

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131718.D
 Acq On : 20 Dec 2022 17:53
 Operator : CG\JU
 Sample : PB149677TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149677TB

Quant Time: Dec 21 04:46:14 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	91077	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	358053	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	232342	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	485683	20.000	ng	0.00
76) Chrysene-d12	14.063	240	406854	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	308747	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	842634	155.791	ng	0.02
7) Phenol-d6	6.498	99	1107583	152.140	ng	0.00
23) Nitrobenzene-d5	7.434	82	779452	88.375	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	396373	155.864	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1452116	87.550	ng	0.00
79) Terphenyl-d14	13.010	244	2168517	83.069	ng	0.00

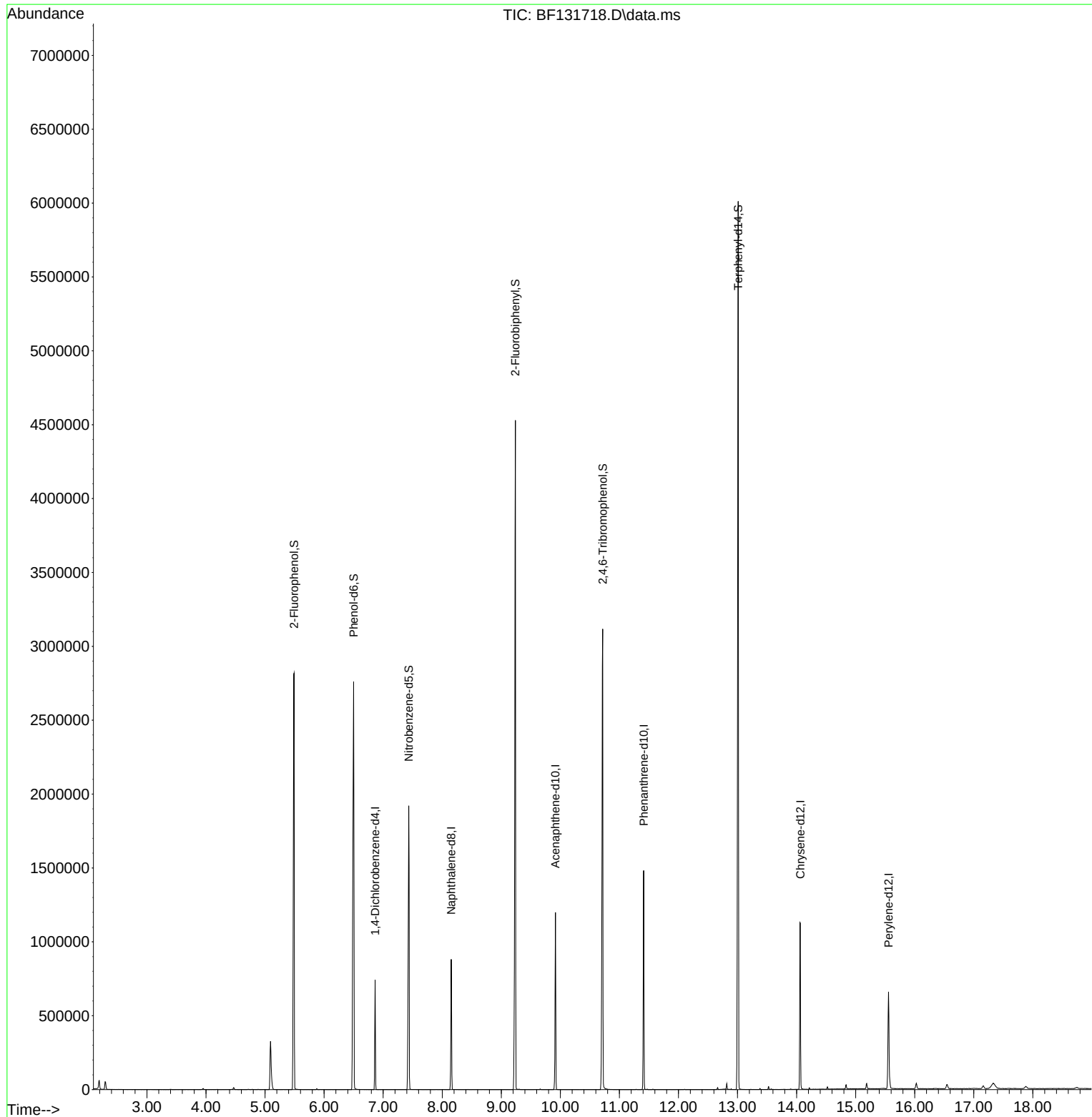
Target Compounds Qvalue

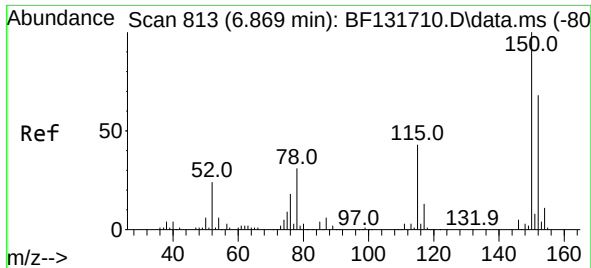
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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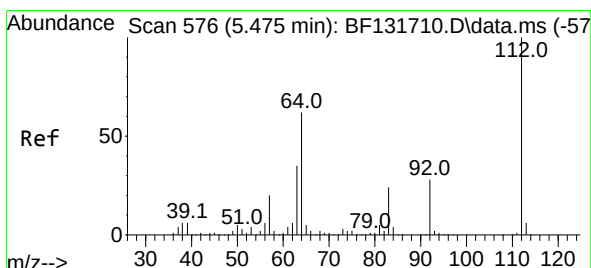
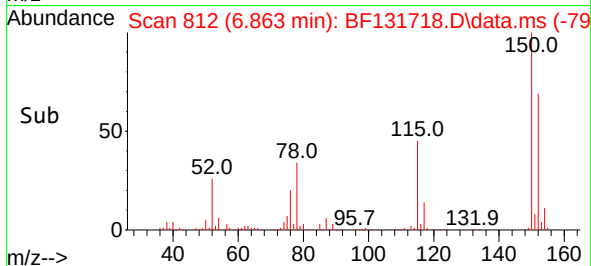
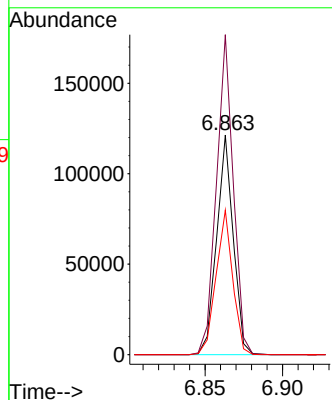
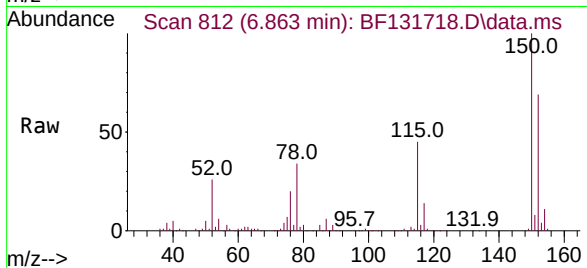




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131718.D
Acq: 20 Dec 2022 17:53

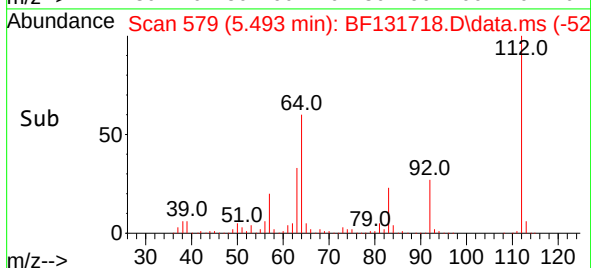
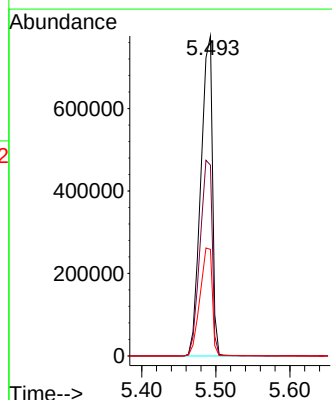
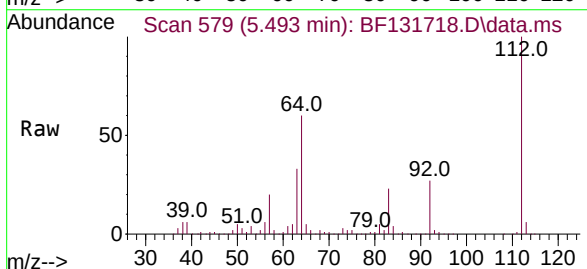
Instrument :
BNA_F
ClientSampleId :
PB149677TB

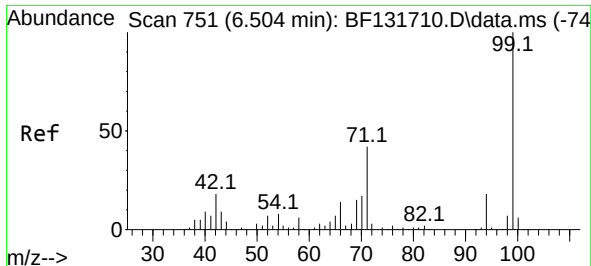
Tgt Ion:152 Resp: 91077
Ion Ratio Lower Upper
152 100
150 145.7 117.4 176.0
115 65.7 50.2 75.4



#5
2-Fluorophenol
Concen: 155.791 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF131718.D
Acq: 20 Dec 2022 17:53

Tgt Ion:112 Resp: 842634
Ion Ratio Lower Upper
112 100
64 59.6 49.5 74.3
63 33.3 28.2 42.2

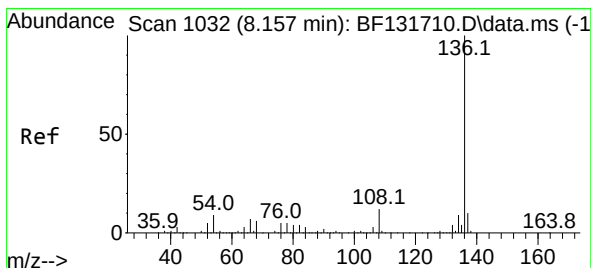
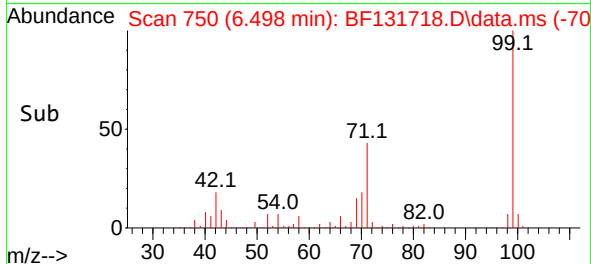
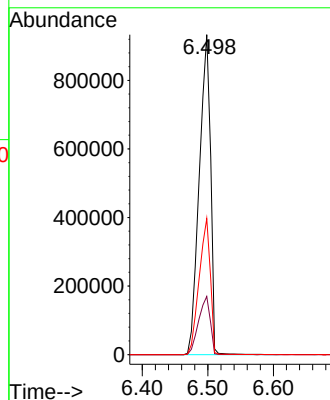
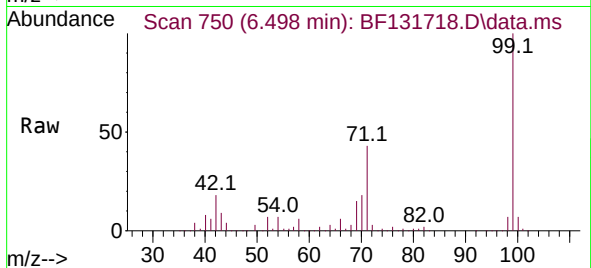




#7
Phenol-d6
Concen: 152.140 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131718.D
Acq: 20 Dec 2022 17:53

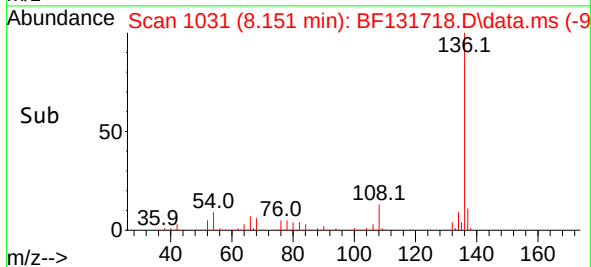
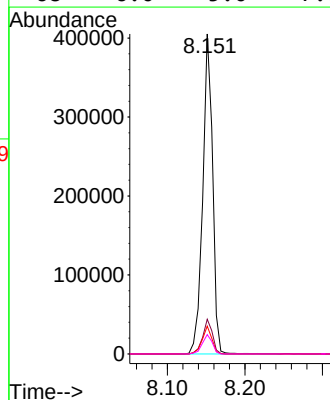
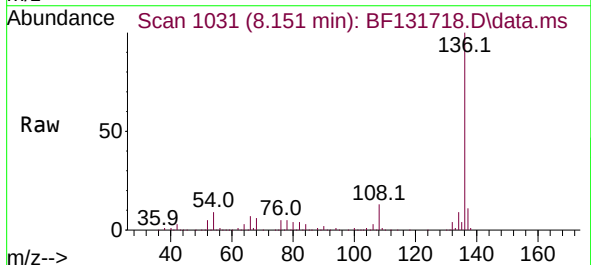
Instrument :
BNA_F
ClientSampleId :
PB149677TB

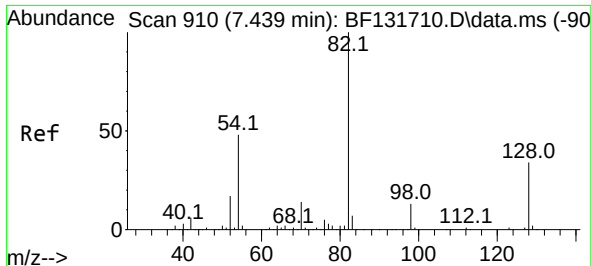
Tgt Ion: 99 Resp: 1107583
Ion Ratio Lower Upper
99 100
42 18.2 14.8 22.2
71 42.6 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131718.D
Acq: 20 Dec 2022 17:53

Tgt Ion: 136 Resp: 358053
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.7 7.2 10.8
68 6.0 5.0 7.6





#23

Nitrobenzene-d5

Concen: 88.375 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF131718.D

Acq: 20 Dec 2022 17:53

Instrument :

BNA_F

ClientSampleId :

PB149677TB

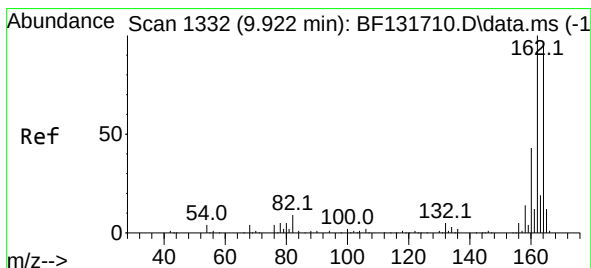
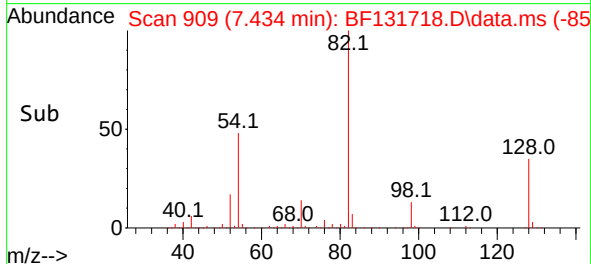
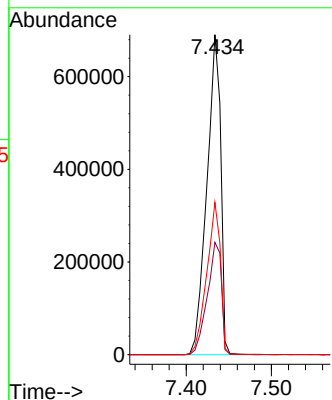
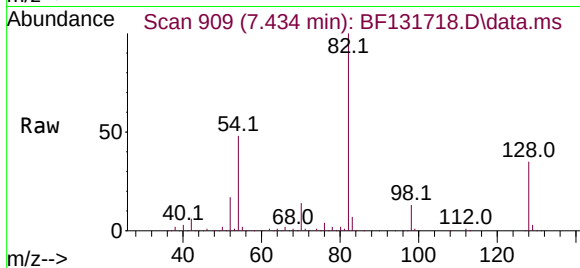
Tgt Ion: 82 Resp: 779452

Ion Ratio Lower Upper

82 100

128 35.1 27.3 40.9

54 47.6 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: BF131718.D

Acq: 20 Dec 2022 17:53

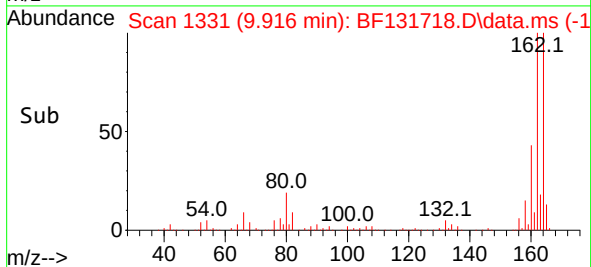
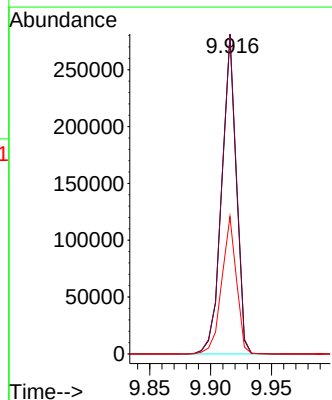
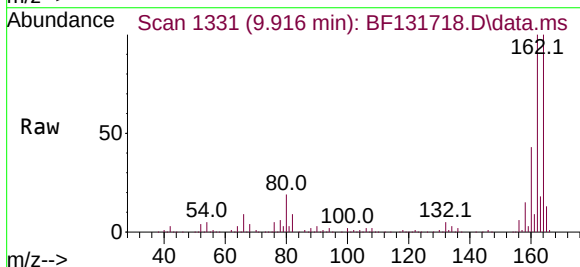
Tgt Ion:164 Resp: 232342

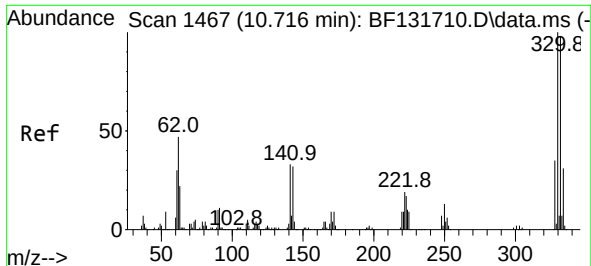
Ion Ratio Lower Upper

164 100

162 100.3 83.7 125.5

160 43.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 155.864 ng

RT: 10.716 min Scan# 1467

Delta R.T. 0.000 min

Lab File: BF131718.D

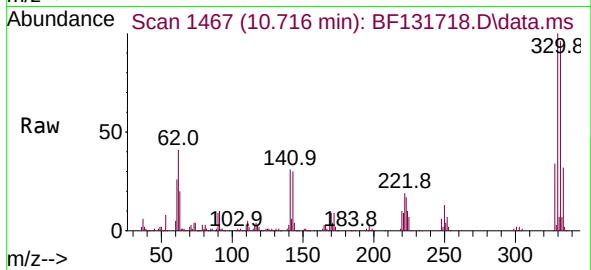
Acq: 20 Dec 2022 17:53

Instrument :

BNA_F

ClientSampleId :

PB149677TB



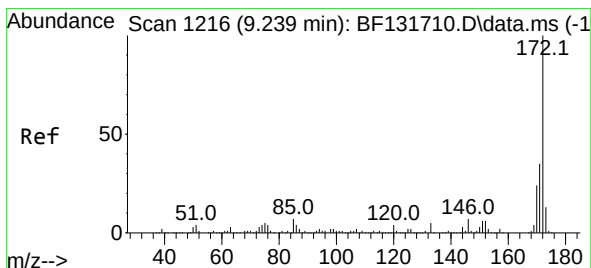
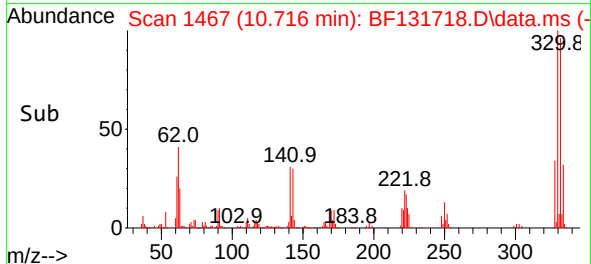
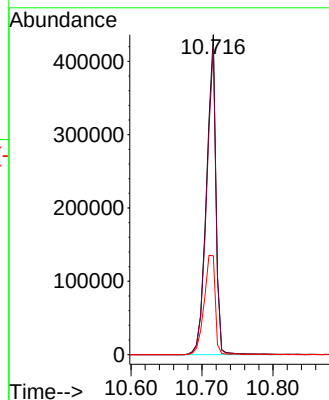
Tgt Ion:330 Resp: 396373

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

141 36.7 30.4 45.6



#45

2-Fluorobiphenyl

Concen: 87.550 ng

RT: 9.239 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF131718.D

Acq: 20 Dec 2022 17:53

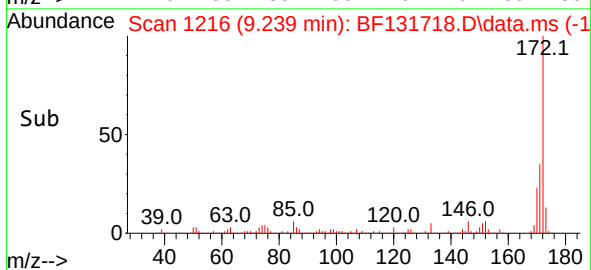
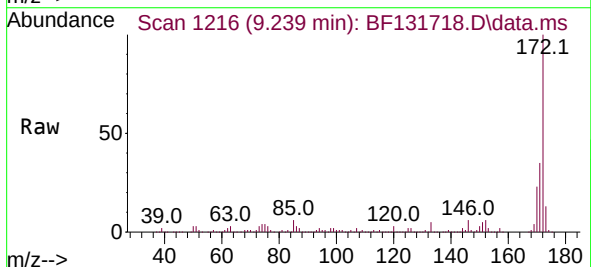
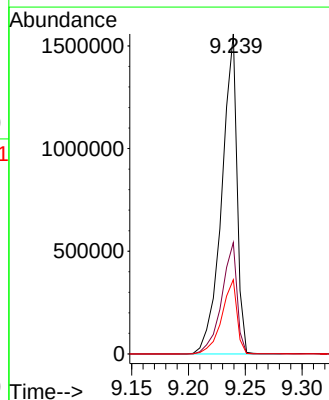
Tgt Ion:172 Resp: 1452116

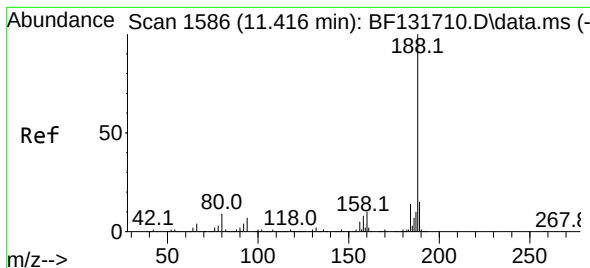
Ion Ratio Lower Upper

172 100

171 34.8 27.9 41.9

170 23.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF131718.D

Acq: 20 Dec 2022 17:53

Instrument :

BNA_F

ClientSampleId :

PB149677TB

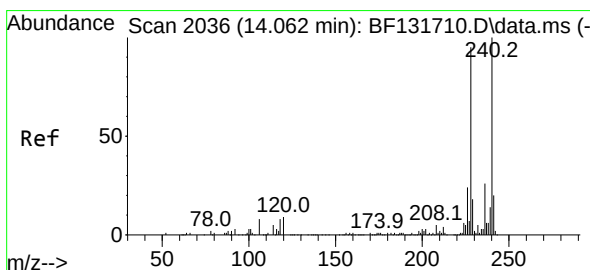
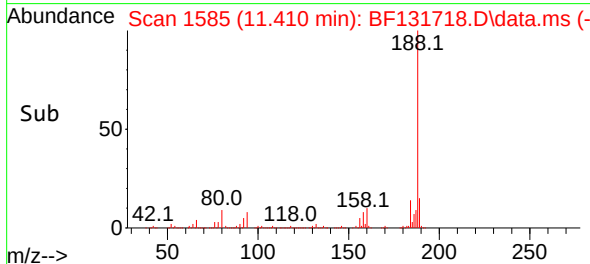
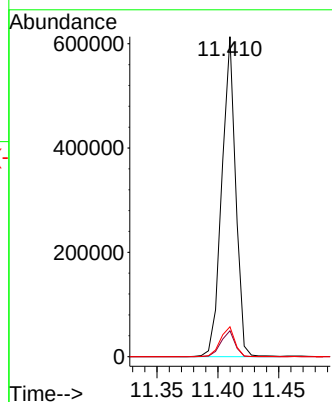
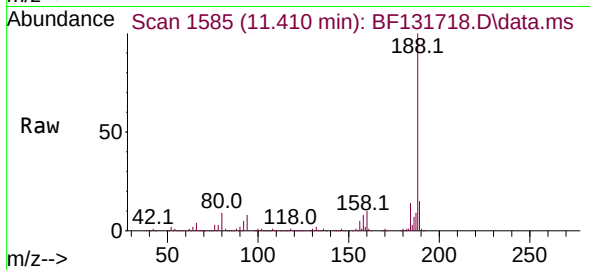
Tgt Ion:188 Resp: 485683

Ion Ratio Lower Upper

188 100

94 8.1 5.9 8.9

80 9.3 7.0 10.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF131718.D

Acq: 20 Dec 2022 17:53

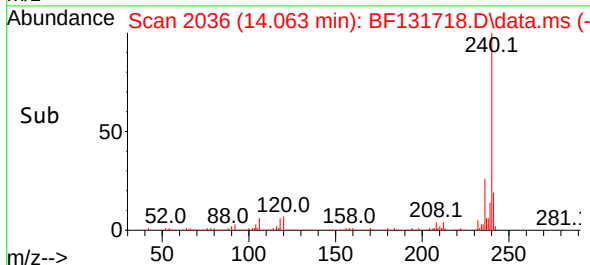
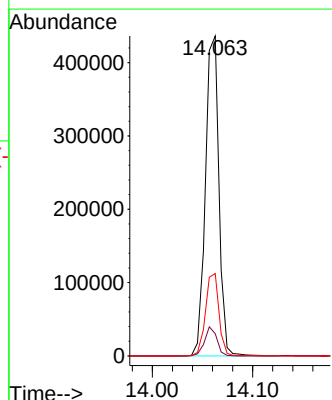
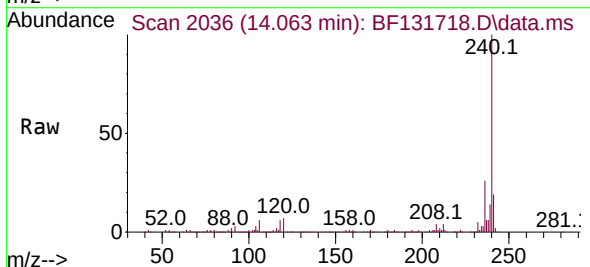
Tgt Ion:240 Resp: 406854

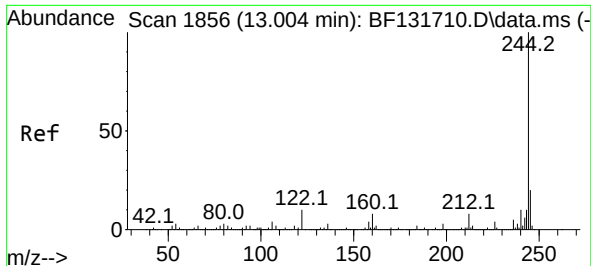
Ion Ratio Lower Upper

240 100

120 6.9 7.6 11.4#

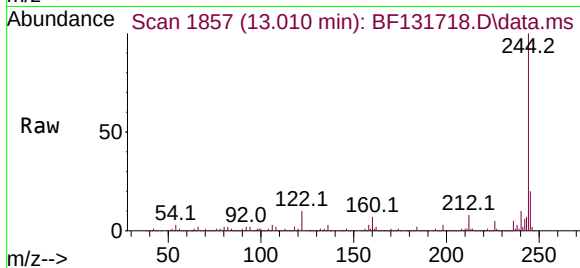
236 25.7 21.2 31.8



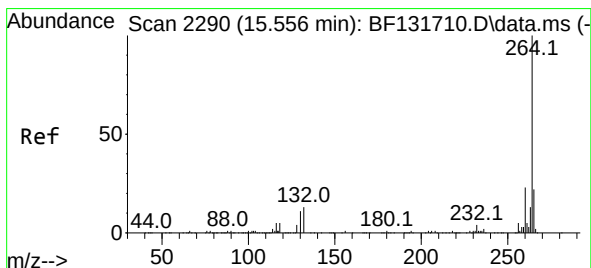
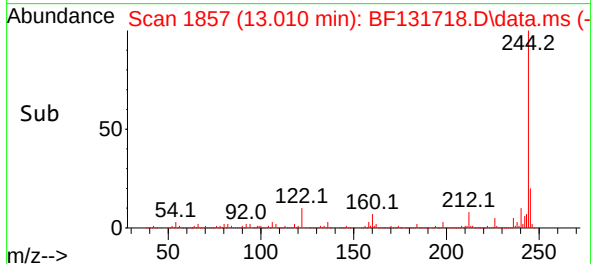
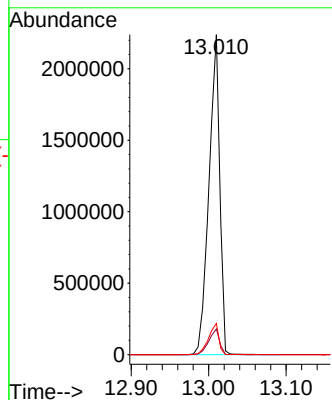


#79
 Terphenyl-d14
 Concen: 83.069 ng
 RT: 13.010 min Scan# 1856
 Delta R.T. 0.006 min
 Lab File: BF131718.D
 Acq: 20 Dec 2022 17:53

Instrument :
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Tgt Ion:244 Resp: 2168517
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 9.8 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: BF131718.D
 Acq: 20 Dec 2022 17:53

Tgt Ion:264 Resp: 308747
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.6 28.0
 265 21.8 17.4 26.2

