

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140996.D
 Acq On : 27 Dec 2024 15:00
 Operator : RC/JU
 Sample : P5299-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02

Quant Time: Dec 27 15:25:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	239225	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	933657	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	501639	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	863212	20.000	ng	0.00
76) Chrysene-d12	13.974	240	557903	20.000	ng	-0.01
86) Perylene-d12	15.433	264	525276	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	2344195	147.710	ng	0.00
7) Phenol-d6	6.446	99	3021499	147.792	ng	0.00
23) Nitrobenzene-d5	7.387	82	1830138	125.408	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	849294	174.234	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2894268	91.924	ng	0.00
79) Terphenyl-d14	12.933	244	3171421	94.420	ng	0.00

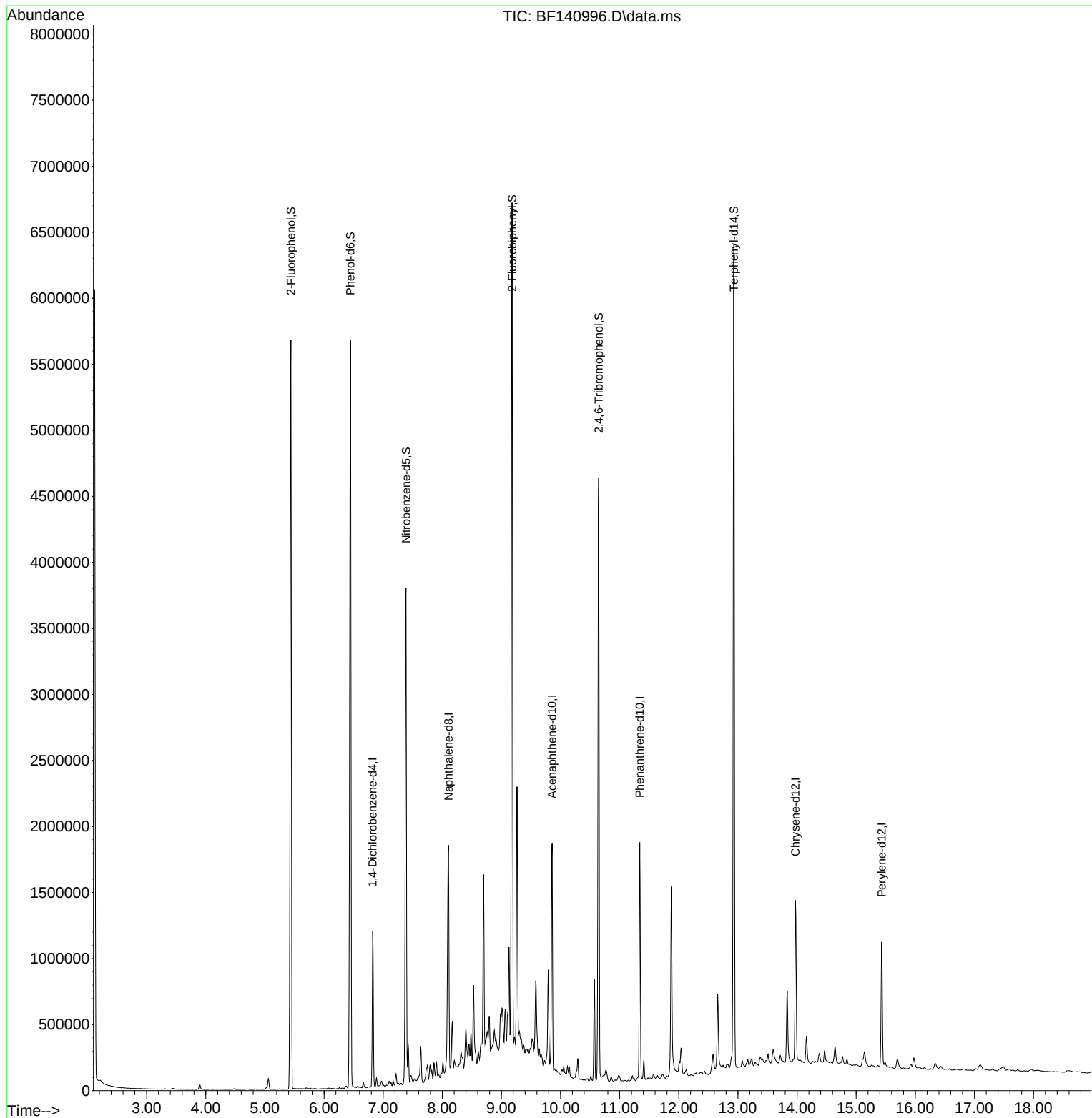
Target Compounds	Qvalue

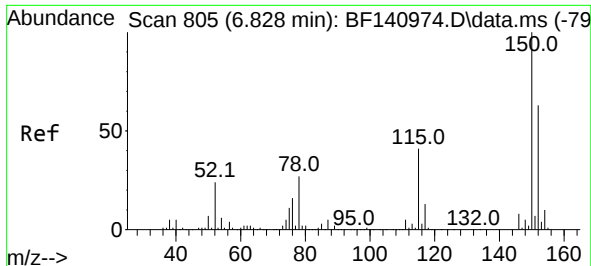
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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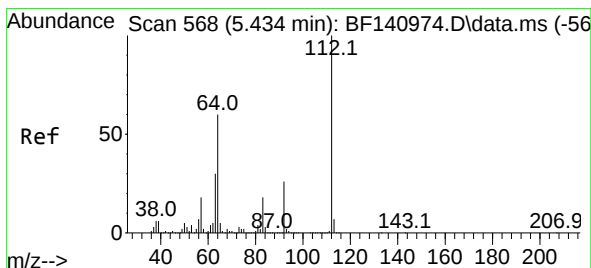
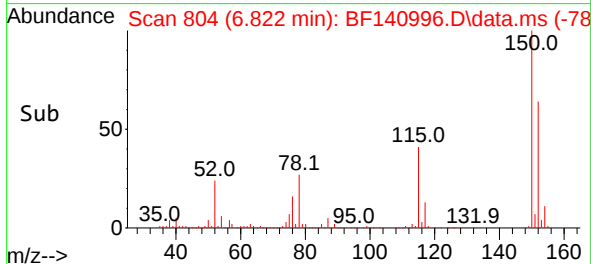
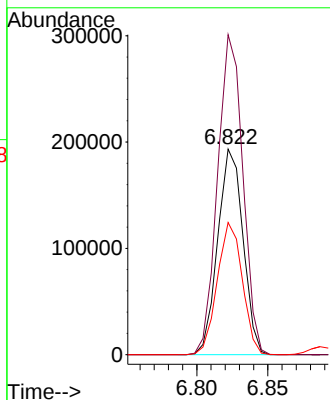
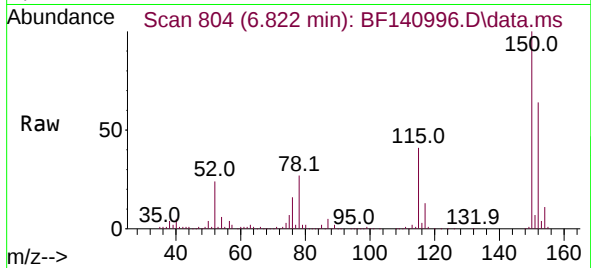




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF140996.D
Acq: 27 Dec 2024 15:00

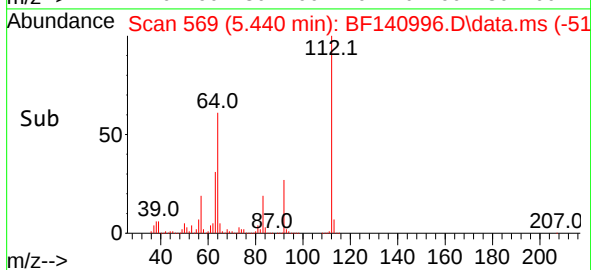
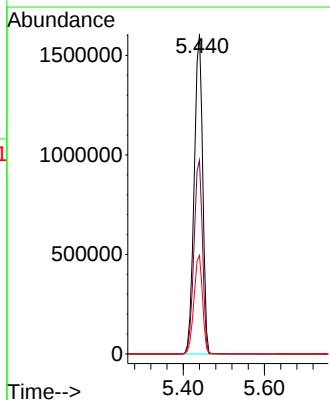
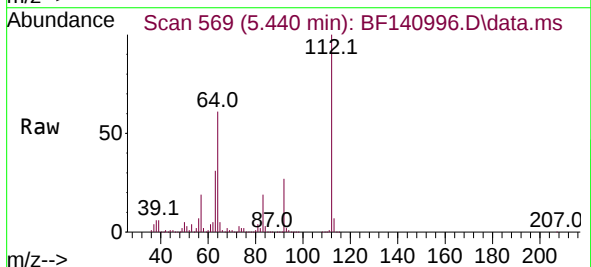
Instrument :
BNA_F
ClientSampleId :
SB-02

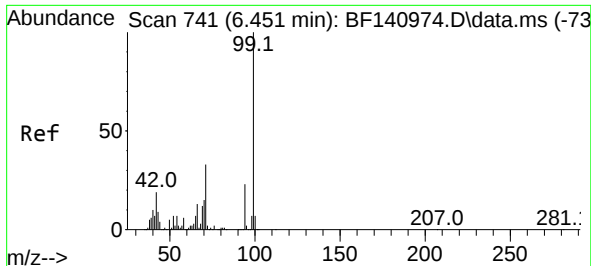
Tgt Ion:152 Resp: 239225
Ion Ratio Lower Upper
152 100
150 155.7 127.0 190.6
115 64.3 51.7 77.5



#5
2-Fluorophenol
Concen: 147.710 ng
RT: 5.440 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF140996.D
Acq: 27 Dec 2024 15:00

Tgt Ion:112 Resp: 2344195
Ion Ratio Lower Upper
112 100
64 60.6 47.7 71.5
63 30.8 24.2 36.2

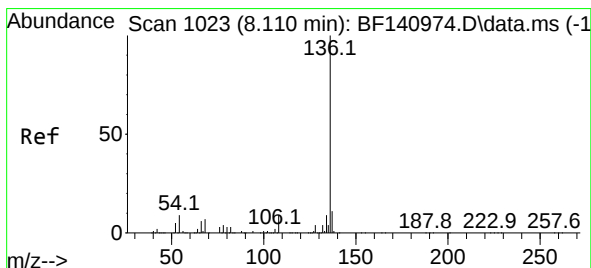
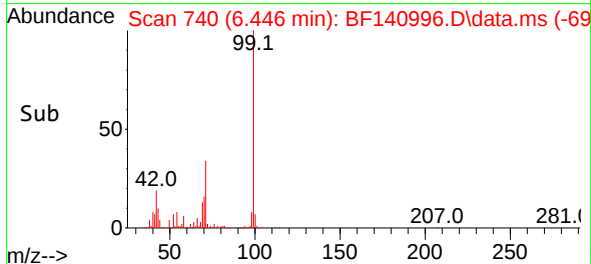
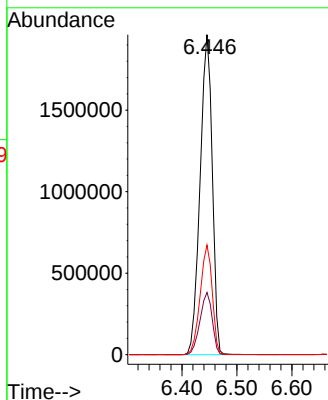
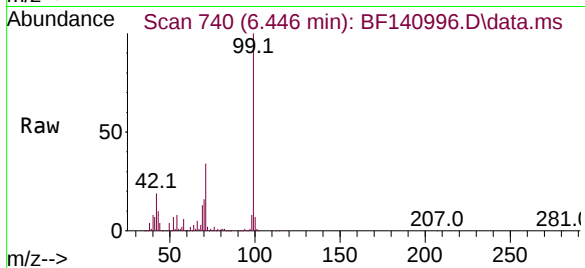




#7
Phenol-d6
Concen: 147.792 ng
RT: 6.446 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF140996.D
Acq: 27 Dec 2024 15:00

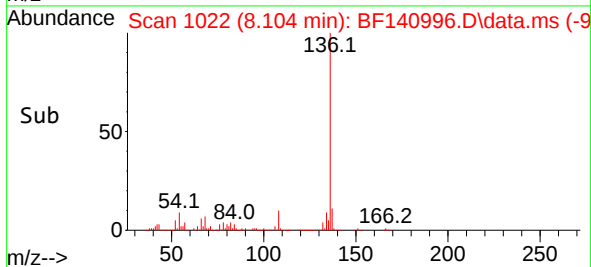
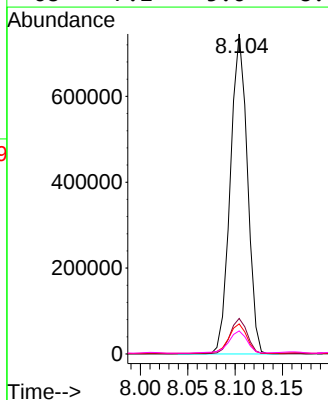
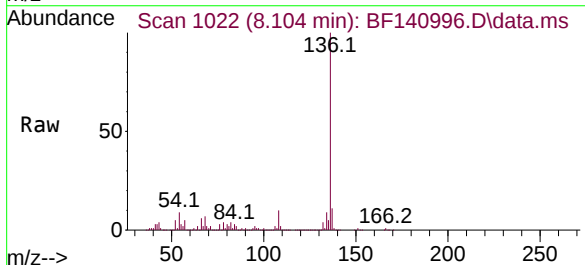
Instrument :
BNA_F
ClientSampleId :
SB-02

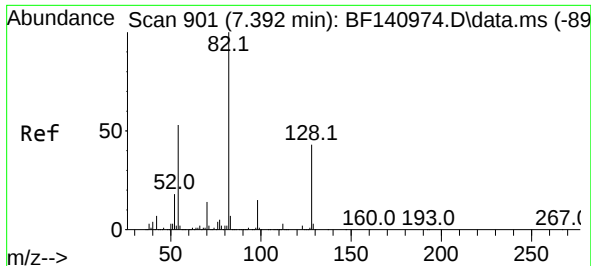
Tgt Ion: 99 Resp: 3021499
Ion Ratio Lower Upper
99 100
42 19.4 15.0 22.4
71 34.2 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF140996.D
Acq: 27 Dec 2024 15:00

Tgt Ion: 136 Resp: 933657
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 9.4 7.6 11.4
68 7.2 5.6 8.4





#23

Nitrobenzene-d5

Concen: 125.408 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF140996.D

Acq: 27 Dec 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SB-02

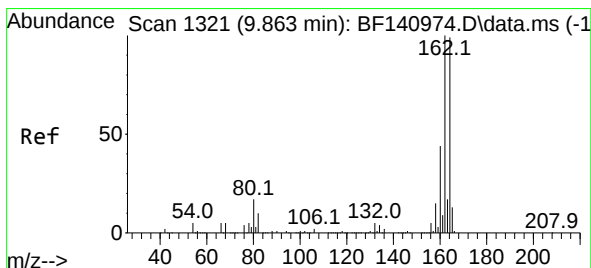
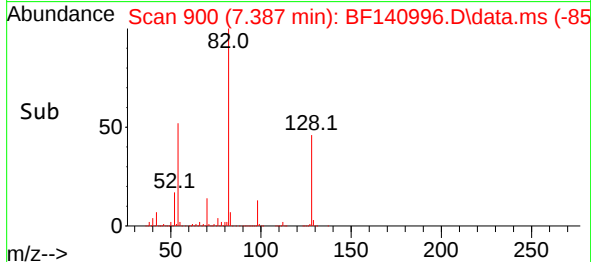
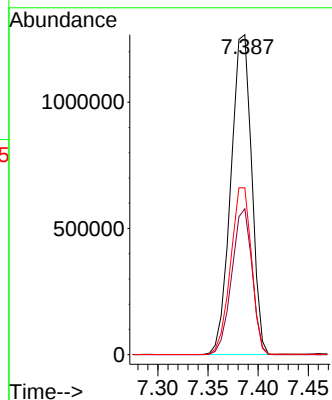
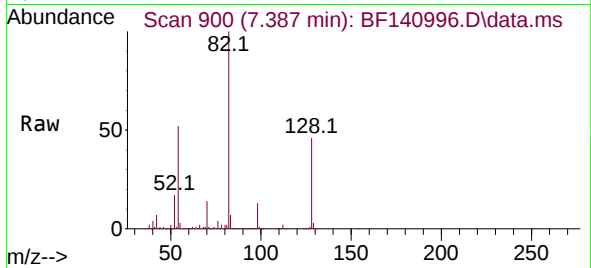
Tgt Ion: 82 Resp: 1830138

Ion Ratio Lower Upper

82 100

128 45.6 34.4 51.6

54 52.2 42.4 63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF140996.D

Acq: 27 Dec 2024 15:00

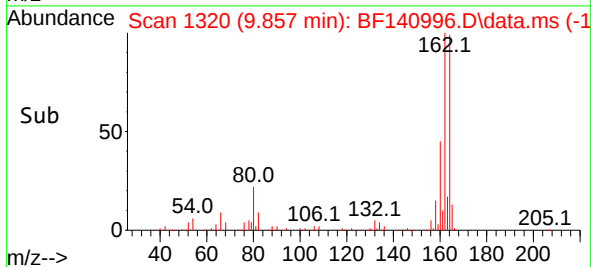
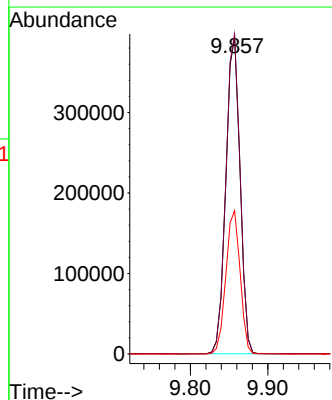
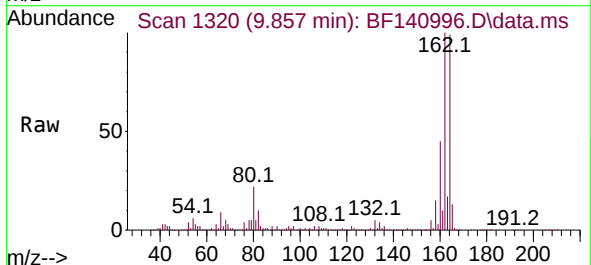
Tgt Ion:164 Resp: 501639

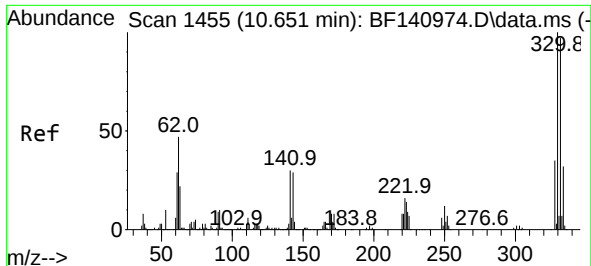
Ion Ratio Lower Upper

164 100

162 101.1 80.6 120.8

160 45.3 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 174.234 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF140996.D

Acq: 27 Dec 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SB-02

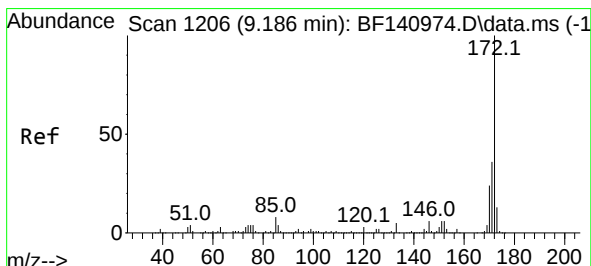
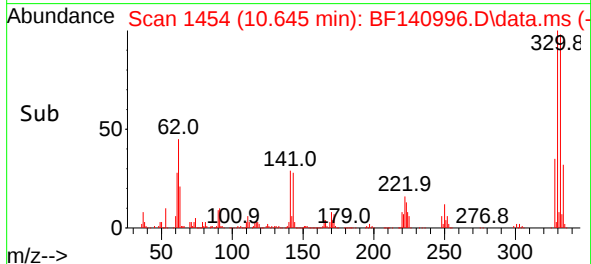
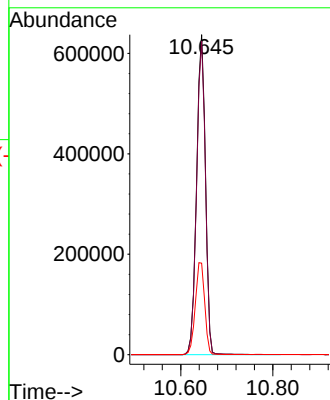
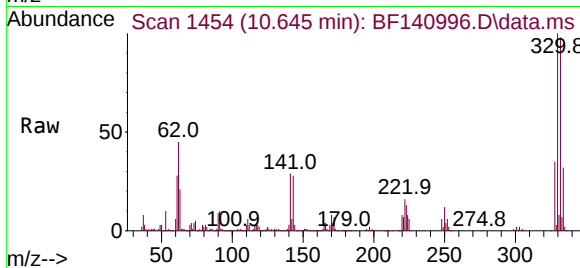
Tgt Ion:330 Resp: 849294

Ion Ratio Lower Upper

330 100

332 97.8 78.0 117.0

141 30.4 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 91.924 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF140996.D

Acq: 27 Dec 2024 15:00

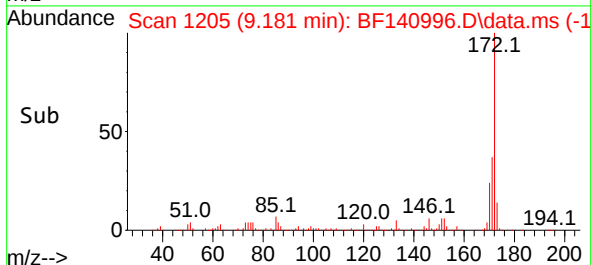
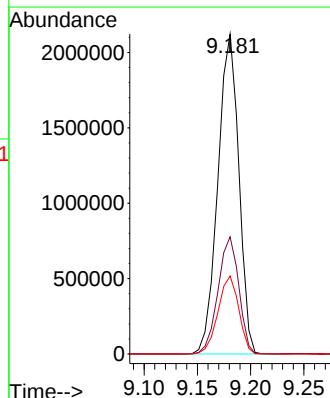
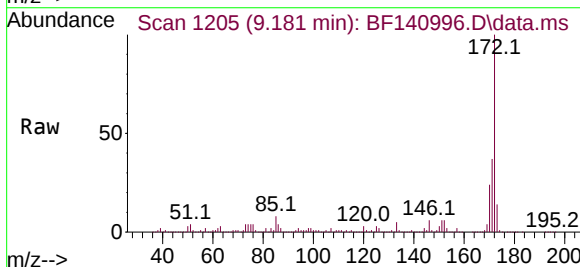
Tgt Ion:172 Resp: 2894268

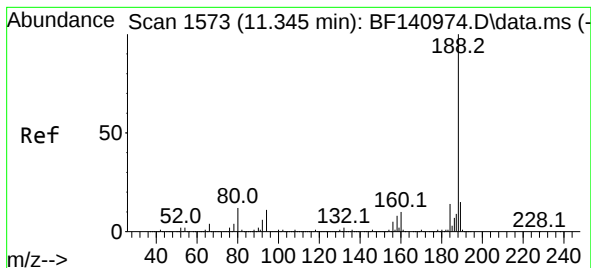
Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.4

170 24.3 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140996.D

Acq: 27 Dec 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SB-02

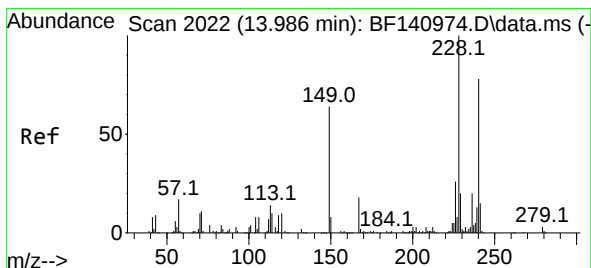
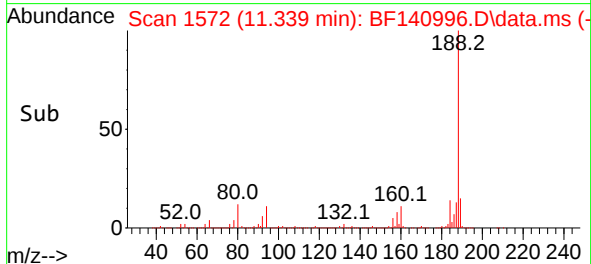
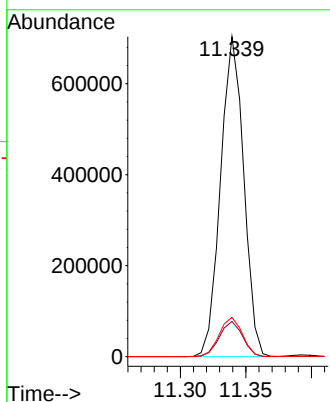
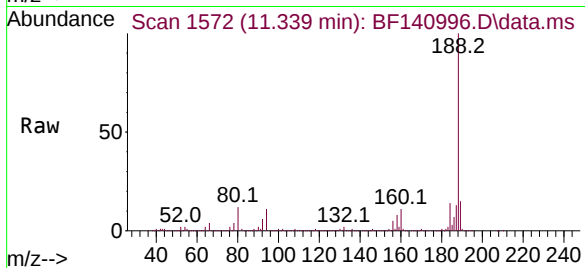
Tgt Ion:188 Resp: 863212

Ion Ratio Lower Upper

188 100

94 11.0 9.0 13.6

80 12.3 9.8 14.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.012 min

Lab File: BF140996.D

Acq: 27 Dec 2024 15:00

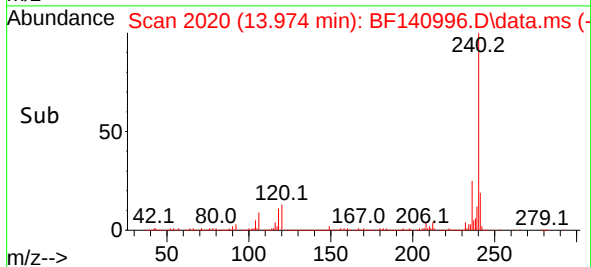
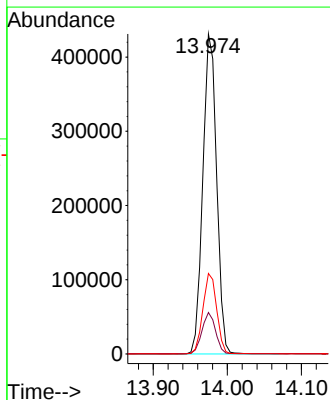
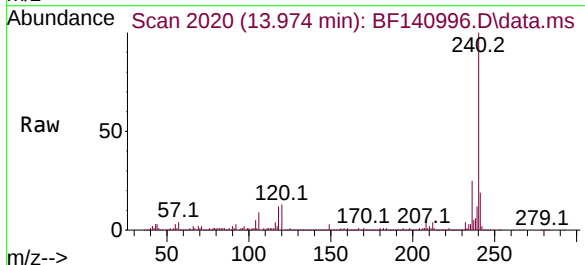
Tgt Ion:240 Resp: 557903

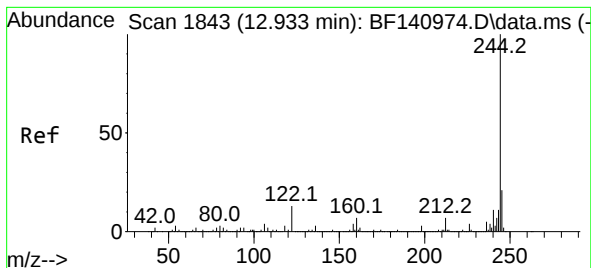
Ion Ratio Lower Upper

240 100

120 12.9 10.7 16.1

236 25.1 20.6 31.0





#79

Terphenyl-d14

Concen: 94.420 ng

RT: 12.933 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140996.D

Acq: 27 Dec 2024 15:00

Instrument :

BNA_F

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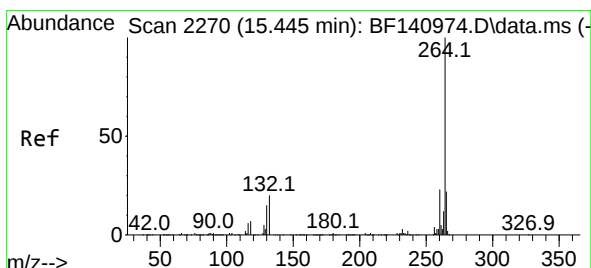
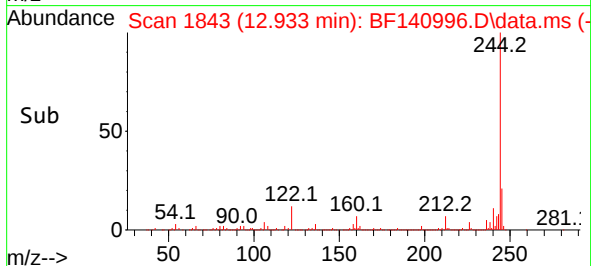
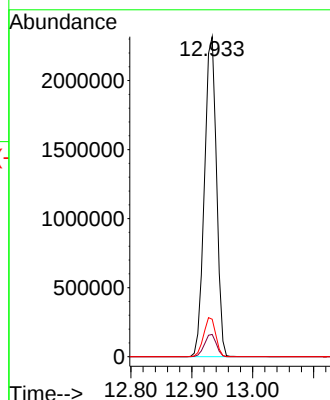
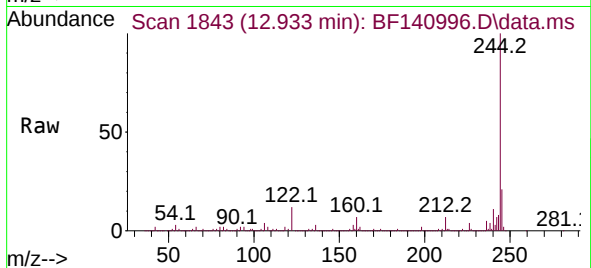
Tgt Ion:244 Resp: 3171421

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 11.7 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2268

Delta R.T. -0.012 min

Lab File: BF140996.D

Acq: 27 Dec 2024 15:00

Tgt Ion:264 Resp: 525276

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 21.5 17.4 26.2

