

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121422\
 Data File : BF131630.D
 Acq On : 14 Dec 2022 14:43
 Operator : CG\JU
 Sample : PB149594BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149594BL

Quant Time: Dec 15 01:53:53 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	75372	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	280764	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	166603	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	330916	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	202834	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	160674	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	608186	134.616	ng	0.01
7) Phenol-d6	6.522	99	787394	132.996	ng	0.00
23) Nitrobenzene-d5	7.451	82	543812	73.228	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	240202	129.768	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	985933	74.617	ng	0.00
79) Terphenyl-d14	13.027	244	1191453	80.557	ng	0.00

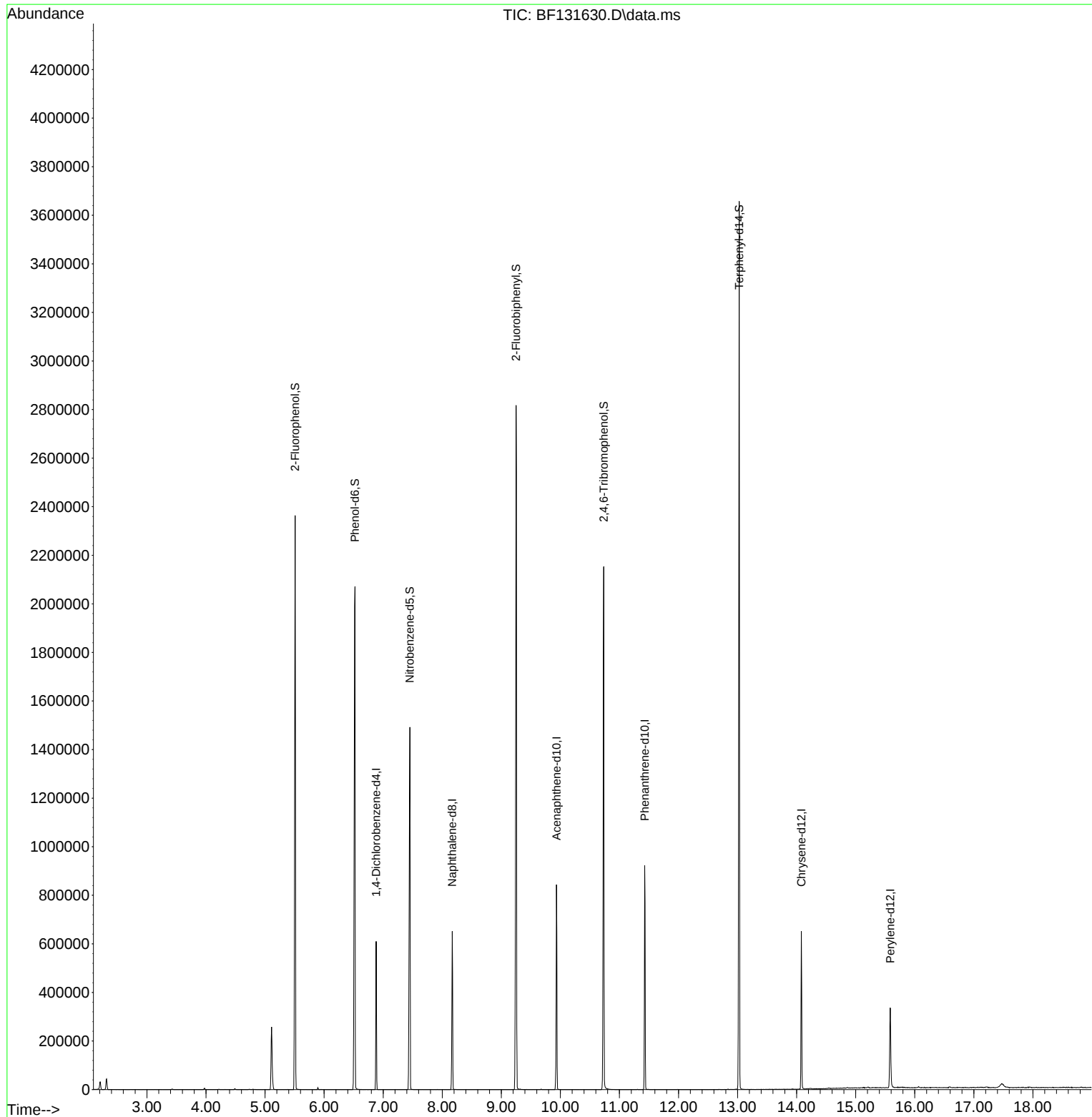
Target Compounds	Qvalue

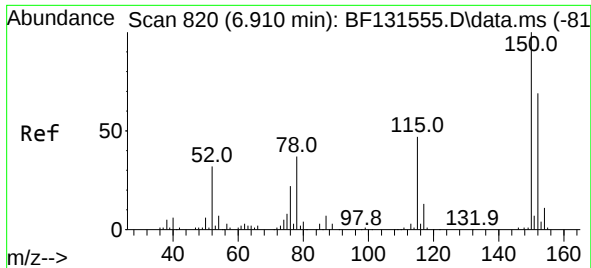
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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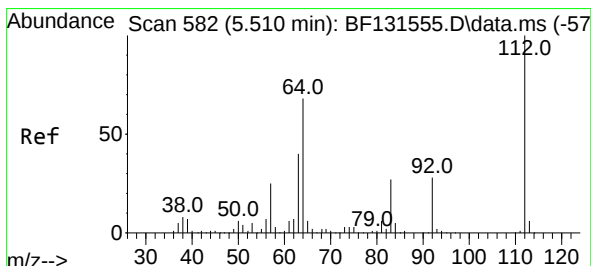
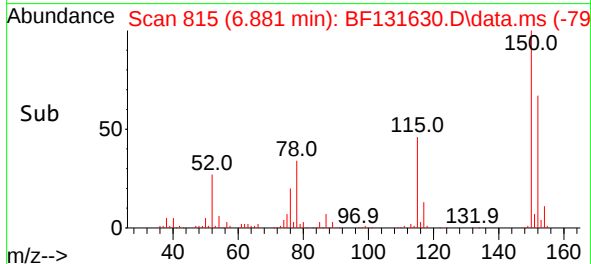
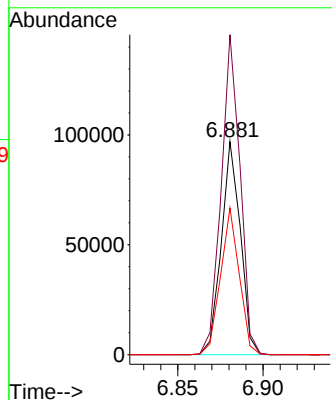
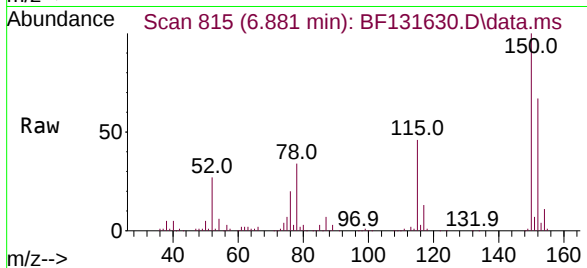




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131630.D
Acq: 14 Dec 2022 14:43

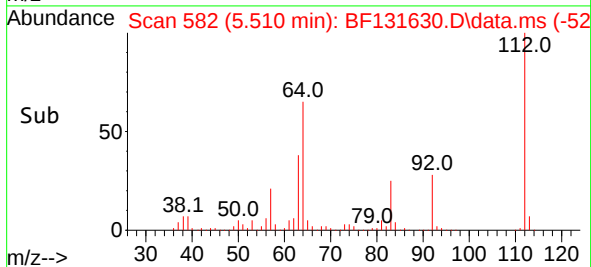
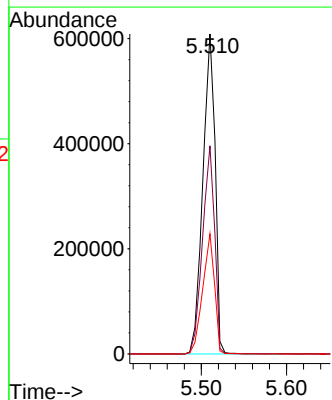
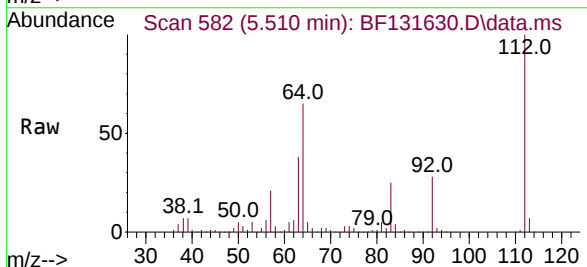
Instrument :
BNA_F
ClientSampleId :
PB149594BL

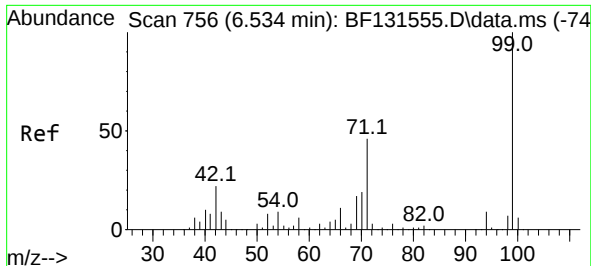
Tgt Ion:152 Resp: 75372
Ion Ratio Lower Upper
152 100
150 150.2 116.7 175.1
115 68.8 54.6 82.0



#5
2-Fluorophenol
Concen: 134.616 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF131630.D
Acq: 14 Dec 2022 14:43

Tgt Ion:112 Resp: 608186
Ion Ratio Lower Upper
112 100
64 65.0 54.5 81.7
63 37.5 31.9 47.9

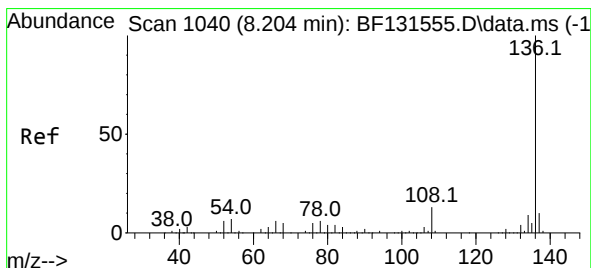
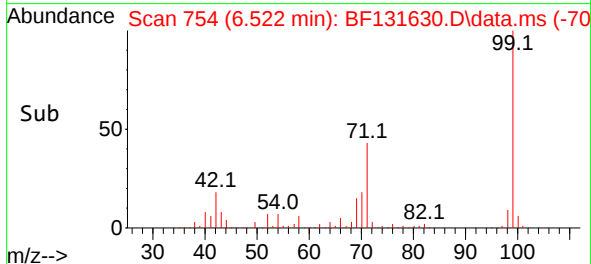
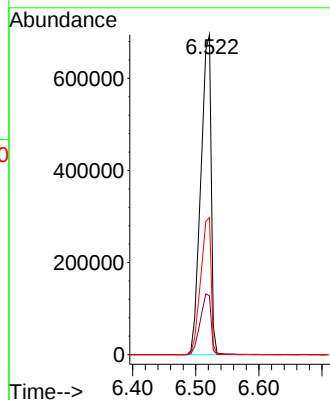
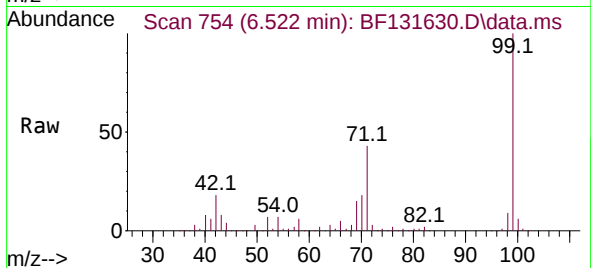




#7
Phenol-d6
Concen: 132.996 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131630.D
Acq: 14 Dec 2022 14:43

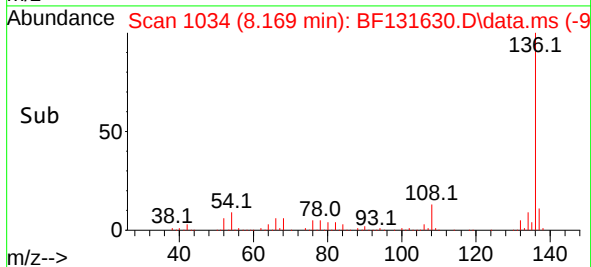
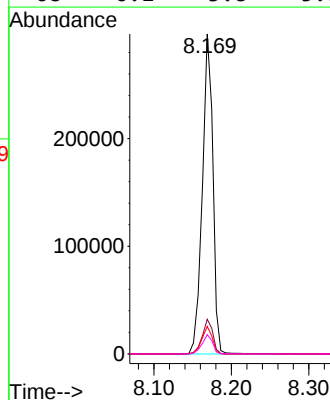
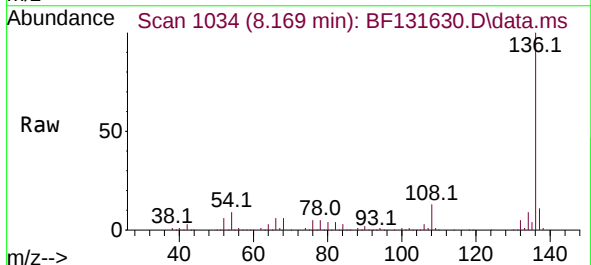
Instrument :
BNA_F
ClientSampleId :
PB149594BL

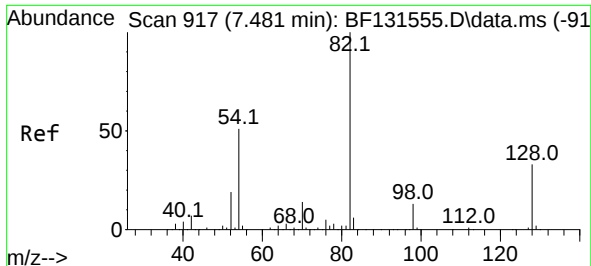
Tgt Ion: 99 Resp: 787394
Ion Ratio Lower Upper
99 100
42 18.4 17.9 26.9
71 42.8 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF131630.D
Acq: 14 Dec 2022 14:43

Tgt Ion: 136 Resp: 280764
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 8.6 6.0 9.0
68 6.1 3.8 5.8#





#23

Nitrobenzene-d5

Concen: 73.228 ng

RT: 7.451 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF131630.D

Acq: 14 Dec 2022 14:43

Instrument :

BNA_F

ClientSampleId :

PB149594BL

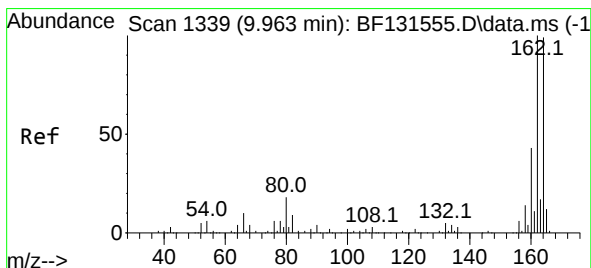
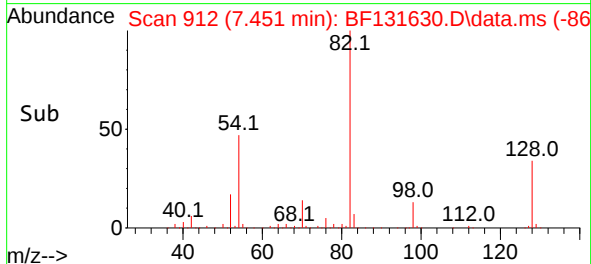
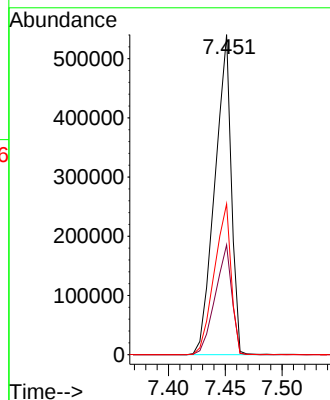
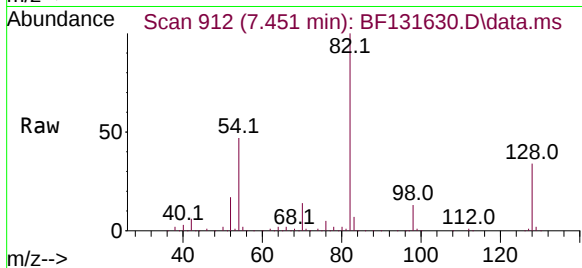
Tgt Ion: 82 Resp: 543812

Ion Ratio Lower Upper

82 100

128 34.3 26.1 39.1

54 47.1 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: BF131630.D

Acq: 14 Dec 2022 14:43

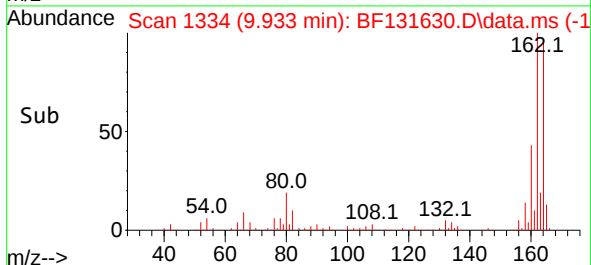
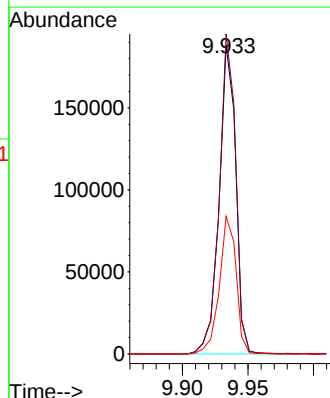
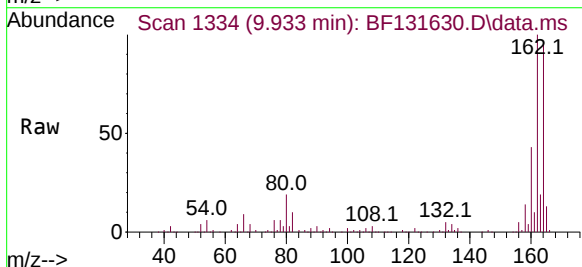
Tgt Ion:164 Resp: 166603

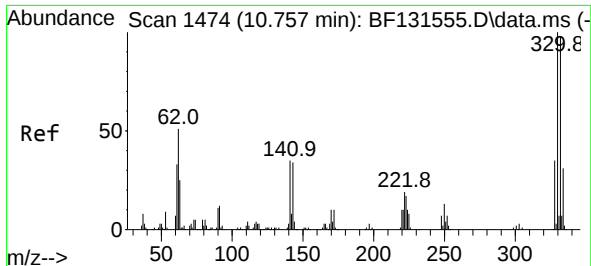
Ion Ratio Lower Upper

164 100

162 103.6 81.0 121.6

160 44.5 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 129.768 ng

RT: 10.733 min Scan# 1474

Delta R.T. 0.000 min

Lab File: BF131630.D

Acq: 14 Dec 2022 14:43

Instrument :

BNA_F

ClientSampleId :

PB149594BL

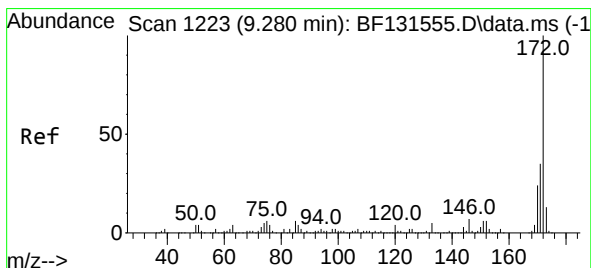
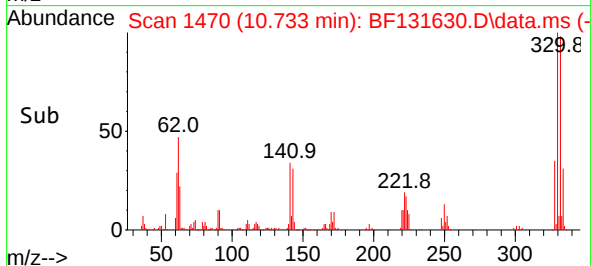
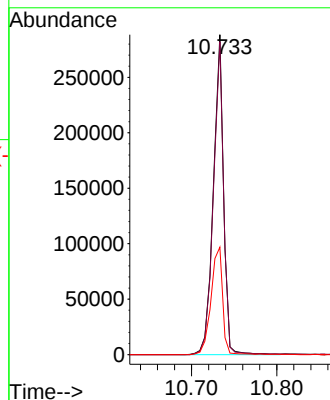
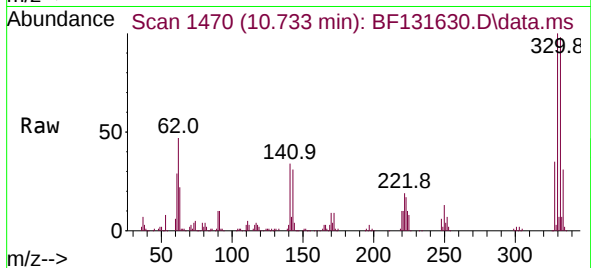
Tgt Ion:330 Resp: 240202

Ion Ratio Lower Upper

330 100

332 98.0 78.3 117.5

141 38.1 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 74.617 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131630.D

Acq: 14 Dec 2022 14:43

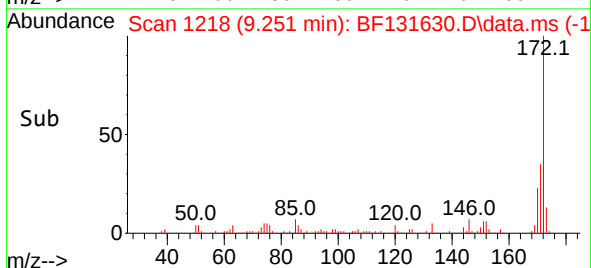
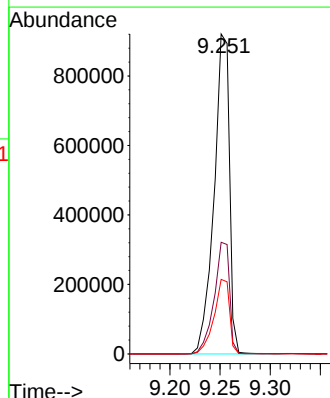
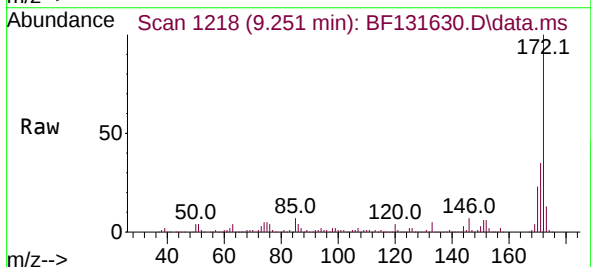
Tgt Ion:172 Resp: 985933

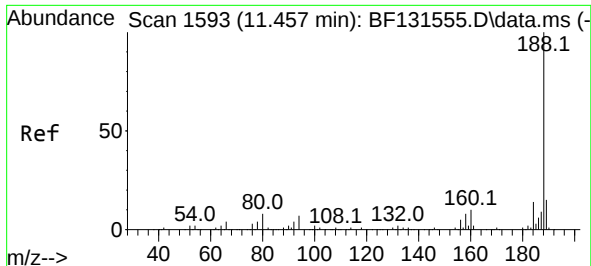
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.3 19.3 28.9

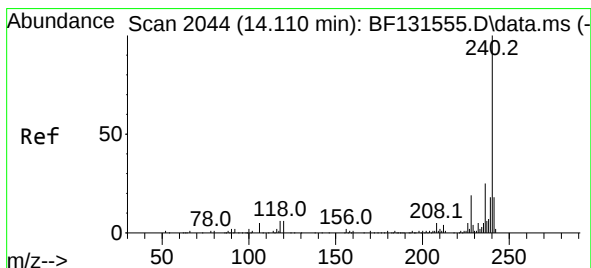
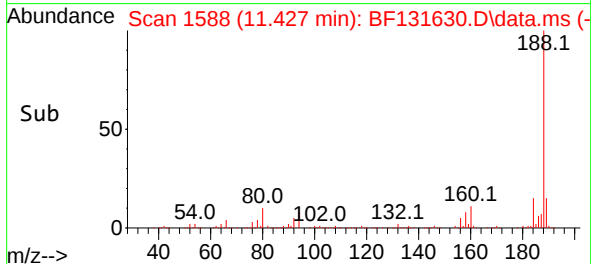
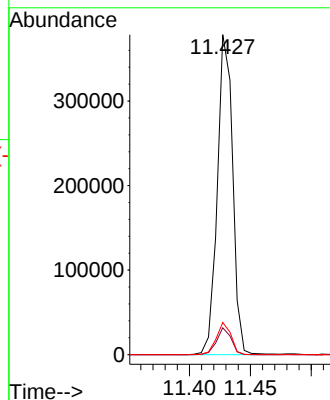
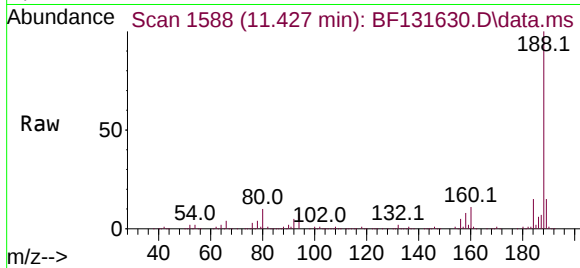




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131630.D
Acq: 14 Dec 2022 14:43

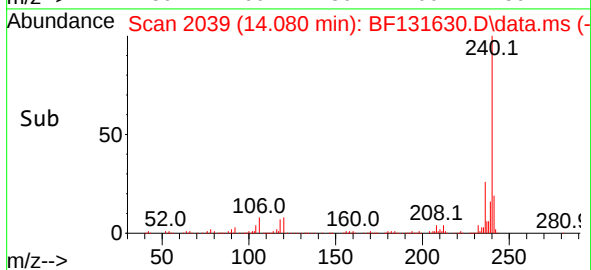
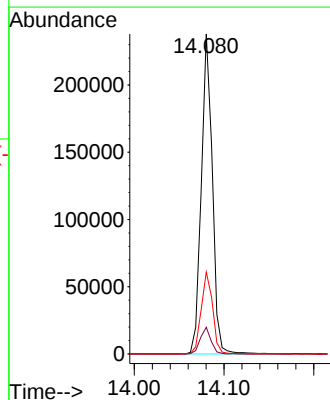
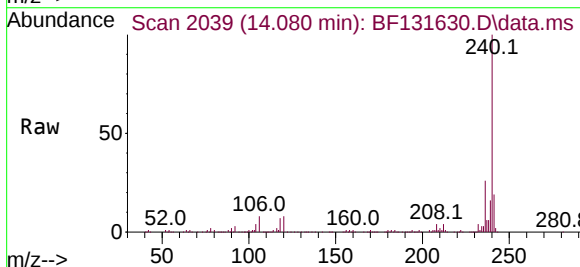
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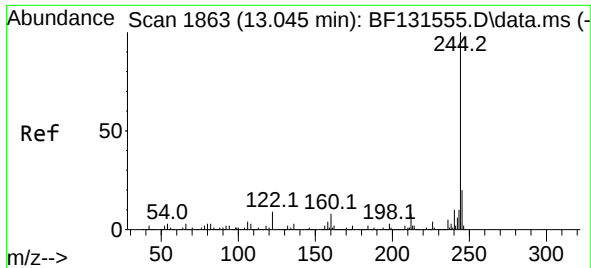
Tgt Ion:188 Resp: 330916
Ion Ratio Lower Upper
188 100
94 8.4 5.5 8.3#
80 10.0 6.6 10.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF131630.D
Acq: 14 Dec 2022 14:43

Tgt Ion:240 Resp: 202834
Ion Ratio Lower Upper
240 100
120 8.3 4.6 7.0#
236 25.6 20.2 30.2

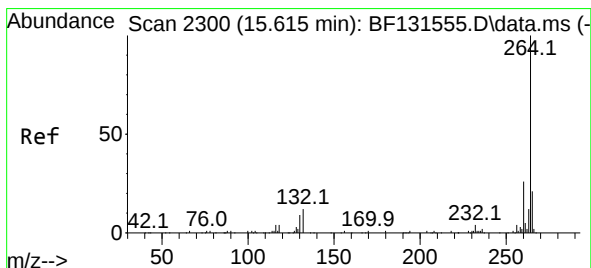
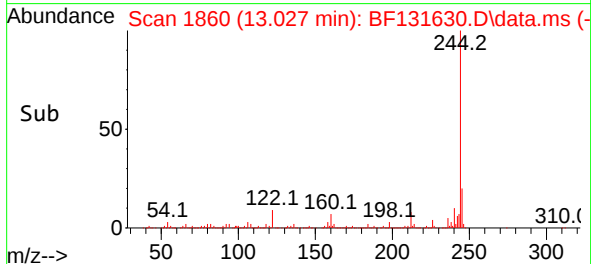
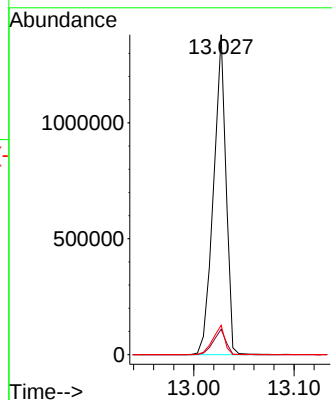
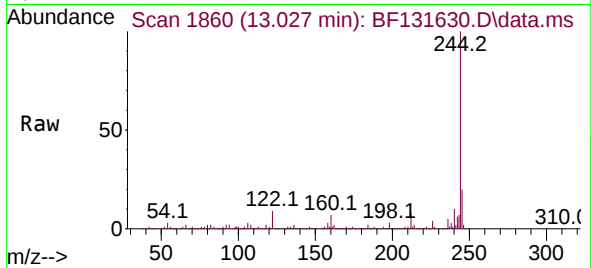




#79
 Terphenyl-d14
 Concen: 80.557 ng
 RT: 13.027 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131630.D
 Acq: 14 Dec 2022 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB149594BL

Tgt Ion:244 Resp: 1191453
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 9.2 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.006 min
 Lab File: BF131630.D
 Acq: 14 Dec 2022 14:43

Tgt Ion:264 Resp: 160674
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.6 30.8
 265 20.9 16.8 25.2

