

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121422\
 Data File : BF131639.D
 Acq On : 15 Dec 2022 00:49
 Operator : CG\JU
 Sample : N5993-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC2-B1-V1

Quant Time: Dec 15 01:56:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 03:22:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	69867	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	251639	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	143752	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	273061	20.000	ng	0.00
76) Chrysene-d12	14.074	240	149904	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	140116	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	425224	101.535	ng	0.00
7) Phenol-d6	6.510	99	550866	100.376	ng	-0.01
23) Nitrobenzene-d5	7.445	82	382469	57.463	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	149153	93.388	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	674534	59.165	ng	0.00
79) Terphenyl-d14	13.021	244	741094	67.799	ng	0.00

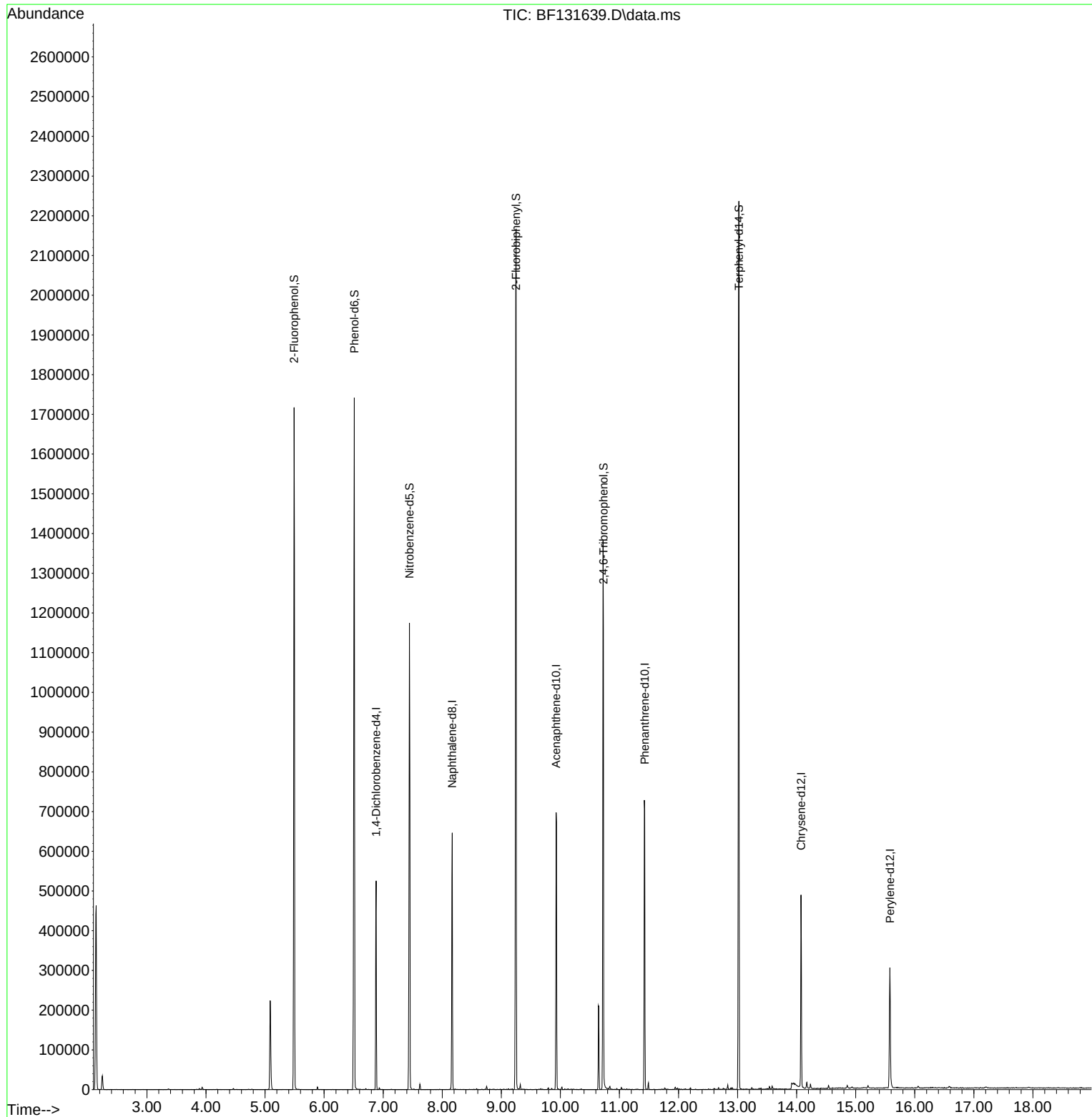
Target Compounds	Qvalue

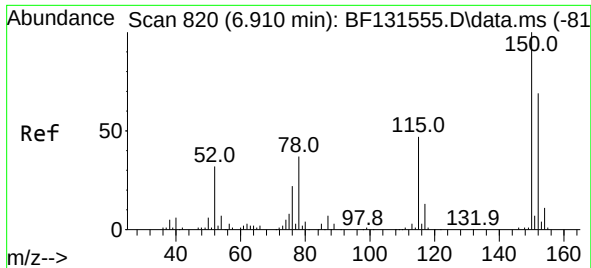
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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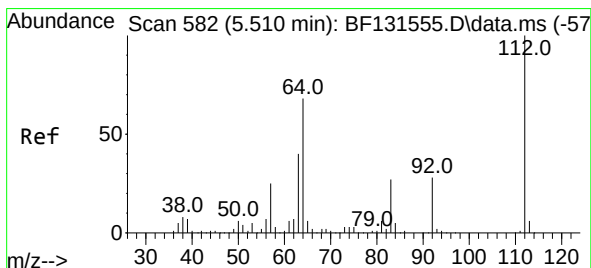
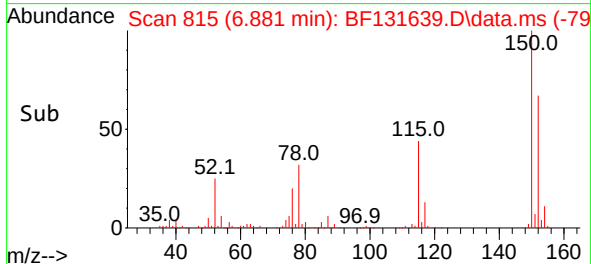
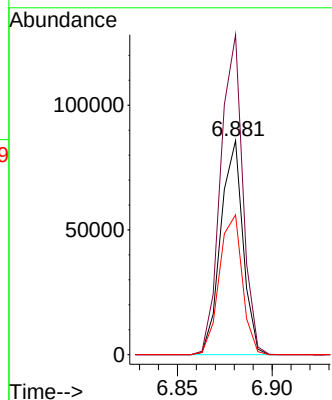
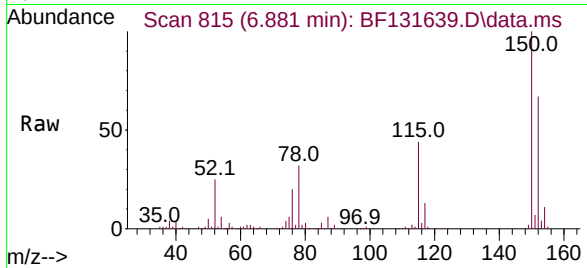




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131639.D
Acq: 15 Dec 2022 00:49

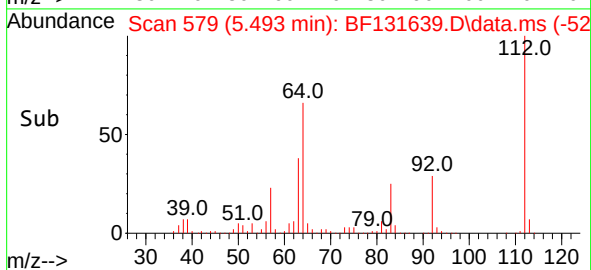
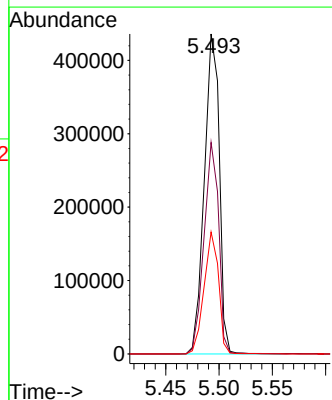
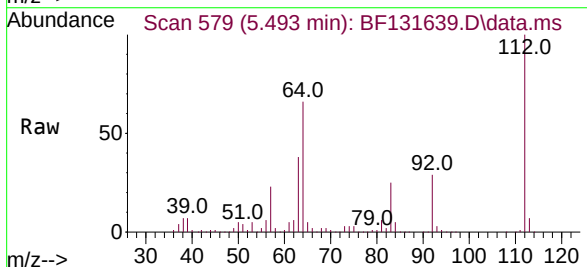
Instrument :
BNA_F
ClientSampleId :
AOC2-B1-V1

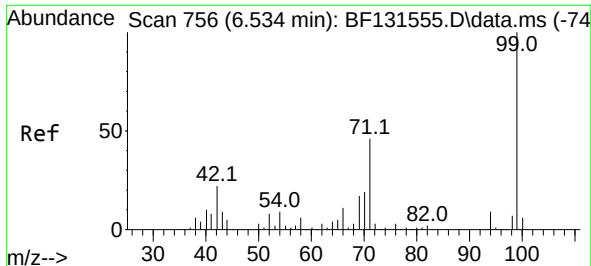
Tgt Ion:152 Resp: 69867
Ion Ratio Lower Upper
152 100
150 149.5 116.7 175.1
115 65.3 54.6 82.0



#5
2-Fluorophenol
Concen: 101.535 ng
RT: 5.493 min Scan# 579
Delta R.T. -0.006 min
Lab File: BF131639.D
Acq: 15 Dec 2022 00:49

Tgt Ion:112 Resp: 425224
Ion Ratio Lower Upper
112 100
64 66.1 54.5 81.7
63 38.1 31.9 47.9

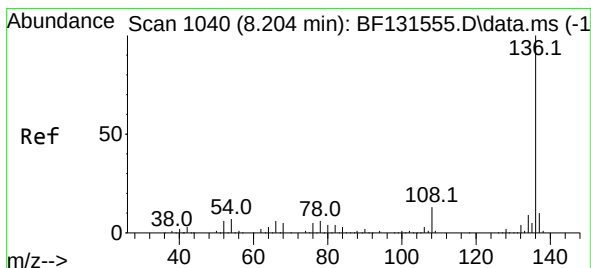
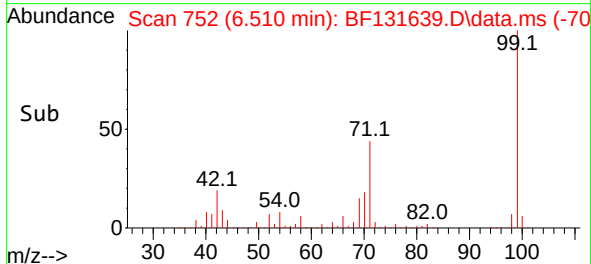
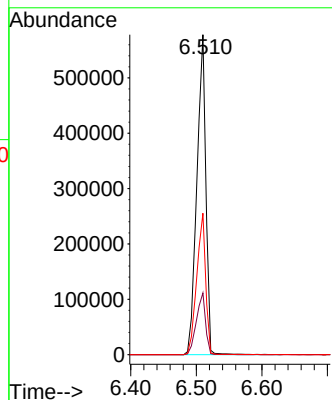
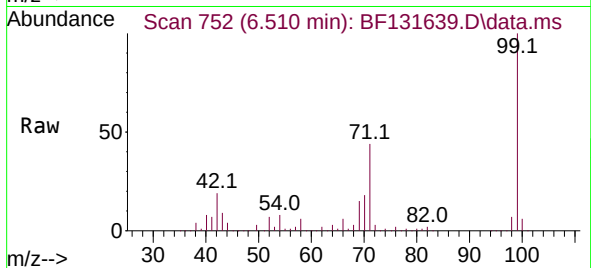




#7
Phenol-d6
Concen: 100.376 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131639.D
Acq: 15 Dec 2022 00:49

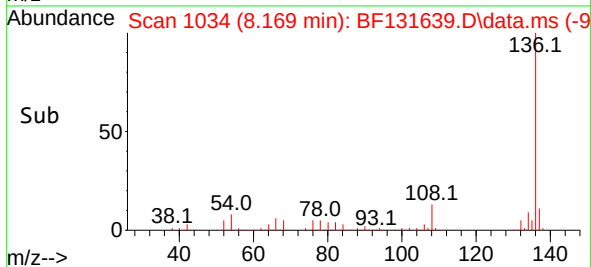
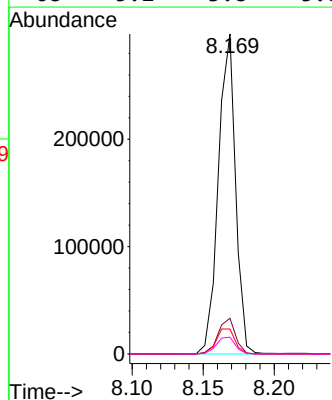
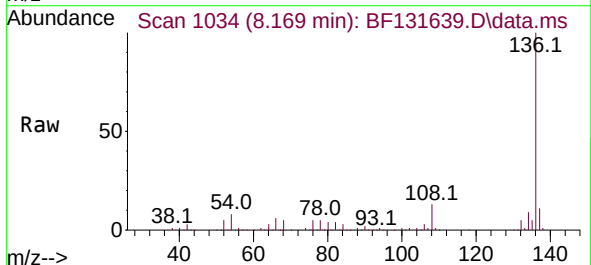
Instrument :
BNA_F
ClientSampleId :
AOC2-B1-V1

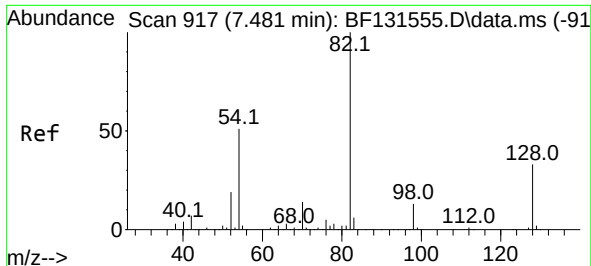
Tgt Ion: 99 Resp: 550866
Ion Ratio Lower Upper
99 100
42 19.3 17.9 26.9
71 44.2 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF131639.D
Acq: 15 Dec 2022 00:49

Tgt Ion: 136 Resp: 251639
Ion Ratio Lower Upper
136 100
137 11.1 8.1 12.1
54 7.8 6.0 9.0
68 5.2 3.8 5.8





#23

Nitrobenzene-d5

Concen: 57.463 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF131639.D

Acq: 15 Dec 2022 00:49

Instrument :

BNA_F

ClientSampleId :

AOC2-B1-V1

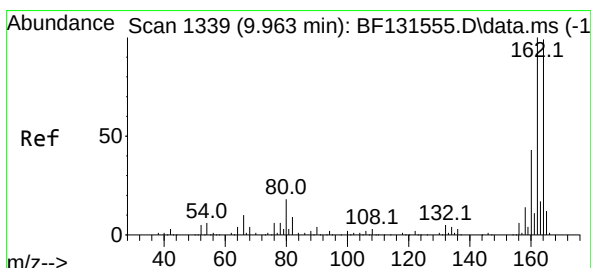
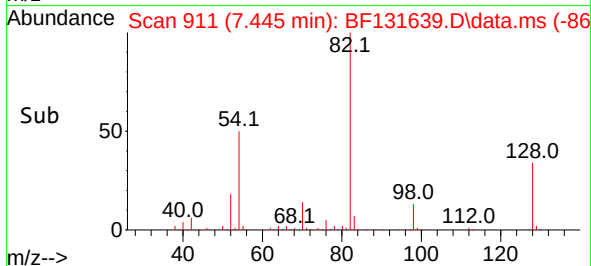
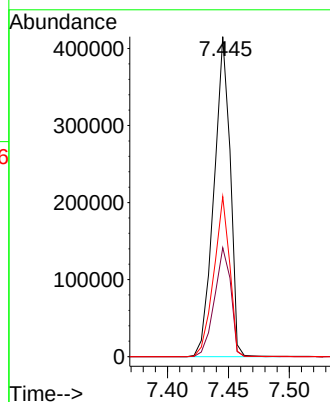
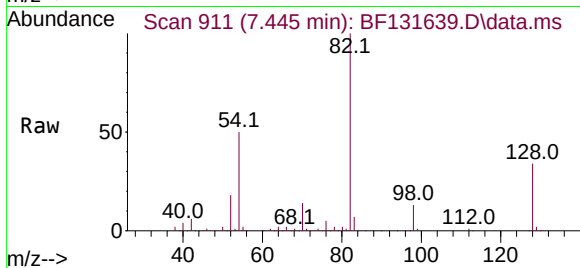
Tgt Ion: 82 Resp: 382469

Ion Ratio Lower Upper

82 100

128 34.0 26.1 39.1

54 50.0 40.6 60.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1333

Delta R.T. -0.012 min

Lab File: BF131639.D

Acq: 15 Dec 2022 00:49

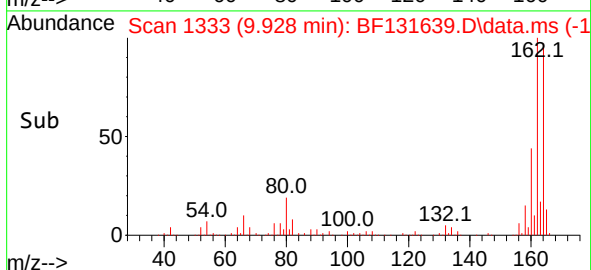
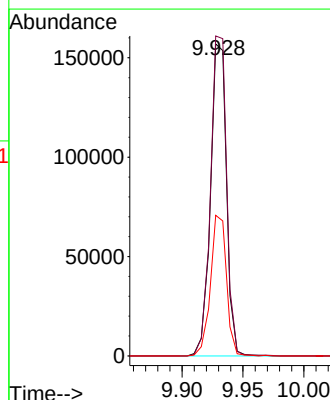
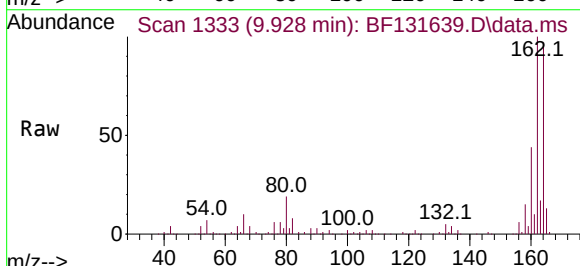
Tgt Ion:164 Resp: 143752

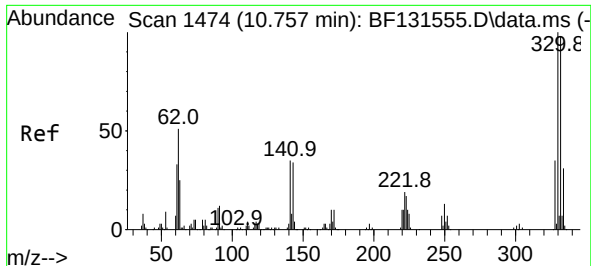
Ion Ratio Lower Upper

164 100

162 102.6 81.0 121.6

160 45.1 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 93.388 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131639.D

Acq: 15 Dec 2022 00:49

Instrument :

BNA_F

ClientSampleId :

AOC2-B1-V1

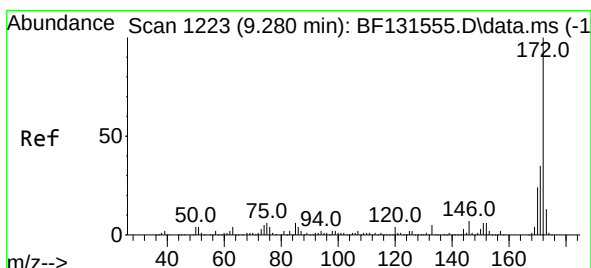
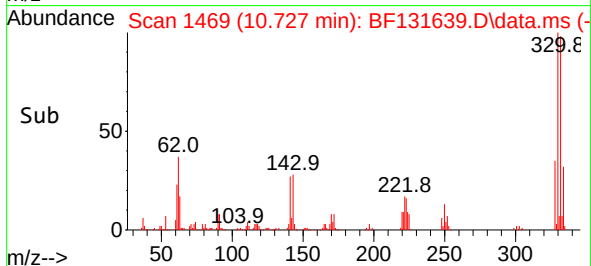
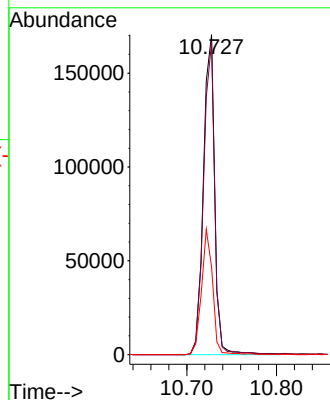
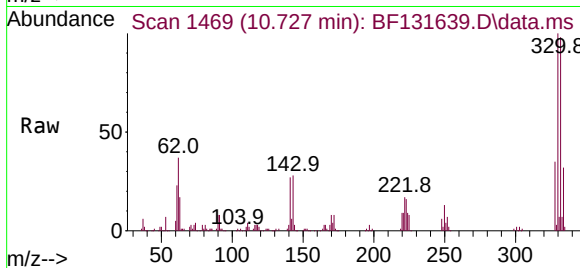
Tgt Ion:330 Resp: 149153

Ion Ratio Lower Upper

330 100

332 96.0 78.3 117.5

141 38.5 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 59.165 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131639.D

Acq: 15 Dec 2022 00:49

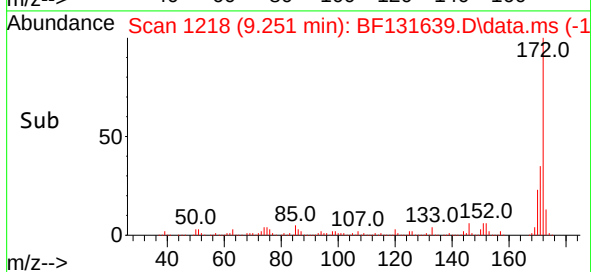
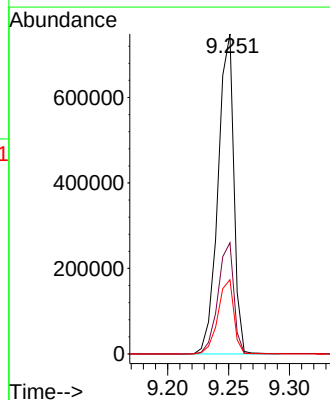
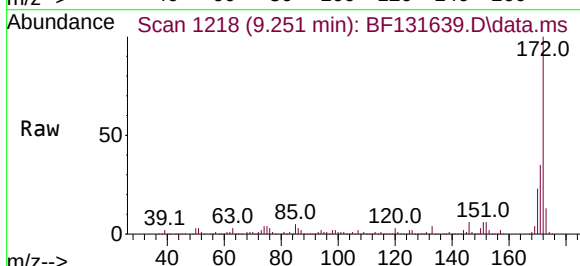
Tgt Ion:172 Resp: 674534

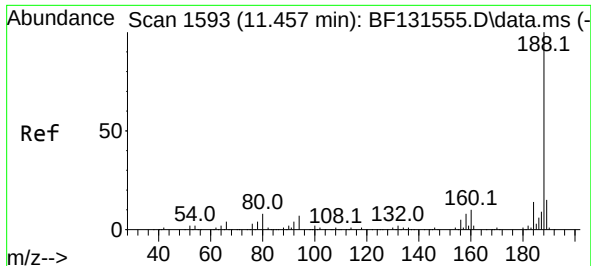
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.2 19.3 28.9

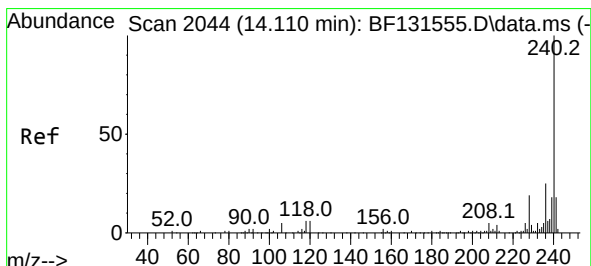
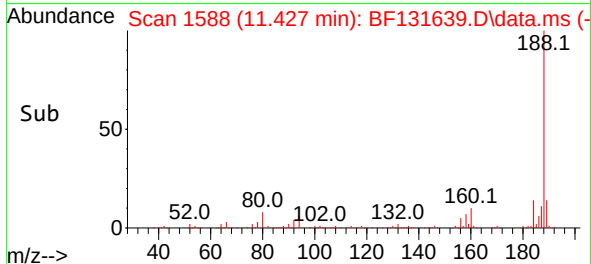
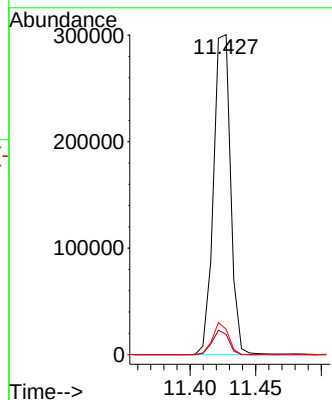
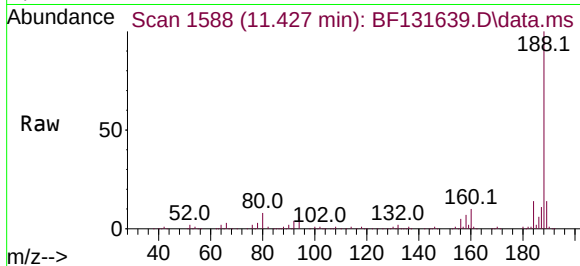




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131639.D
Acq: 15 Dec 2022 00:49

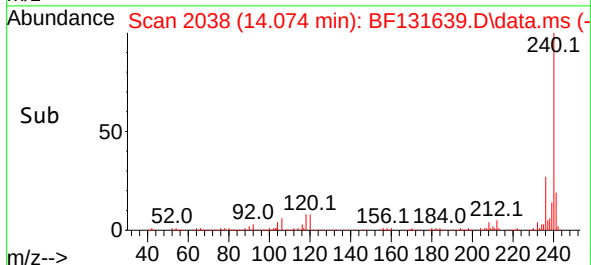
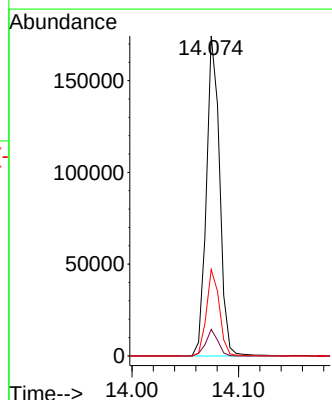
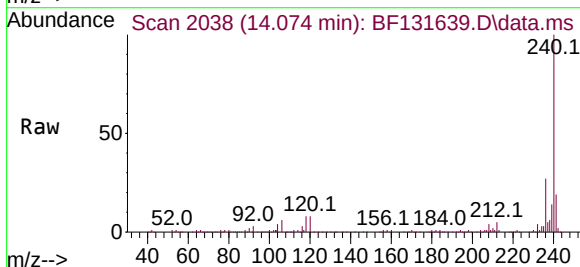
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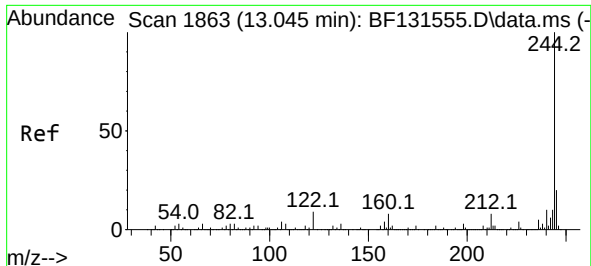
Tgt Ion:188 Resp: 273061
Ion Ratio Lower Upper
188 100
94 6.3 5.5 8.3
80 7.9 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF131639.D
Acq: 15 Dec 2022 00:49

Tgt Ion:240 Resp: 149904
Ion Ratio Lower Upper
240 100
120 8.3 4.6 7.0#
236 27.0 20.2 30.2

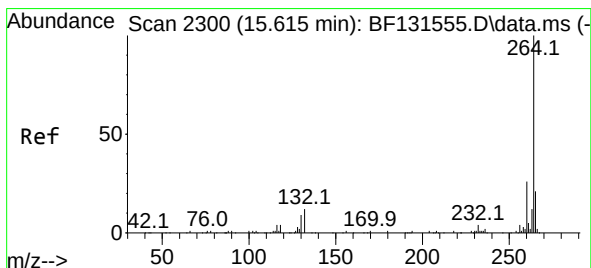
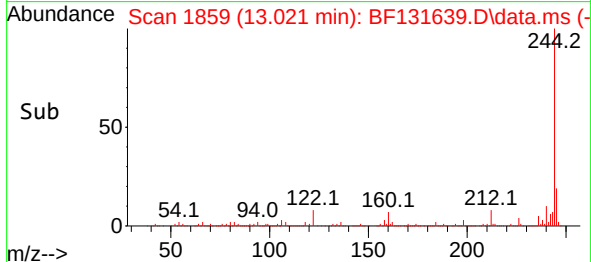
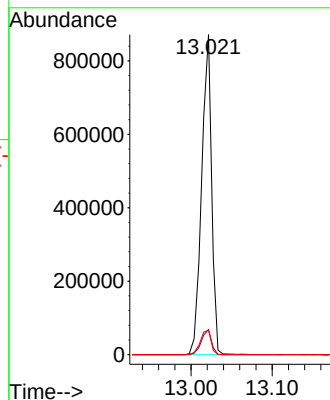
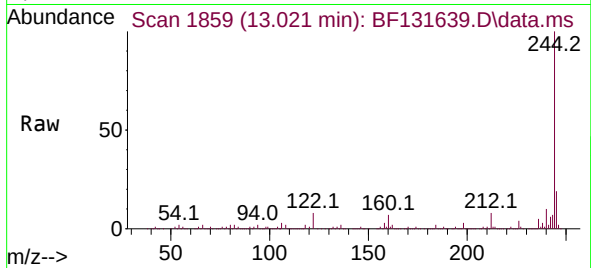




#79
 Terphenyl-d14
 Concen: 67.799 ng
 RT: 13.021 min Scan# 1863
 Delta R.T. -0.006 min
 Lab File: BF131639.D
 Acq: 15 Dec 2022 00:49

Instrument :
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 AOC2-B1-V1

Tgt Ion:244 Resp: 741094
 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. -0.012 min
 Lab File: BF131639.D
 Acq: 15 Dec 2022 00:49

Tgt Ion:264 Resp: 140116
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.6 30.8
 265 21.2 16.8 25.2

