

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
 Data File : BF131064.D
 Acq On : 08 Nov 2022 13:38
 Operator : CG\JU
 Sample : N5415-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-23

Quant Time: Nov 08 15:28:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 01:40:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	78364	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	282249	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	102130	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	229650	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	120566	20.000	ng	0.00
86) Perylene-d12	15.586	264	157428	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	404121	83.156	ng	0.00
7) Phenol-d6	6.522	99	369913	62.362	ng	0.00
23) Nitrobenzene-d5	7.463	82	324716	53.327	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	118964	105.800	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	424285	56.617	ng	0.00
79) Terphenyl-d14	13.027	244	362172	48.161	ng	0.00

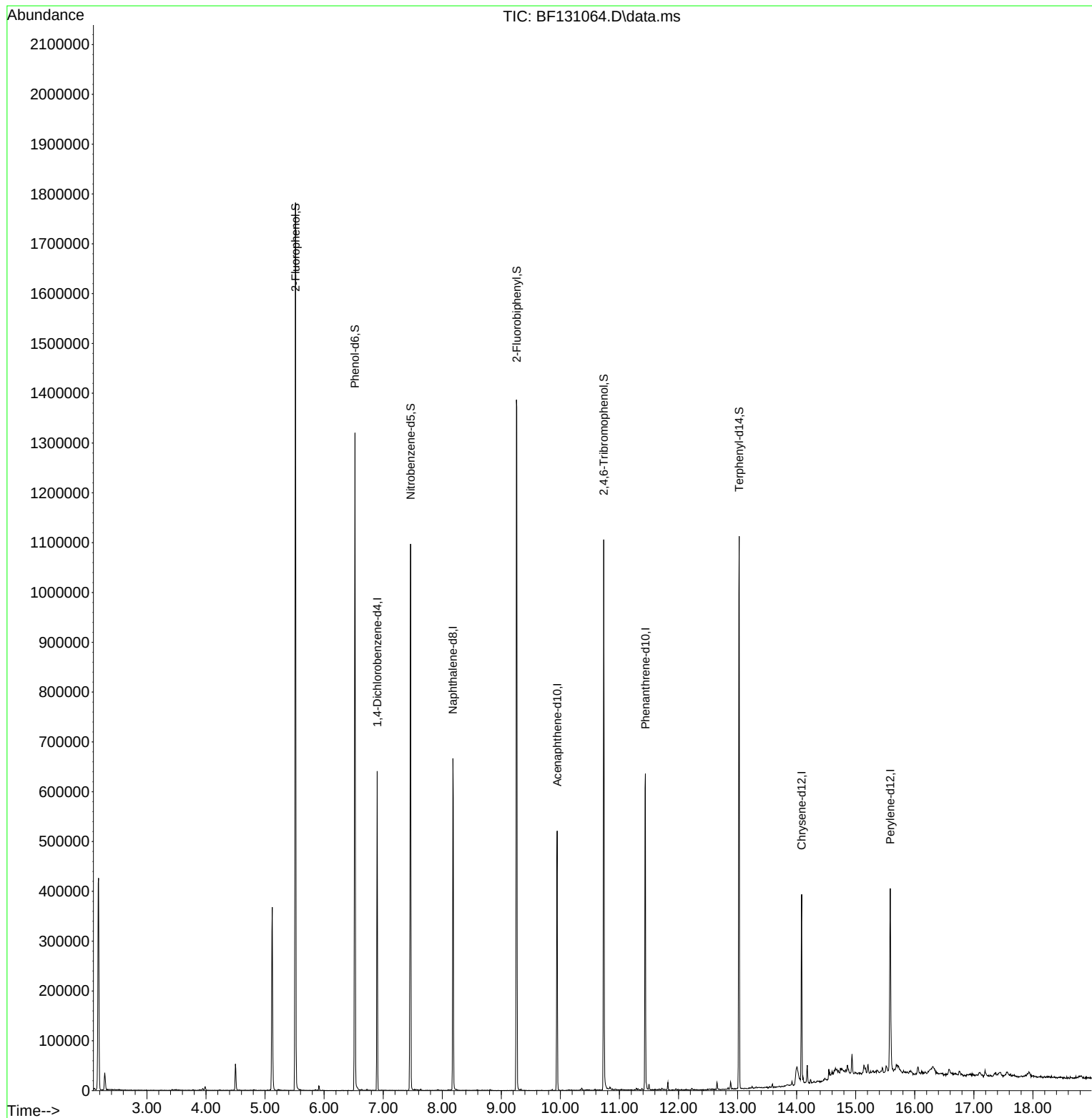
Target Compounds Qvalue

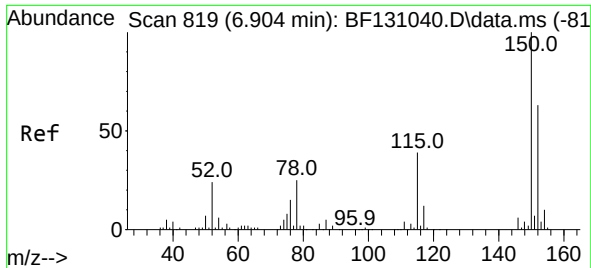
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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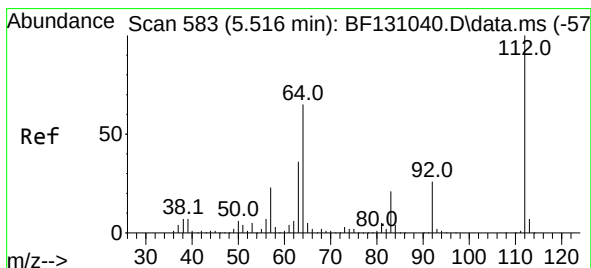
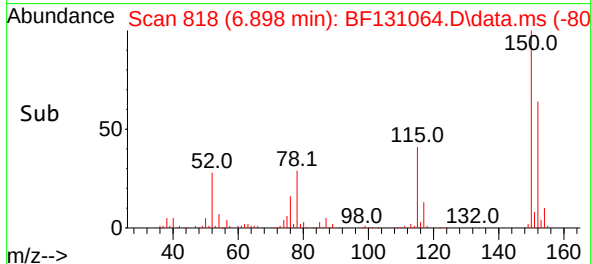
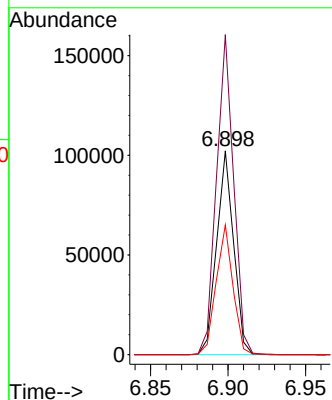
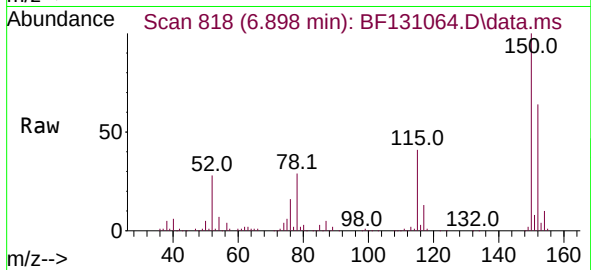




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF131064.D
Acq: 08 Nov 2022 13:38

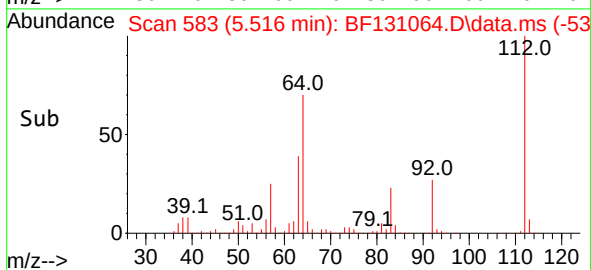
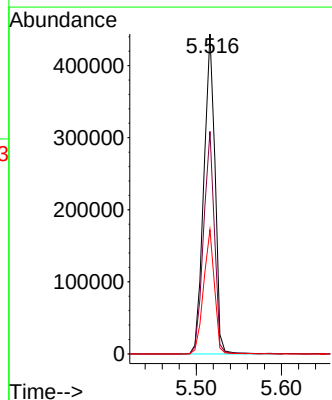
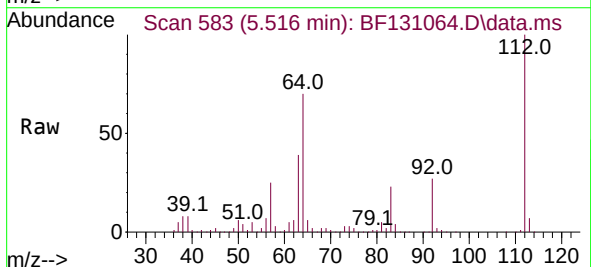
Instrument :
BNA_F
ClientSampleId :
R-23

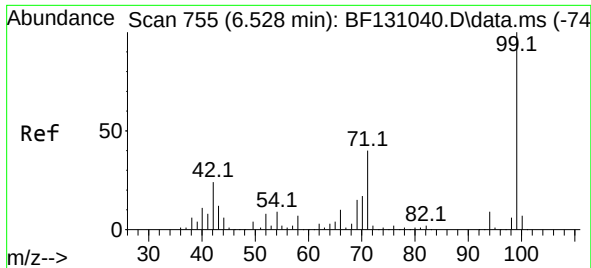
Tgt Ion:152 Resp: 78364
Ion Ratio Lower Upper
152 100
150 157.0 126.6 189.8
115 63.6 49.1 73.7



#5
2-Fluorophenol
Concen: 83.156 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.000 min
Lab File: BF131064.D
Acq: 08 Nov 2022 13:38

Tgt Ion:112 Resp: 404121
Ion Ratio Lower Upper
112 100
64 69.5 52.2 78.4
63 38.8 29.0 43.4





#7

Phenol-d6

Concen: 62.362 ng

RT: 6.522 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF131064.D

Acq: 08 Nov 2022 13:38

Instrument :

BNA_F

ClientSampleId :

R-23

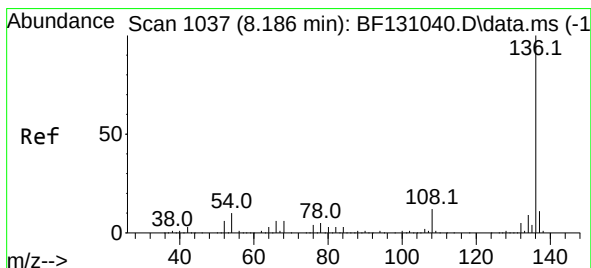
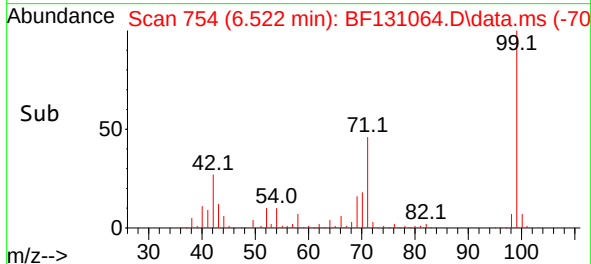
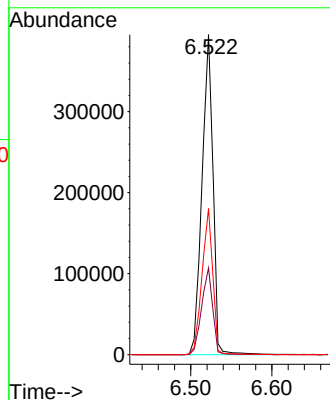
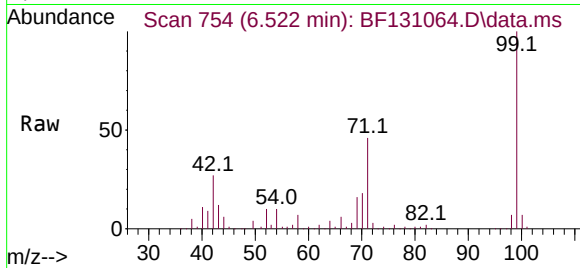
Tgt Ion: 99 Resp: 369913

Ion Ratio Lower Upper

99 100

42 27.1 19.4 29.0

71 45.6 31.8 47.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1036

Delta R.T. -0.006 min

Lab File: BF131064.D

Acq: 08 Nov 2022 13:38

Tgt Ion: 136 Resp: 282249

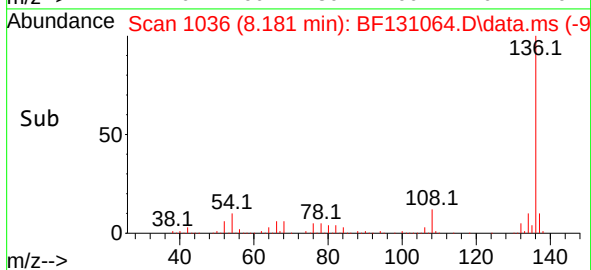
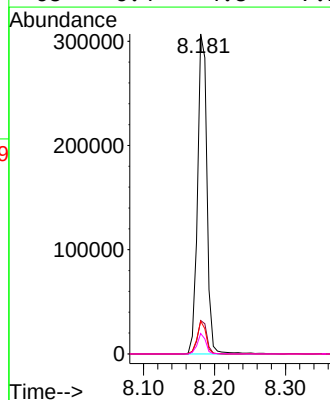
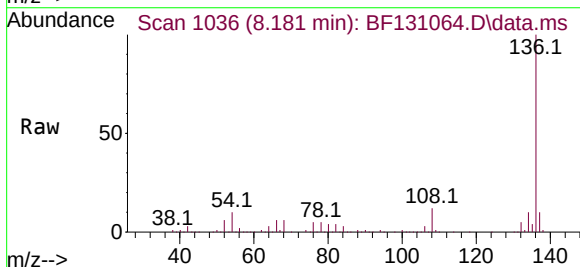
Ion Ratio Lower Upper

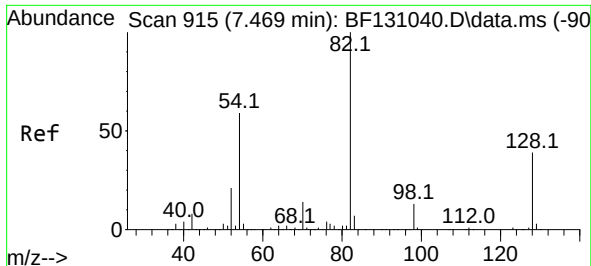
136 100

137 10.4 8.8 13.2

54 10.2 8.2 12.2

68 6.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 53.327 ng

RT: 7.463 min Scan# 915

Delta R.T. -0.006 min

Lab File: BF131064.D

Acq: 08 Nov 2022 13:38

Instrument :

BNA_F

ClientSampleId :

R-23

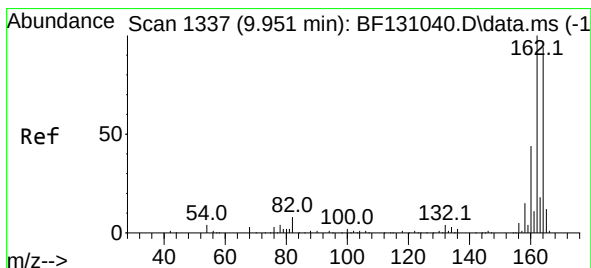
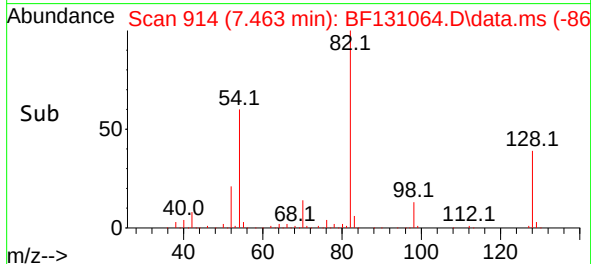
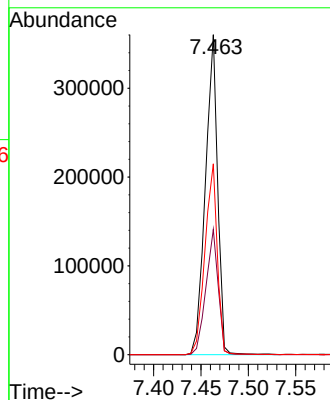
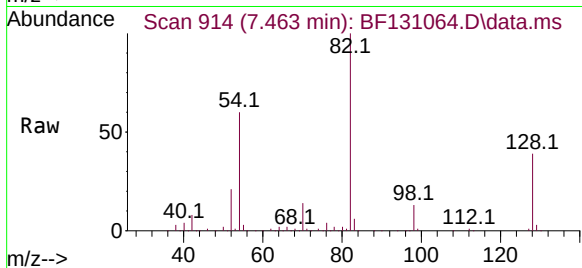
Tgt Ion: 82 Resp: 324716

Ion Ratio Lower Upper

82 100

128 39.1 31.3 46.9

54 59.6 47.2 70.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BF131064.D

Acq: 08 Nov 2022 13:38

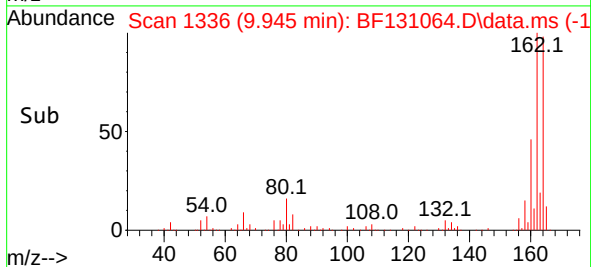
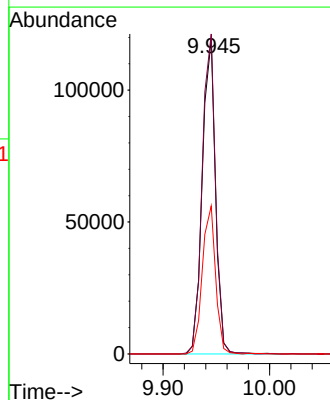
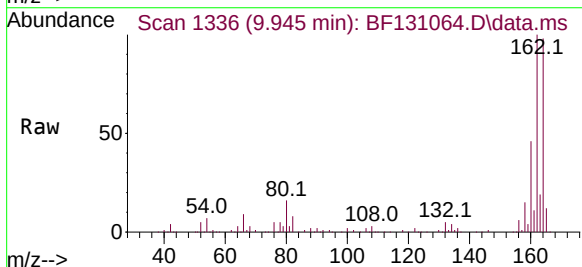
Tgt Ion:164 Resp: 102130

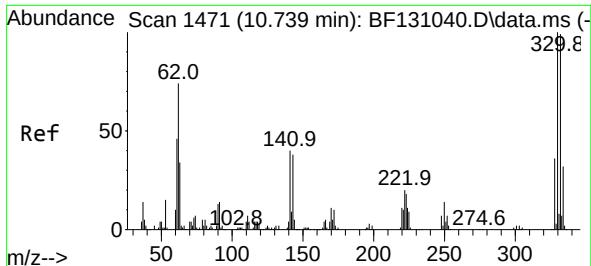
Ion Ratio Lower Upper

164 100

162 101.6 85.0 127.6

160 47.0 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 105.800 ng

RT: 10.733 min Scan# 1471

Delta R.T. -0.006 min

Lab File: BF131064.D

Acq: 08 Nov 2022 13:38

Instrument :

BNA_F

ClientSampleId :

R-23

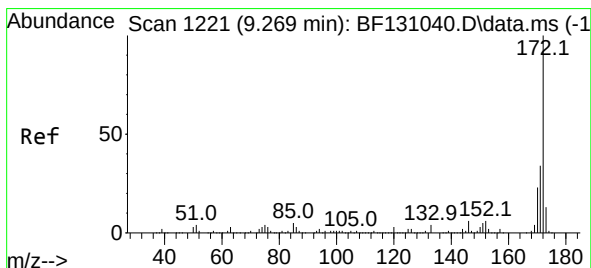
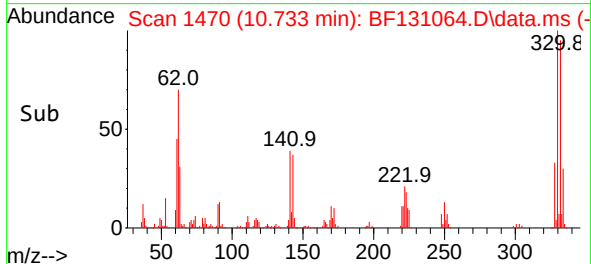
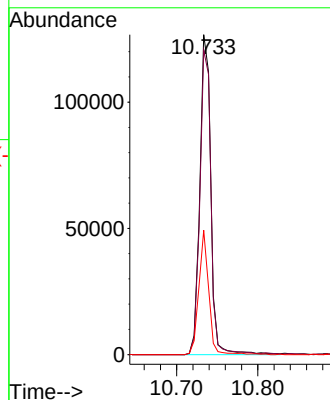
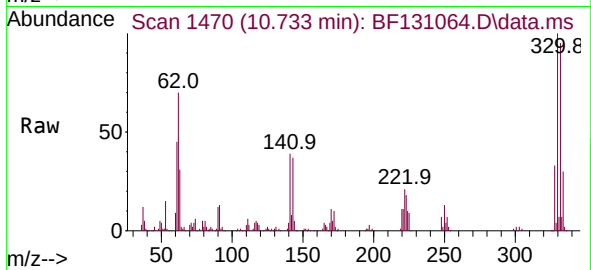
Tgt Ion:330 Resp: 118964

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.4

141 35.1 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 56.617 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131064.D

Acq: 08 Nov 2022 13:38

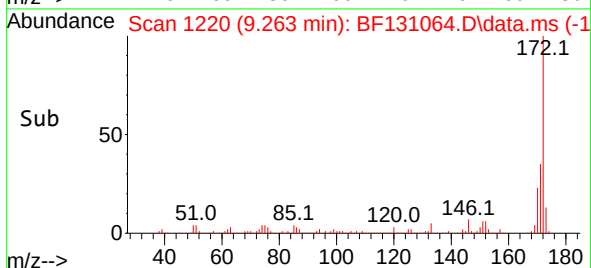
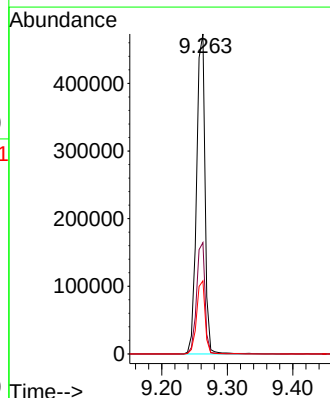
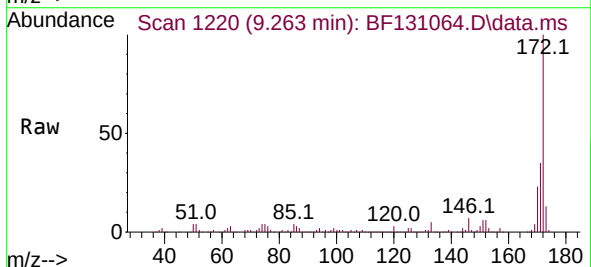
Tgt Ion:172 Resp: 424285

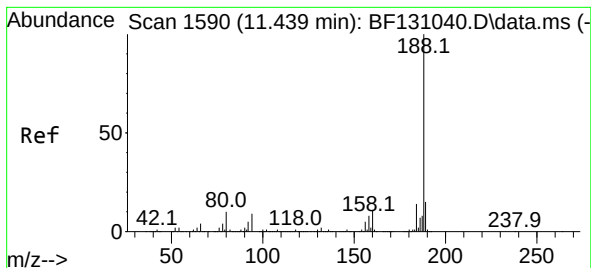
Ion Ratio Lower Upper

172 100

171 34.8 27.7 41.5

170 22.8 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.439 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131064.D

Acq: 08 Nov 2022 13:38

Instrument :

BNA_F

ClientSampleId :

R-23

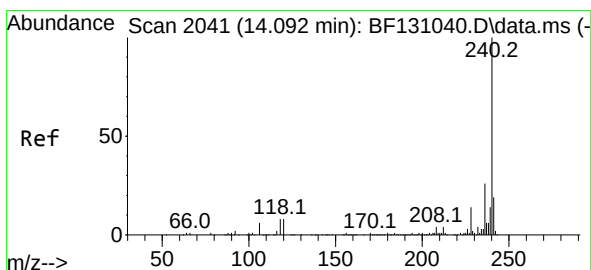
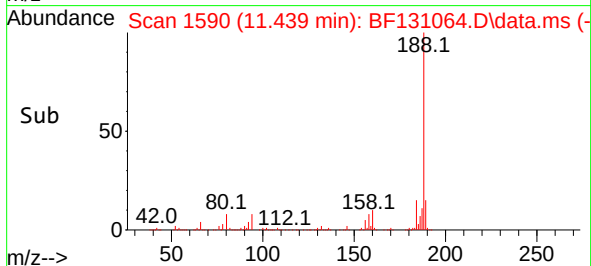
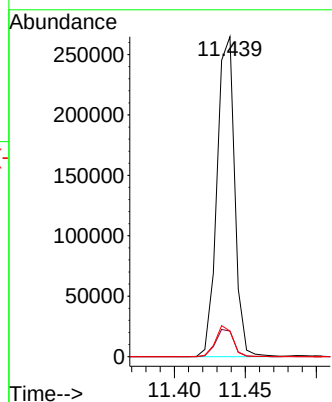
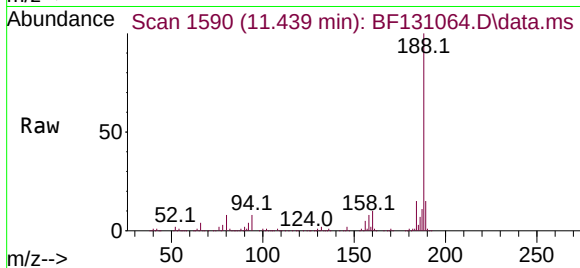
Tgt Ion:188 Resp: 229650

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.6

80 8.0 8.1 12.1#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2040

Delta R.T. -0.006 min

Lab File: BF131064.D

Acq: 08 Nov 2022 13:38

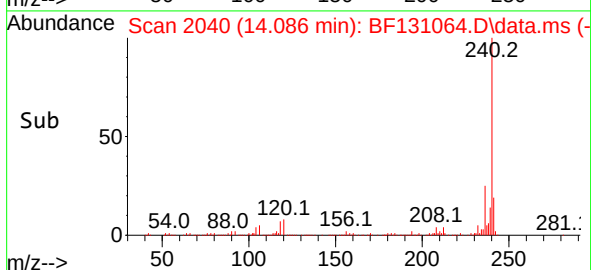
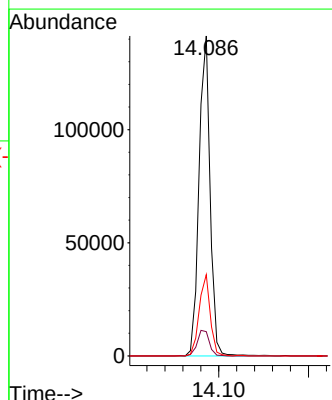
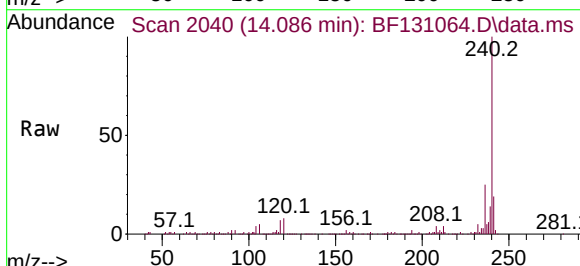
Tgt Ion:240 Resp: 120566

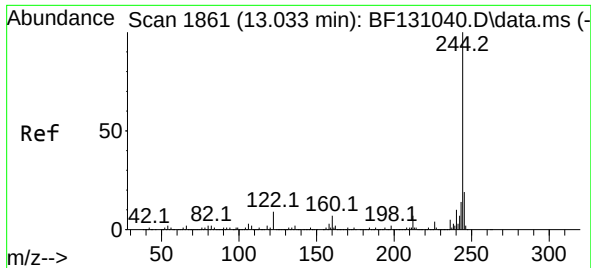
Ion Ratio Lower Upper

240 100

120 7.6 6.7 10.1

236 25.4 20.8 31.2

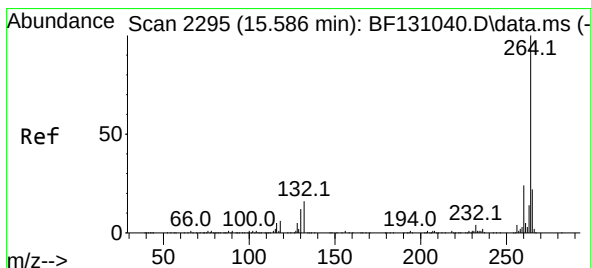
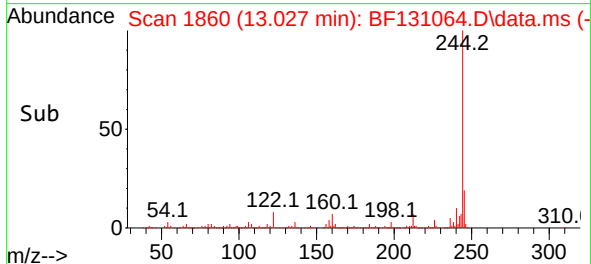
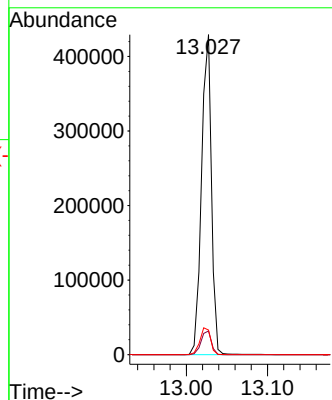
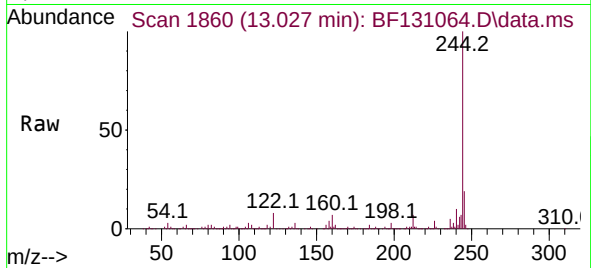




#79
 Terphenyl-d14
 Concen: 48.161 ng
 RT: 13.027 min Scan# 1861
 Delta R.T. -0.006 min
 Lab File: BF131064.D
 Acq: 08 Nov 2022 13:38

Instrument :
 BNA_F
 ClientSampleId :
 R-23

Tgt Ion:244 Resp: 362172
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 7.7 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. 0.000 min
 Lab File: BF131064.D
 Acq: 08 Nov 2022 13:38

Tgt Ion:264 Resp: 157428
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.8 28.2
 265 21.6 17.3 25.9

