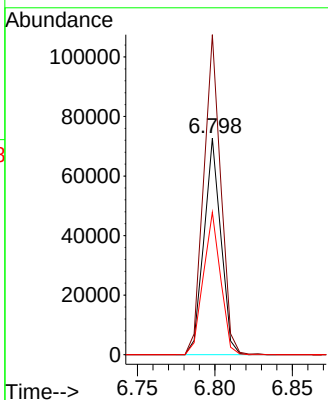
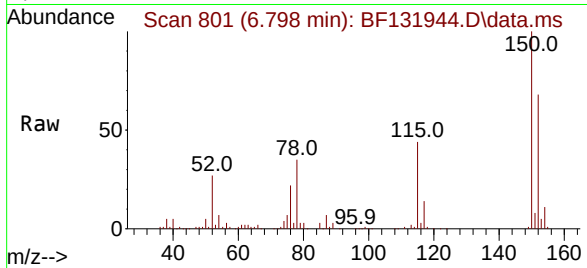




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF131944.D
 Acq: 06 Jan 2023 16:30

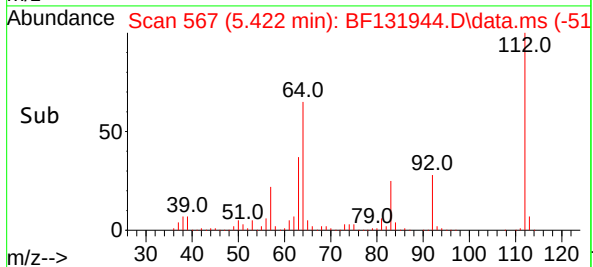
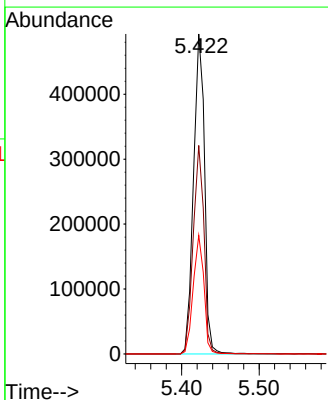
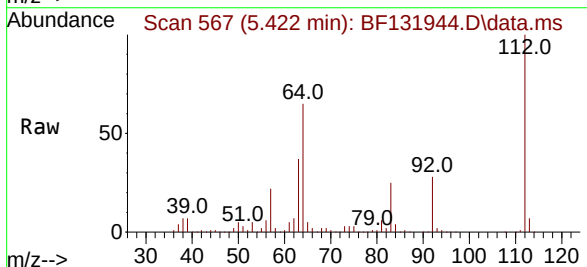
Instrument :
 BNA_F
 ClientSampleId :
 TP-205

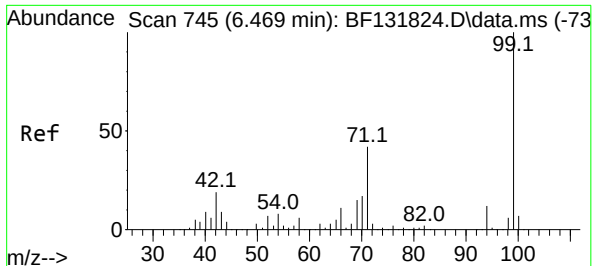
Tgt Ion:152 Resp: 55357
 Ion Ratio Lower Upper
 152 100
 150 147.8 120.0 180.0
 115 65.8 55.1 82.7



#5
 2-Fluorophenol
 Concen: 145.579 ng
 RT: 5.422 min Scan# 567
 Delta R.T. 0.024 min
 Lab File: BF131944.D
 Acq: 06 Jan 2023 16:30

Tgt Ion:112 Resp: 486285
 Ion Ratio Lower Upper
 112 100
 64 65.2 49.2 73.8
 63 37.0 27.5 41.3

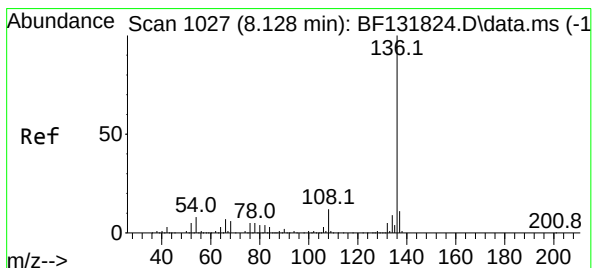
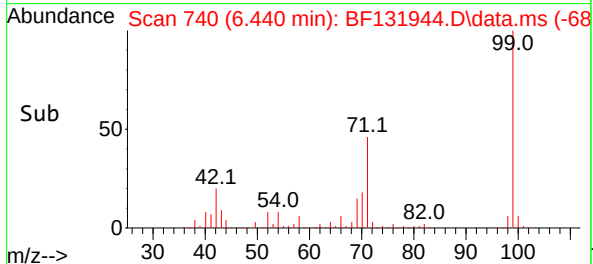
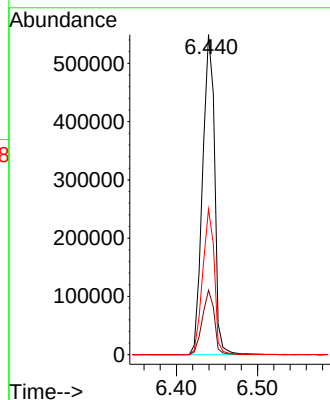
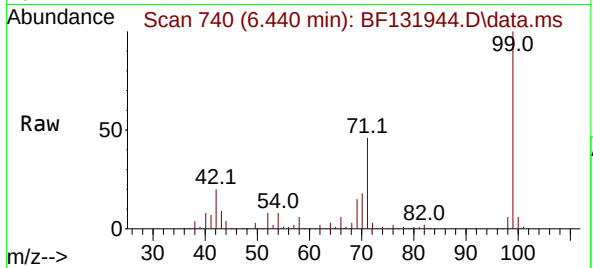




#7
Phenol-d6
Concen: 129.290 ng
RT: 6.440 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF131944.D
Acq: 06 Jan 2023 16:30

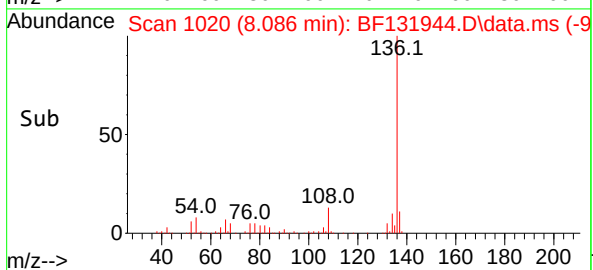
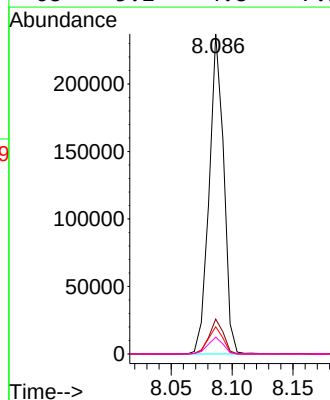
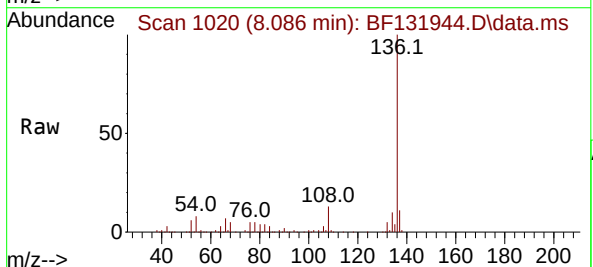
Instrument :
BNA_F
ClientSampleId :
TP-205

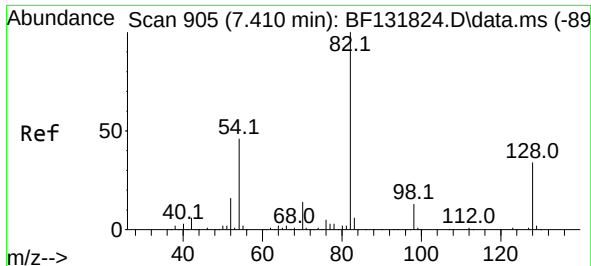
Tgt Ion: 99 Resp: 567405
Ion Ratio Lower Upper
99 100
42 20.2 15.3 22.9
71 45.5 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF131944.D
Acq: 06 Jan 2023 16:30

Tgt Ion: 136 Resp: 196829
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.5 6.7 10.1
68 5.2 4.8 7.2

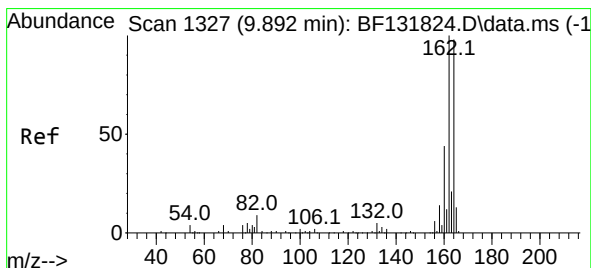
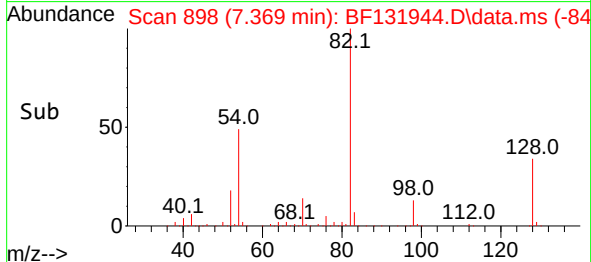
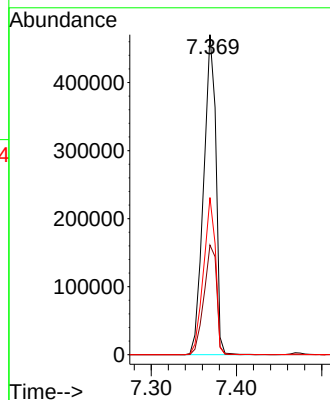
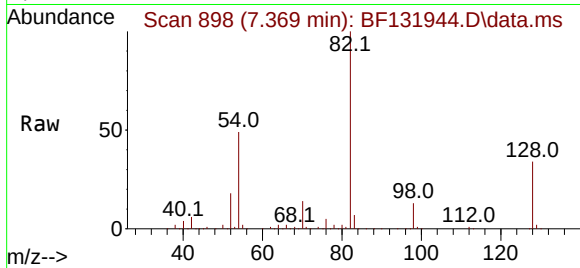




#23
 Nitrobenzene-d5
 Concen: 95.267 ng
 RT: 7.369 min Scan# 89
 Delta R.T. -0.006 min
 Lab File: BF131944.D
 Acq: 06 Jan 2023 16:30

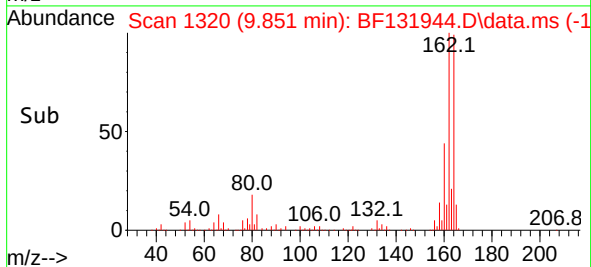
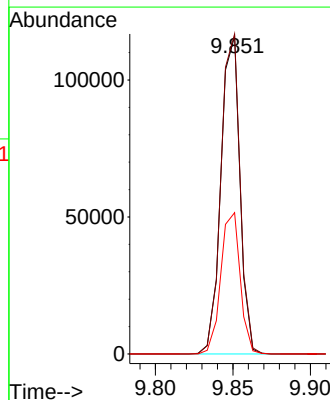
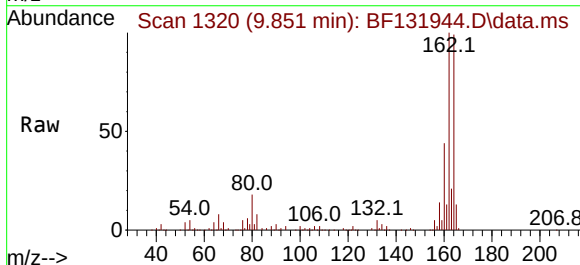
Instrument :
 BNA_F
 ClientSampleId :
 TP-205

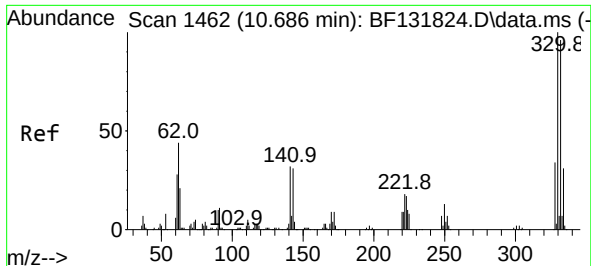
Tgt Ion: 82 Resp: 469654
 Ion Ratio Lower Upper
 82 100
 128 34.2 27.1 40.7
 54 49.1 37.0 55.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.851 min Scan# 1320
 Delta R.T. 0.000 min
 Lab File: BF131944.D
 Acq: 06 Jan 2023 16:30

Tgt Ion:164 Resp: 98876
 Ion Ratio Lower Upper
 164 100
 162 100.8 81.8 122.6
 160 44.5 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 120.529 ng

RT: 10.645 min Scan# 1455

Delta R.T. 0.000 min

Lab File: BF131944.D

Acq: 06 Jan 2023 16:30

Instrument :

BNA_F

ClientSampleId :

TP-205

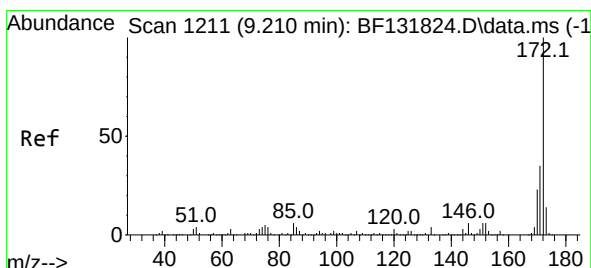
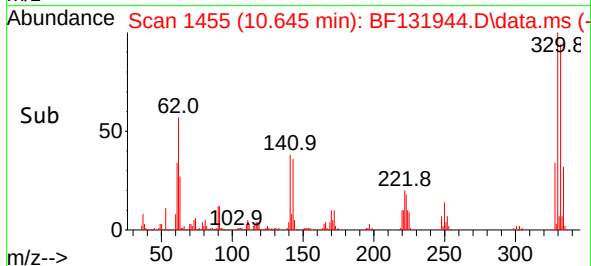
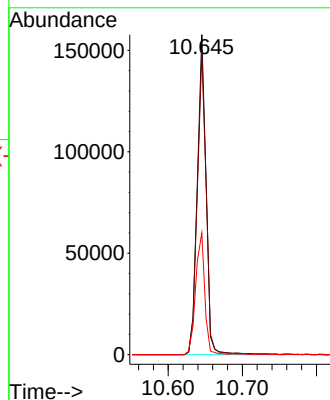
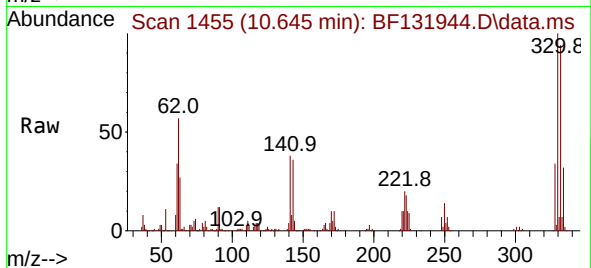
Tgt Ion:330 Resp: 129483

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.4

141 39.2 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 107.930 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BF131944.D

Acq: 06 Jan 2023 16:30

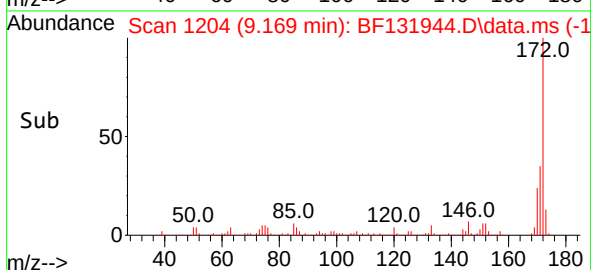
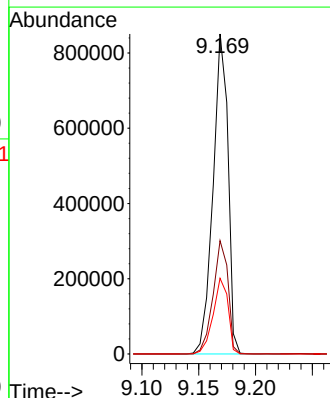
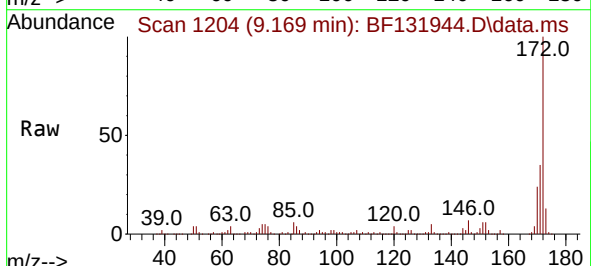
Tgt Ion:172 Resp: 779111

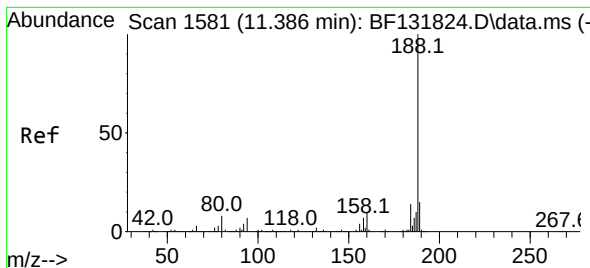
Ion Ratio Lower Upper

172 100

171 35.4 27.9 41.9

170 23.7 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131944.D

Acq: 06 Jan 2023 16:30

Instrument :

BNA_F

ClientSampleId :

TP-205

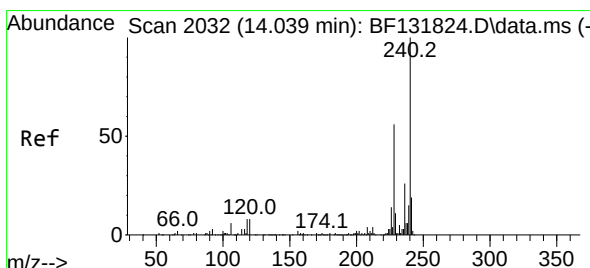
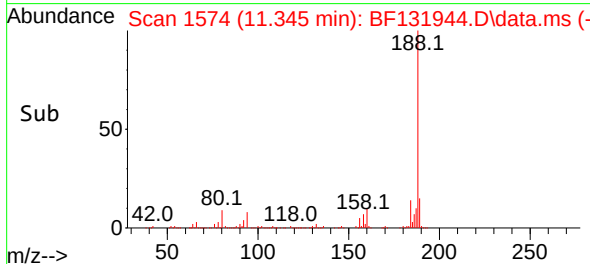
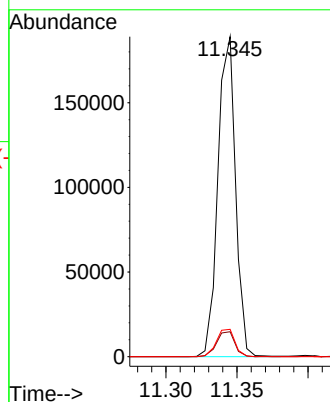
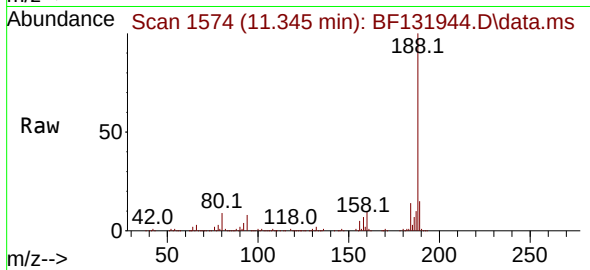
Tgt Ion:188 Resp: 162592

Ion Ratio Lower Upper

188 100

94 7.8 5.8 8.6

80 8.5 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF131944.D

Acq: 06 Jan 2023 16:30

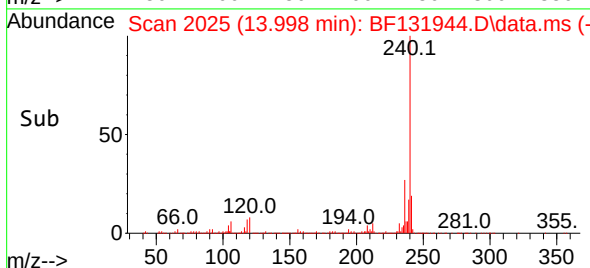
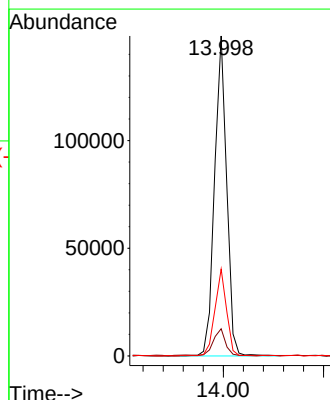
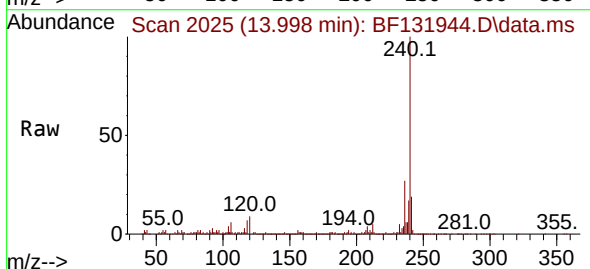
Tgt Ion:240 Resp: 124627

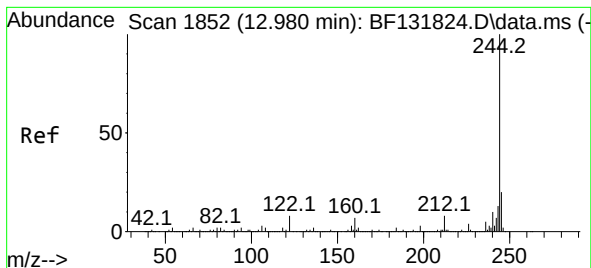
Ion Ratio Lower Upper

240 100

120 8.5 6.7 10.1

236 27.1 20.6 31.0





#79

Terphenyl-d14

Concen: 100.637 ng

RT: 12.939 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131944.D

Acq: 06 Jan 2023 16:30

Instrument :

BNA_F

ClientSampleId :

TP-205

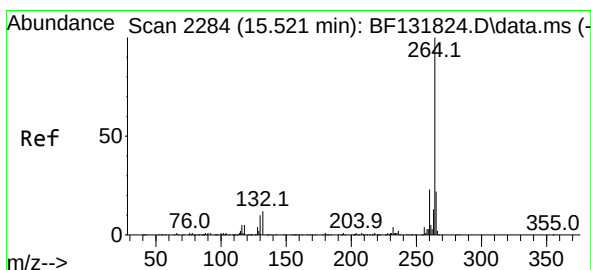
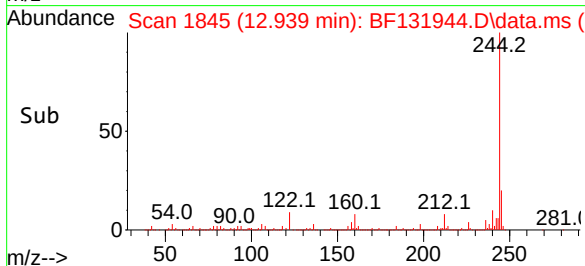
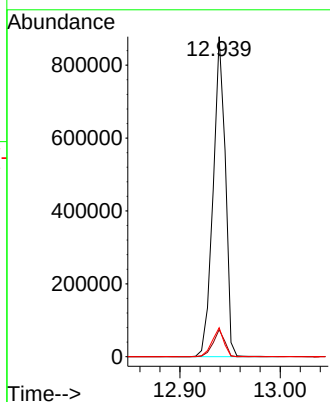
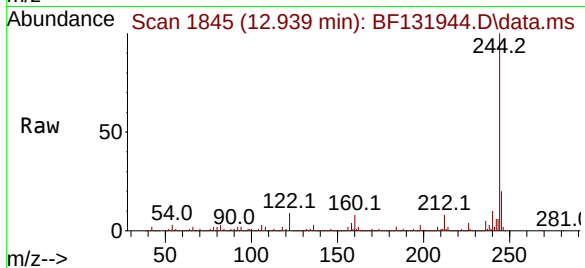
Tgt Ion:244 Resp: 741472

Ion Ratio Lower Upper

244 100

212 8.5 6.3 9.5

122 9.1 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2276

Delta R.T. 0.006 min

Lab File: BF131944.D

Acq: 06 Jan 2023 16:30

Tgt Ion:264 Resp: 99022

Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 20.9 17.4 26.0

