

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141022.D
 Acq On : 30 Dec 2024 10:43
 Operator : RC/JU
 Sample : PB165858TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165858TB

Quant Time: Dec 30 11:09:30 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	6.828	152	261082	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1035808	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	557988	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	953209	20.000	ng	0.00
76) Chrysene-d12	13.986	240	718934	20.000	ng	0.00
86) Perylene-d12	15.451	264	570504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2467503	142.463	ng	0.02
7) Phenol-d6	6.451	99	3081976	138.129	ng	0.00
23) Nitrobenzene-d5	7.387	82	1912945	118.155	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	916260	168.989	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	3480771	99.387	ng	0.00
79) Terphenyl-d14	12.939	244	4073487	94.112	ng	0.00

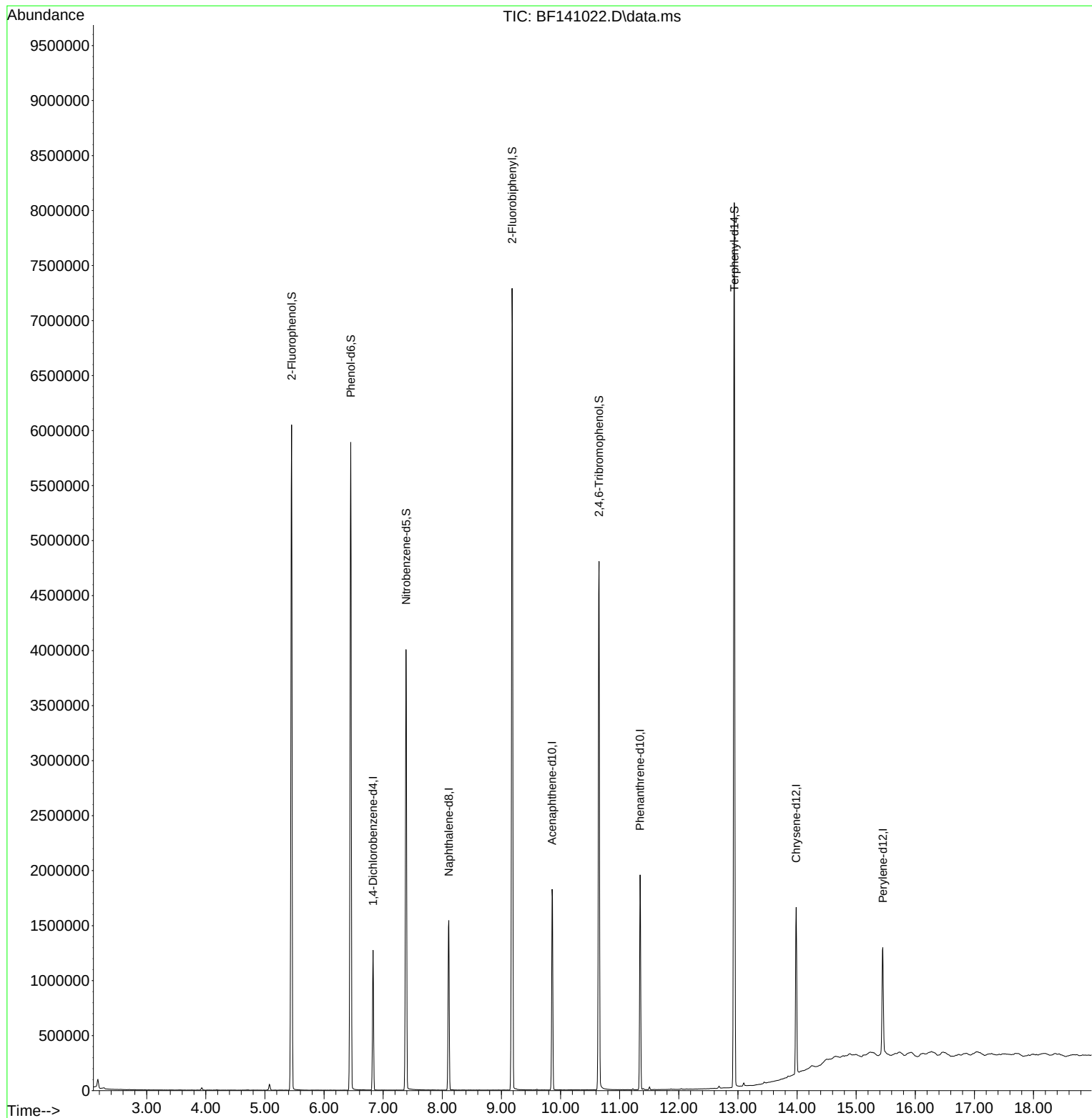
Target Compounds	Qvalue

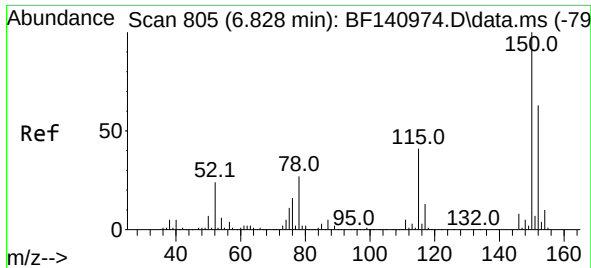
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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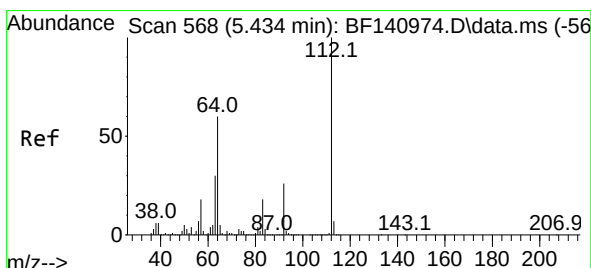
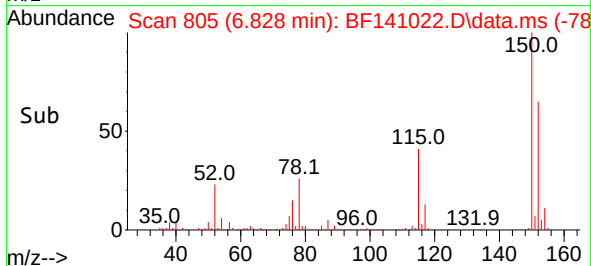
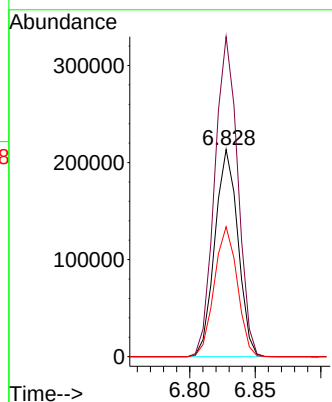
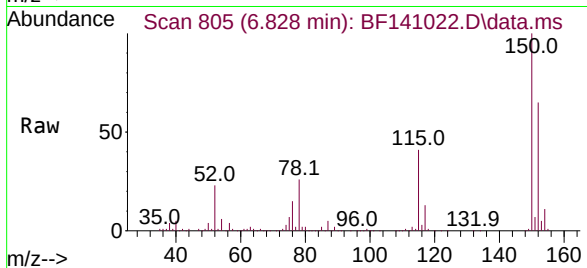




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF141022.D
 Acq: 30 Dec 2024 10:43

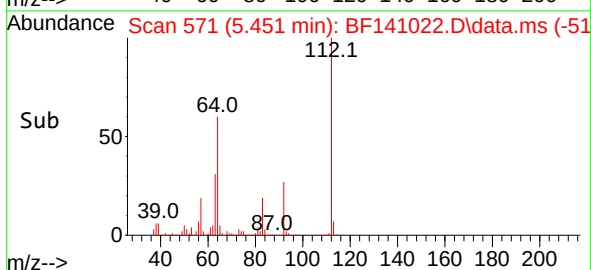
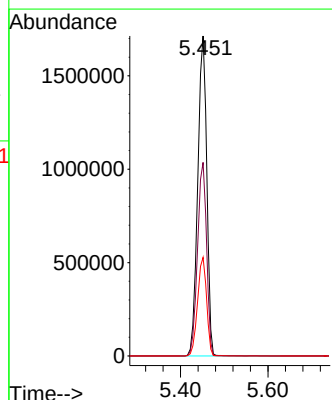
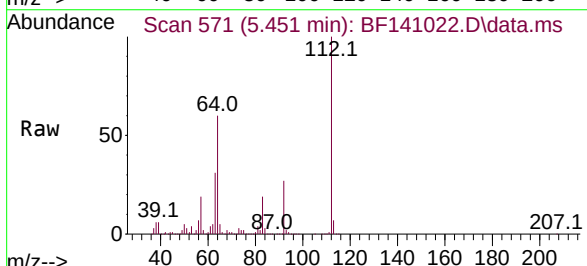
Instrument :
 BNA_F
 ClientSampleId :
 PB165858TB

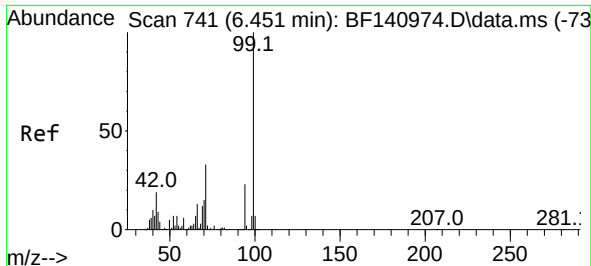
Tgt Ion:152 Resp: 261082
 Ion Ratio Lower Upper
 152 100
 150 154.4 127.0 190.6
 115 62.7 51.7 77.5



#5
 2-Fluorophenol
 Concen: 142.463 ng
 RT: 5.451 min Scan# 571
 Delta R.T. 0.018 min
 Lab File: BF141022.D
 Acq: 30 Dec 2024 10:43

Tgt Ion:112 Resp: 2467503
 Ion Ratio Lower Upper
 112 100
 64 60.5 47.7 71.5
 63 30.8 24.2 36.2



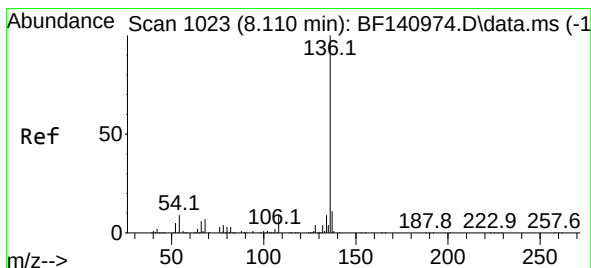
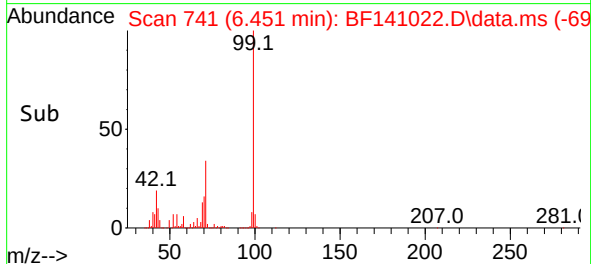
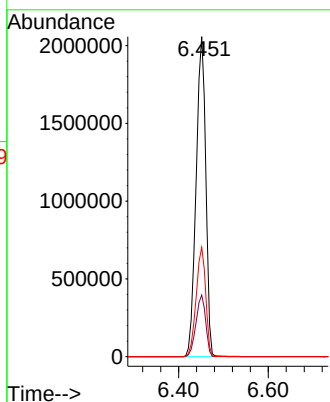
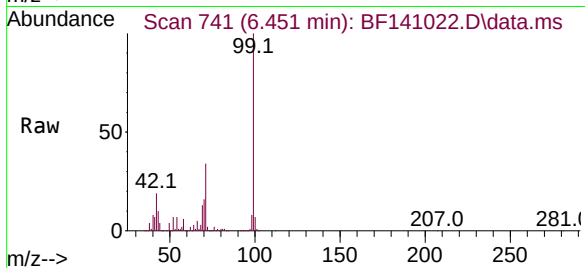


#7
Phenol-d6
Concen: 138.129 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF141022.D
Acq: 30 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
PB165858TB

Tgt Ion: 99 Resp: 3081976

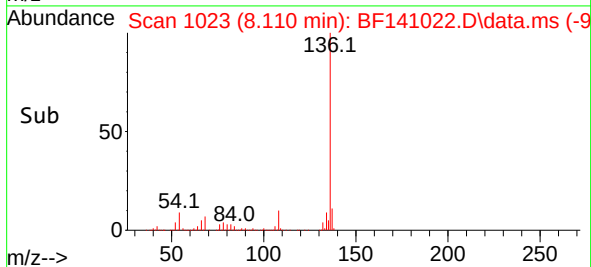
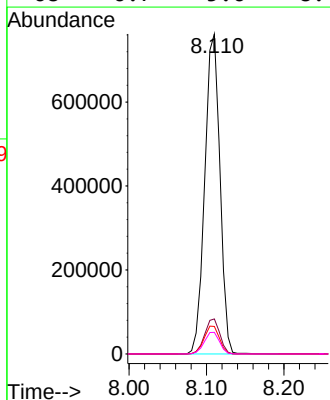
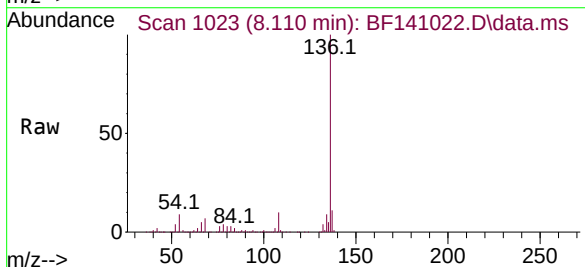
Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.0	22.4
71	34.2	26.2	39.2

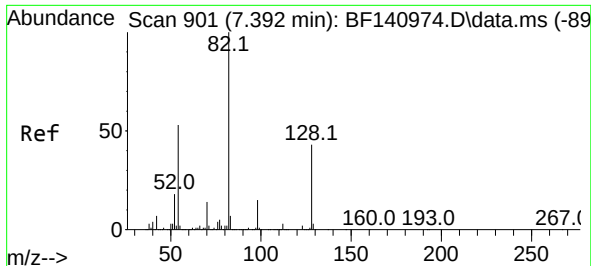


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF141022.D
Acq: 30 Dec 2024 10:43

Tgt Ion: 136 Resp: 1035808

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	8.6	7.6	11.4
68	6.7	5.6	8.4

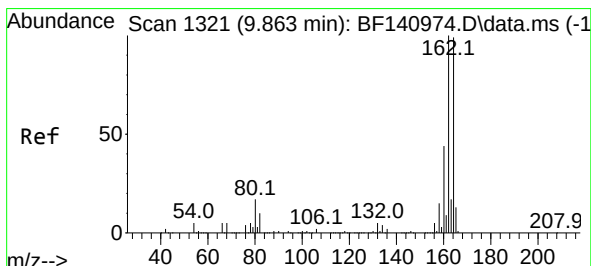
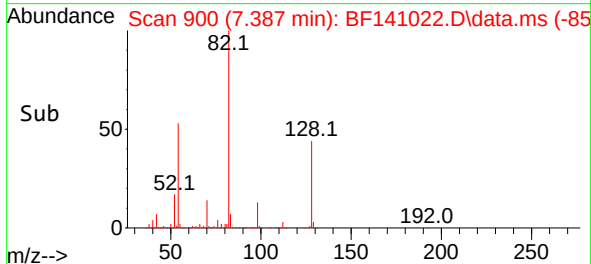
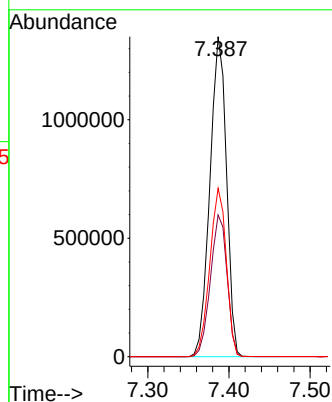
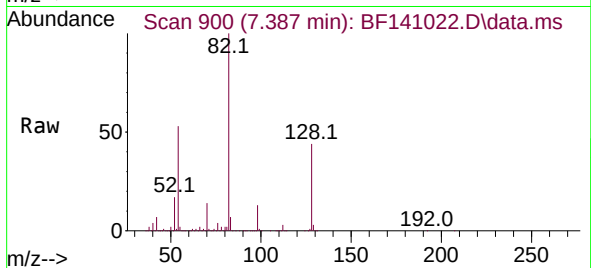




#23
Nitrobenzene-d5
Concen: 118.155 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF141022.D
Acq: 30 Dec 2024 10:43

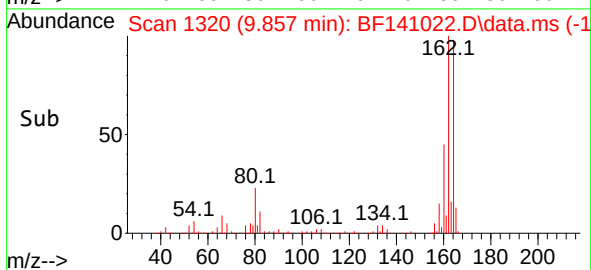
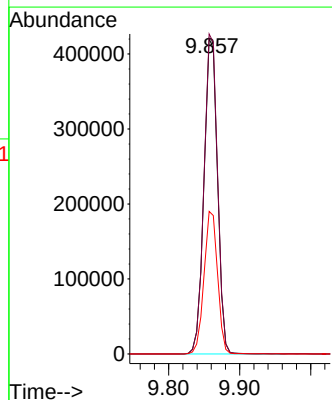
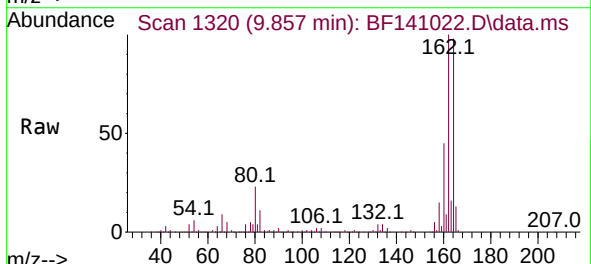
Instrument :
BNA_F
ClientSampleId :
PB165858TB

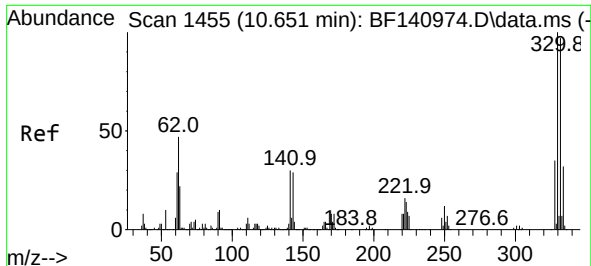
Tgt Ion: 82 Resp: 1912945
Ion Ratio Lower Upper
82 100
128 44.3 34.4 51.6
54 52.6 42.4 63.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF141022.D
Acq: 30 Dec 2024 10:43

Tgt Ion: 164 Resp: 557988
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 45.3 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 168.989 ng

RT: 10.651 min Scan# 1455

Delta R.T. 0.000 min

Lab File: BF141022.D

Acq: 30 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB165858TB

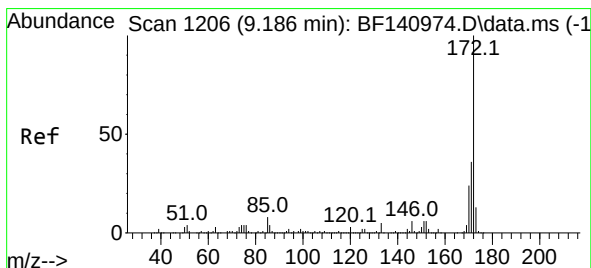
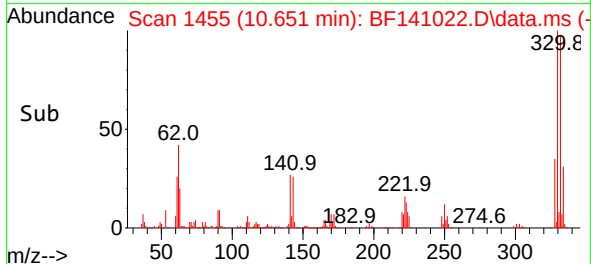
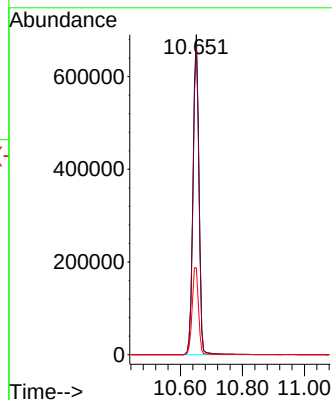
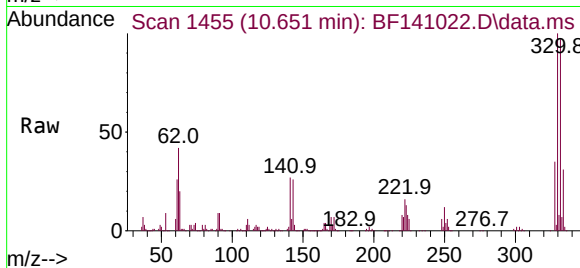
Tgt Ion:330 Resp: 916260

Ion Ratio Lower Upper

330 100

332 96.6 78.0 117.0

141 29.2 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 99.387 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF141022.D

Acq: 30 Dec 2024 10:43

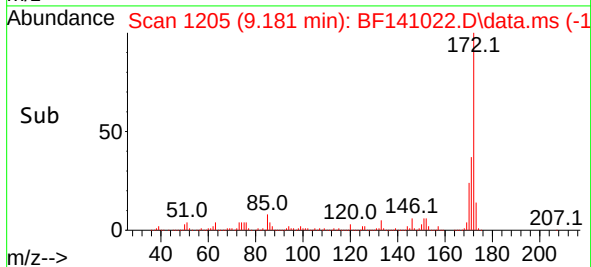
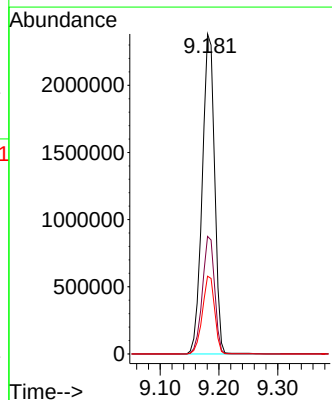
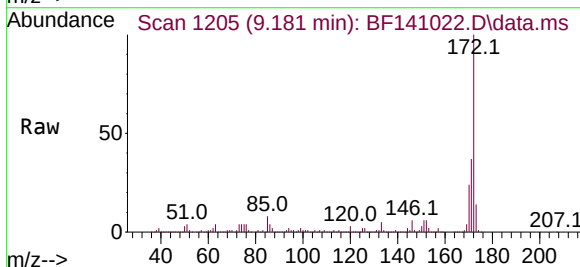
Tgt Ion:172 Resp: 3480771

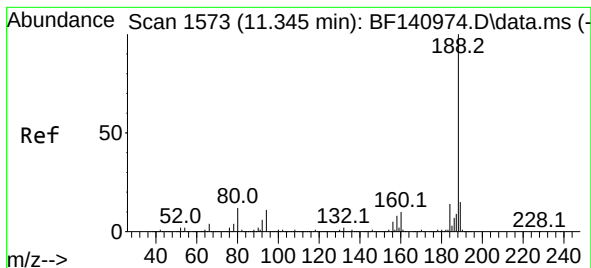
Ion Ratio Lower Upper

172 100

171 36.8 29.0 43.4

170 24.3 19.6 29.4

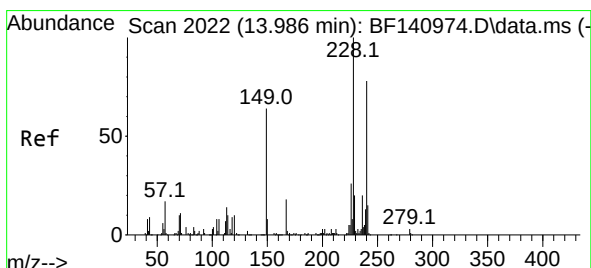
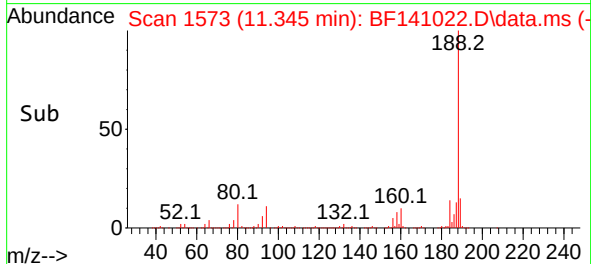
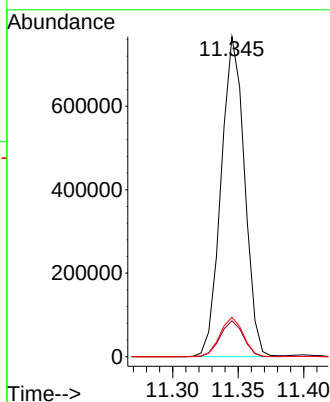
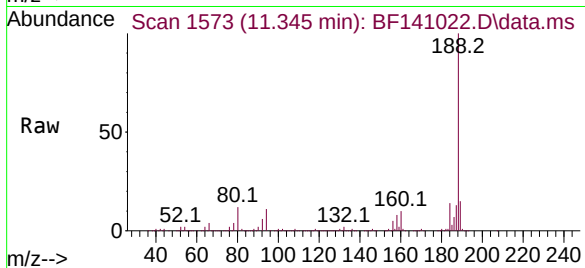




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141022.D
Acq: 30 Dec 2024 10:43

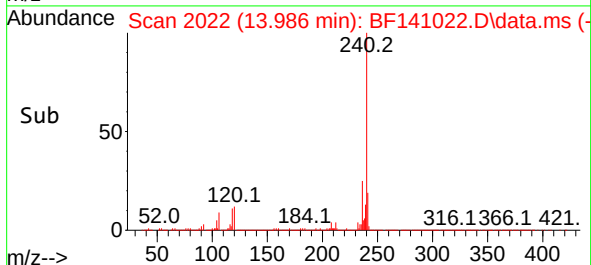
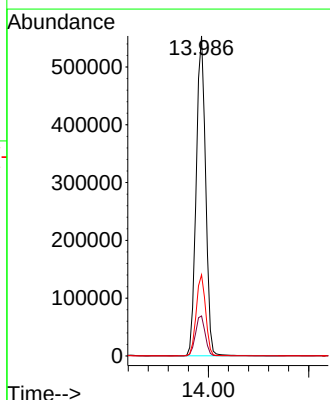
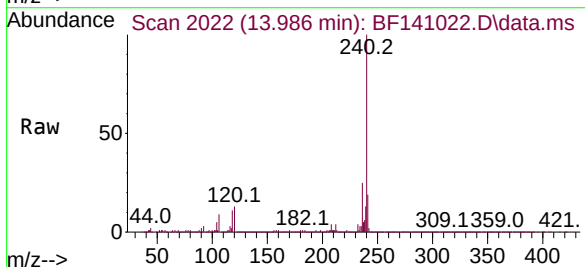
Instrument :
BNA_F
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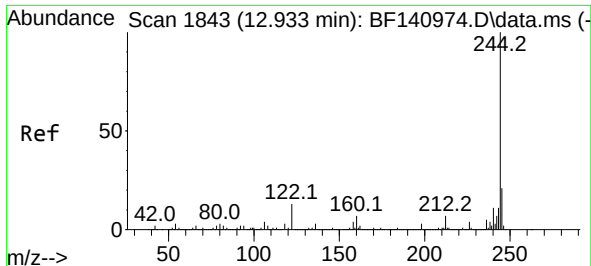
Tgt Ion:188 Resp: 953209
Ion Ratio Lower Upper
188 100
94 11.2 9.0 13.6
80 12.3 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF141022.D
Acq: 30 Dec 2024 10:43

Tgt Ion:240 Resp: 718934
Ion Ratio Lower Upper
240 100
120 12.5 10.7 16.1
236 25.3 20.6 31.0

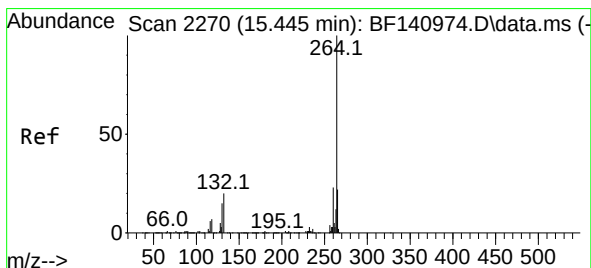
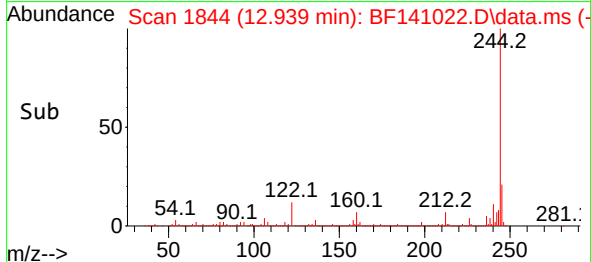
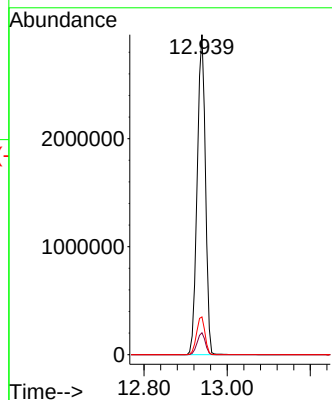
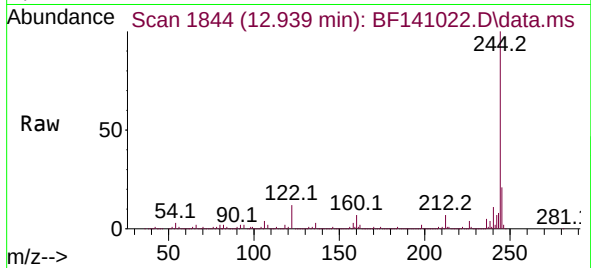




#79
Terphenyl-d14
Concen: 94.112 ng
RT: 12.939 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF141022.D
Acq: 30 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
PB165858TB

Tgt Ion:244 Resp: 4073487
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 11.8 10.2 15.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF141022.D
Acq: 30 Dec 2024 10:43

Tgt Ion:264 Resp: 570504
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 21.3 17.4 26.2

