

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
 Data File : BF131029.D
 Acq On : 05 Nov 2022 20:25
 Operator : CG\JU
 Sample : N5378-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-20221028-10.5-11.5-A

Quant Time: Nov 07 00:51:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:46:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	62787	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	305037	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	159533	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	240593	20.000	ng	0.00
76) Chrysene-d12	14.086	240	136580	20.000	ng	0.00
86) Perylene-d12	15.586	264	140924	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	383089	105.775	ng	0.00
7) Phenol-d6	6.528	99	501854	106.631	ng	0.00
23) Nitrobenzene-d5	7.463	82	364277	72.009	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	139787	104.090	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	627206	59.440	ng	0.00
79) Terphenyl-d14	13.027	244	470806	63.167	ng	0.00

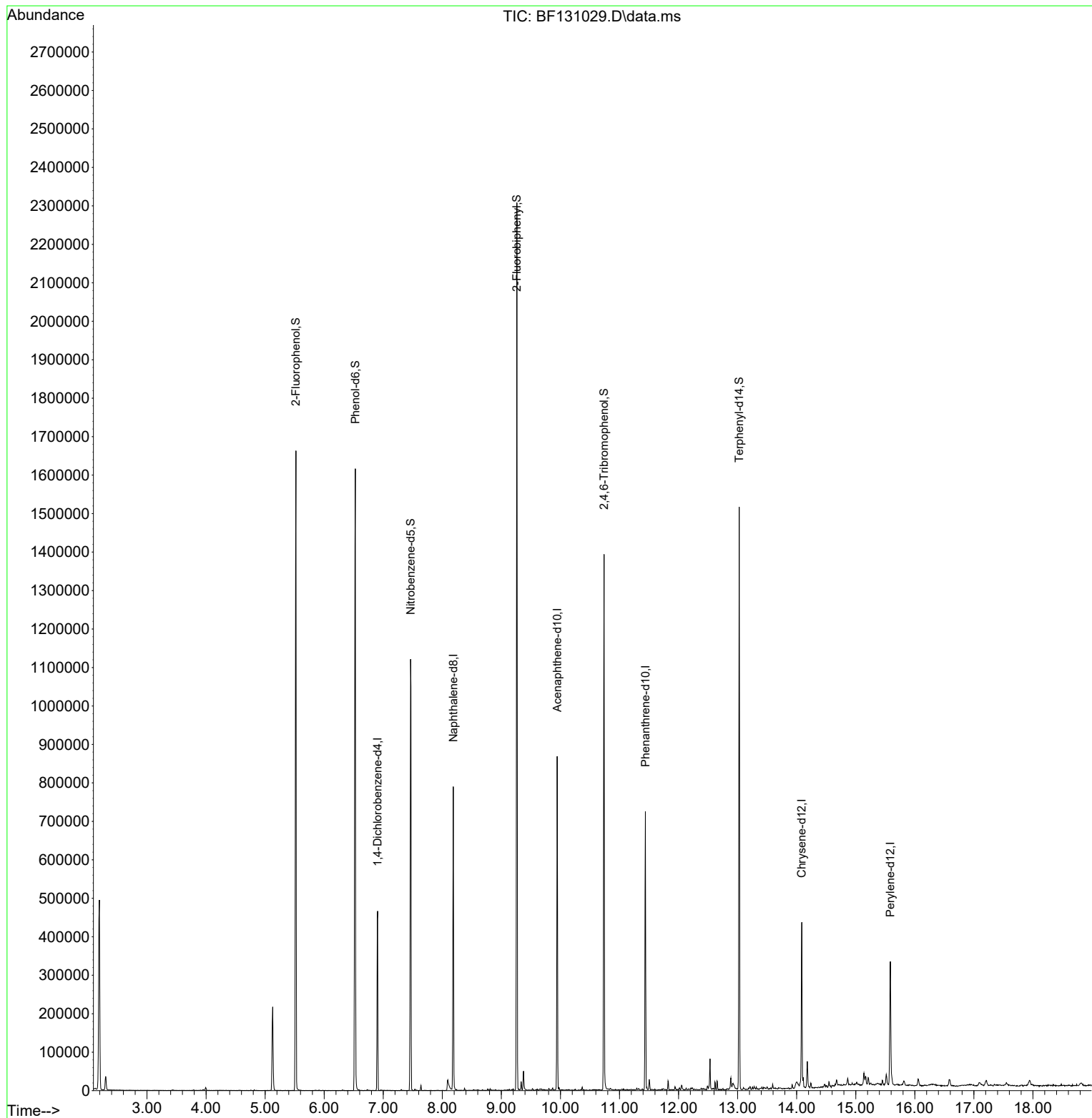
Target Compounds	Qvalue

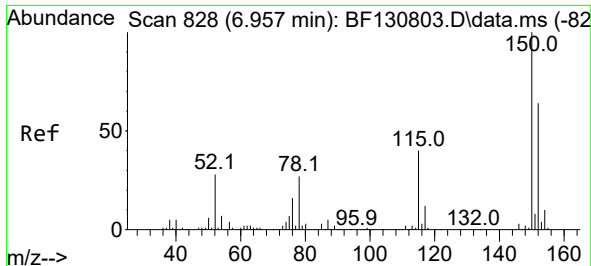
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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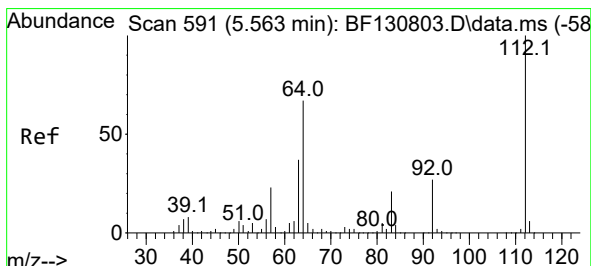
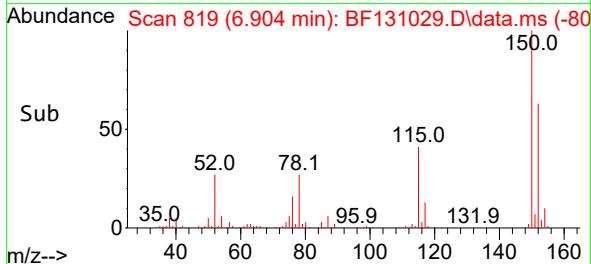
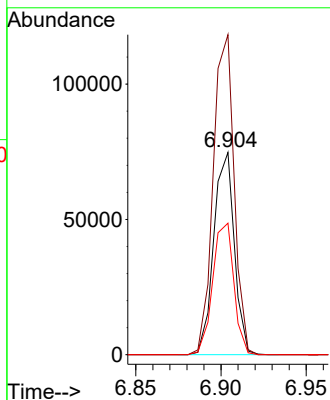
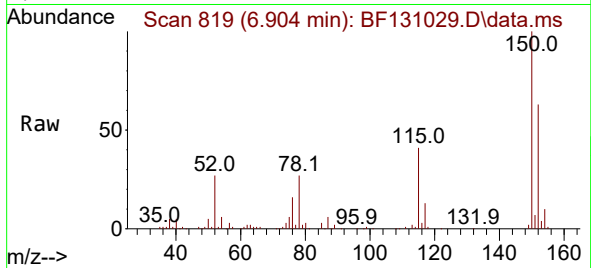




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131029.D
Acq: 05 Nov 2022 20:25

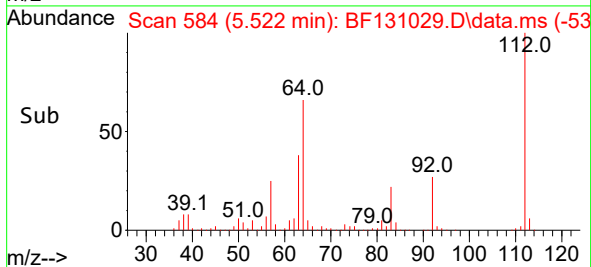
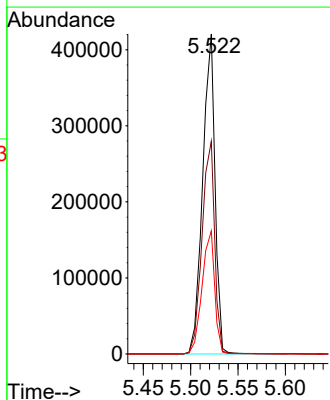
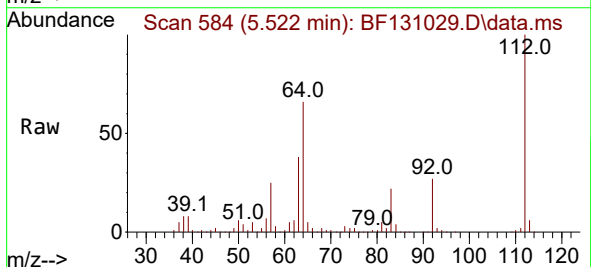
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5-A

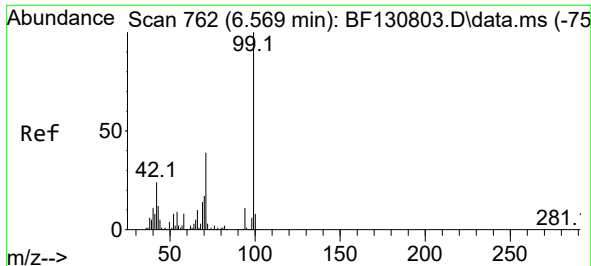
Tgt Ion:152 Resp: 62787
Ion Ratio Lower Upper
152 100
150 158.2 124.1 186.1
115 65.0 50.1 75.1



#5
2-Fluorophenol
Concen: 105.775 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF131029.D
Acq: 05 Nov 2022 20:25

Tgt Ion:112 Resp: 383089
Ion Ratio Lower Upper
112 100
64 66.4 53.9 80.9
63 38.4 29.4 44.2

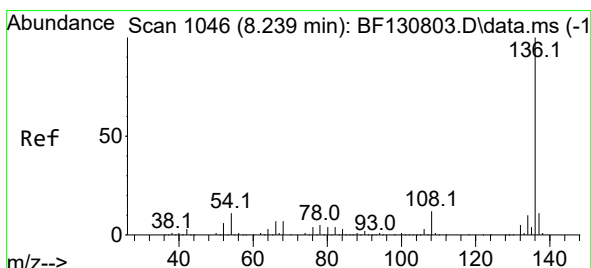
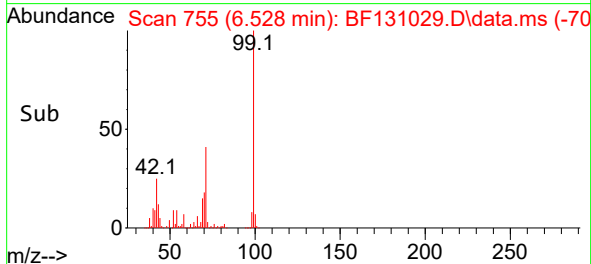
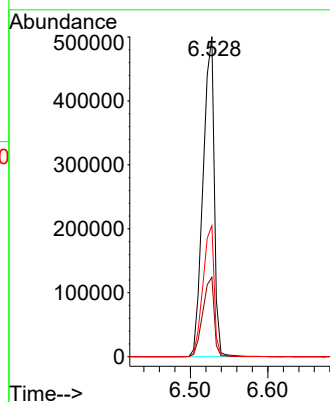
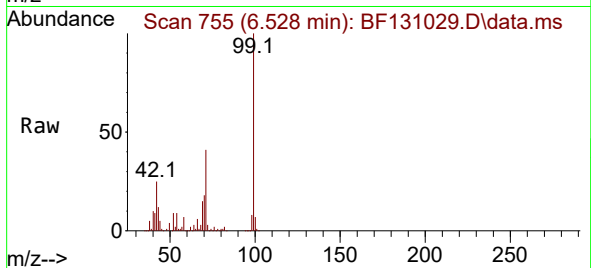




#7
Phenol-d6
Concen: 106.631 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131029.D
Acq: 05 Nov 2022 20:25

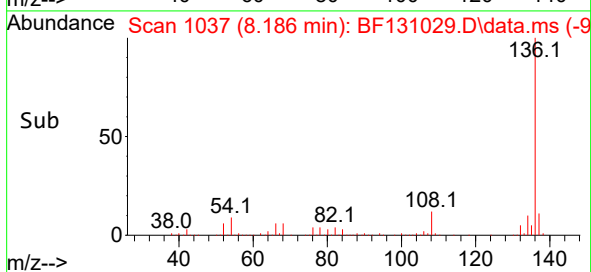
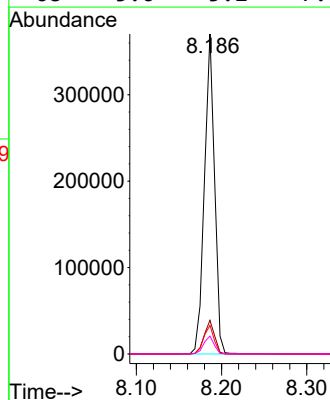
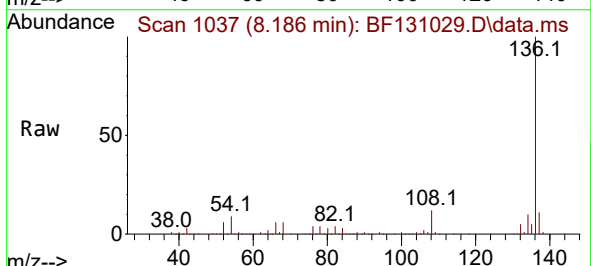
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5-A

Tgt Ion: 99 Resp: 501854
Ion Ratio Lower Upper
99 100
42 24.8 18.8 28.2
71 40.9 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF131029.D
Acq: 05 Nov 2022 20:25

Tgt Ion: 136 Resp: 305037
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 8.9 8.8 13.2
68 5.6 5.2 7.8





#23

Nitrobenzene-d5

Concen: 72.009 ng

RT: 7.463 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF131029.D

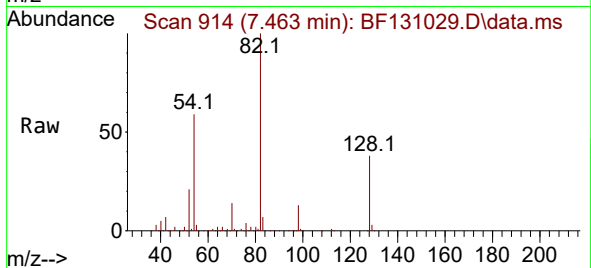
Acq: 05 Nov 2022 20:25

Instrument :

BNA_F

ClientSampleId :

SB-16-20221028-10.5-11.5-A



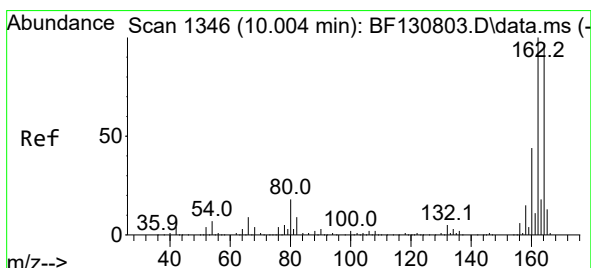
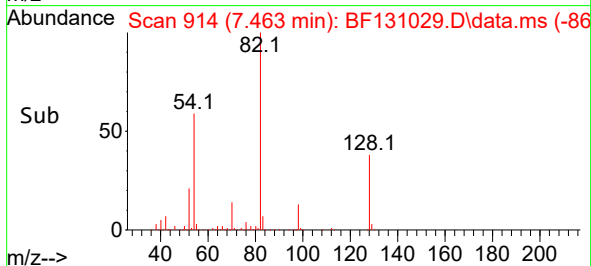
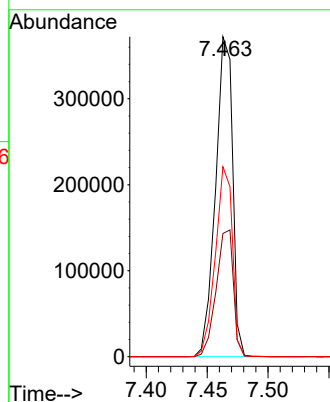
Tgt Ion: 82 Resp: 364277

Ion Ratio Lower Upper

82 100

128 38.5 31.2 46.8

54 59.4 48.0 72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BF131029.D

Acq: 05 Nov 2022 20:25

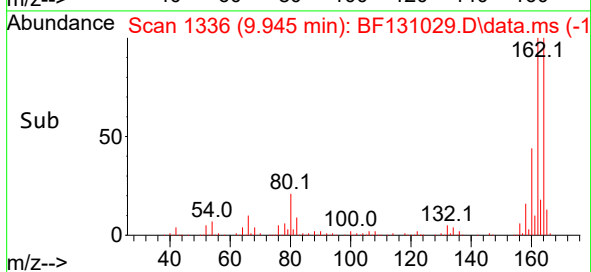
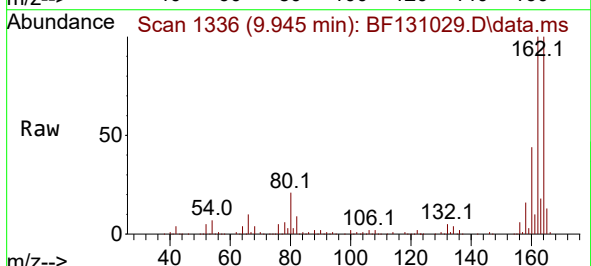
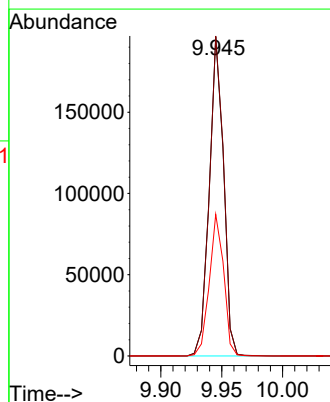
Tgt Ion:164 Resp: 159533

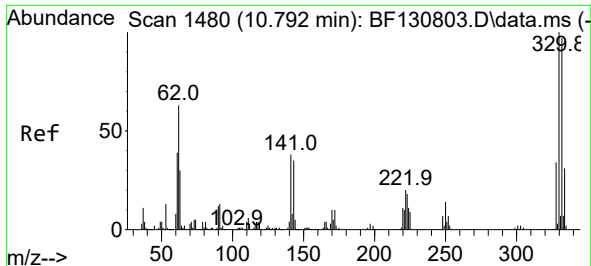
Ion Ratio Lower Upper

164 100

162 100.3 82.2 123.2

160 44.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 104.090 ng

RT: 10.739 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF131029.D

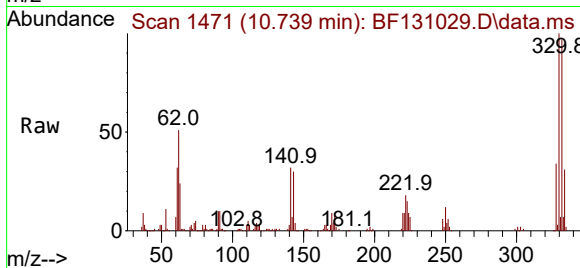
Acq: 05 Nov 2022 20:25

Instrument :

BNA_F

ClientSampleId :

SB-16-20221028-10.5-11.5-A



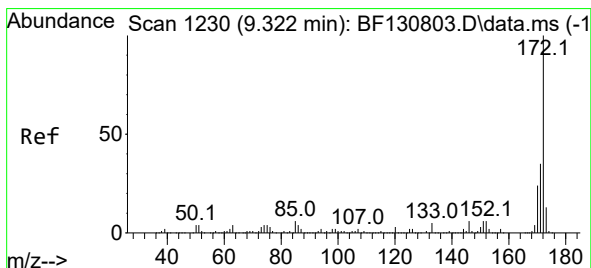
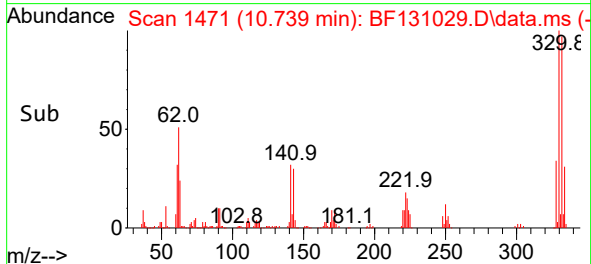
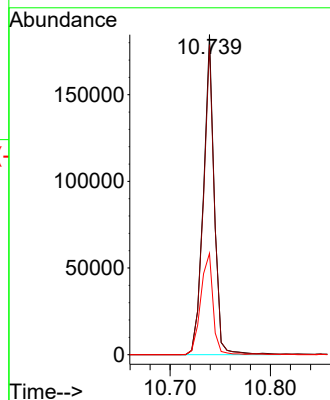
Tgt Ion:330 Resp: 139787

Ion Ratio Lower Upper

330 100

332 97.5 76.2 114.4

141 35.7 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 59.440 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131029.D

Acq: 05 Nov 2022 20:25

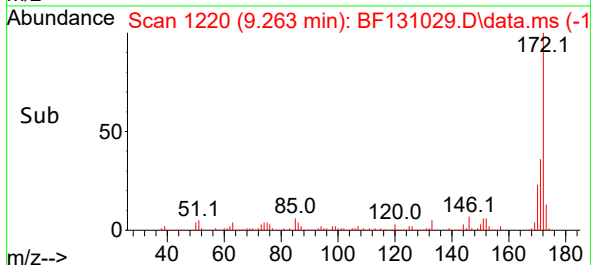
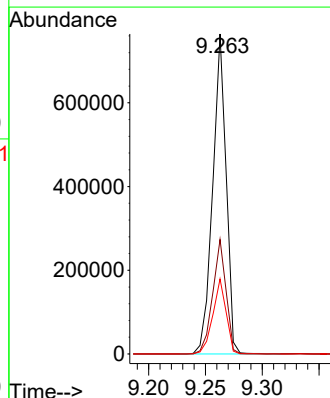
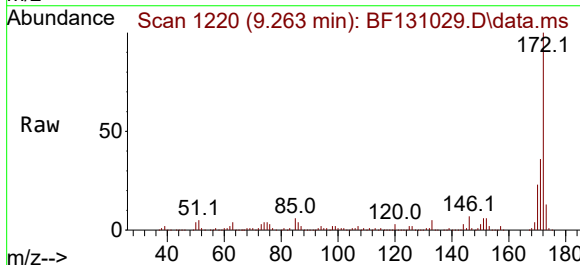
Tgt Ion:172 Resp: 627206

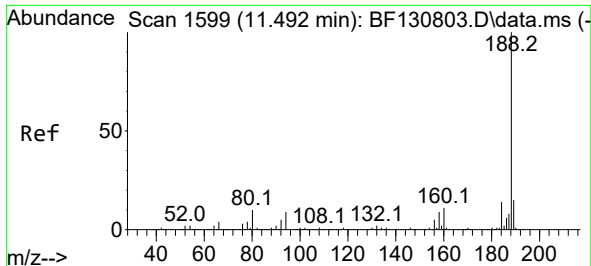
Ion Ratio Lower Upper

172 100

171 35.8 28.1 42.1

170 23.5 19.0 28.4

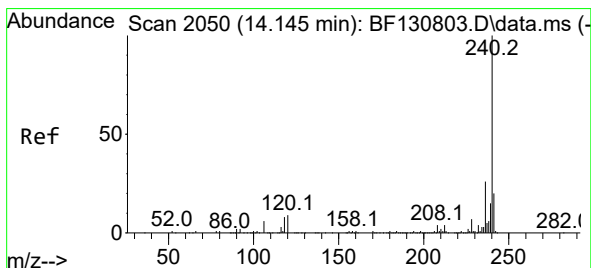
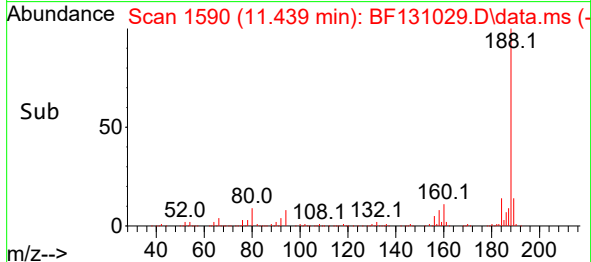
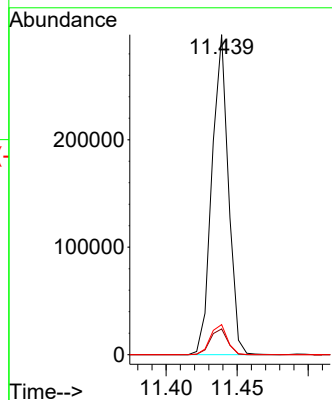
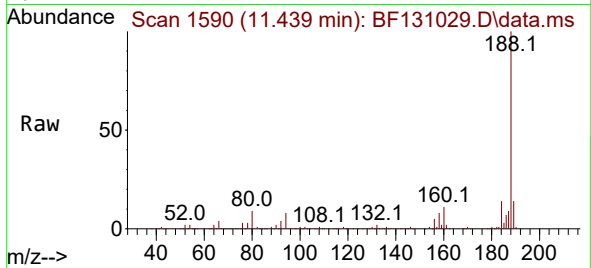




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131029.D
Acq: 05 Nov 2022 20:25

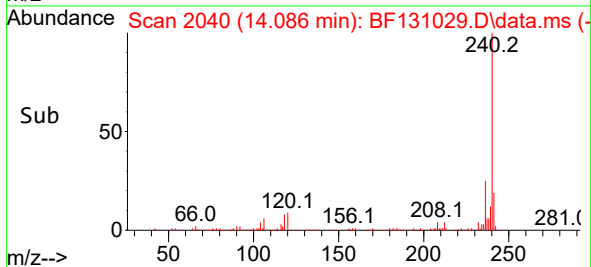
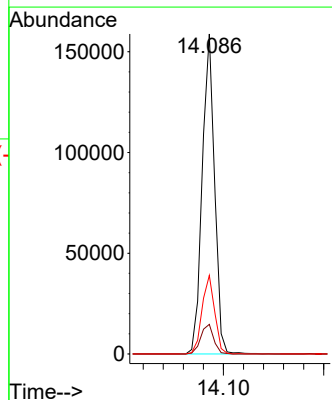
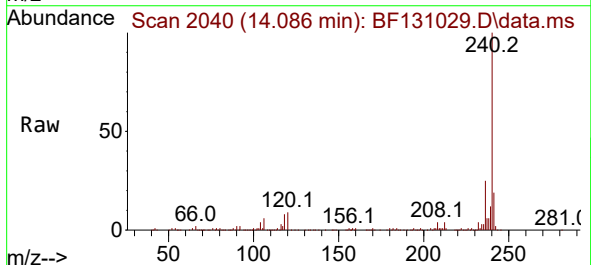
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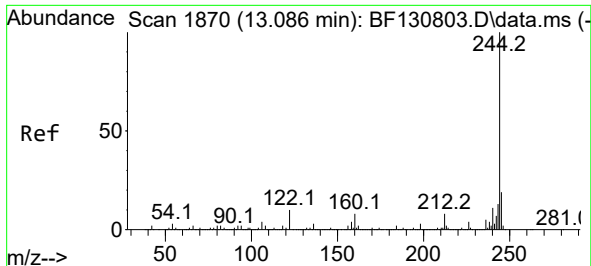
Tgt Ion:188 Resp: 240593
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 9.4 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF131029.D
Acq: 05 Nov 2022 20:25

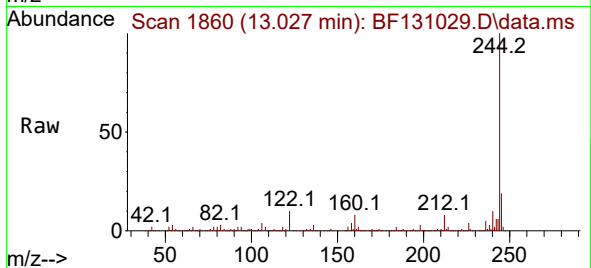
Tgt Ion:240 Resp: 136580
Ion Ratio Lower Upper
240 100
120 9.2 7.0 10.4
236 24.6 20.5 30.7



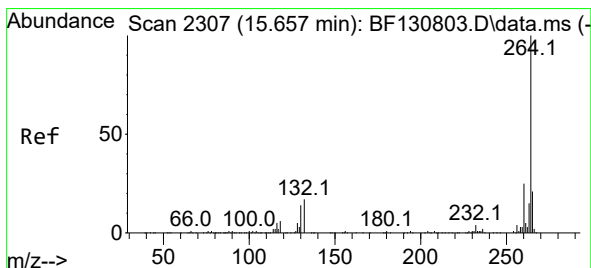
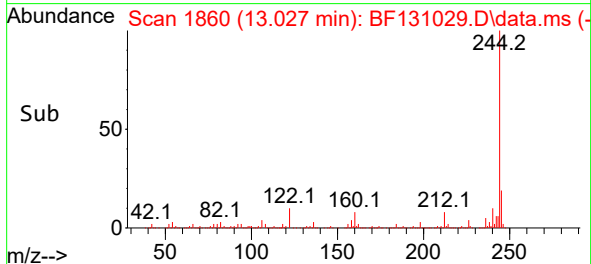
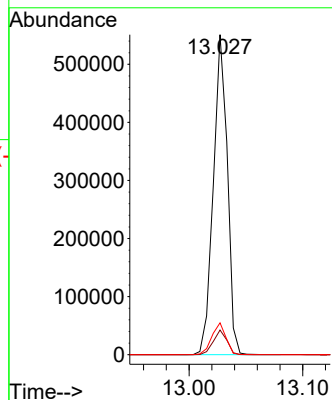


#79
 Terphenyl-d14
 Concen: 63.167 ng
 RT: 13.027 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131029.D
 Acq: 05 Nov 2022 20:25

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 SB-16-20221028-10.5-11.5-A



Tgt Ion:244 Resp: 470806
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 9.9 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.006 min
 Lab File: BF131029.D
 Acq: 05 Nov 2022 20:25

Tgt Ion:264 Resp: 140924
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.9 29.9
 265 20.2 17.0 25.6

