

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131731.D
 Acq On : 21 Dec 2022 00:51
 Operator : CG\JU
 Sample : N6076-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Dec 21 04:51:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	73638	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	279931	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	162937	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	309552	20.000	ng	0.00
76) Chrysene-d12	14.057	240	148999	20.000	ng	0.00
86) Perylene-d12	15.557	264	159539	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	473451	108.264	ng	0.00
7) Phenol-d6	6.492	99	467481	79.422	ng	-0.01
23) Nitrobenzene-d5	7.434	82	769920	111.656	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	328430	184.159	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1328303	114.199	ng	0.00
79) Terphenyl-d14	13.004	244	1014088	106.073	ng	0.00

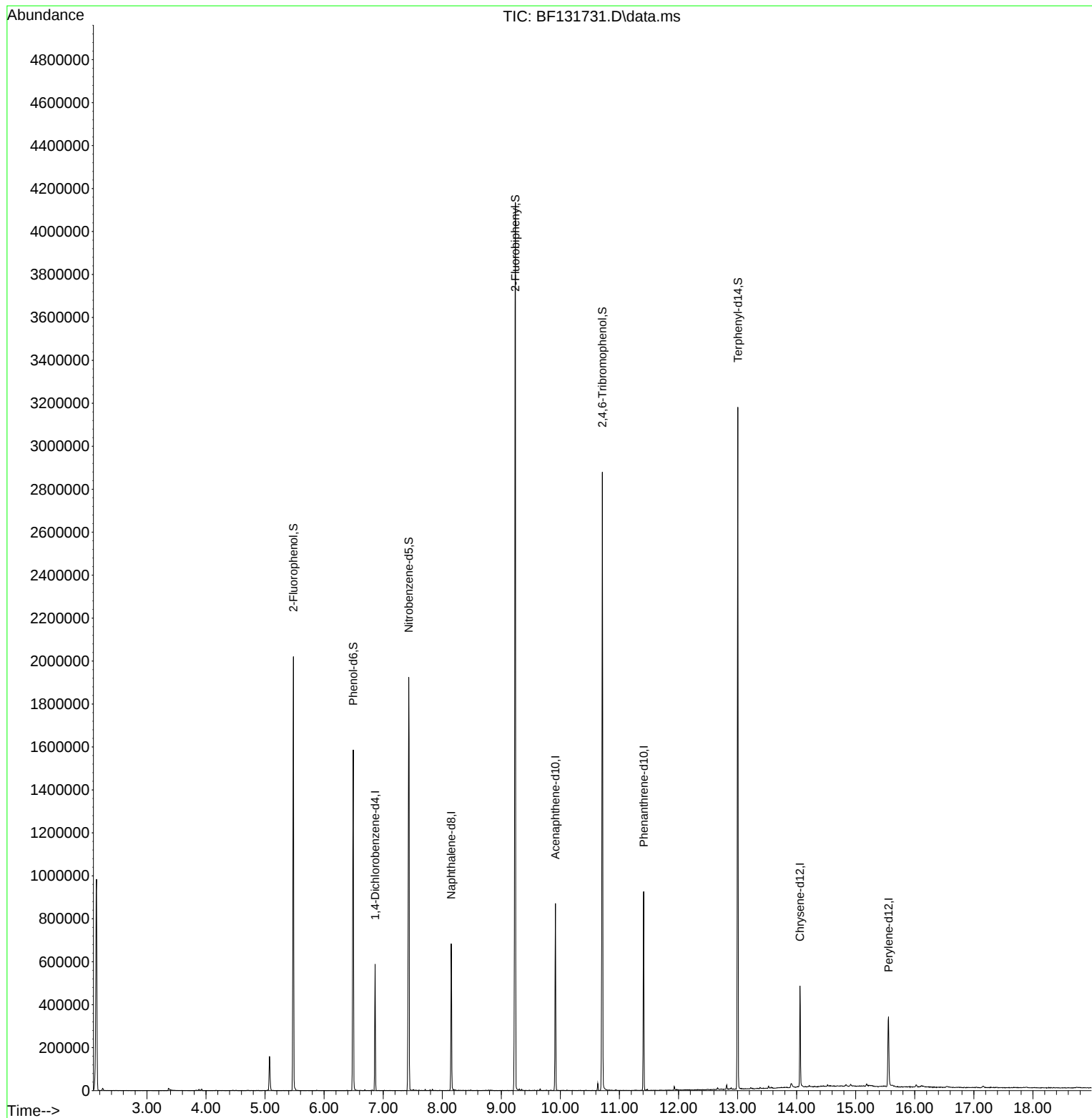
Target Compounds Qvalue

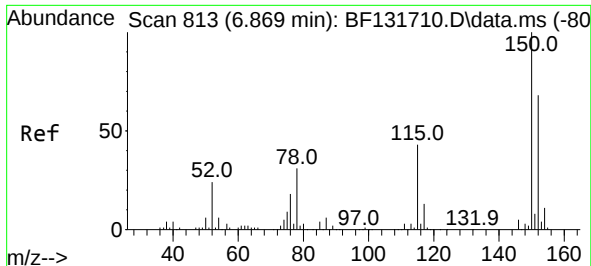
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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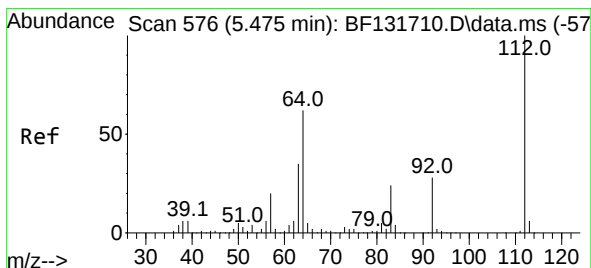
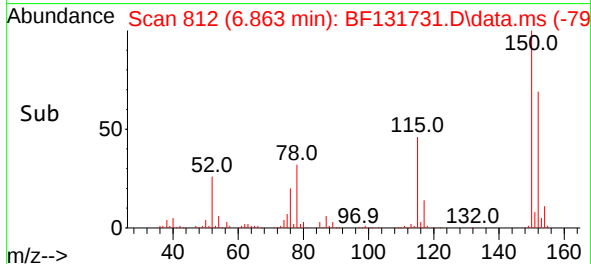
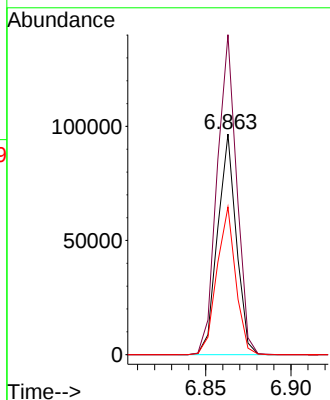
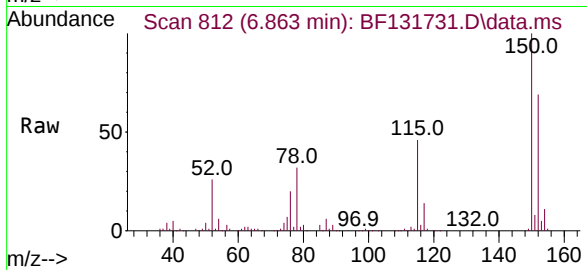




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131731.D
Acq: 21 Dec 2022 00:51

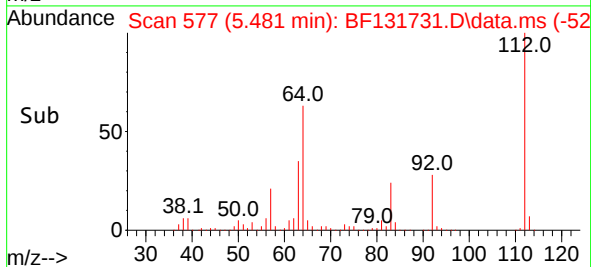
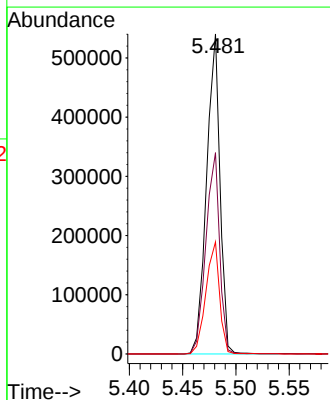
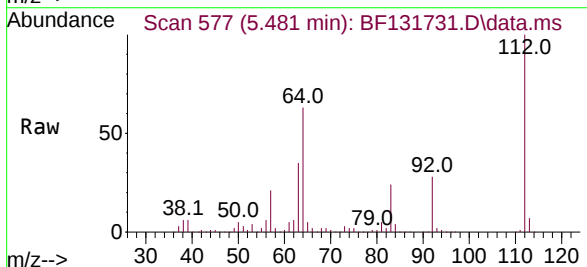
Instrument :
BNA_F
ClientSampleId :
MW-2

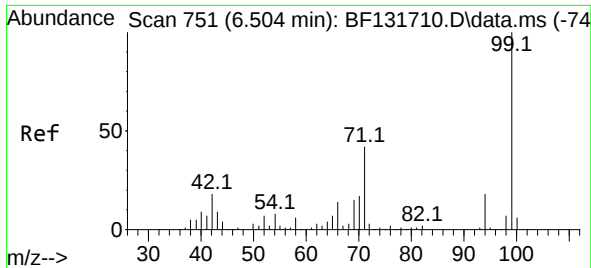
Tgt Ion:152 Resp: 73638
Ion Ratio Lower Upper
152 100
150 145.1 117.4 176.0
115 66.9 50.2 75.4



#5
2-Fluorophenol
Concen: 108.264 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF131731.D
Acq: 21 Dec 2022 00:51

Tgt Ion:112 Resp: 473451
Ion Ratio Lower Upper
112 100
64 62.9 49.5 74.3
63 35.0 28.2 42.2

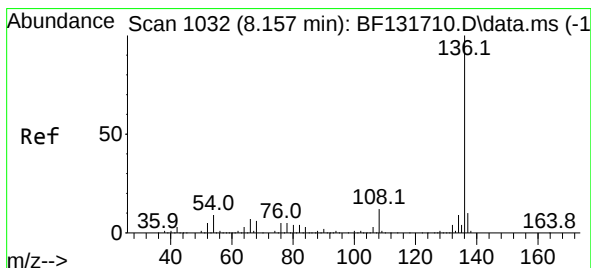
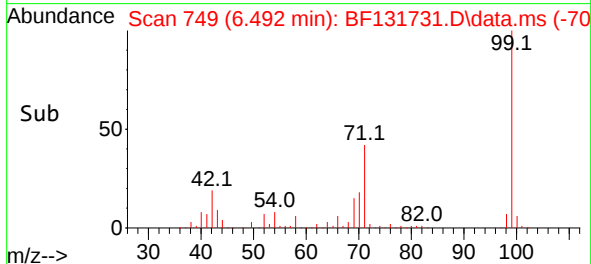
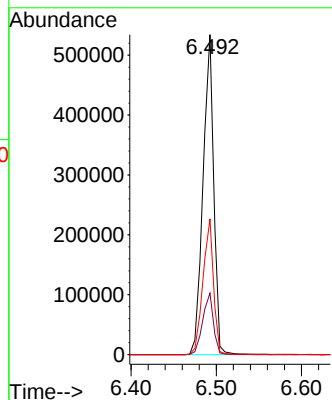
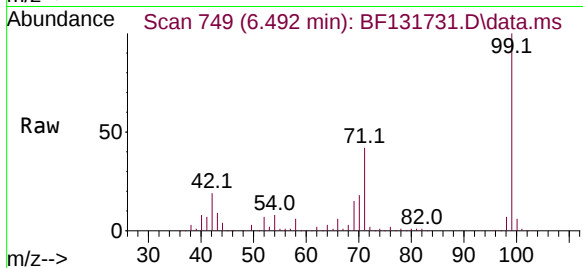




#7
Phenol-d6
Concen: 79.422 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF131731.D
Acq: 21 Dec 2022 00:51

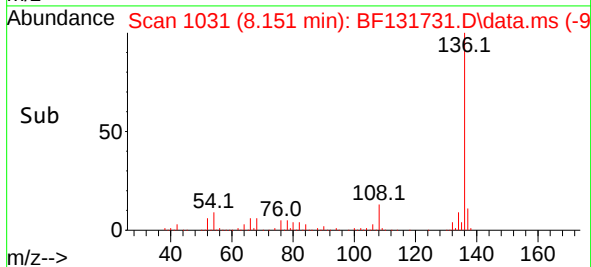
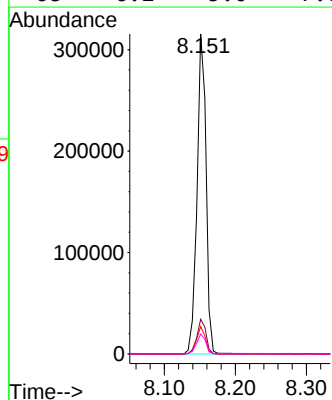
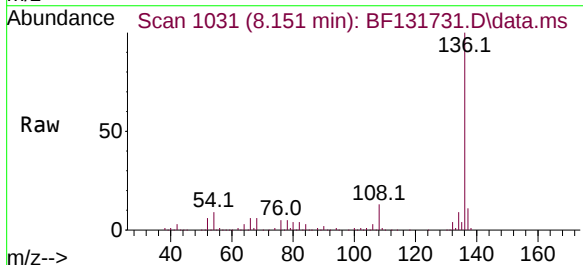
Instrument :
BNA_F
ClientSampleId :
MW-2

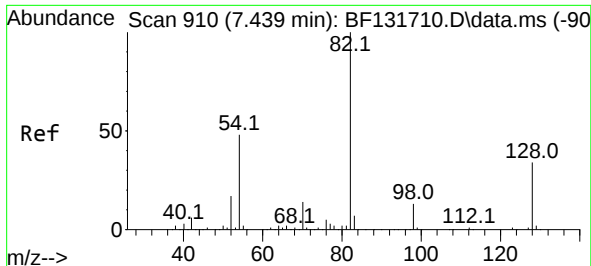
Tgt Ion: 99 Resp: 467481
Ion Ratio Lower Upper
99 100
42 19.2 14.8 22.2
71 42.4 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131731.D
Acq: 21 Dec 2022 00:51

Tgt Ion: 136 Resp: 279931
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.5 7.2 10.8
68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 111.656 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF131731.D

Acq: 21 Dec 2022 00:51

Instrument :

BNA_F

ClientSampleId :

MW-2

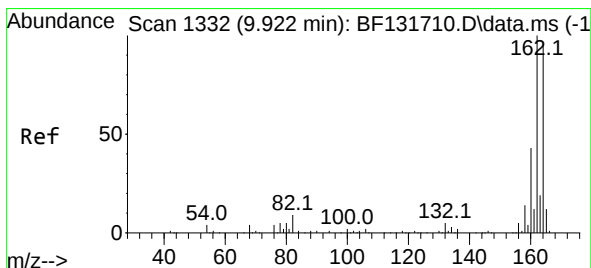
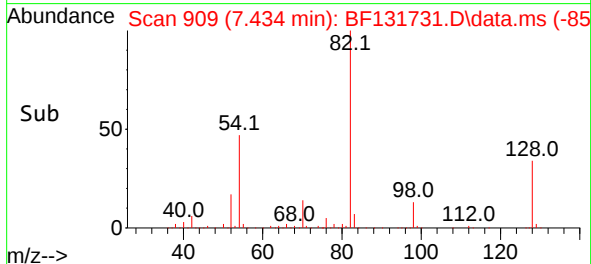
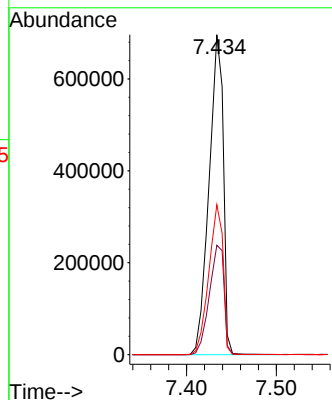
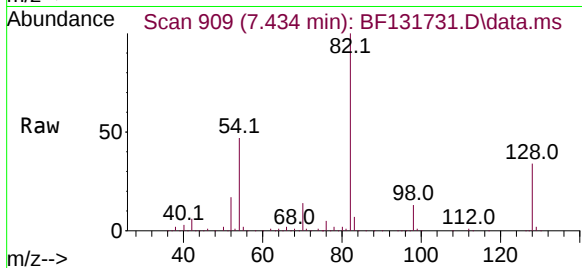
Tgt Ion: 82 Resp: 769920

Ion Ratio Lower Upper

82 100

128 34.2 27.3 40.9

54 46.8 38.2 57.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF131731.D

Acq: 21 Dec 2022 00:51

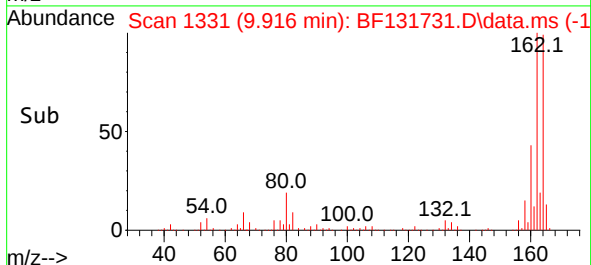
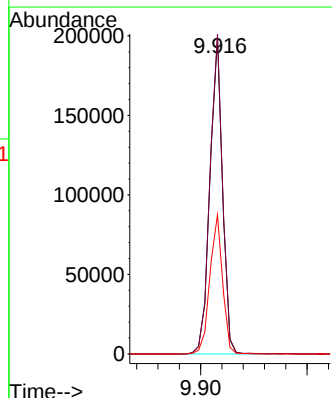
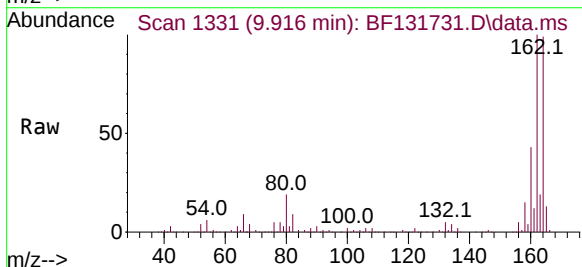
Tgt Ion:164 Resp: 162937

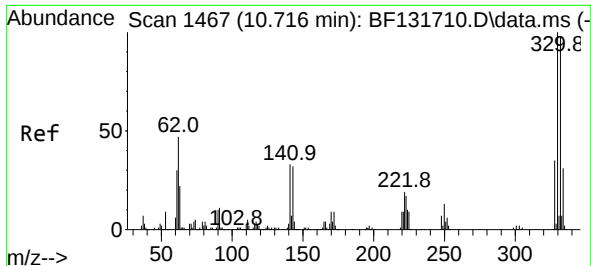
Ion Ratio Lower Upper

164 100

162 101.0 83.7 125.5

160 43.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 184.159 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF131731.D

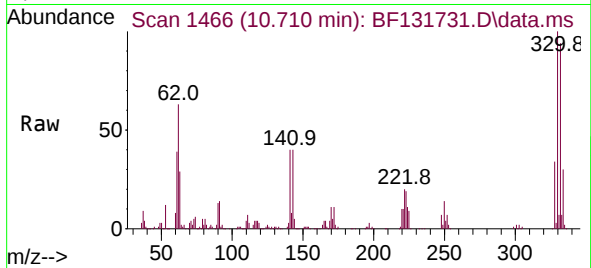
Acq: 21 Dec 2022 00:51

Instrument :

BNA_F

ClientSampleId :

MW-2



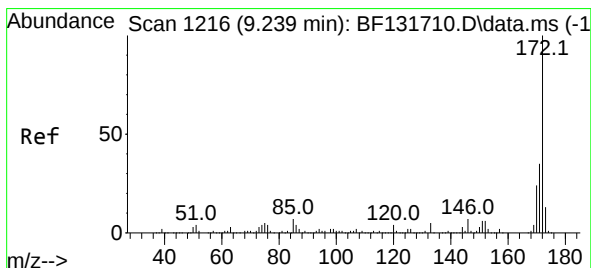
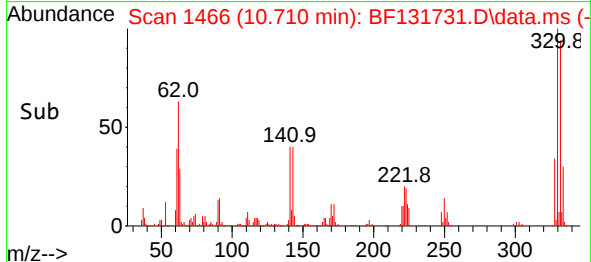
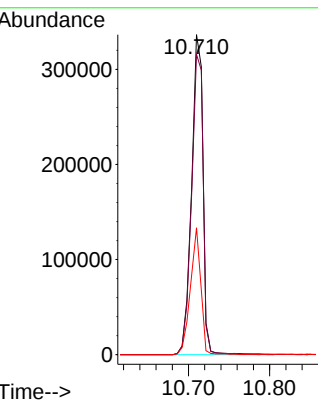
Tgt Ion:330 Resp: 328430

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

141 36.4 30.4 45.6



#45

2-Fluorobiphenyl

Concen: 114.199 ng

RT: 9.239 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF131731.D

Acq: 21 Dec 2022 00:51

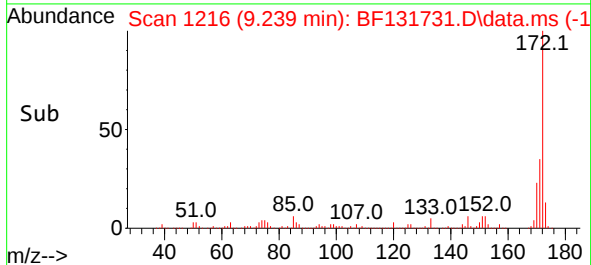
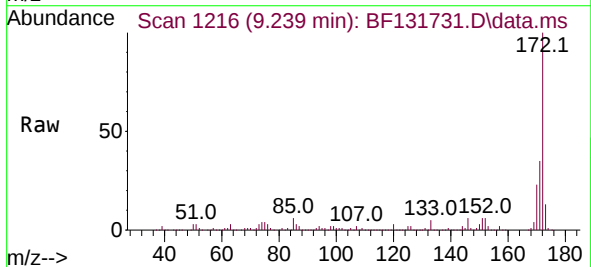
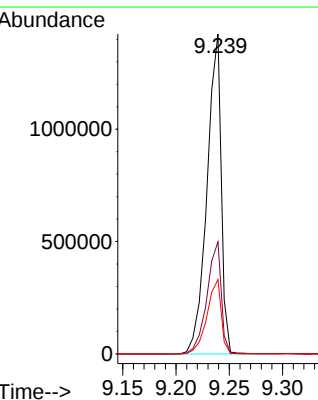
Tgt Ion:172 Resp: 1328303

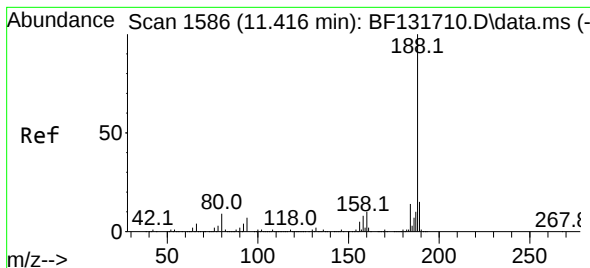
Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 23.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131731.D

Acq: 21 Dec 2022 00:51

Instrument :

BNA_F

ClientSampleId :

MW-2

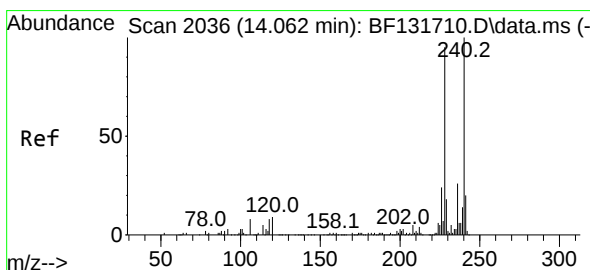
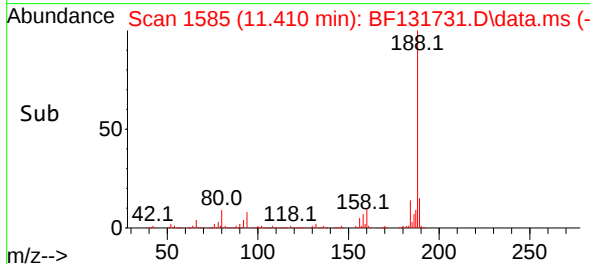
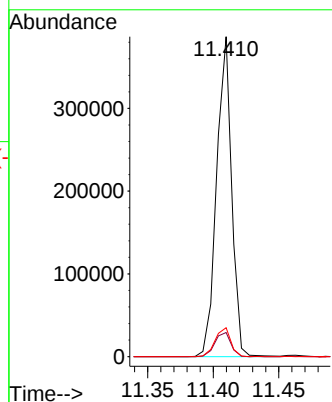
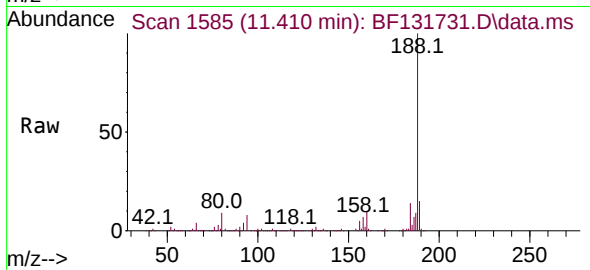
Tgt Ion:188 Resp: 309552

Ion Ratio Lower Upper

188 100

94 7.5 5.9 8.9

80 9.0 7.0 10.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF131731.D

Acq: 21 Dec 2022 00:51

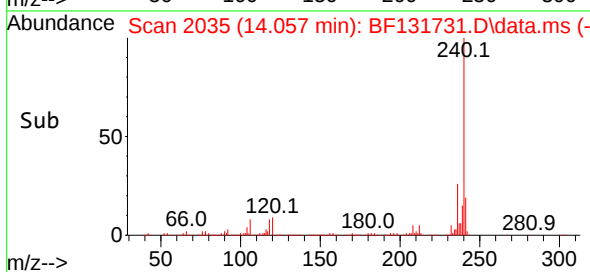
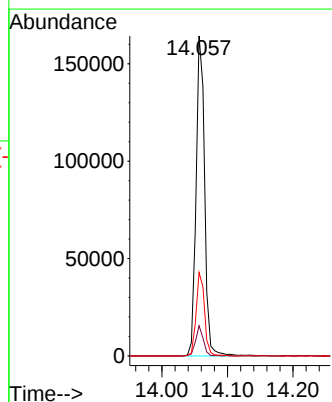
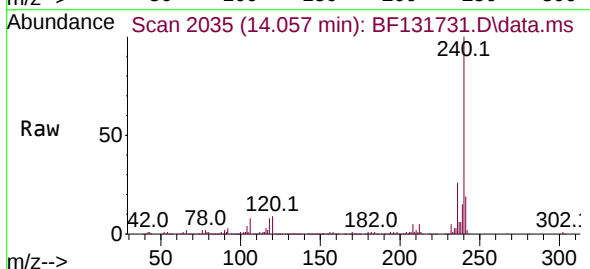
Tgt Ion:240 Resp: 148999

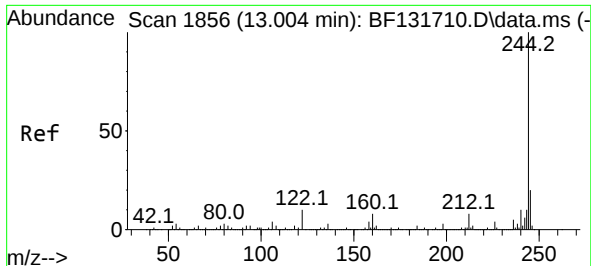
Ion Ratio Lower Upper

240 100

120 9.4 7.6 11.4

236 26.1 21.2 31.8

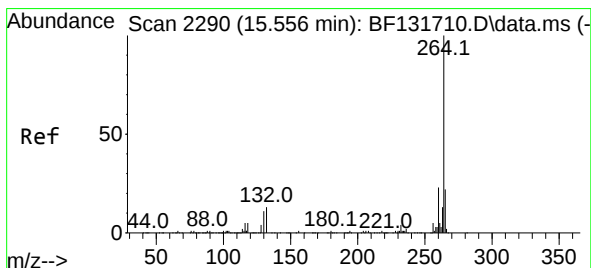
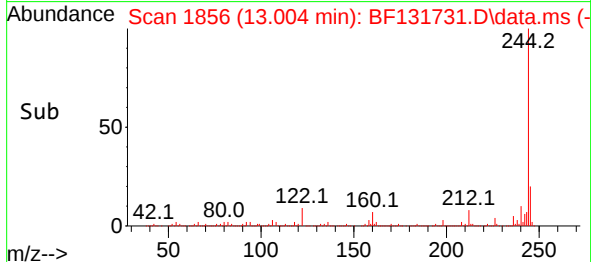
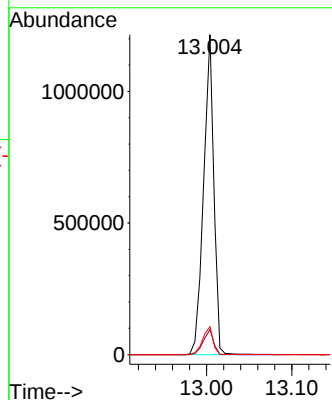
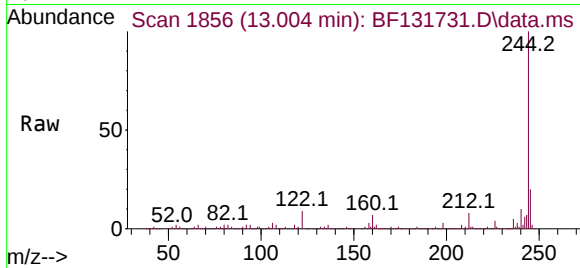




#79
 Terphenyl-d14
 Concen: 106.073 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: BF131731.D
 Acq: 21 Dec 2022 00:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:244 Resp: 1014088
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 8.7 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. 0.000 min
 Lab File: BF131731.D
 Acq: 21 Dec 2022 00:51

Tgt Ion:264 Resp: 159539
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 28.0
 265 21.2 17.4 26.2

