

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
 Data File : BF133984.D
 Acq On : 27 Jun 2023 11:03
 Operator : CG\JU
 Sample : PB153762BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153762BL

Quant Time: Jun 27 11:58:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	104388	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	419923	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	219582	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	453545	20.000	ng	0.00
76) Chrysene-d12	14.039	240	287598	20.000	ng	0.00
86) Perylene-d12	15.545	264	226439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	805781	129.123	ng	0.02
7) Phenol-d6	6.493	99	980558	127.768	ng	0.00
23) Nitrobenzene-d5	7.416	82	667803	85.726	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	353950	128.563	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1259203	83.374	ng	0.00
79) Terphenyl-d14	12.986	244	1592759	89.132	ng	0.00

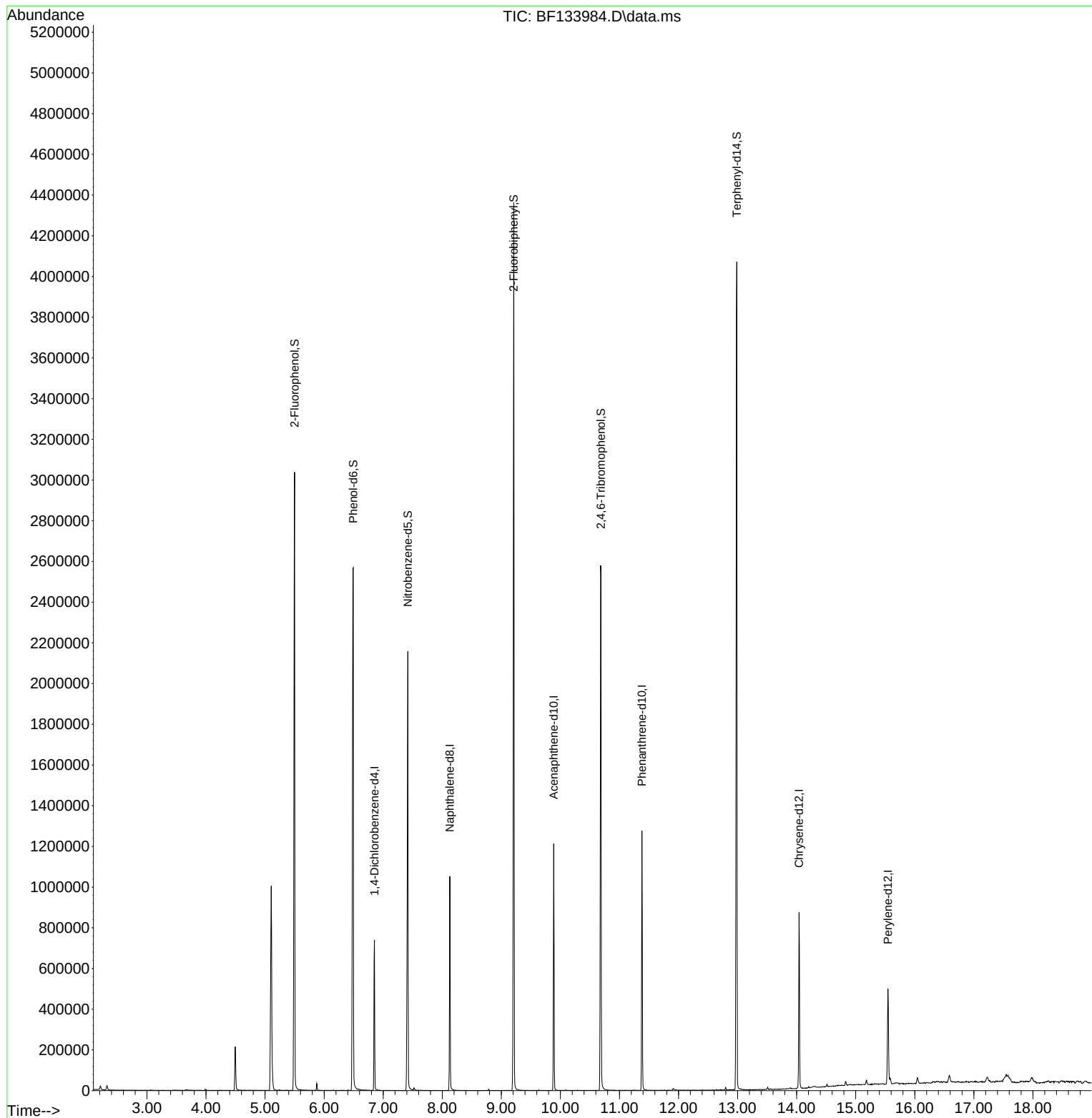
Target Compounds	Qvalue

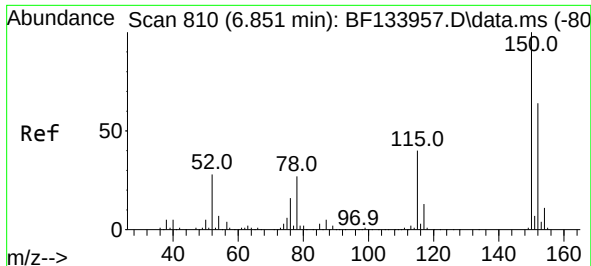
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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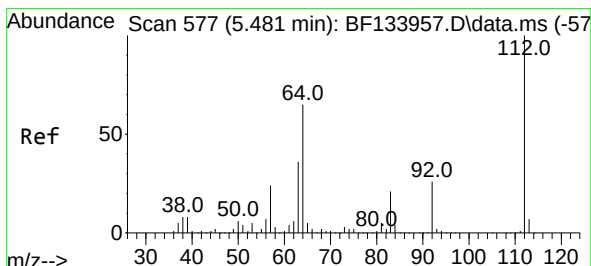
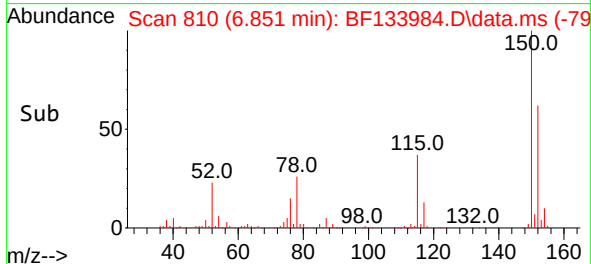
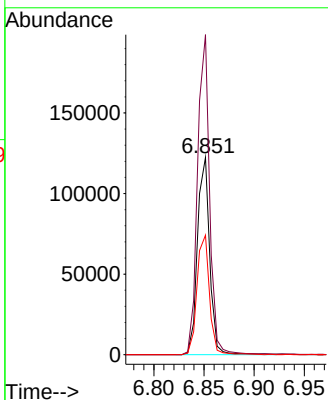
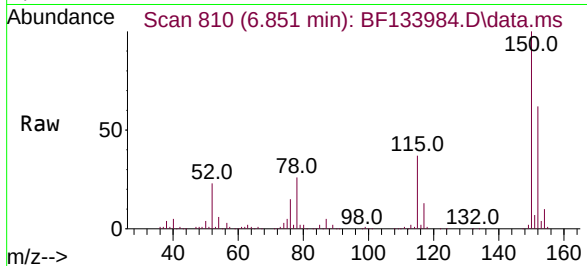




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133984.D
Acq: 27 Jun 2023 11:03

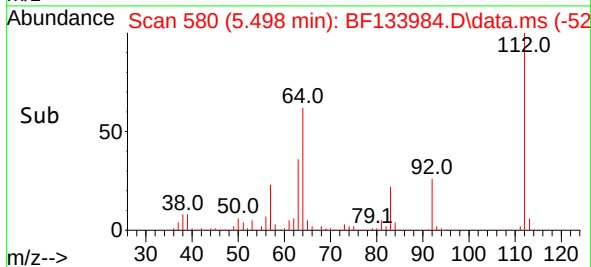
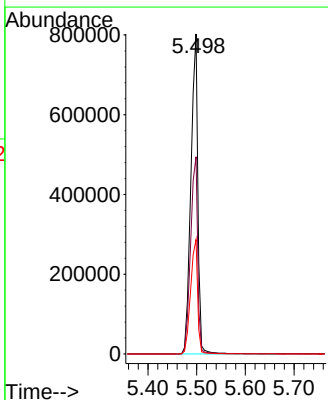
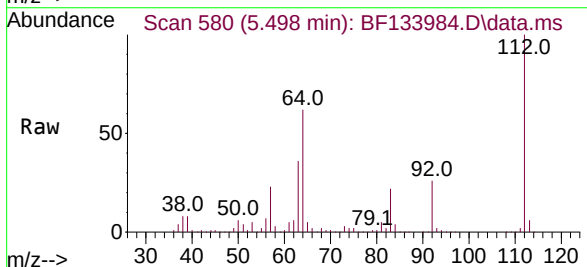
Instrument :
BNA_F
ClientSampleId :
PB153762BL

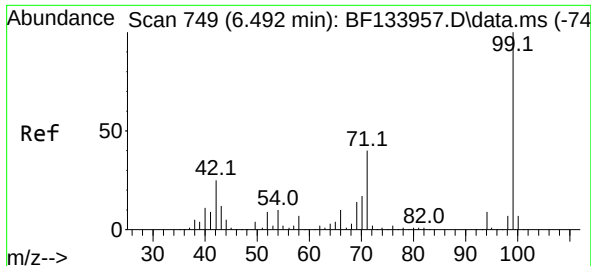
Tgt Ion:152 Resp: 104388
Ion Ratio Lower Upper
152 100
150 162.2 124.5 186.7
115 60.6 50.2 75.2



#5
2-Fluorophenol
Concen: 129.123 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF133984.D
Acq: 27 Jun 2023 11:03

Tgt Ion:112 Resp: 805781
Ion Ratio Lower Upper
112 100
64 61.6 52.1 78.1
63 35.8 28.6 42.8

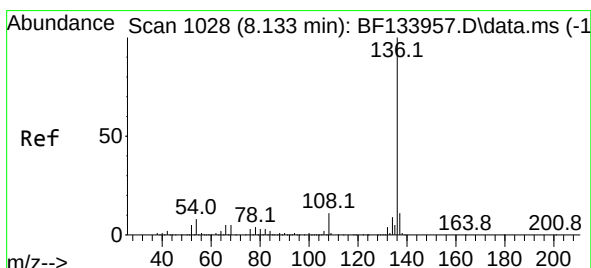
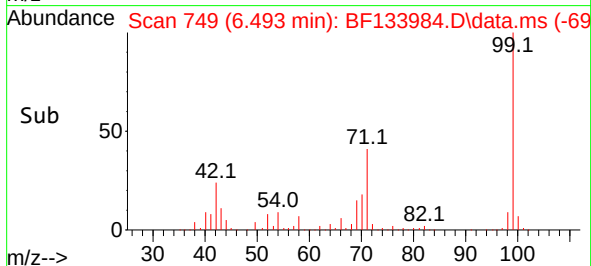
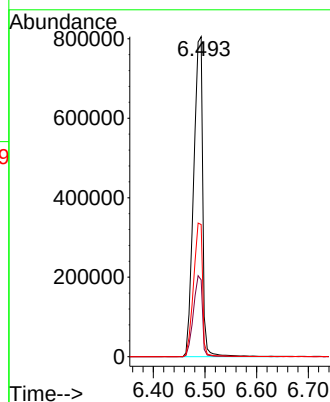
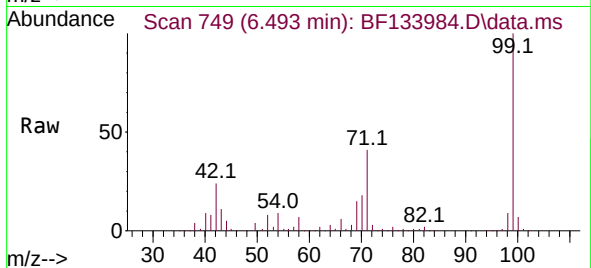




#7
Phenol-d6
Concen: 127.768 ng
RT: 6.493 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF133984.D
Acq: 27 Jun 2023 11:03

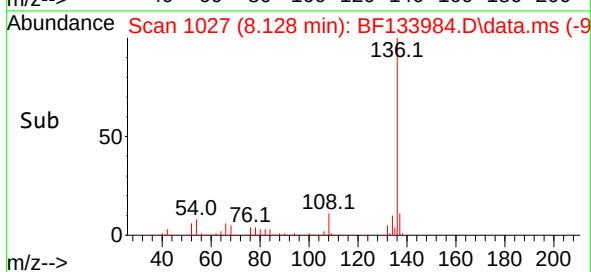
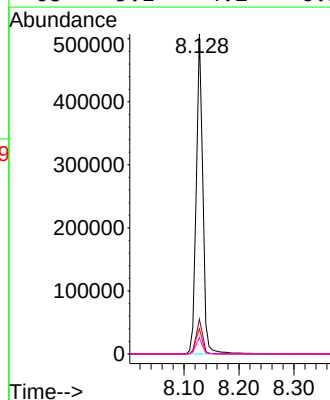
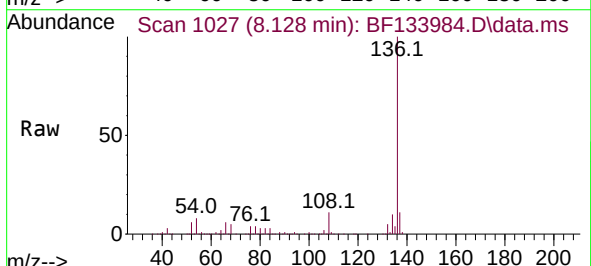
Instrument :
BNA_F
ClientSampleId :
PB153762BL

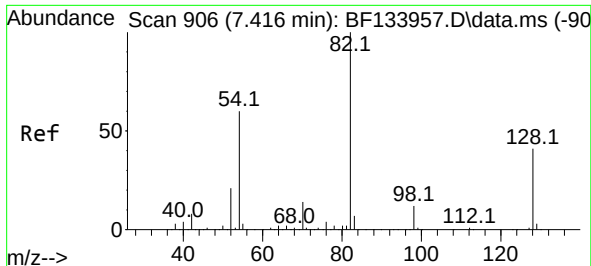
Tgt Ion: 99 Resp: 980558
Ion Ratio Lower Upper
99 100
42 24.0 19.8 29.6
71 41.3 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF133984.D
Acq: 27 Jun 2023 11:03

Tgt Ion:136 Resp: 419923
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.9 6.5 9.7
68 5.1 4.2 6.2





#23

Nitrobenzene-d5

Concen: 85.726 ng

RT: 7.416 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF133984.D

Acq: 27 Jun 2023 11:03

Instrument :

BNA_F

ClientSampleId :

PB153762BL

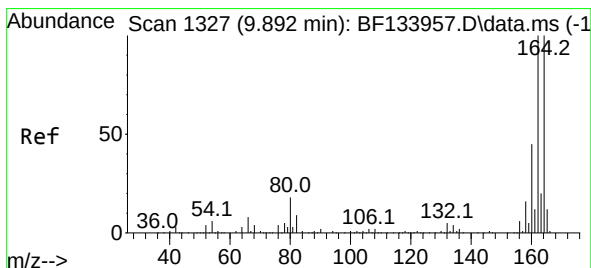
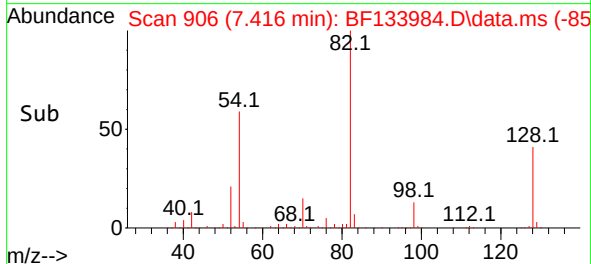
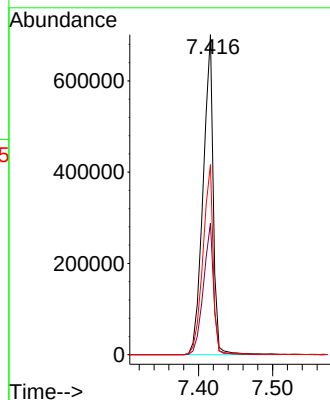
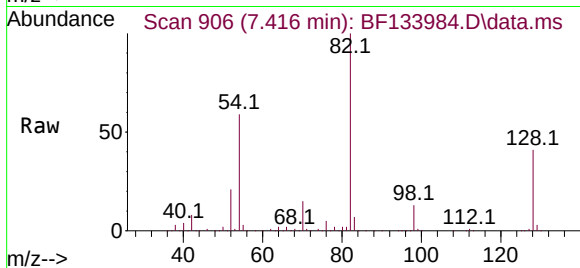
Tgt Ion: 82 Resp: 667803

Ion Ratio Lower Upper

82 100

128 41.2 32.5 48.7

54 59.4 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF133984.D

Acq: 27 Jun 2023 11:03

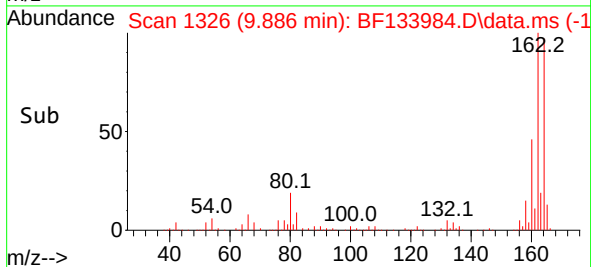
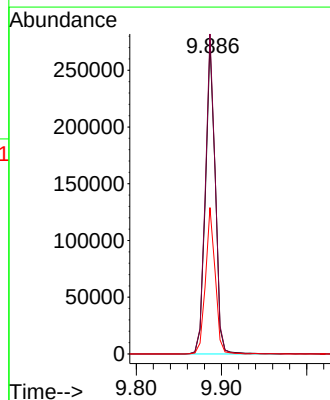
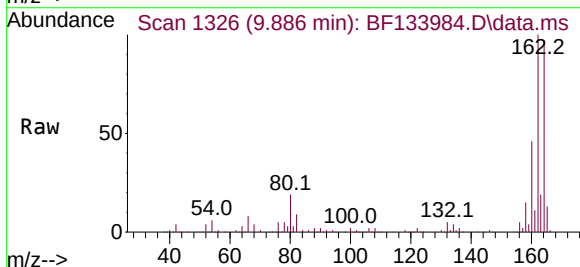
Tgt Ion:164 Resp: 219582

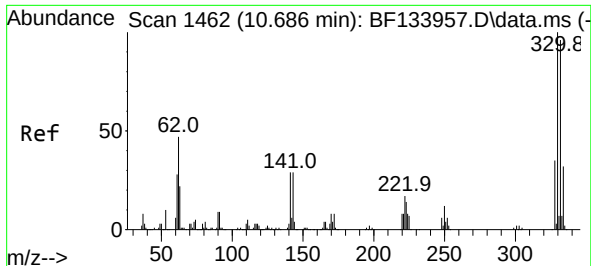
Ion Ratio Lower Upper

164 100

162 102.8 80.0 120.0

160 47.0 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 128.563 ng

RT: 10.686 min Scan# 1462

Delta R.T. 0.000 min

Lab File: BF133984.D

Acq: 27 Jun 2023 11:03

Instrument :

BNA_F

ClientSampleId :

PB153762BL

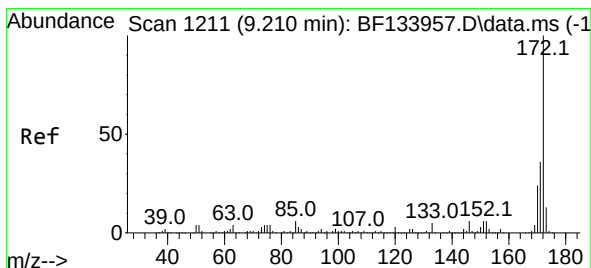
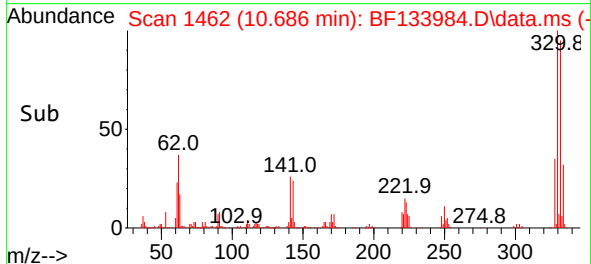
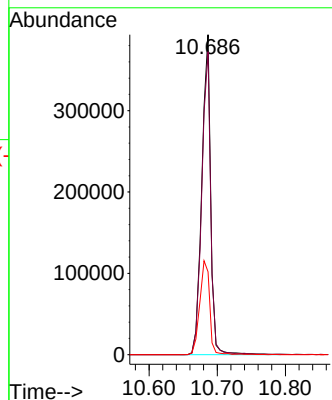
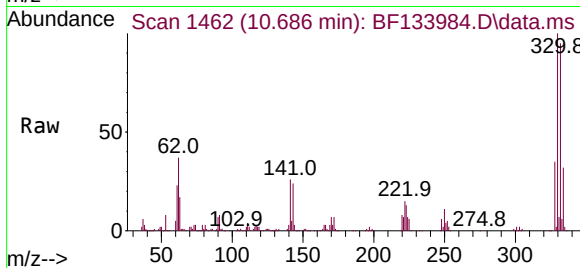
Tgt Ion:330 Resp: 353950

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

141 32.8 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 83.374 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.000 min

Lab File: BF133984.D

Acq: 27 Jun 2023 11:03

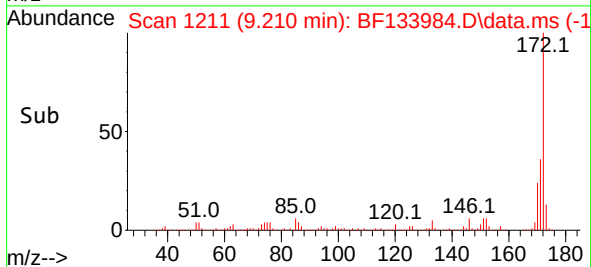
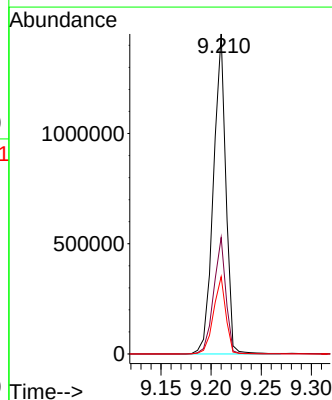
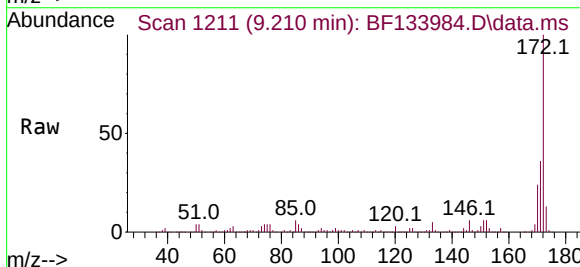
Tgt Ion:172 Resp: 1259203

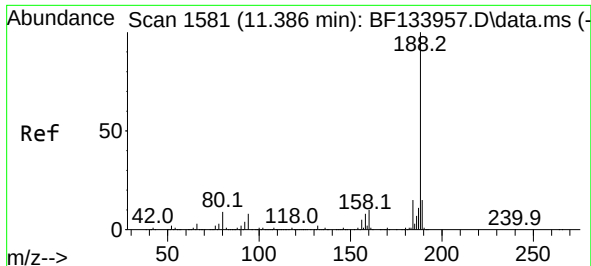
Ion Ratio Lower Upper

172 100

171 36.4 28.6 43.0

170 24.2 19.4 29.0

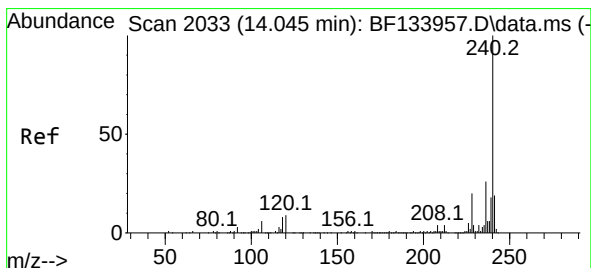
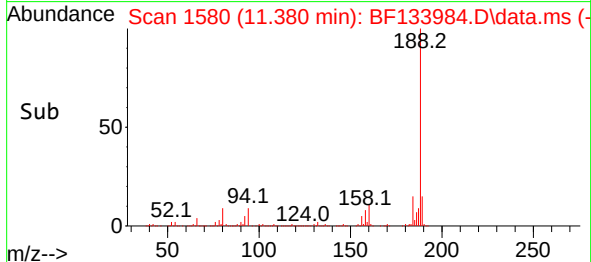
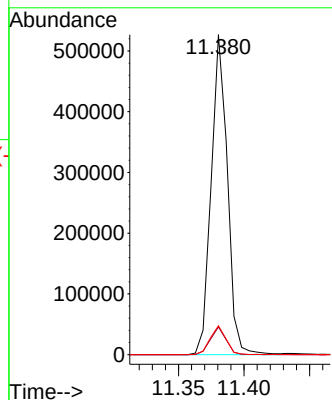
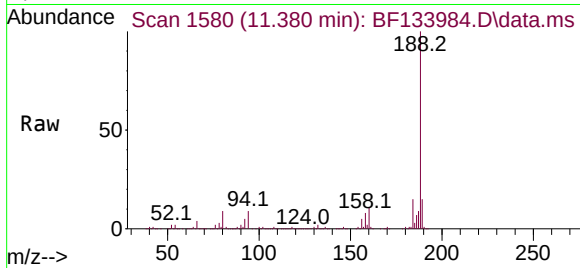




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133984.D
Acq: 27 Jun 2023 11:03

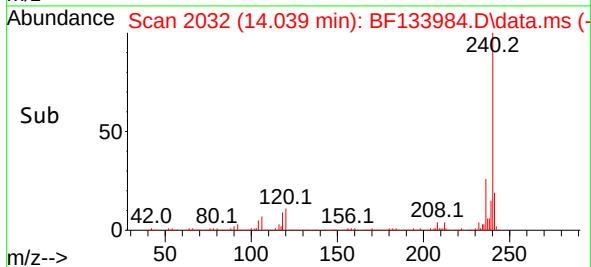
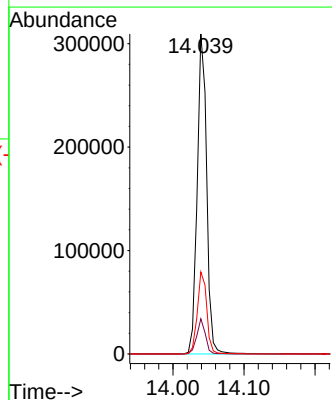
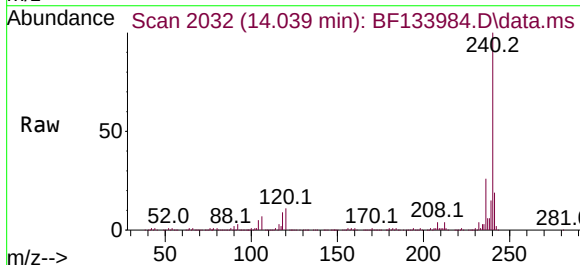
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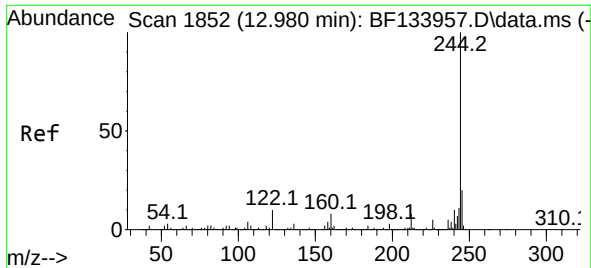
Tgt Ion:188 Resp: 453545
Ion Ratio Lower Upper
188 100
94 8.7 6.4 9.6
80 9.1 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF133984.D
Acq: 27 Jun 2023 11:03

Tgt Ion:240 Resp: 287598
Ion Ratio Lower Upper
240 100
120 11.0 7.4 11.0
236 25.6 21.0 31.6

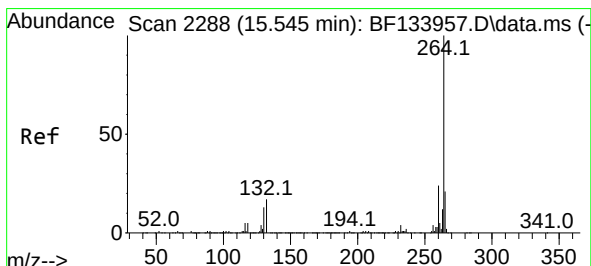
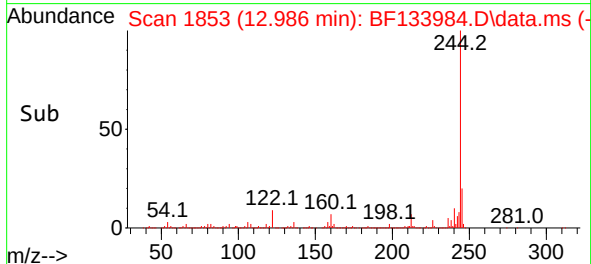
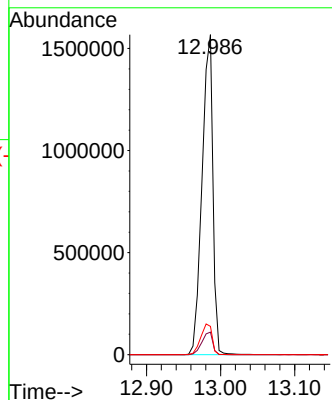
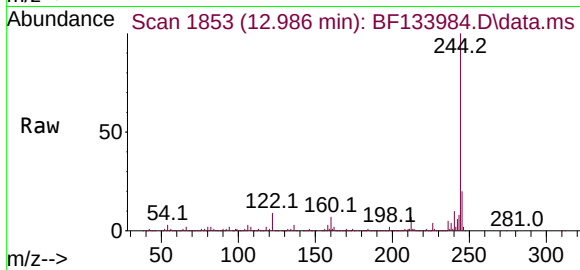




#79
 Terphenyl-d14
 Concen: 89.132 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. 0.006 min
 Lab File: BF133984.D
 Acq: 27 Jun 2023 11:03

Instrument :
 BNA_F
 ClientSampleId :
 PB153762BL

Tgt Ion:244 Resp: 1592759
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 8.8 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. 0.000 min
 Lab File: BF133984.D
 Acq: 27 Jun 2023 11:03

Tgt Ion:264 Resp: 226439
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.2 16.6 25.0

