

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
 Data File : BF131860.D
 Acq On : 28 Dec 2022 14:43
 Operator : CG\JU
 Sample : PB149939BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149939BL

Quant Time: Dec 29 00:54:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	80011	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	299038	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	178982	20.000	ng	-0.02
64) Phenanthrene-d10	11.375	188	347518	20.000	ng	-0.01
76) Chrysene-d12	14.027	240	269419	20.000	ng	-0.01
86) Perylene-d12	15.515	264	200105	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	660673	136.841	ng	0.00
7) Phenol-d6	6.457	99	873583	137.721	ng	-0.01
23) Nitrobenzene-d5	7.392	82	598198	79.868	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	246181	126.594	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1032282	79.000	ng	-0.01
79) Terphenyl-d14	12.974	244	1315032	82.563	ng	0.00

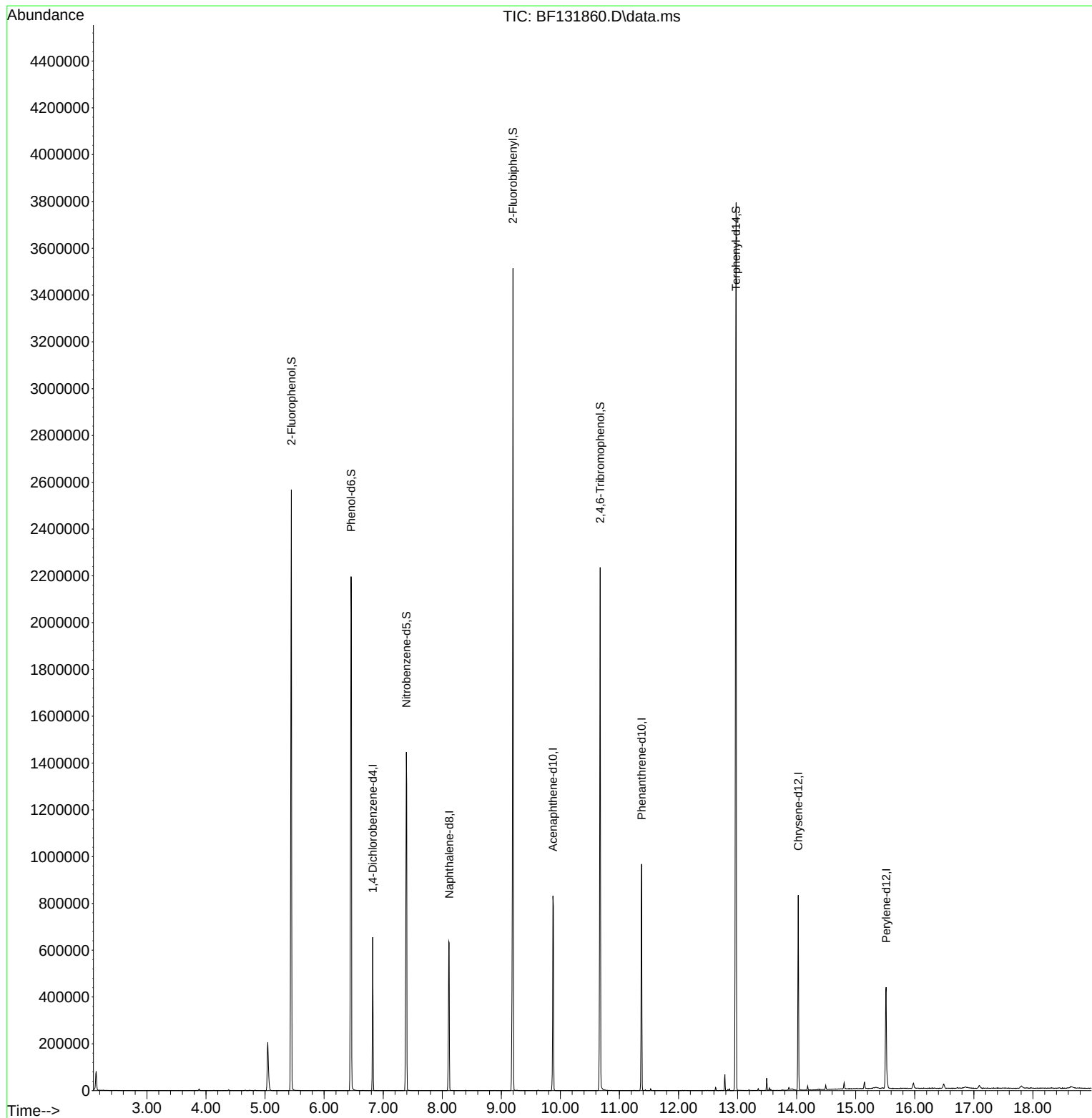
Target Compounds	Qvalue

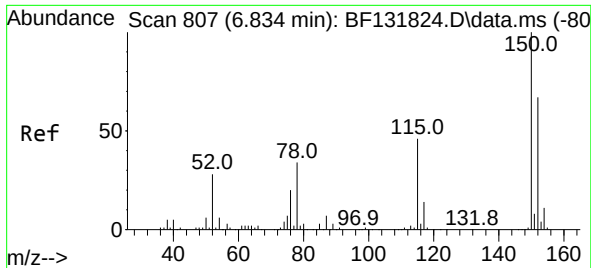
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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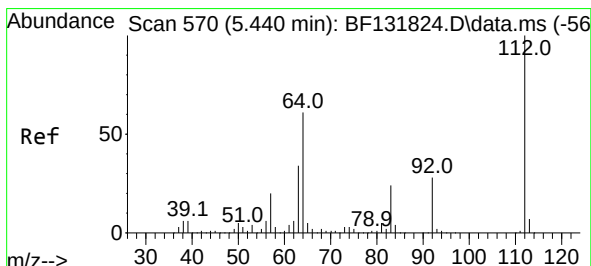
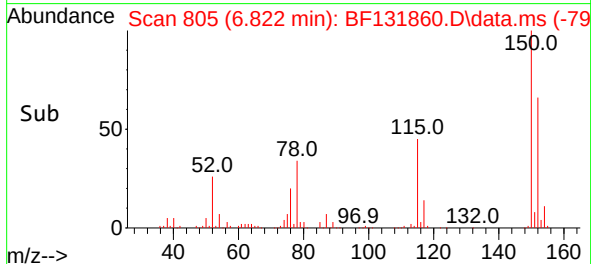
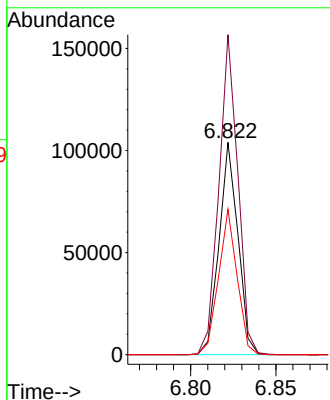
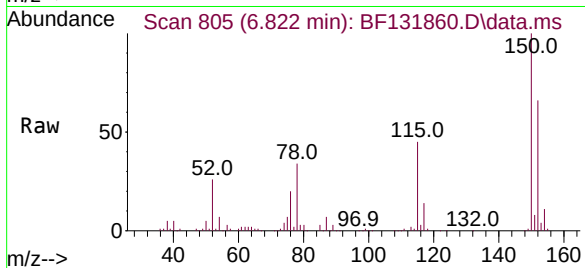




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF131860.D
Acq: 28 Dec 2022 14:43

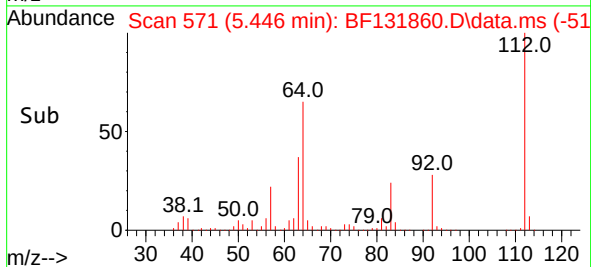
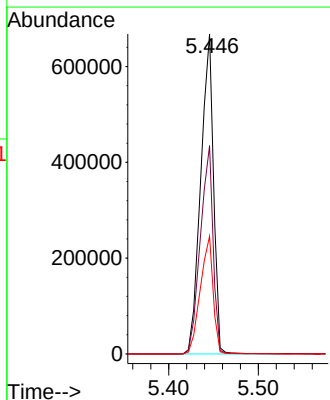
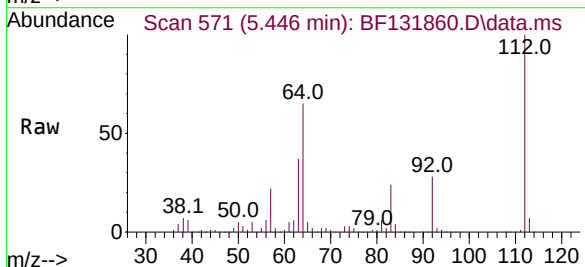
Instrument :
BNA_F
ClientSampleId :
PB149939BL

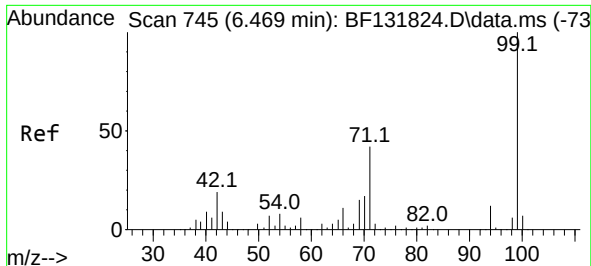
Tgt Ion:152 Resp: 80011
Ion Ratio Lower Upper
152 100
150 150.8 120.0 180.0
115 68.4 55.1 82.7



#5
2-Fluorophenol
Concen: 136.841 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF131860.D
Acq: 28 Dec 2022 14:43

Tgt Ion:112 Resp: 660673
Ion Ratio Lower Upper
112 100
64 65.1 49.2 73.8
63 36.8 27.5 41.3

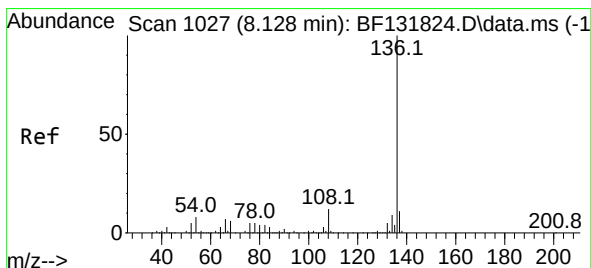
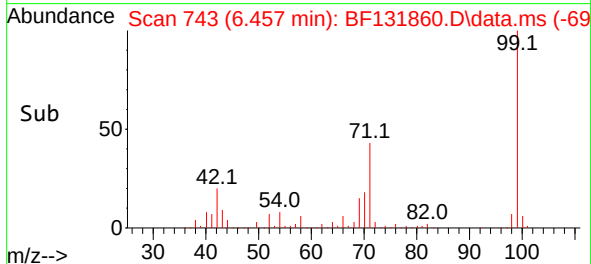
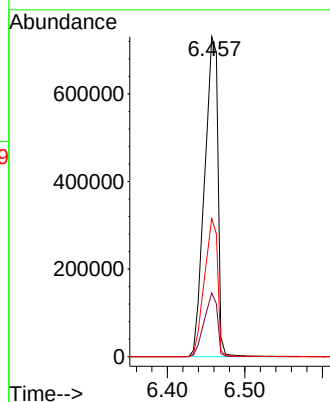
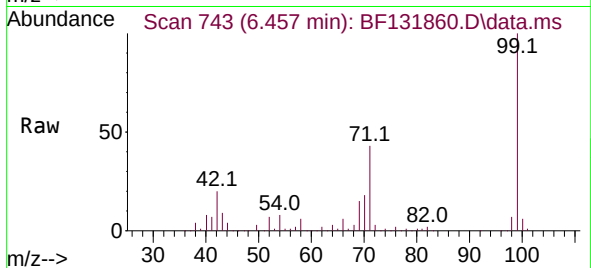




#7
Phenol-d6
Concen: 137.721 ng
RT: 6.457 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF131860.D
Acq: 28 Dec 2022 14:43

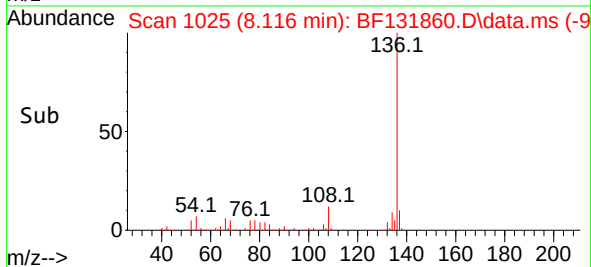
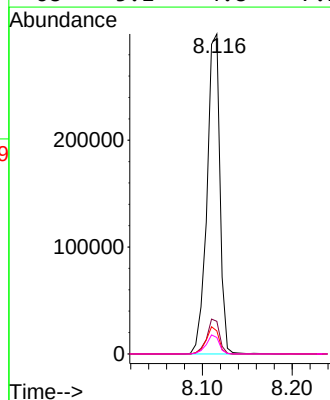
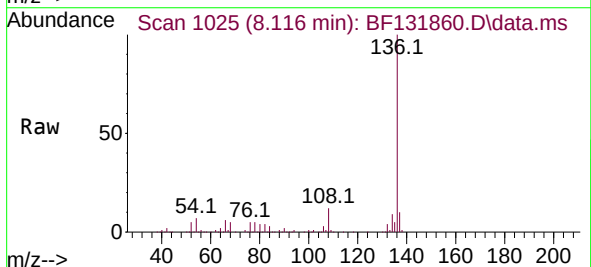
Instrument :
BNA_F
ClientSampleId :
PB149939BL

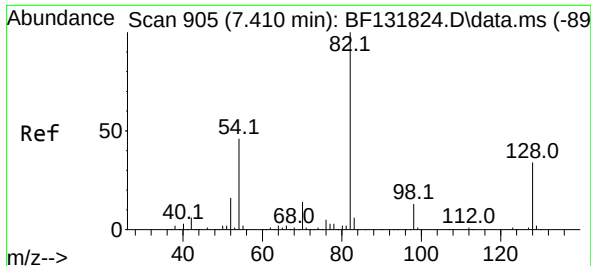
Tgt Ion: 99 Resp: 873583
Ion Ratio Lower Upper
99 100
42 19.9 15.3 22.9
71 43.2 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF131860.D
Acq: 28 Dec 2022 14:43

Tgt Ion: 136 Resp: 299038
Ion Ratio Lower Upper
136 100
137 10.2 8.6 12.8
54 7.2 6.7 10.1
68 5.1 4.8 7.2

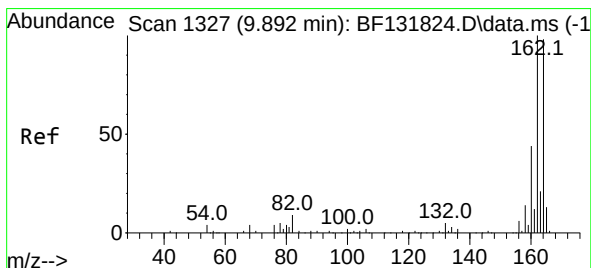
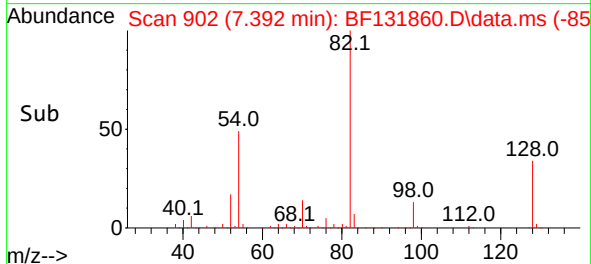
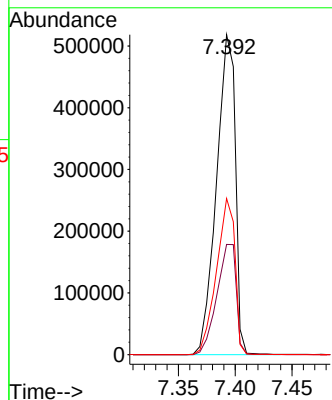
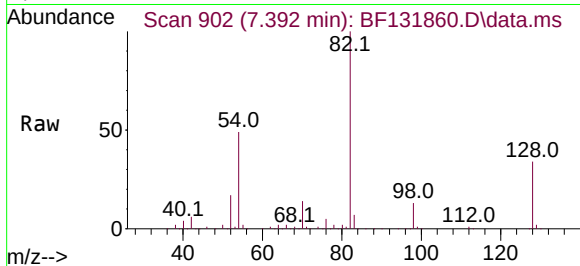




#23
Nitrobenzene-d5
Concen: 79.868 ng
RT: 7.392 min Scan# 90
Delta R.T. -0.018 min
Lab File: BF131860.D
Acq: 28 Dec 2022 14:43

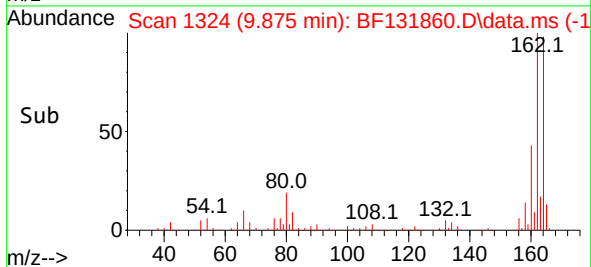
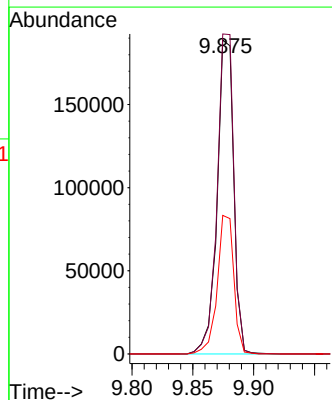
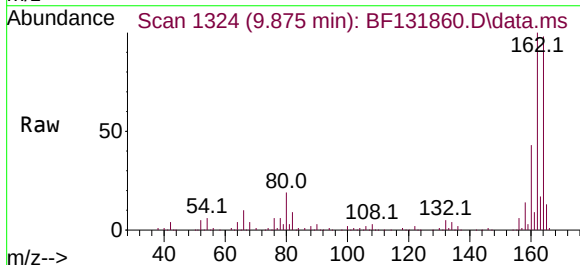
Instrument :
BNA_F
ClientSampleId :
PB149939BL

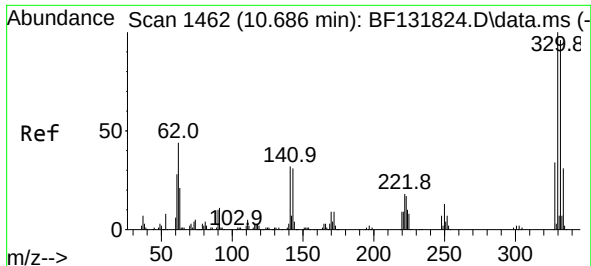
Tgt Ion: 82 Resp: 598198
Ion Ratio Lower Upper
82 100
128 34.4 27.1 40.7
54 48.8 37.0 55.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.018 min
Lab File: BF131860.D
Acq: 28 Dec 2022 14:43

Tgt Ion:164 Resp: 178982
Ion Ratio Lower Upper
164 100
162 102.0 81.8 122.6
160 44.1 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 126.594 ng

RT: 10.675 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF131860.D

Acq: 28 Dec 2022 14:43

Instrument :

BNA_F

ClientSampleId :

PB149939BL

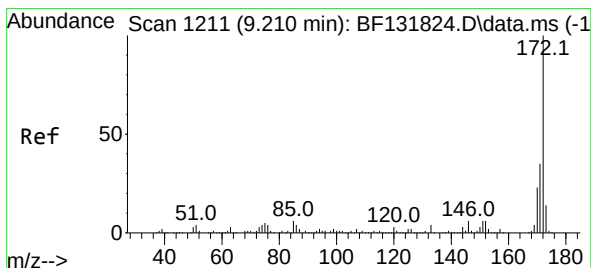
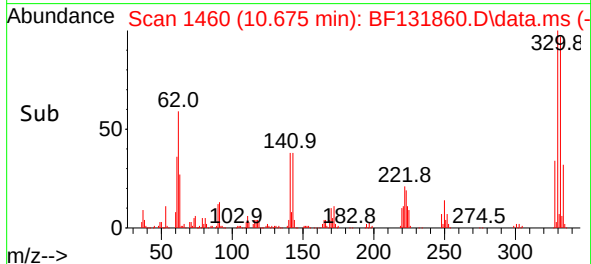
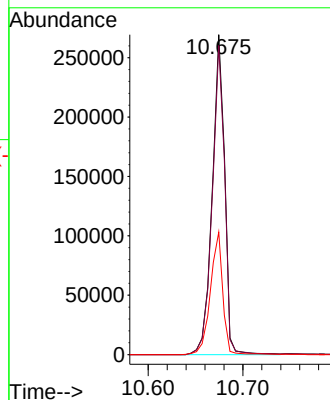
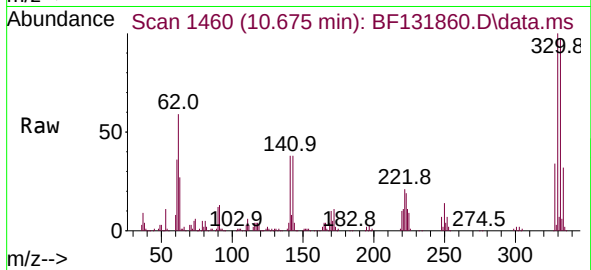
Tgt Ion:330 Resp: 246181

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.4

141 38.5 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 79.000 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.012 min

Lab File: BF131860.D

Acq: 28 Dec 2022 14:43

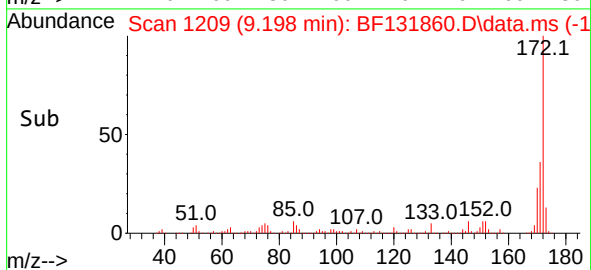
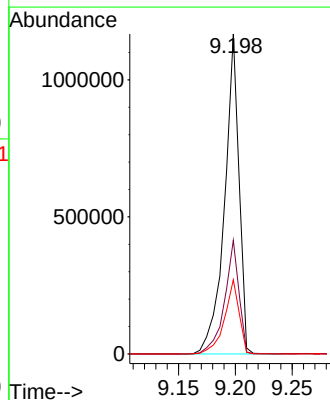
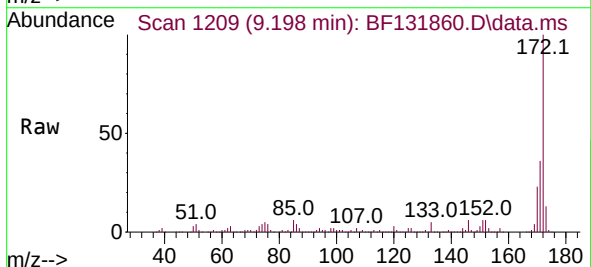
Tgt Ion:172 Resp: 1032282

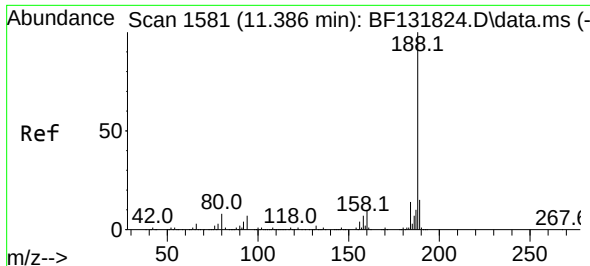
Ion Ratio Lower Upper

172 100

171 35.5 27.9 41.9

170 23.2 18.7 28.1

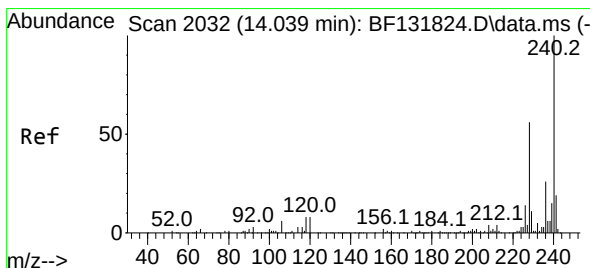
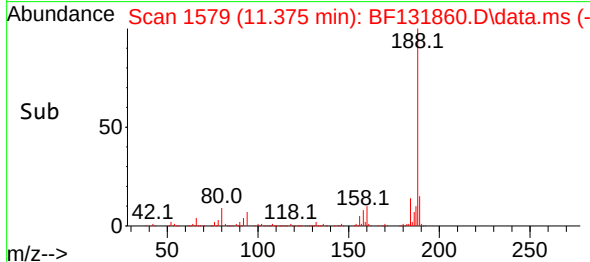
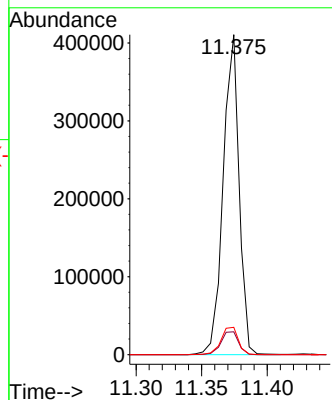
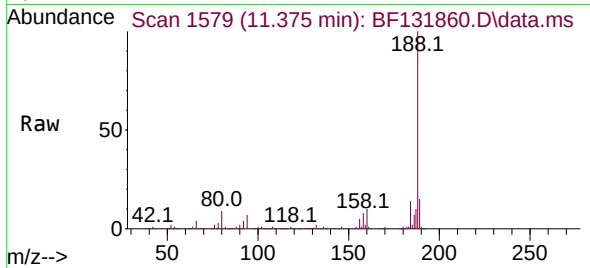




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131860.D
Acq: 28 Dec 2022 14:43

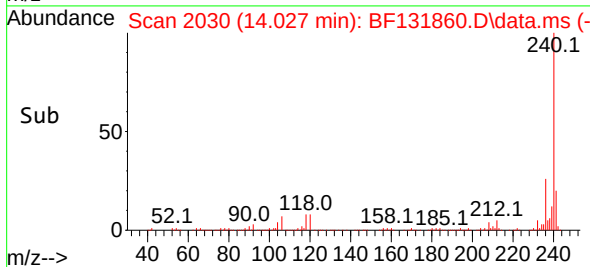
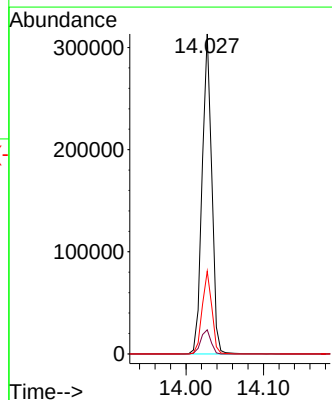
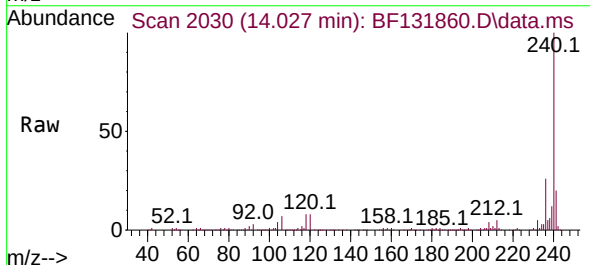
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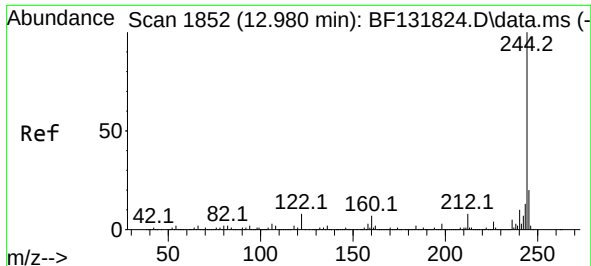
Tgt Ion:188 Resp: 347518
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.6
80 8.5 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF131860.D
Acq: 28 Dec 2022 14:43

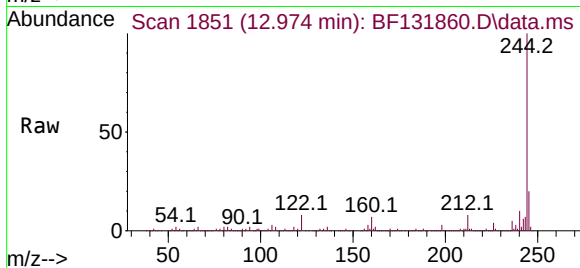
Tgt Ion:240 Resp: 269419
Ion Ratio Lower Upper
240 100
120 7.6 6.7 10.1
236 25.8 20.6 31.0



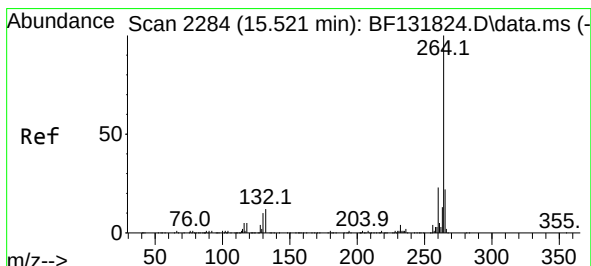
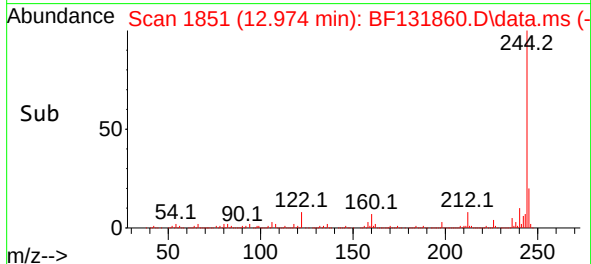
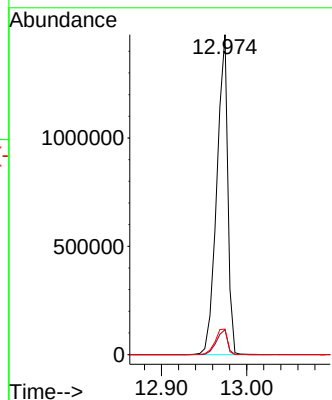


#79
 Terphenyl-d14
 Concen: 82.563 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF131860.D
 Acq: 28 Dec 2022 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB149939BL



Tgt Ion:244 Resp: 1315032
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 8.0 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF131860.D
 Acq: 28 Dec 2022 14:43

Tgt Ion:264 Resp: 200105
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 21.5 17.4 26.0

