

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
 Data File : BF131649.D
 Acq On : 15 Dec 2022 15:08
 Operator : CG\JU
 Sample : N5993-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC1-W5

Quant Time: Dec 16 01:51:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	70909	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	258925	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	152868	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	296212	20.000	ng	0.00
76) Chrysene-d12	14.080	240	170200	20.000	ng	0.00
86) Perylene-d12	15.580	264	153523	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	457048	107.530	ng	0.00
7) Phenol-d6	6.510	99	597199	107.220	ng	0.00
23) Nitrobenzene-d5	7.445	82	415058	60.604	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	167669	98.721	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	730746	60.273	ng	0.00
79) Terphenyl-d14	13.021	244	881686	71.043	ng	0.00

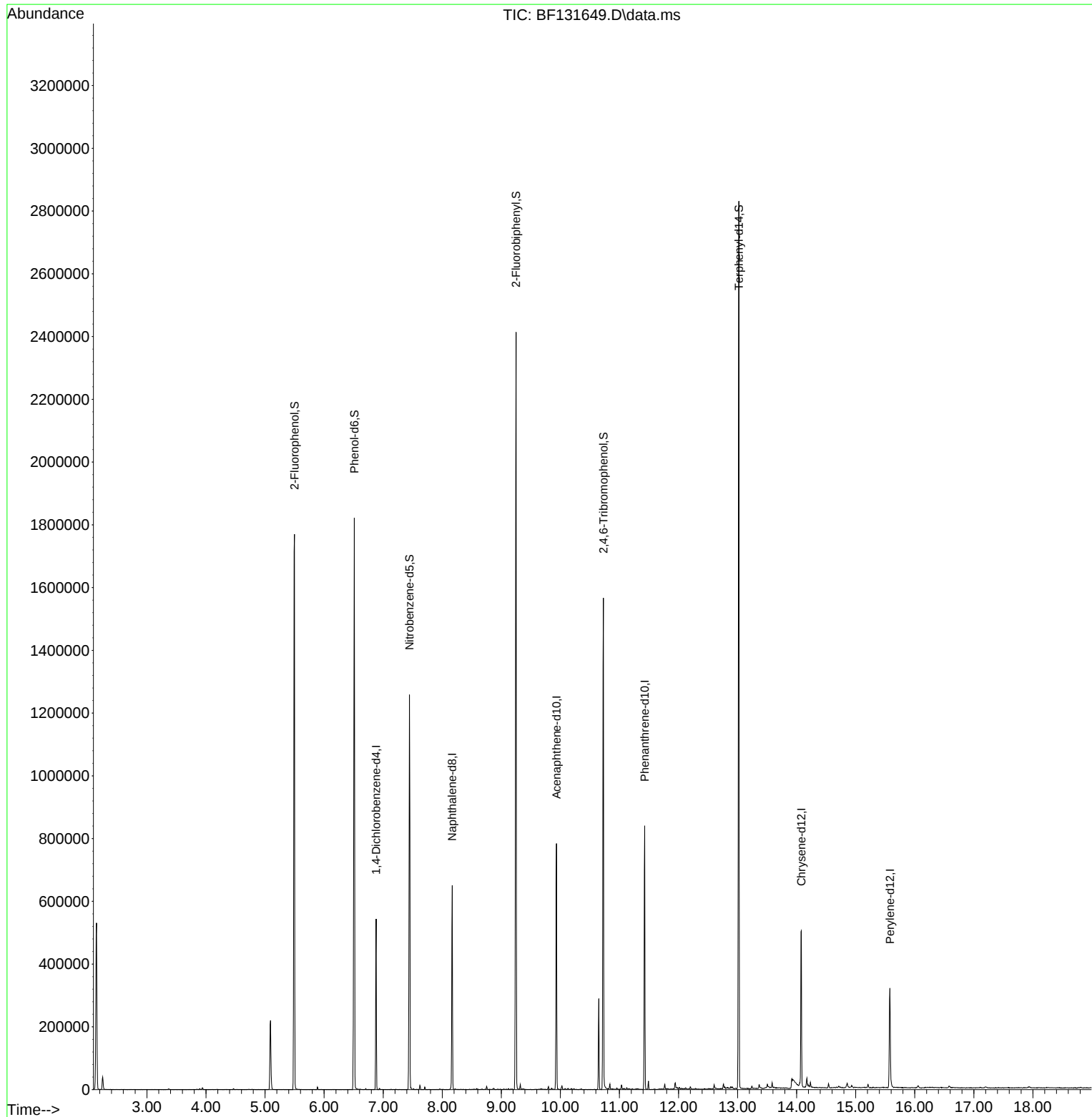
Target Compounds	Qvalue

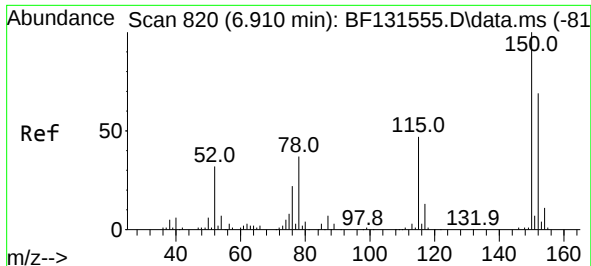
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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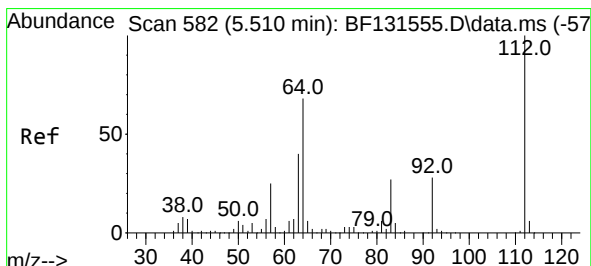
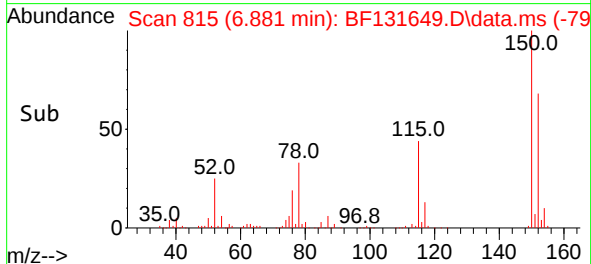
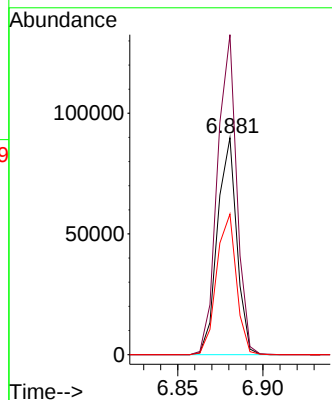
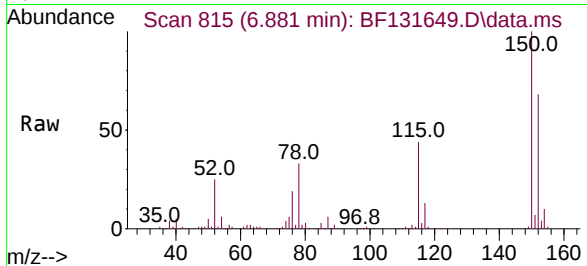




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131649.D
Acq: 15 Dec 2022 15:08

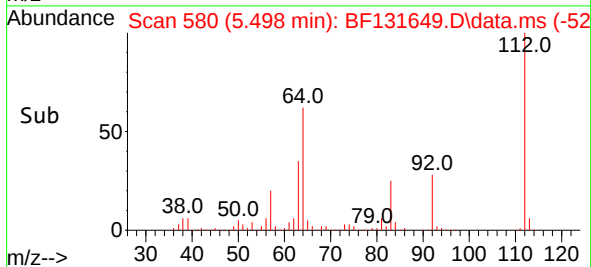
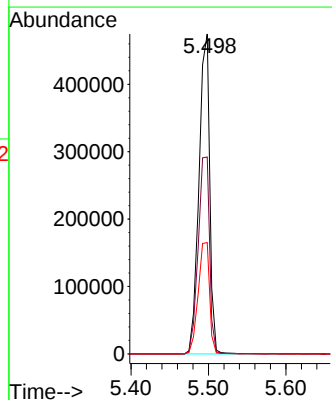
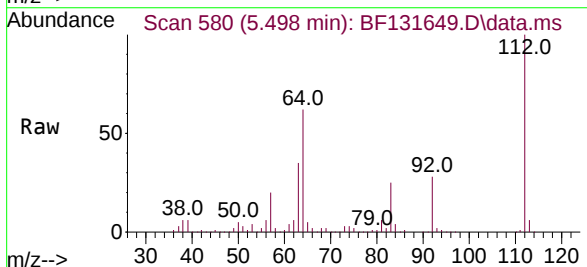
Instrument :
BNA_F
ClientSampleId :
AOC1-W5

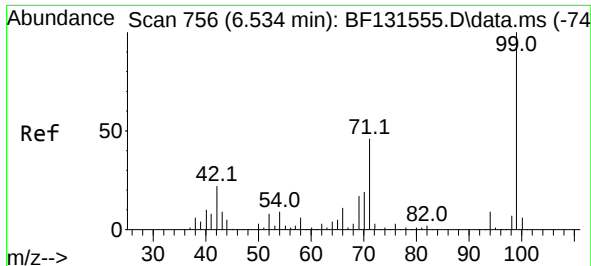
Tgt Ion:152 Resp: 70909
Ion Ratio Lower Upper
152 100
150 147.6 116.7 175.1
115 64.9 54.6 82.0



#5
2-Fluorophenol
Concen: 107.530 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF131649.D
Acq: 15 Dec 2022 15:08

Tgt Ion:112 Resp: 457048
Ion Ratio Lower Upper
112 100
64 61.5 54.5 81.7
63 34.8 31.9 47.9

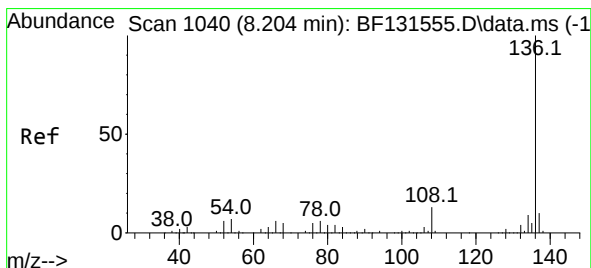
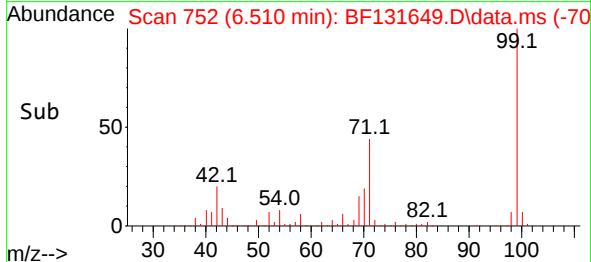
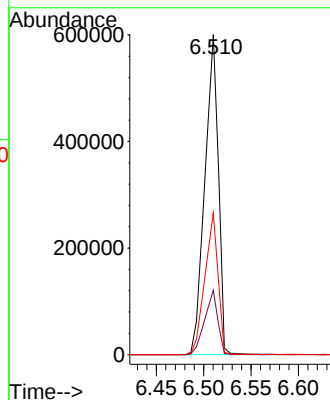
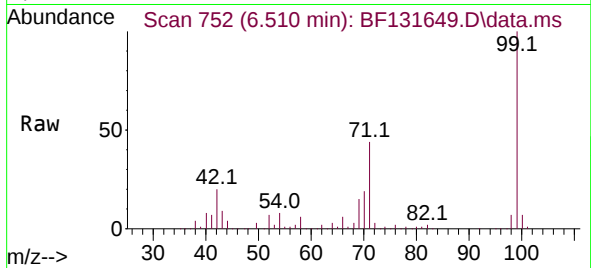




#7
Phenol-d6
Concen: 107.220 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131649.D
Acq: 15 Dec 2022 15:08

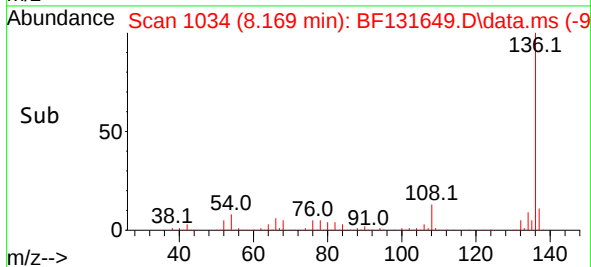
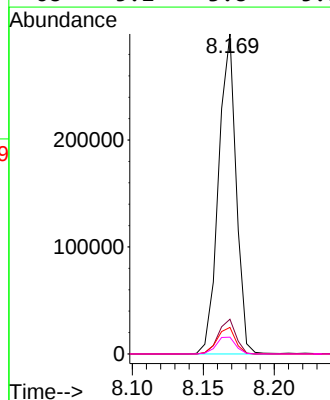
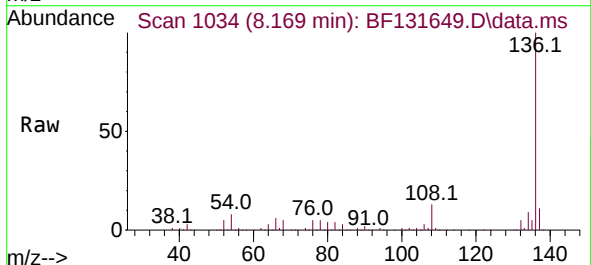
Instrument :
BNA_F
ClientSampleId :
AOC1-W5

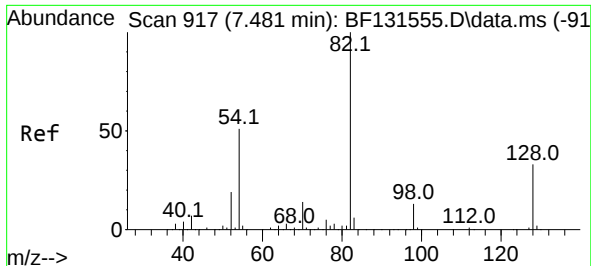
Tgt Ion: 99 Resp: 597199
Ion Ratio Lower Upper
99 100
42 20.1 17.9 26.9
71 44.3 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF131649.D
Acq: 15 Dec 2022 15:08

Tgt Ion: 136 Resp: 258925
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 8.3 6.0 9.0
68 5.2 3.8 5.8

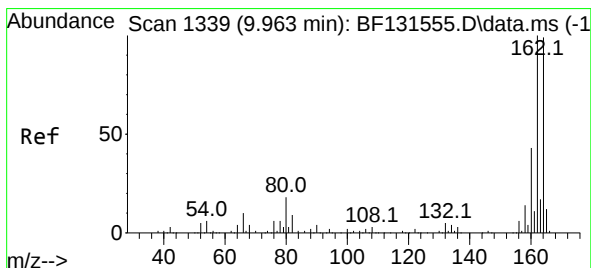
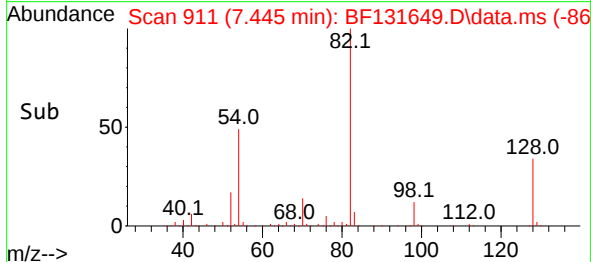
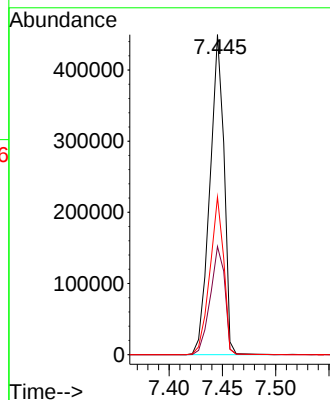
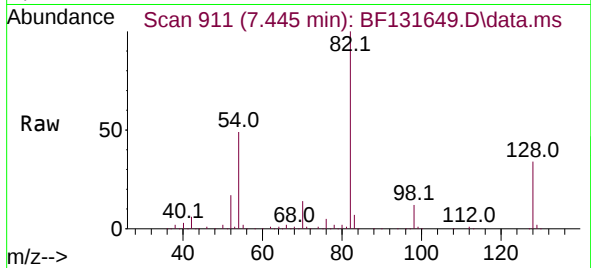




#23
Nitrobenzene-d5
Concen: 60.604 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131649.D
Acq: 15 Dec 2022 15:08

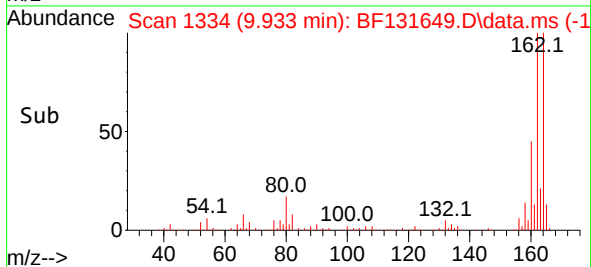
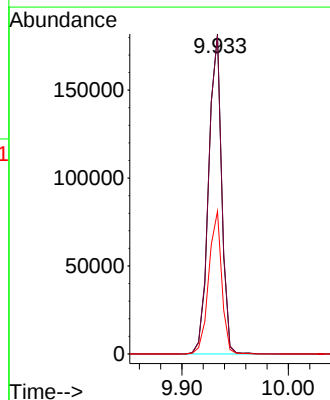
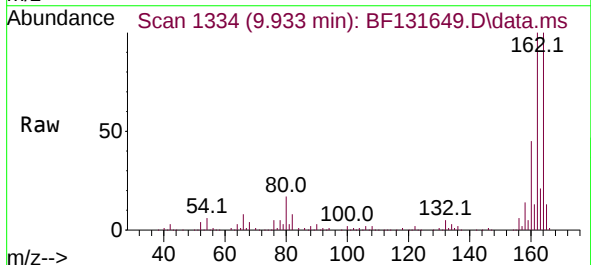
Instrument :
BNA_F
ClientSampleId :
AOC1-W5

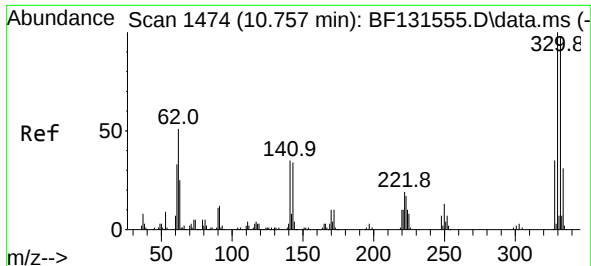
Tgt Ion: 82 Resp: 415058
Ion Ratio Lower Upper
82 100
128 33.8 26.1 39.1
54 49.2 40.6 60.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131649.D
Acq: 15 Dec 2022 15:08

Tgt Ion:164 Resp: 152868
Ion Ratio Lower Upper
164 100
162 99.6 81.0 121.6
160 44.6 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 98.721 ng

RT: 10.727 min Scan# 1474

Delta R.T. -0.006 min

Lab File: BF131649.D

Acq: 15 Dec 2022 15:08

Instrument :

BNA_F

ClientSampleId :

AOC1-W5

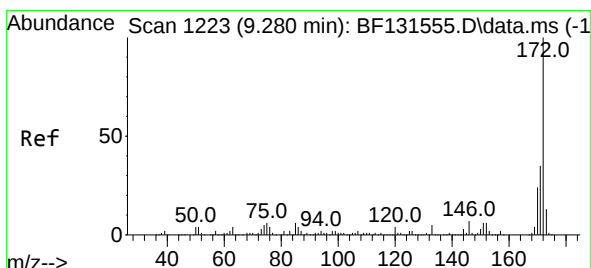
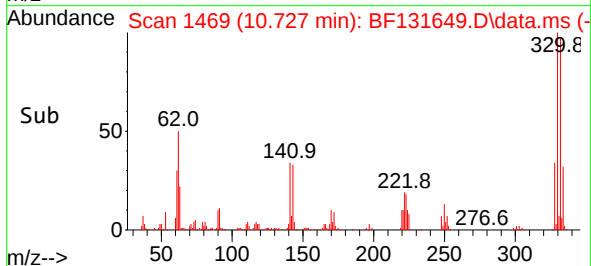
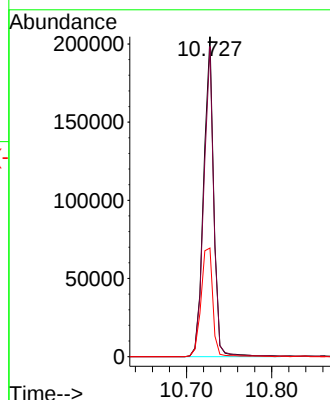
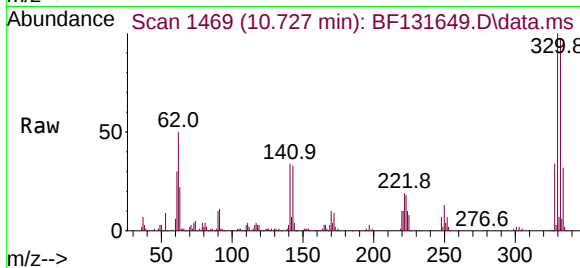
Tgt Ion:330 Resp: 167669

Ion Ratio Lower Upper

330 100

332 96.0 78.3 117.5

141 39.7 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 60.273 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF131649.D

Acq: 15 Dec 2022 15:08

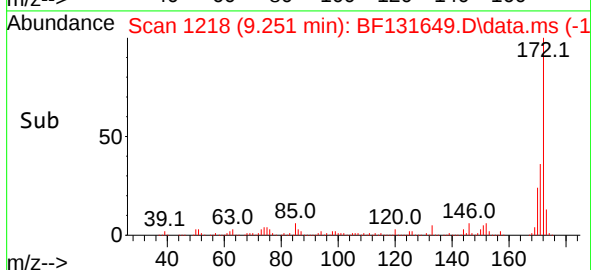
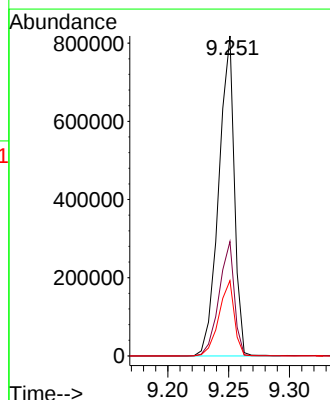
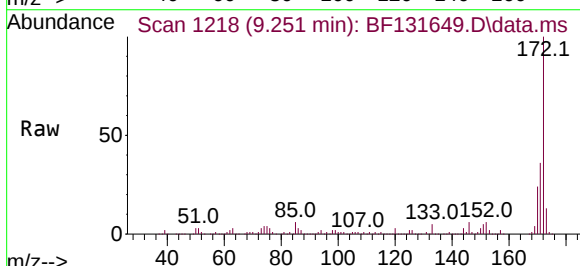
Tgt Ion:172 Resp: 730746

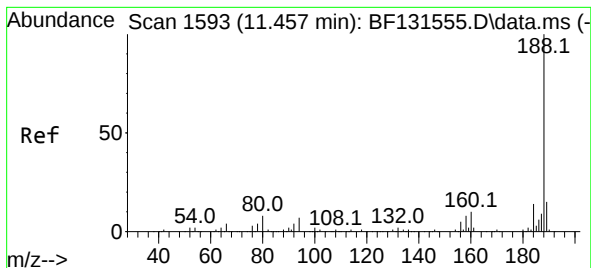
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.5 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131649.D

Acq: 15 Dec 2022 15:08

Instrument :

BNA_F

ClientSampleId :

AOC1-W5

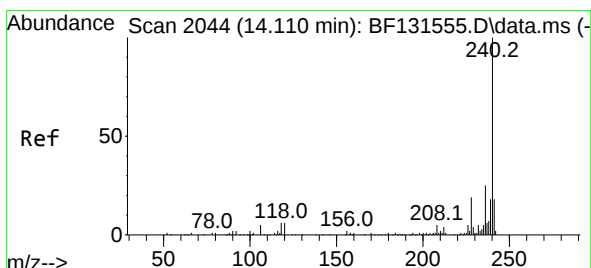
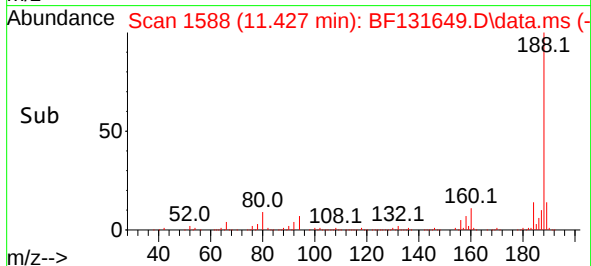
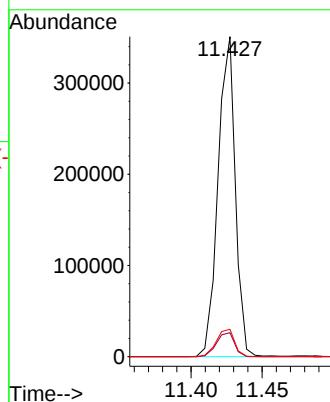
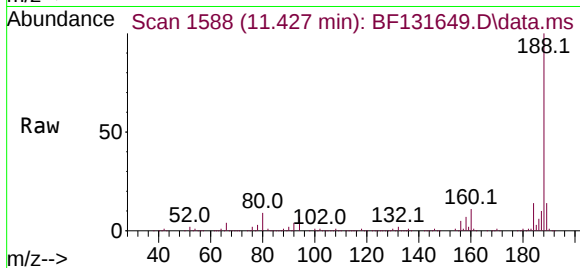
Tgt Ion:188 Resp: 296212

Ion Ratio Lower Upper

188 100

94 7.5 5.5 8.3

80 8.5 6.6 10.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BF131649.D

Acq: 15 Dec 2022 15:08

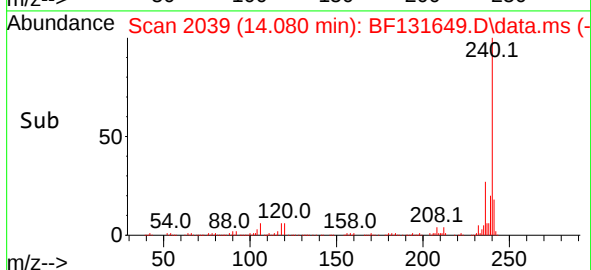
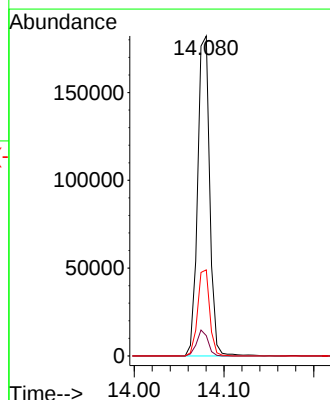
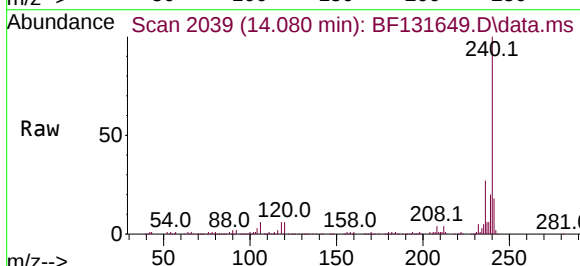
Tgt Ion:240 Resp: 170200

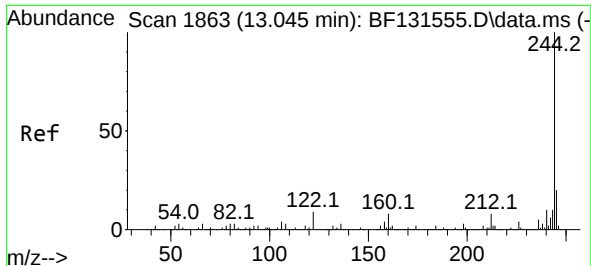
Ion Ratio Lower Upper

240 100

120 6.3 4.6 7.0

236 26.9 20.2 30.2

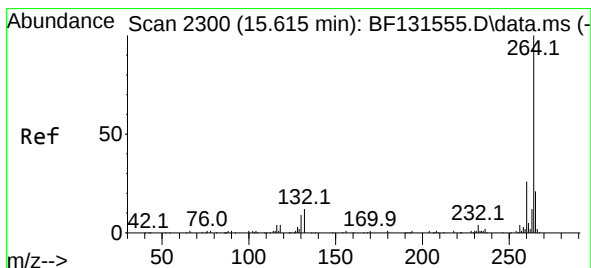
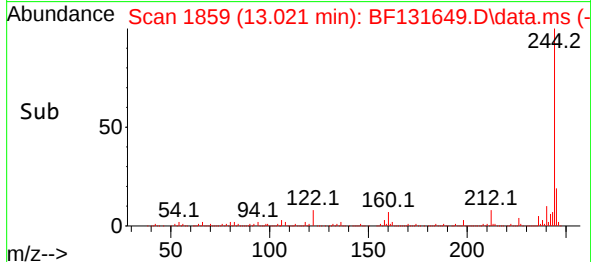
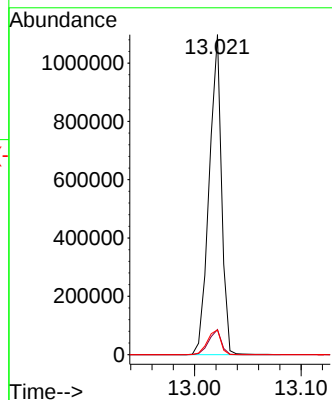
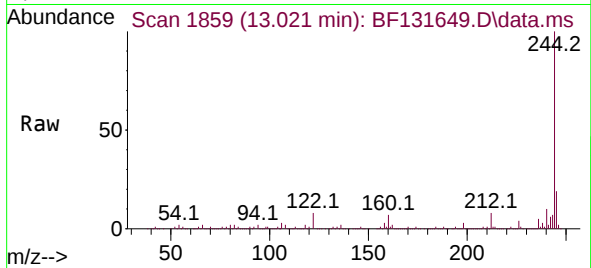




#79
 Terphenyl-d14
 Concen: 71.043 ng
 RT: 13.021 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: BF131649.D
 Acq: 15 Dec 2022 15:08

Instrument :
 BNA_F
 ClientSampleId :
 AOC1-W5

Tgt Ion:244 Resp: 881686
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 7.7 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. -0.000 min
 Lab File: BF131649.D
 Acq: 15 Dec 2022 15:08

Tgt Ion:264 Resp: 153523
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.6 30.8
 265 21.2 16.8 25.2

