

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134105.D
 Acq On : 06 Jul 2023 19:28
 Operator : CG\JU
 Sample : 03486-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BAYONNE-COMP

Quant Time: Jul 07 01:32:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	85678	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	323731	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	160772	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	310885	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	208116	20.000	ng	-0.02
86) Perylene-d12	15.539	264	169668	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	554081	108.178	ng	0.00
7) Phenol-d6	6.481	99	657954	104.454	ng	-0.01
23) Nitrobenzene-d5	7.404	82	435680	72.546	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	212585	105.461	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	794780	71.874	ng	-0.01
79) Terphenyl-d14	12.975	244	825377	63.829	ng	-0.01

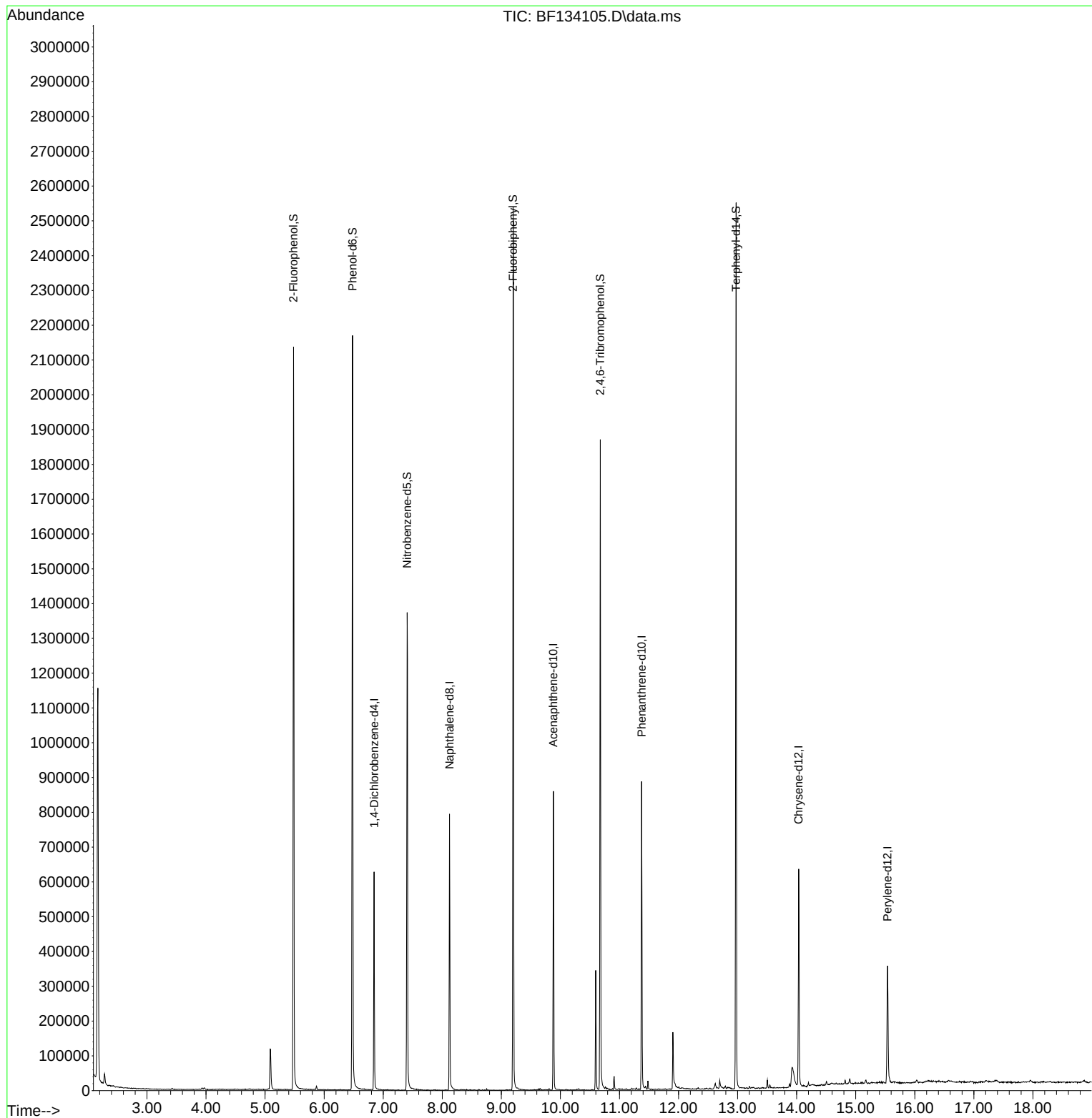
Target Compounds	Qvalue

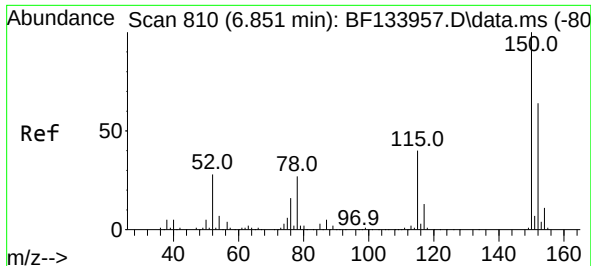
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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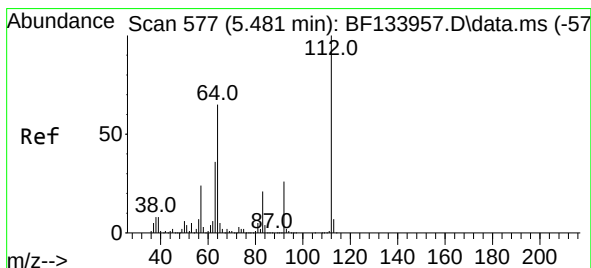
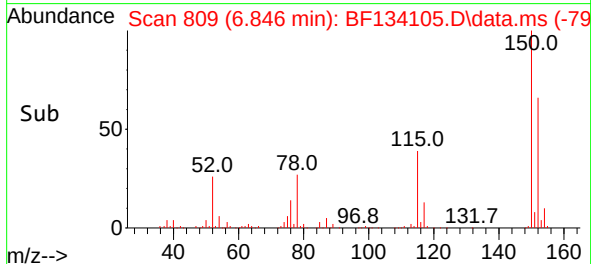
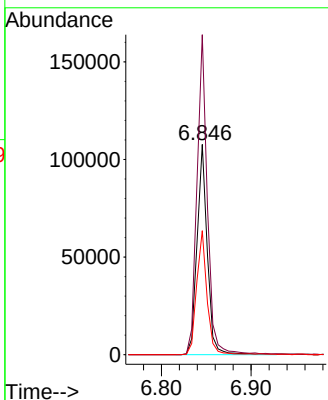
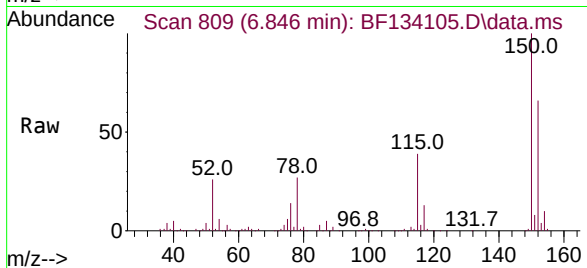




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 810
Delta R.T. -0.005 min
Lab File: BF134105.D
Acq: 06 Jul 2023 19:28

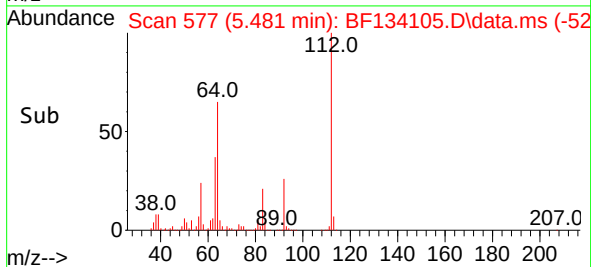
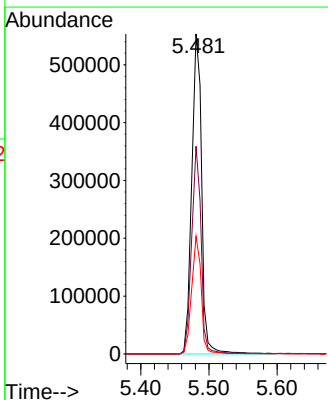
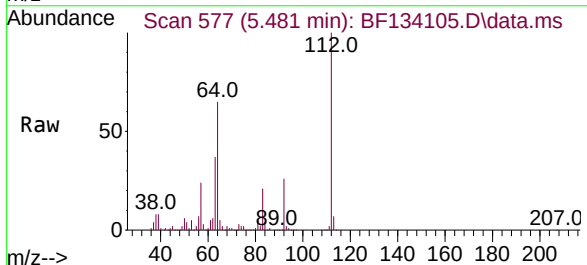
Instrument :
BNA_F
ClientSampleId :
BAYONNE-COMP

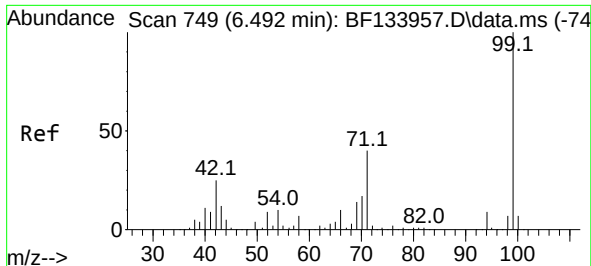
Tgt Ion:152 Resp: 85678
Ion Ratio Lower Upper
152 100
150 152.2 124.5 186.7
115 59.0 50.2 75.2



#5
2-Fluorophenol
Concen: 108.178 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134105.D
Acq: 06 Jul 2023 19:28

Tgt Ion:112 Resp: 554081
Ion Ratio Lower Upper
112 100
64 64.9 52.1 78.1
63 36.8 28.6 42.8

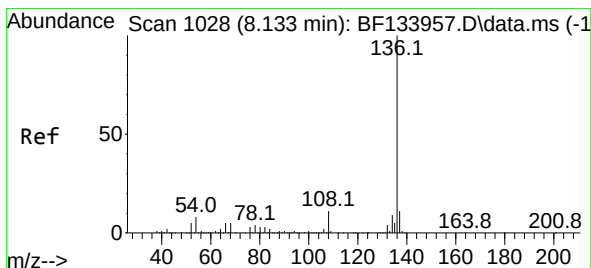
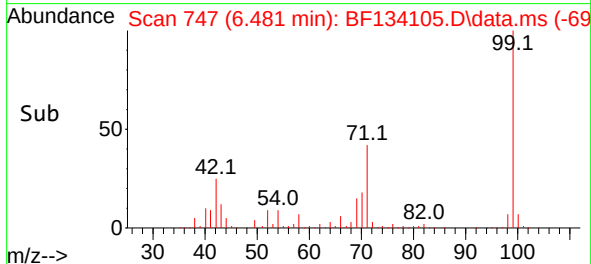
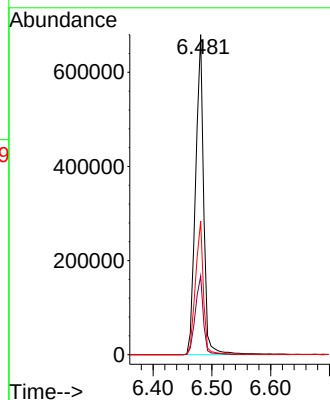
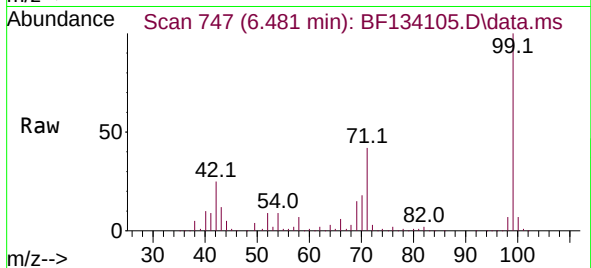




#7
Phenol-d6
Concen: 104.454 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF134105.D
Acq: 06 Jul 2023 19:28

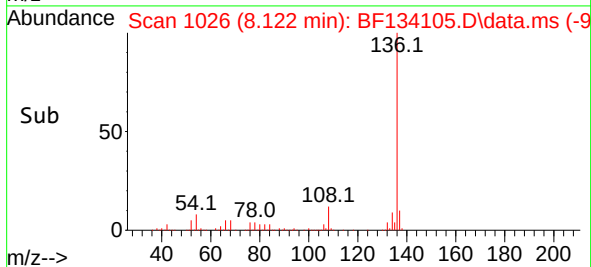
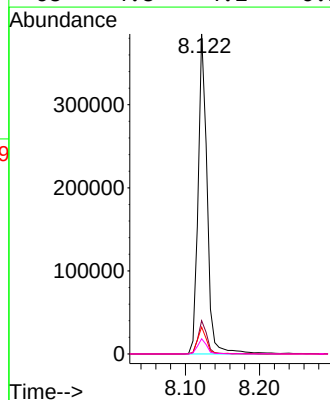
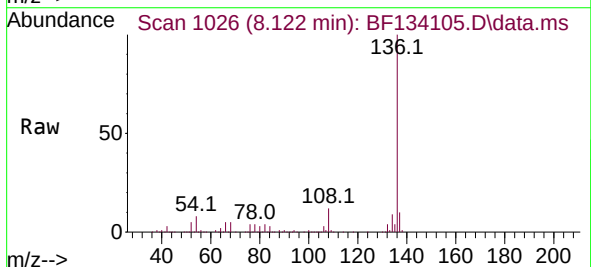
Instrument :
BNA_F
ClientSampleId :
BAYONNE-COMP

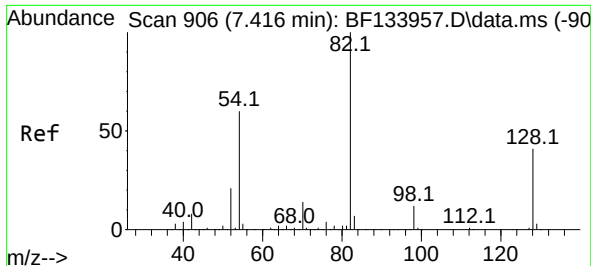
Tgt Ion: 99 Resp: 657954
Ion Ratio Lower Upper
99 100
42 24.6 19.8 29.6
71 41.7 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134105.D
Acq: 06 Jul 2023 19:28

Tgt Ion: 136 Resp: 323731
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 8.4 6.5 9.7
68 4.8 4.2 6.2

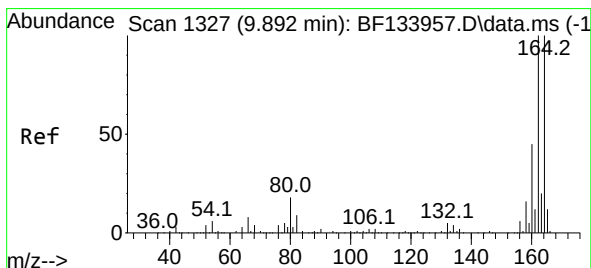
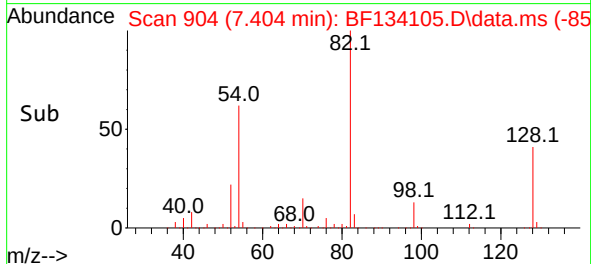
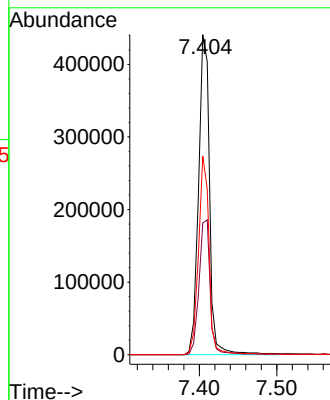
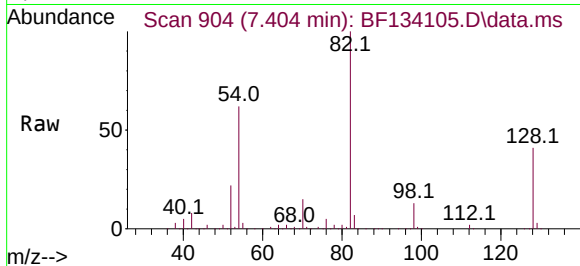




#23
Nitrobenzene-d5
Concen: 72.546 ng
RT: 7.404 min Scan# 906
Delta R.T. -0.018 min
Lab File: BF134105.D
Acq: 06 Jul 2023 19:28

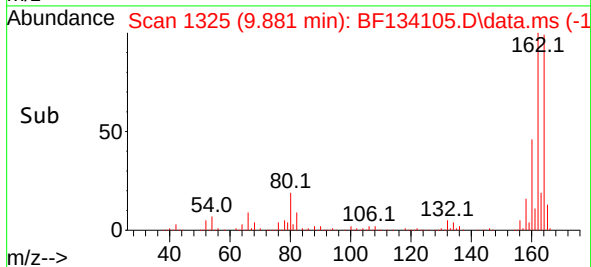
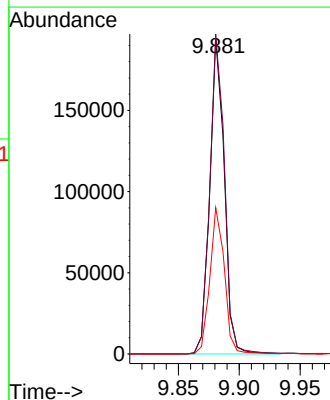
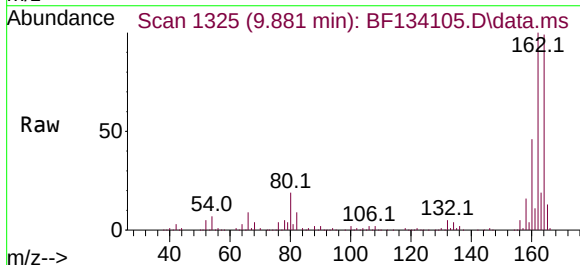
Instrument :
BNA_F
ClientSampleId :
BAYONNE-COMP

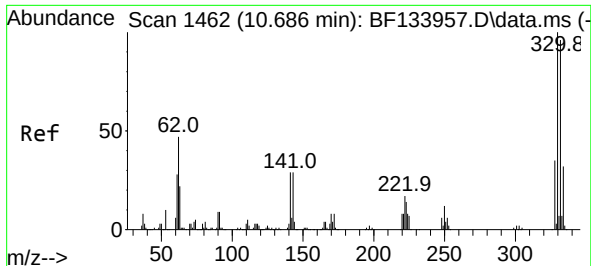
Tgt Ion: 82 Resp: 435680
Ion Ratio Lower Upper
82 100
128 41.2 32.5 48.7
54 62.1 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134105.D
Acq: 06 Jul 2023 19:28

Tgt Ion:164 Resp: 160772
Ion Ratio Lower Upper
164 100
162 101.4 80.0 120.0
160 46.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 105.461 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.012 min

Lab File: BF134105.D

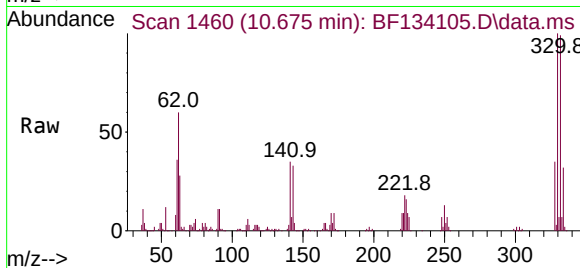
Acq: 06 Jul 2023 19:28

Instrument :

BNA_F

ClientSampleId :

BAYONNE-COMP



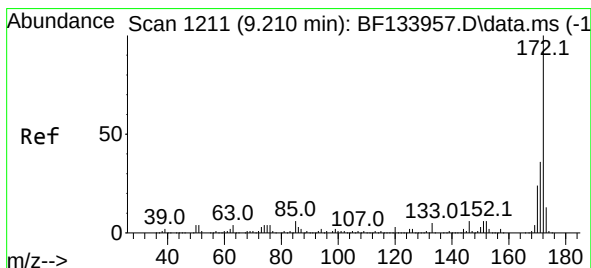
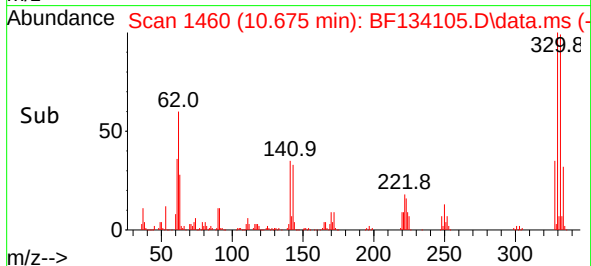
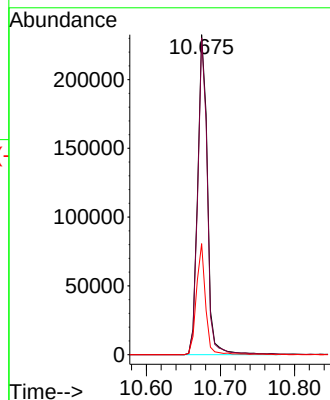
Tgt Ion:330 Resp: 212585

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

141 32.6 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 71.874 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.012 min

Lab File: BF134105.D

Acq: 06 Jul 2023 19:28

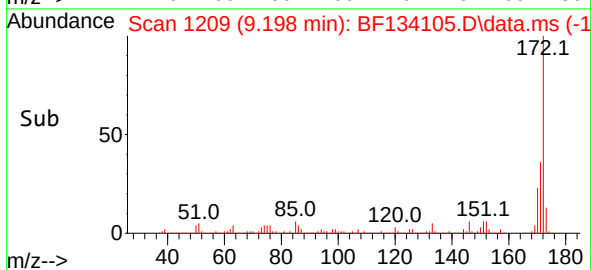
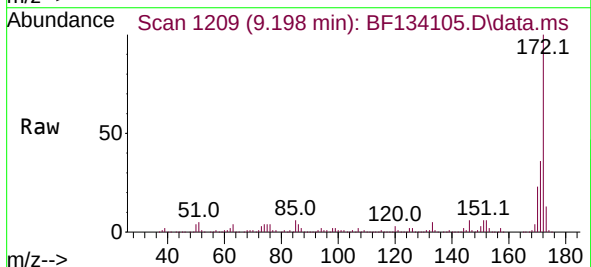
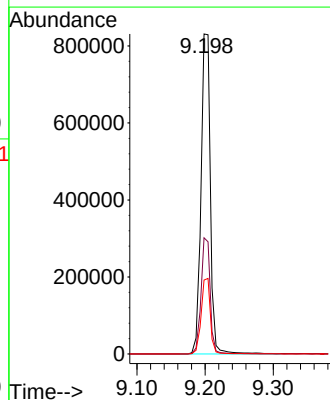
Tgt Ion:172 Resp: 794780

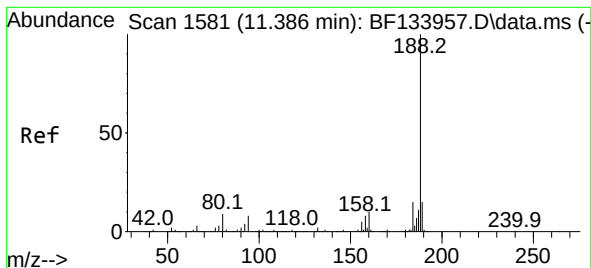
Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

170 23.1 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134105.D

Acq: 06 Jul 2023 19:28

Instrument :

BNA_F

ClientSampleId :

BAYONNE-COMP

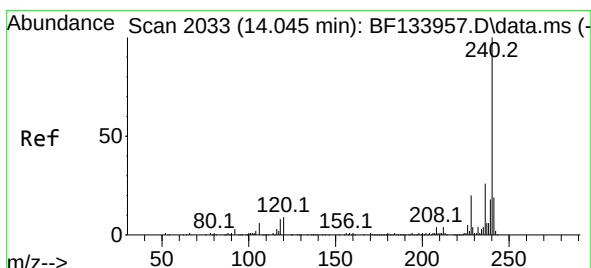
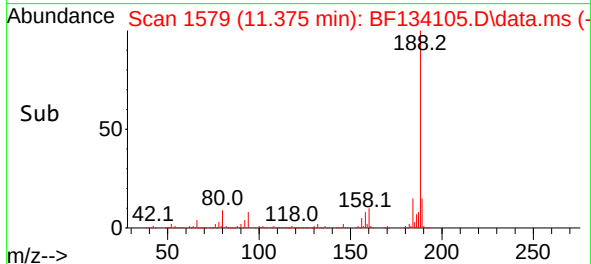
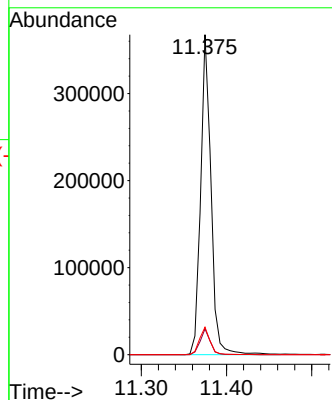
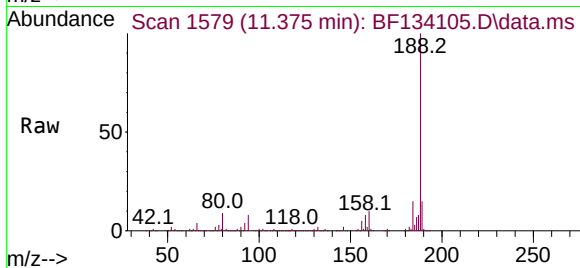
Tgt Ion:188 Resp: 310885

Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 8.6 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.018 min

Lab File: BF134105.D

Acq: 06 Jul 2023 19:28

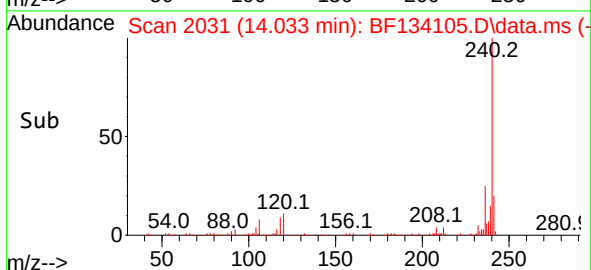
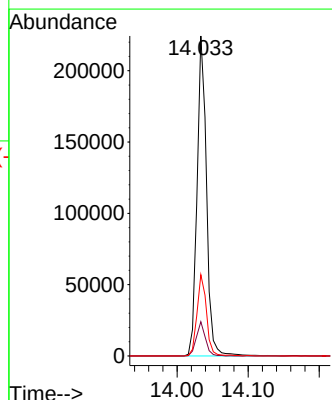
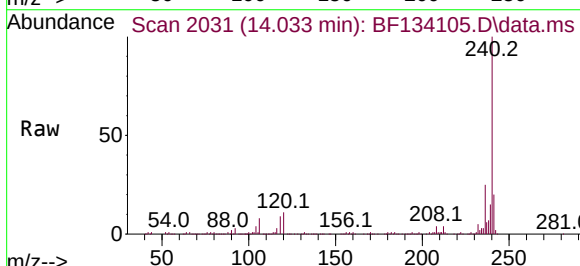
Tgt Ion:240 Resp: 208116

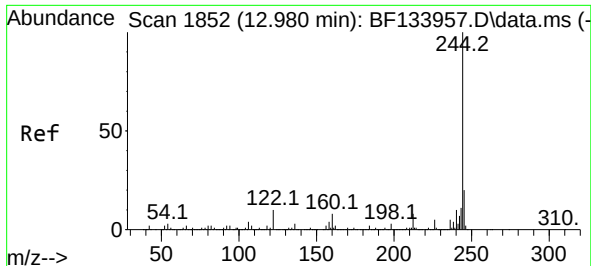
Ion Ratio Lower Upper

240 100

120 10.7 7.4 11.0

236 25.4 21.0 31.6

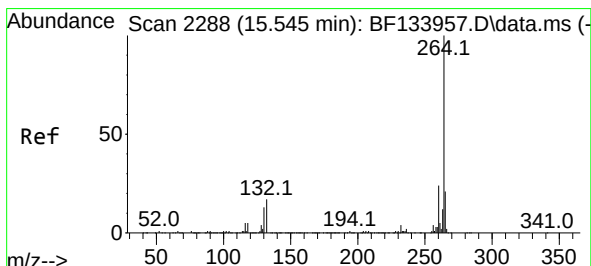
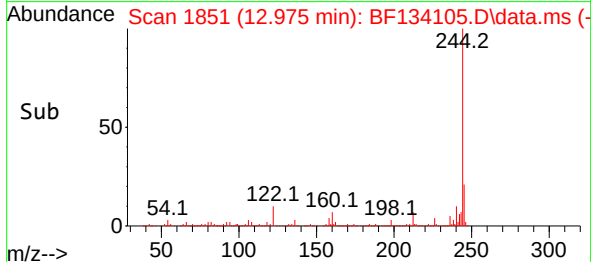
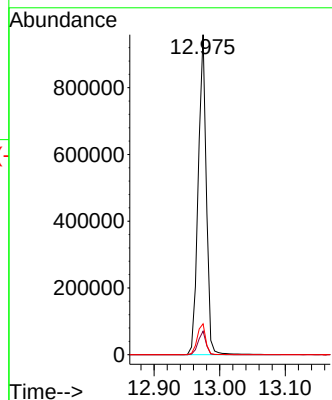
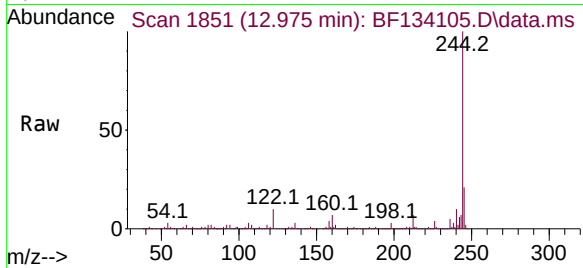




#79
 Terphenyl-d14
 Concen: 63.829 ng
 RT: 12.975 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF134105.D
 Acq: 06 Jul 2023 19:28

Instrument :
 BNA_F
 ClientSampleId :
 BAYONNE-COMP

Tgt Ion:244 Resp: 825377
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 9.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134105.D
 Acq: 06 Jul 2023 19:28

Tgt Ion:264 Resp: 169668
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.8 16.6 25.0

