

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140901.D
Acq On : 18 Dec 2024 13:12
Operator : RC/JU
Sample : PB165682BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165682BL

Quant Time: Dec 18 13:52:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	57419	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	271902	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	163491	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	302090	20.000	ng	0.00
76) Chrysene-d12	14.027	240	235033	20.000	ng	0.00
86) Perylene-d12	15.527	264	191250	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	556055	159.419	ng	0.01
7) Phenol-d6	6.498	99	727466	157.464	ng	0.00
23) Nitrobenzene-d5	7.416	82	504528	92.835	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	284578	147.173	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1180754	99.294	ng	0.00
79) Terphenyl-d14	12.963	244	1488595	99.872	ng	0.00

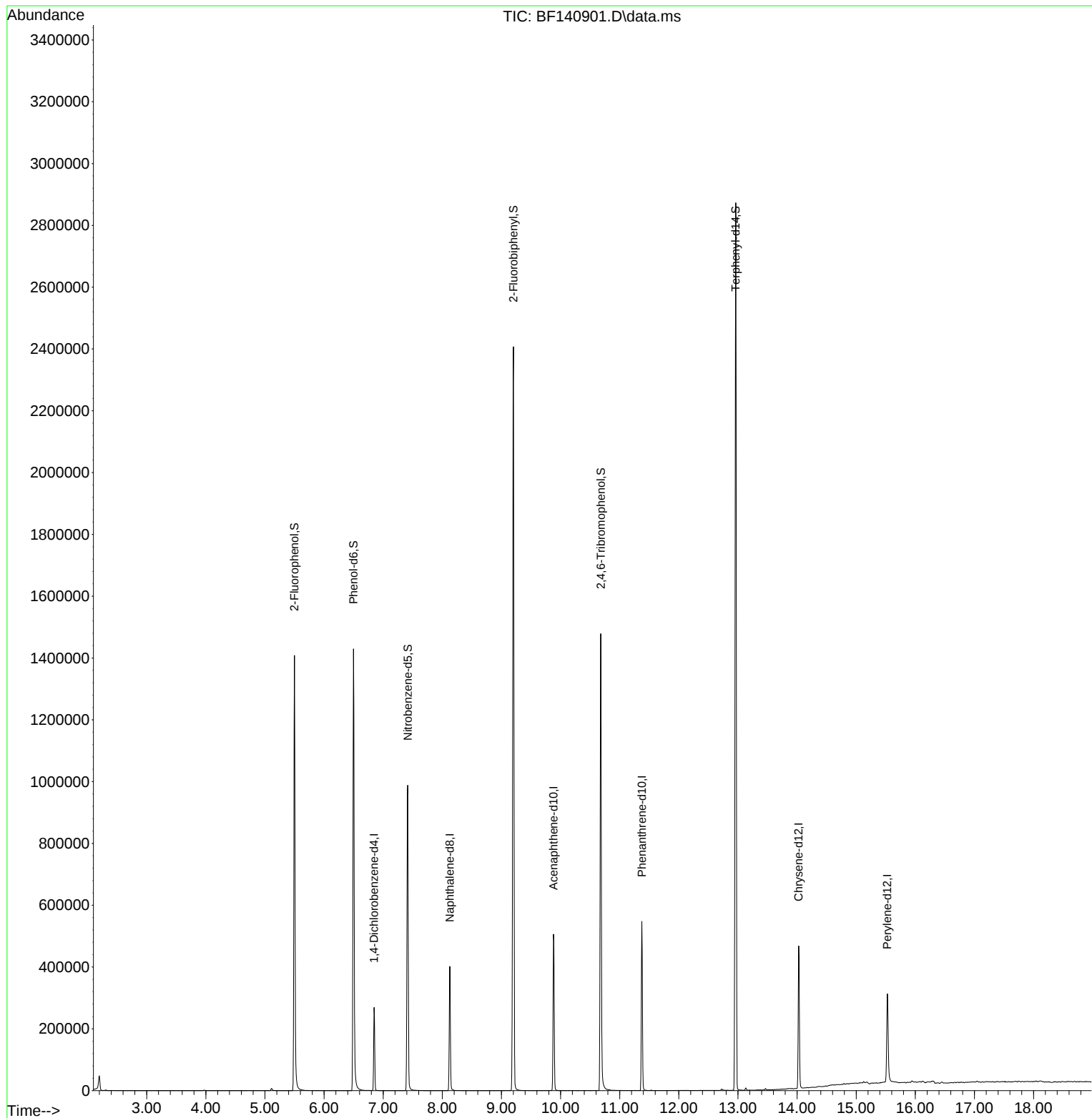
Target Compounds	Qvalue

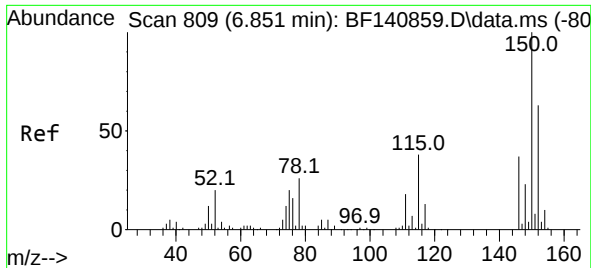
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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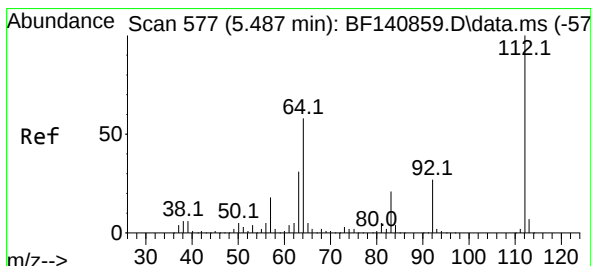
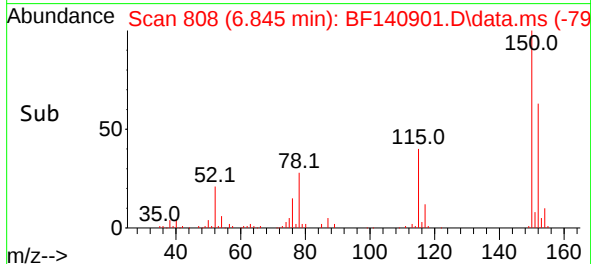
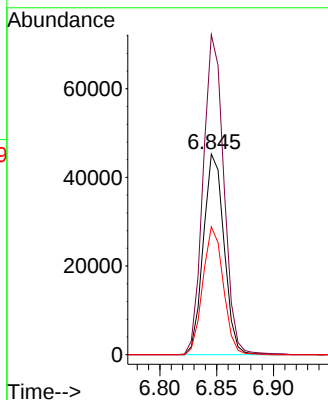
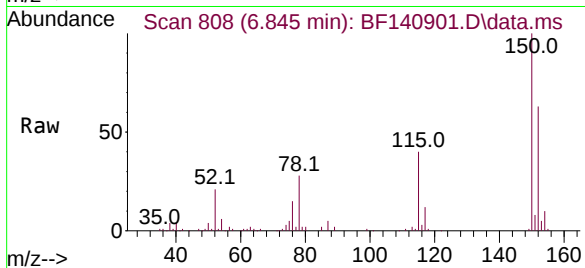




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

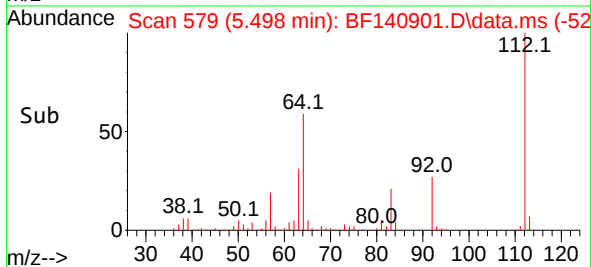
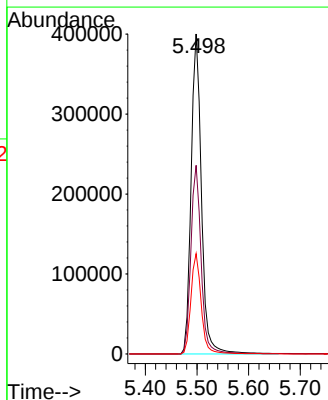
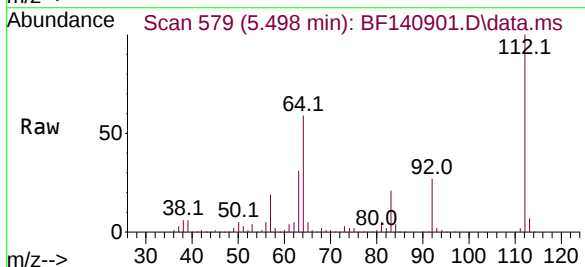
Instrument :
BNA_F
ClientSampleId :
PB165682BL

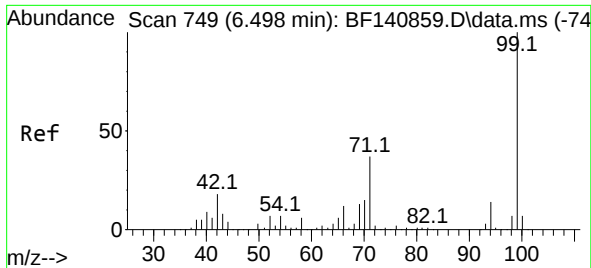
Tgt Ion:152 Resp: 57419
Ion Ratio Lower Upper
152 100
150 159.5 127.9 191.9
115 63.7 48.0 72.0



#5
2-Fluorophenol
Concen: 159.419 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

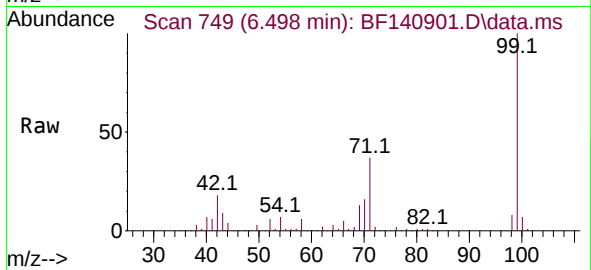
Tgt Ion:112 Resp: 556055
Ion Ratio Lower Upper
112 100
64 58.9 46.1 69.1
63 31.3 24.9 37.3





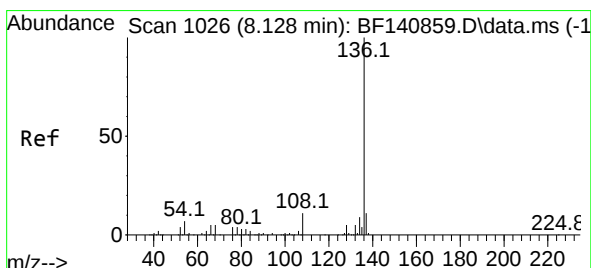
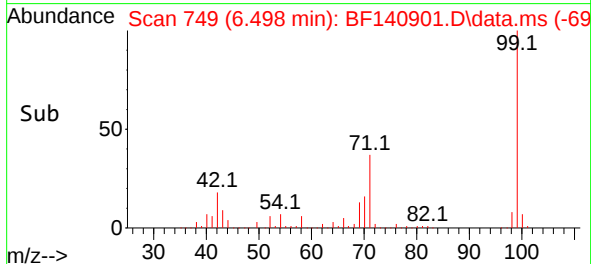
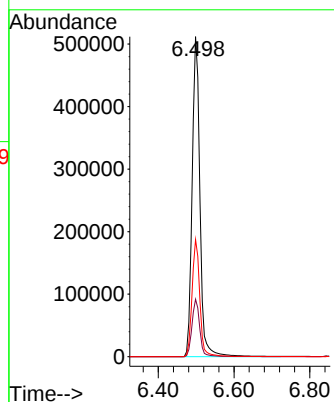
#7
Phenol-d6
Concen: 157.464 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

Instrument :
BNA_F
ClientSampleId :
PB165682BL



Tgt Ion: 99 Resp: 727466

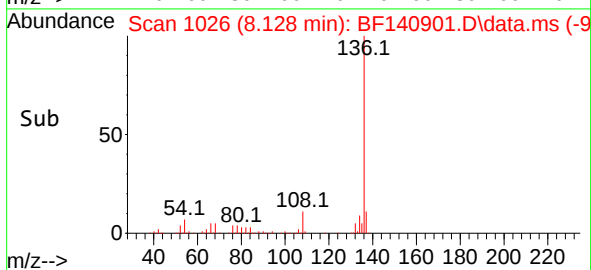
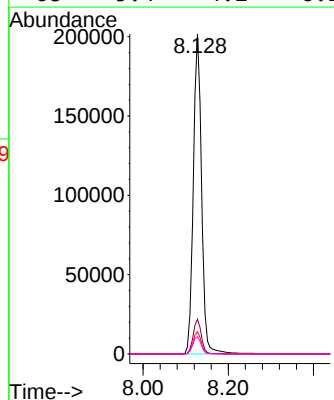
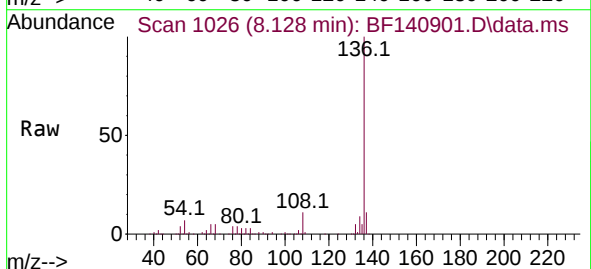
Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.3	21.5
71	36.6	29.9	44.9

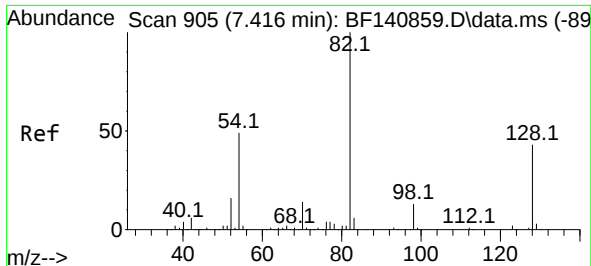


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

Tgt Ion: 136 Resp: 271902

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.9	5.6	8.4
68	5.4	4.2	6.2

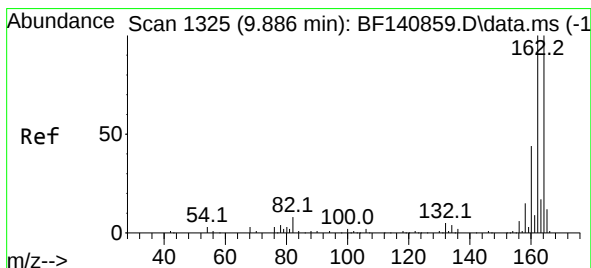
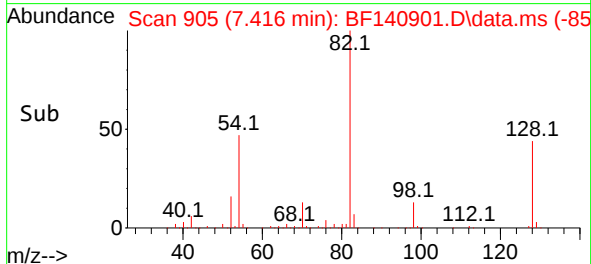
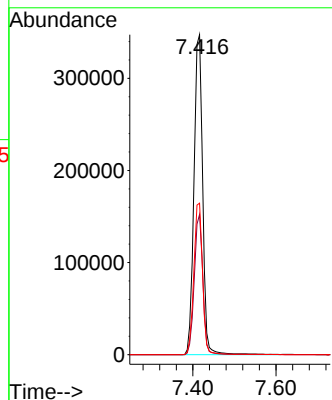
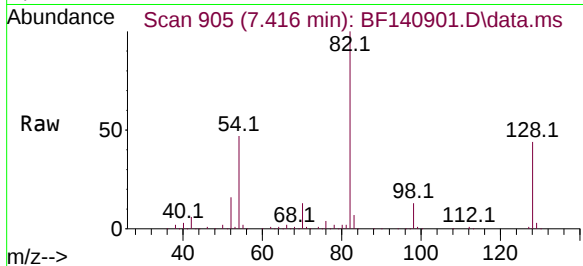




#23
Nitrobenzene-d5
Concen: 92.835 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

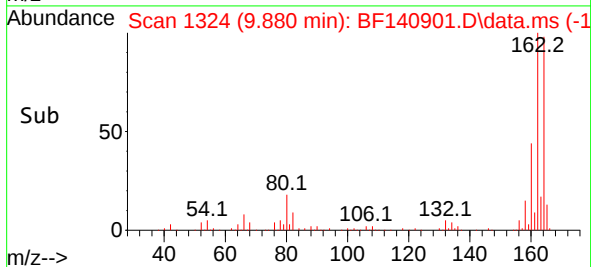
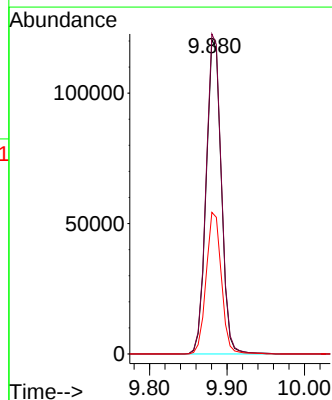
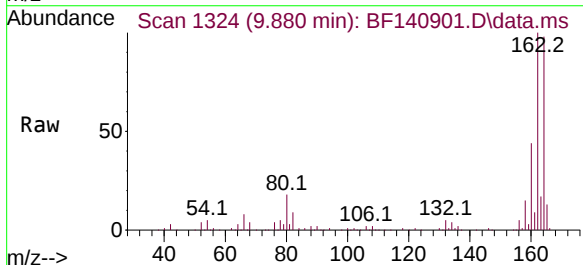
Instrument :
BNA_F
ClientSampleId :
PB165682BL

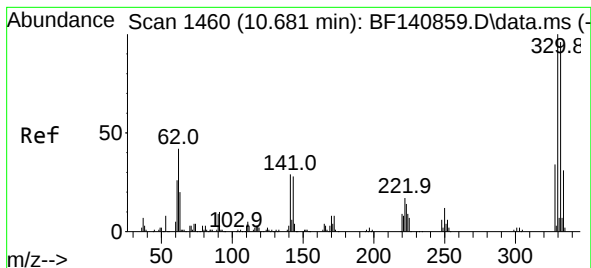
Tgt Ion: 82 Resp: 504528
Ion Ratio Lower Upper
82 100
128 43.8 34.4 51.6
54 47.3 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

Tgt Ion:164 Resp: 163491
Ion Ratio Lower Upper
164 100
162 102.0 79.9 119.9
160 45.1 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 147.173 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140901.D

Acq: 18 Dec 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB165682BL

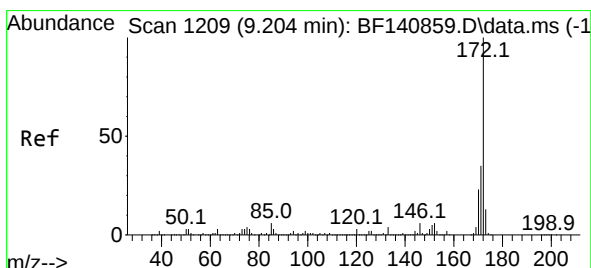
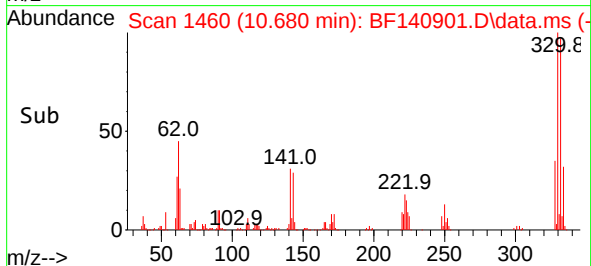
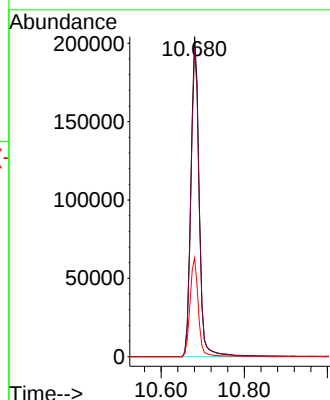
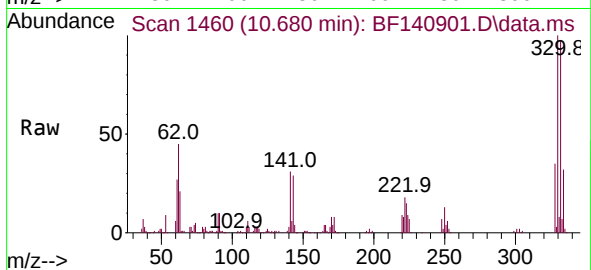
Tgt Ion:330 Resp: 284578

Ion Ratio Lower Upper

330 100

332 95.7 76.2 114.4

141 31.2 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 99.294 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140901.D

Acq: 18 Dec 2024 13:12

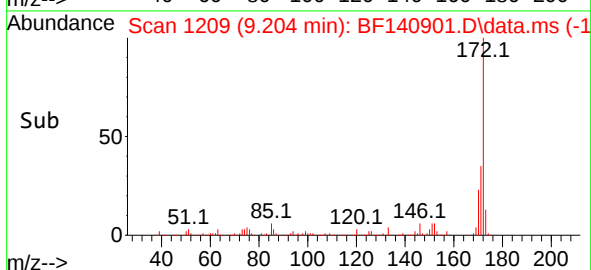
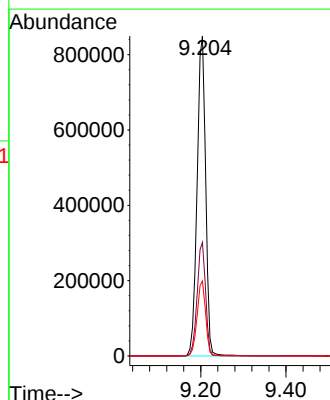
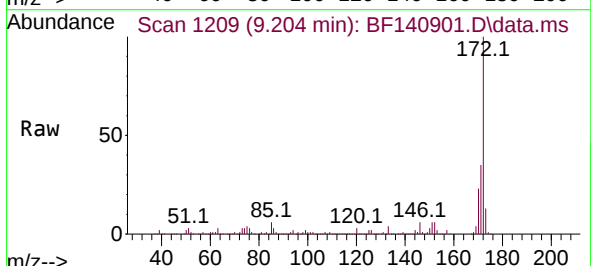
Tgt Ion:172 Resp: 1180754

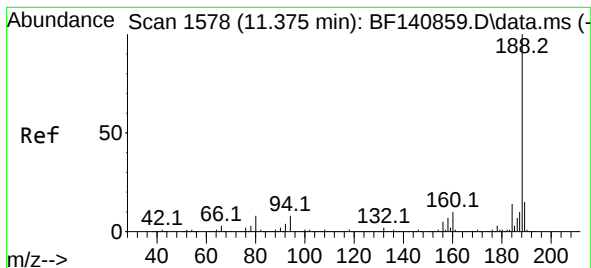
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.4 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140901.D

Acq: 18 Dec 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB165682BL

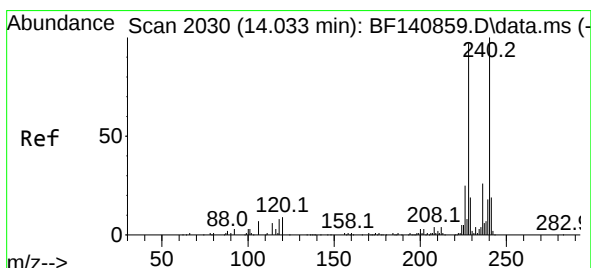
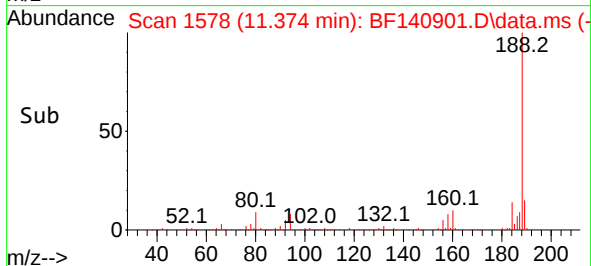
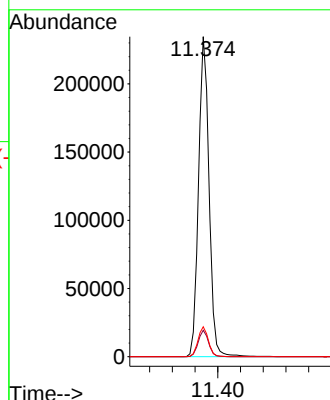
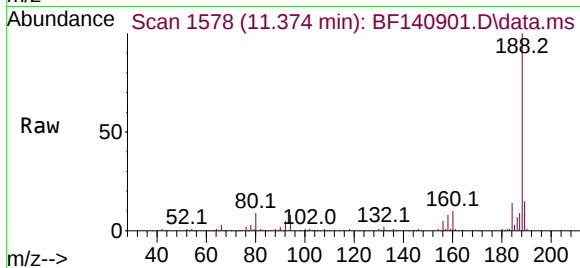
Tgt Ion:188 Resp: 302090

Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 9.3 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140901.D

Acq: 18 Dec 2024 13:12

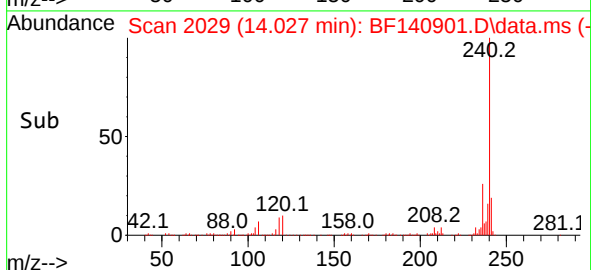
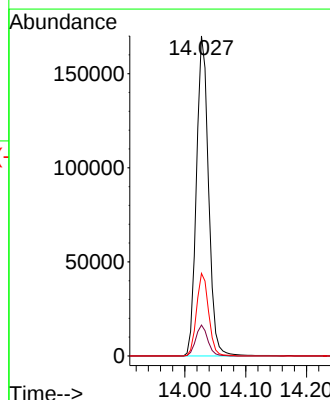
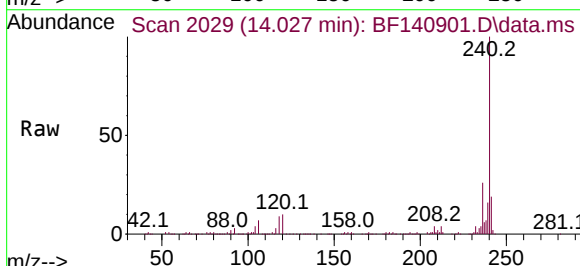
Tgt Ion:240 Resp: 235033

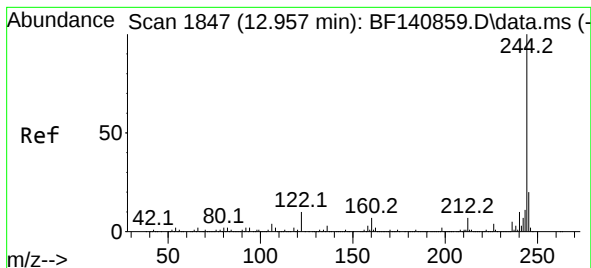
Ion Ratio Lower Upper

240 100

120 9.6 7.6 11.4

236 25.8 20.5 30.7





#79

Terphenyl-d14

Concen: 99.872 ng

RT: 12.963 min Scan# 1848

Delta R.T. 0.006 min

Lab File: BF140901.D

Acq: 18 Dec 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB165682BL

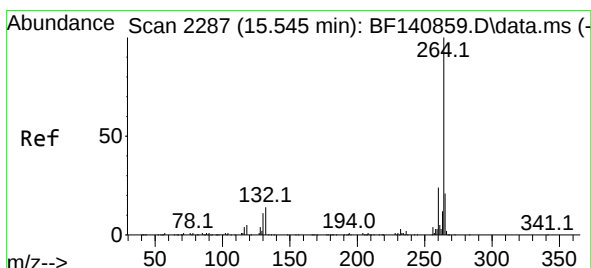
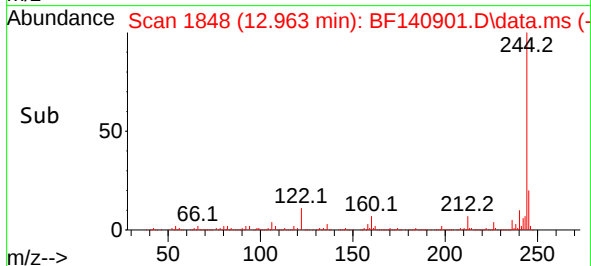
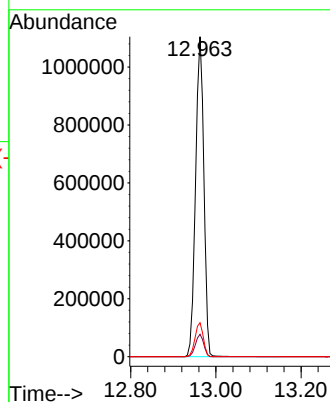
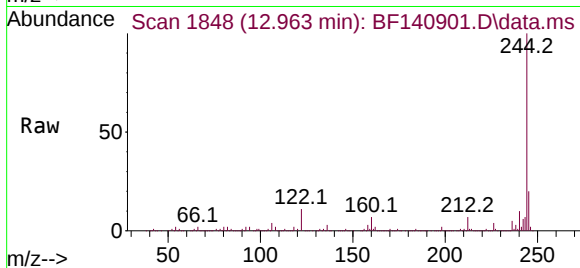
Tgt Ion:244 Resp: 1488595

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.6 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. -0.018 min

Lab File: BF140901.D

Acq: 18 Dec 2024 13:12

Tgt Ion:264 Resp: 191250

Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 21.2 17.0 25.4

