

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140864.D
 Acq On : 16 Dec 2024 17:08
 Operator : RC/JU
 Sample : PB165543BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165543BL

Quant Time: Dec 17 00:09:49 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	82091	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	318902	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	190305	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	341982	20.000	ng	0.00
76) Chrysene-d12	14.021	240	254022	20.000	ng	-0.01
86) Perylene-d12	15.504	264	215430	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	705090	141.393	ng	0.01
7) Phenol-d6	6.493	99	917597	138.925	ng	0.00
23) Nitrobenzene-d5	7.410	82	649246	101.857	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	321029	142.631	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1232652	89.052	ng	0.00
79) Terphenyl-d14	12.957	244	1537987	95.472	ng	0.00

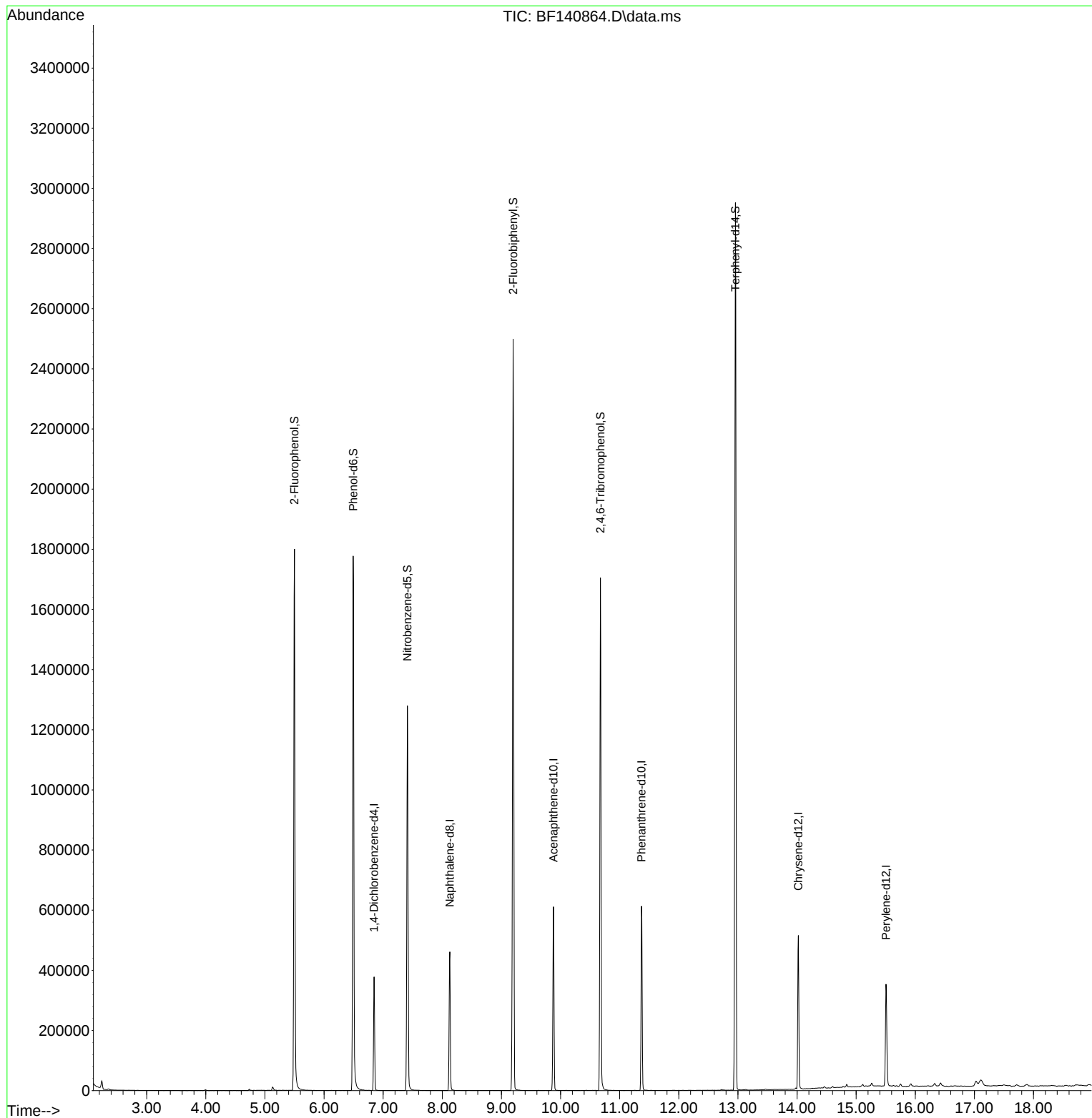
Target Compounds	Qvalue

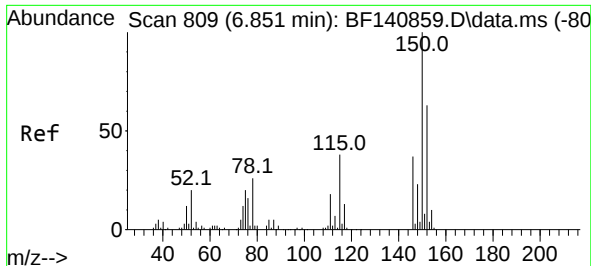
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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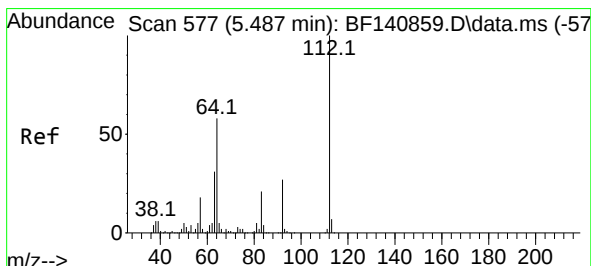
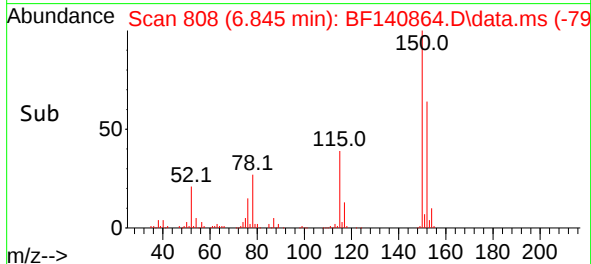
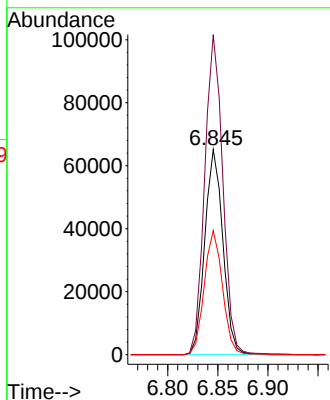
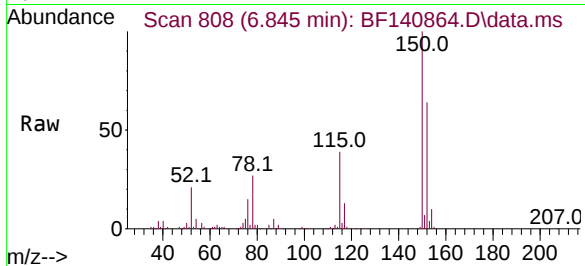




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

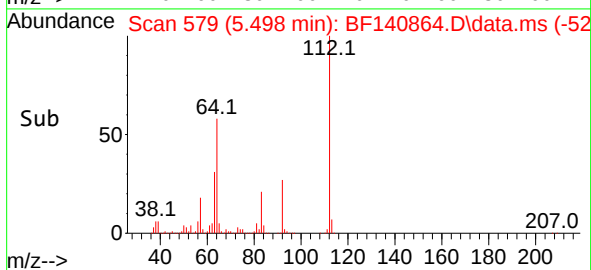
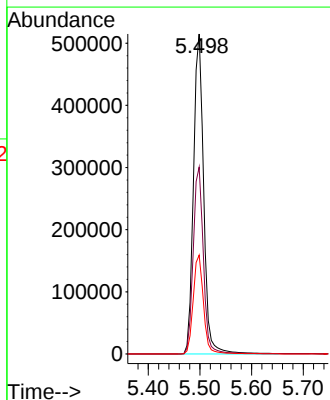
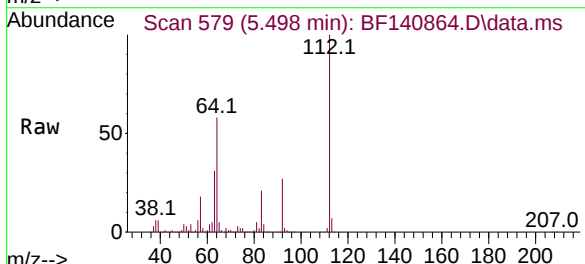
Instrument :
BNA_F
ClientSampleId :
PB165543BL

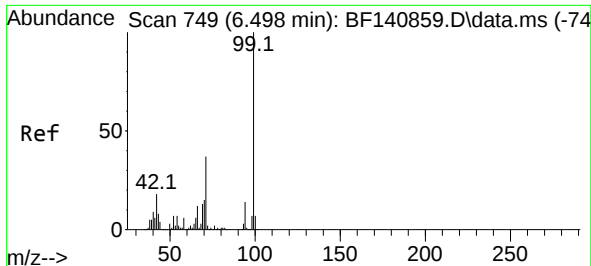
Tgt Ion:152 Resp: 82091
Ion Ratio Lower Upper
152 100
150 156.0 127.9 191.9
115 60.5 48.0 72.0



#5
2-Fluorophenol
Concen: 141.393 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

Tgt Ion:112 Resp: 705090
Ion Ratio Lower Upper
112 100
64 58.4 46.1 69.1
63 30.9 24.9 37.3

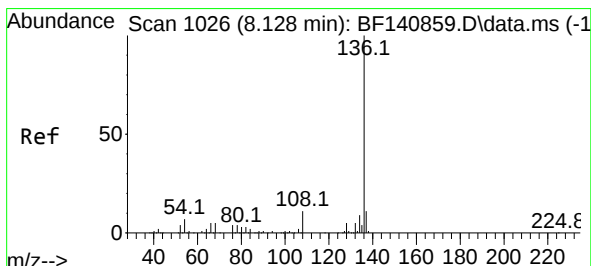
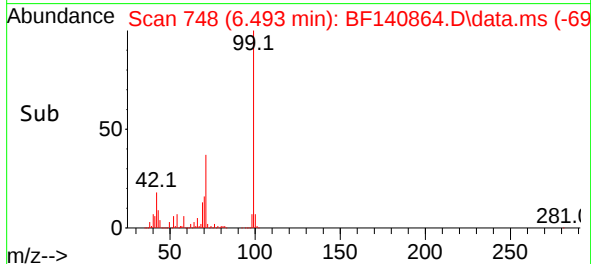
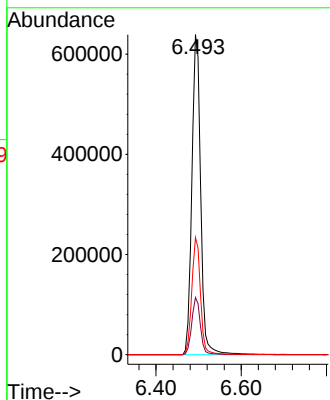
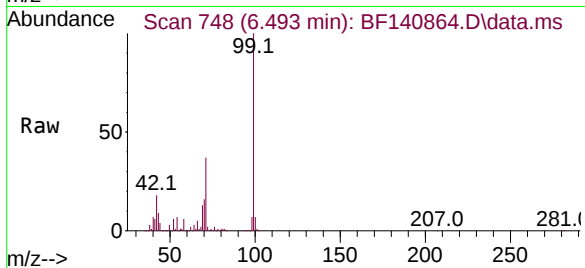




#7
Phenol-d6
Concen: 138.925 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

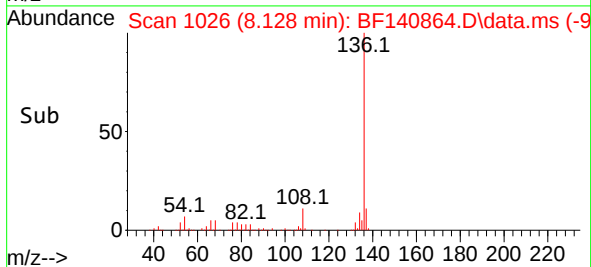
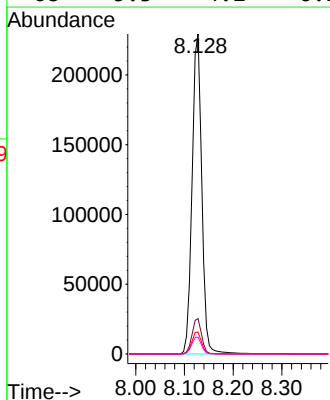
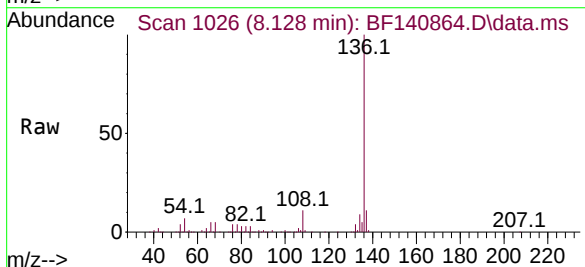
Instrument :
BNA_F
ClientSampleId :
PB165543BL

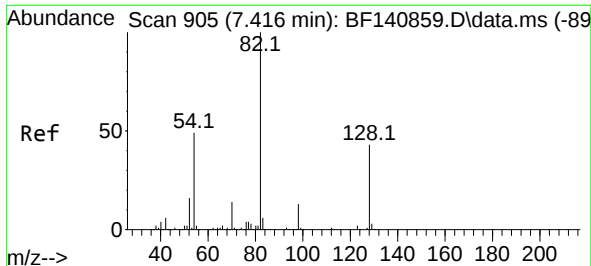
Tgt Ion: 99 Resp: 917597
Ion Ratio Lower Upper
99 100
42 17.8 14.3 21.5
71 36.6 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

Tgt Ion: 136 Resp: 318902
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.8 5.6 8.4
68 5.3 4.2 6.2

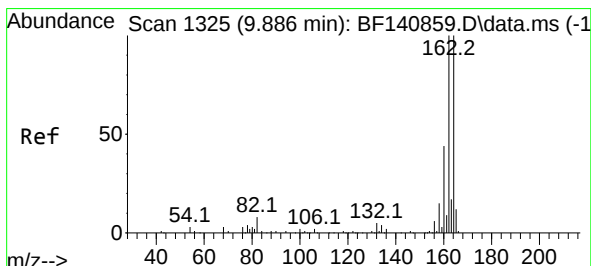
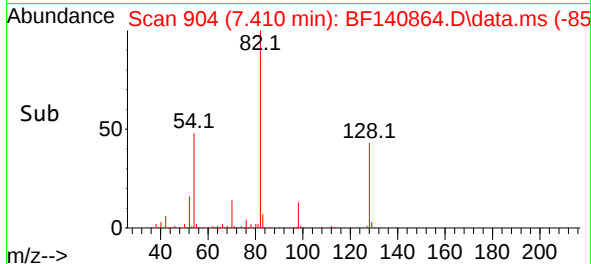
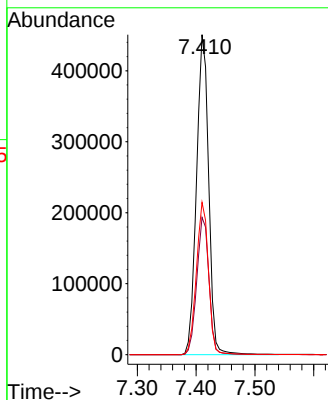
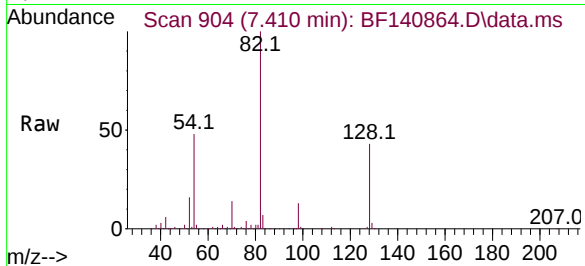




#23
Nitrobenzene-d5
Concen: 101.857 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

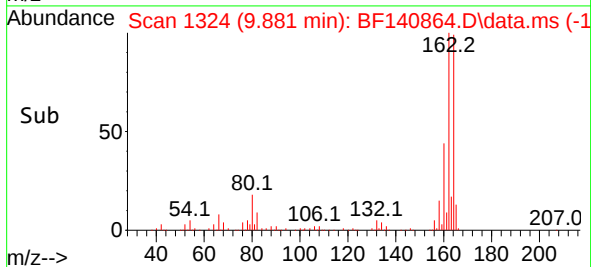
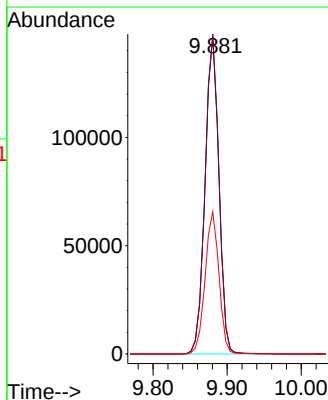
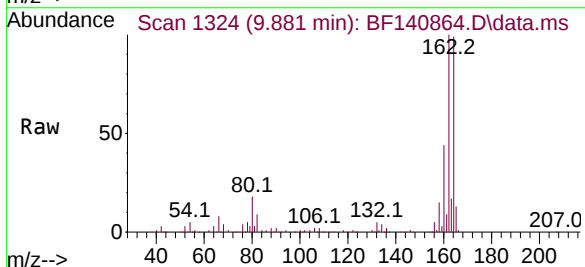
Instrument :
BNA_F
ClientSampleId :
PB165543BL

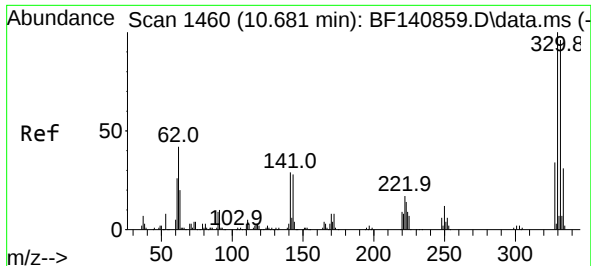
Tgt Ion: 82 Resp: 649246
Ion Ratio Lower Upper
82 100
128 42.9 34.4 51.6
54 47.6 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

Tgt Ion:164 Resp: 190305
Ion Ratio Lower Upper
164 100
162 100.9 79.9 119.9
160 44.7 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 142.631 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB165543BL

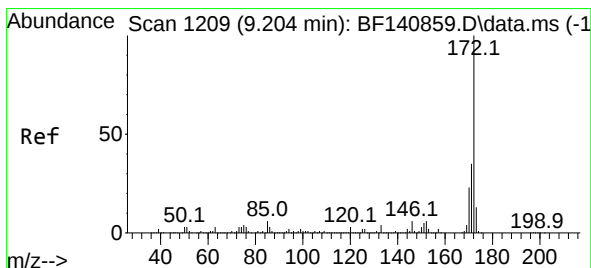
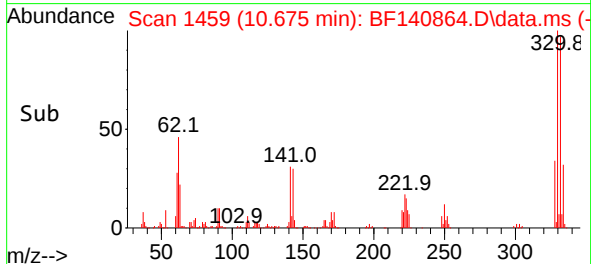
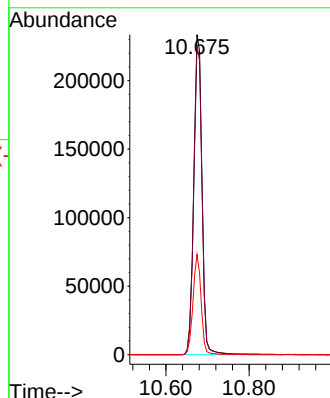
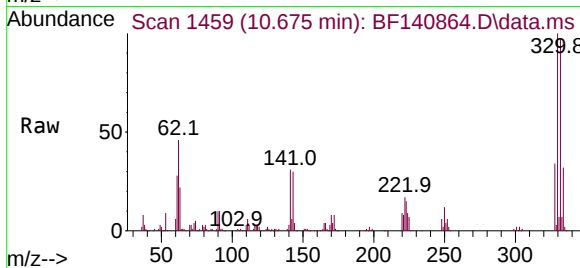
Tgt Ion:330 Resp: 321029

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

141 30.7 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 89.052 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

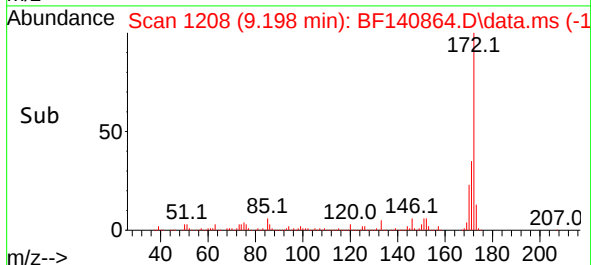
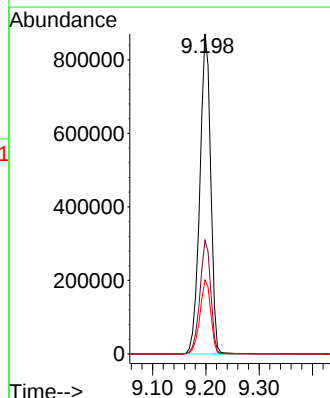
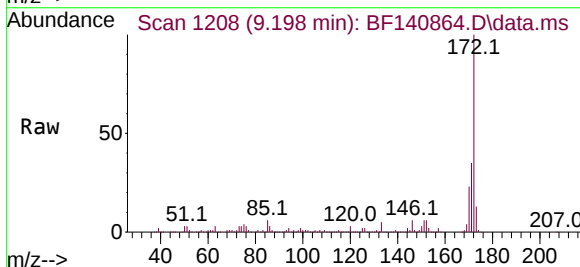
Tgt Ion:172 Resp: 1232652

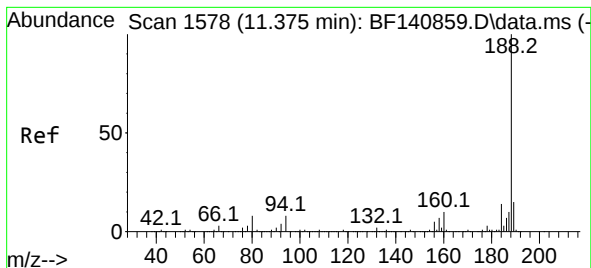
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.1 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB165543BL

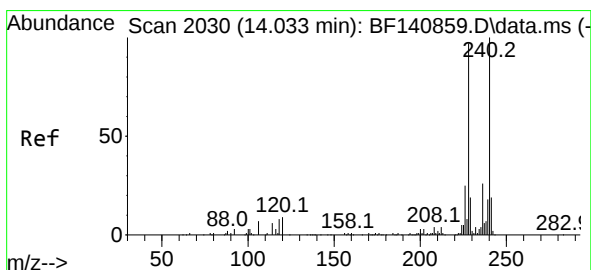
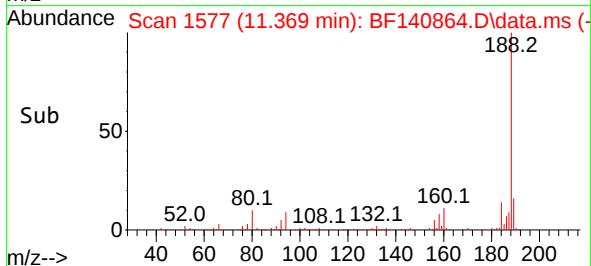
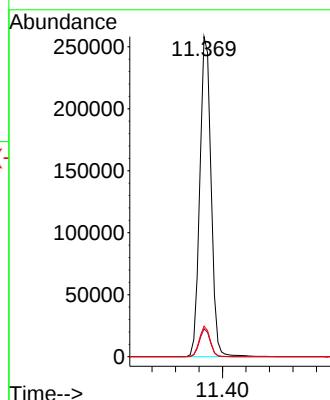
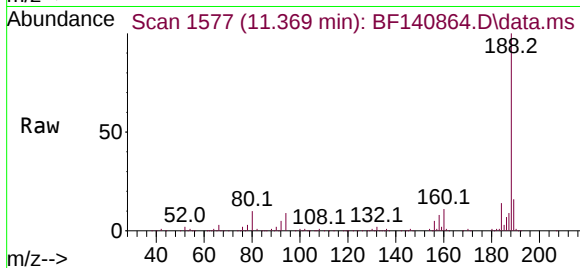
Tgt Ion:188 Resp: 341982

Ion Ratio Lower Upper

188 100

94 8.8 6.4 9.6

80 9.6 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

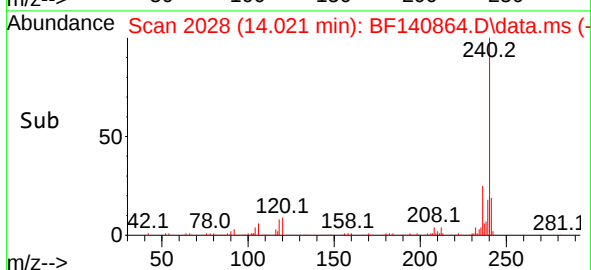
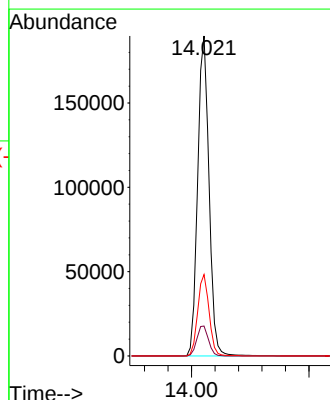
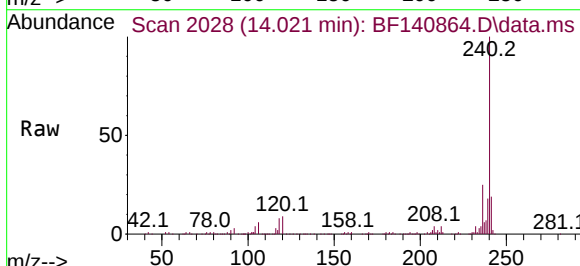
Tgt Ion:240 Resp: 254022

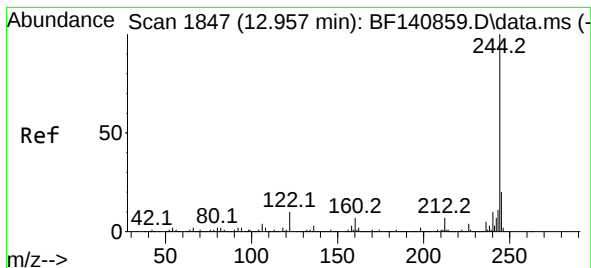
Ion Ratio Lower Upper

240 100

120 9.4 7.6 11.4

236 25.4 20.5 30.7





#79

Terphenyl-d14

Concen: 95.472 ng

RT: 12.957 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB165543BL

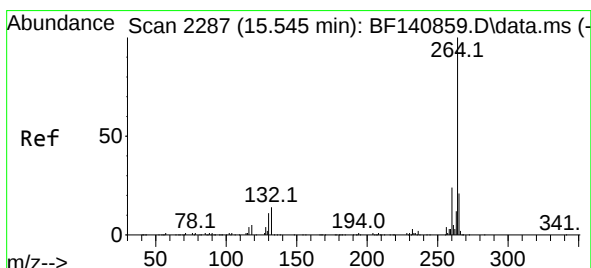
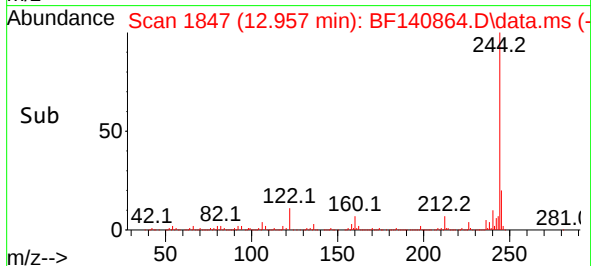
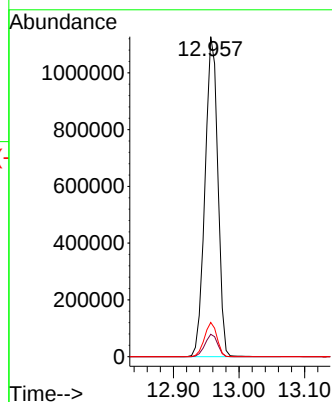
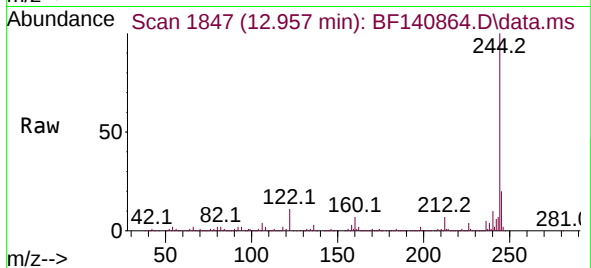
Tgt Ion:244 Resp: 1537987

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.7 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.041 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

Tgt Ion:264 Resp: 215430

Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 20.9 17.0 25.4

