

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120122\
 Data File : BF131490.D
 Acq On : 01 Dec 2022 14:54
 Operator : CG\JU
 Sample : N5809-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HOWE-DRUM-C-1129

Quant Time: Dec 02 03:27:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 01 12:46:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	79629	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	335172	20.000	ng	-0.01
39) Acenaphthene-d10	9.992	164	194636	20.000	ng	-0.01
64) Phenanthrene-d10	11.492	188	351262	20.000	ng	-0.01
76) Chrysene-d12	14.151	240	228811	20.000	ng	# 0.00
86) Perylene-d12	15.686	264	146136	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	537782	128.535	ng	0.01
7) Phenol-d6	6.569	99	625089	117.097	ng	0.00
23) Nitrobenzene-d5	7.510	82	615362	92.548	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	295555	180.493	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1154544	86.297	ng	-0.01
79) Terphenyl-d14	13.092	244	1328857	94.971	ng	0.00

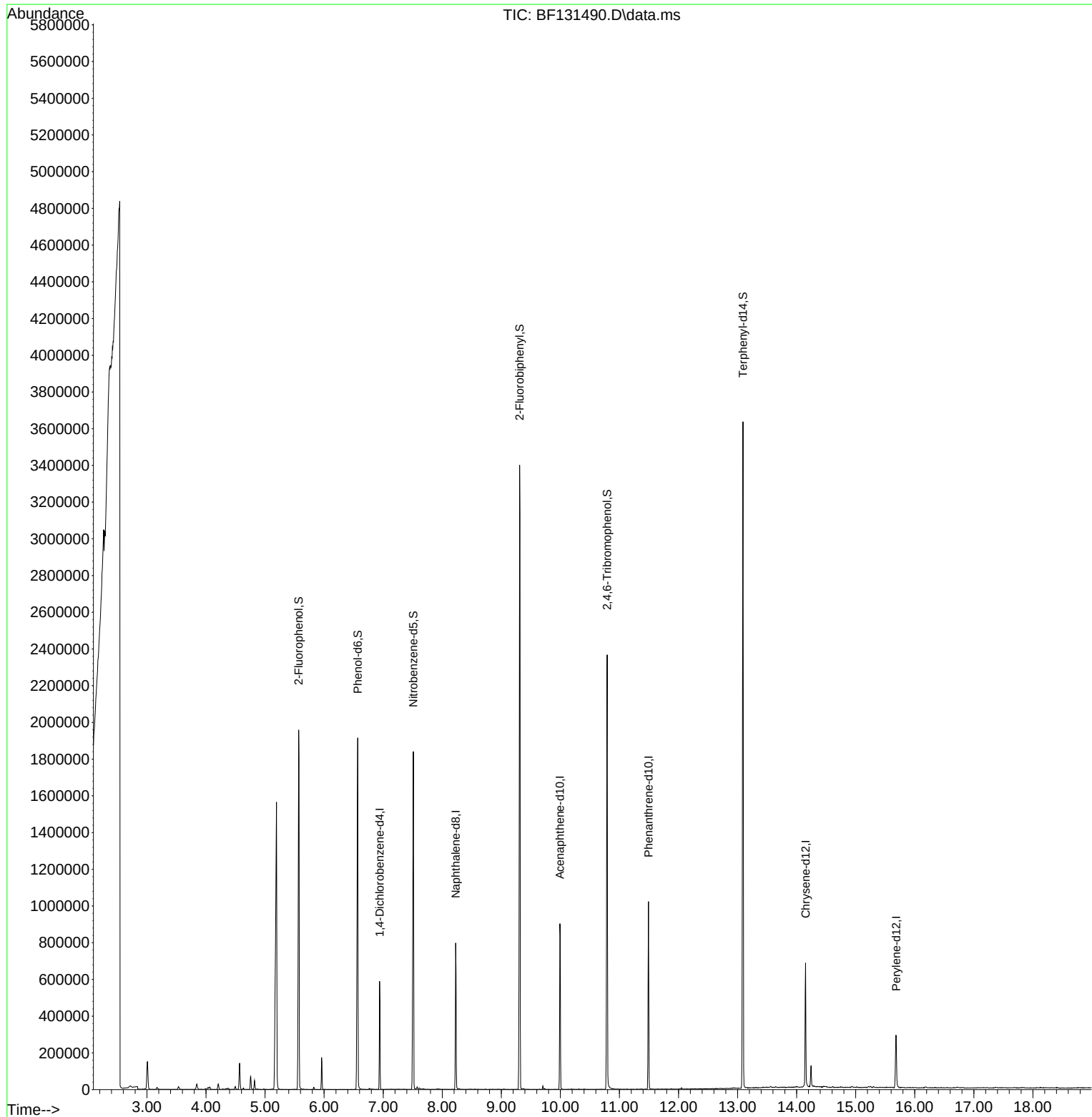
Target Compounds Qvalue

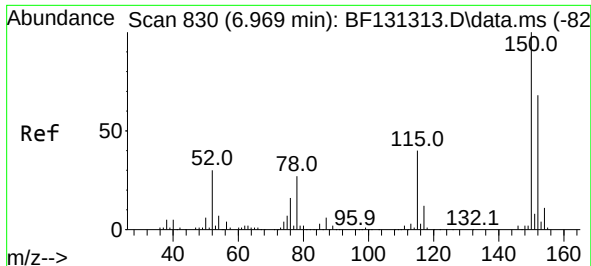
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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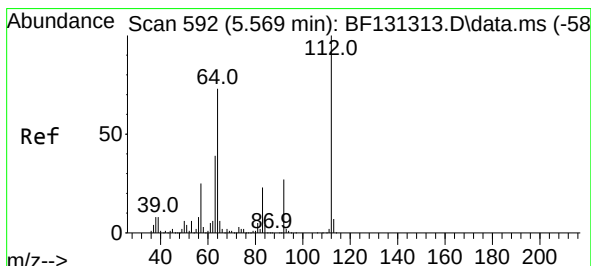
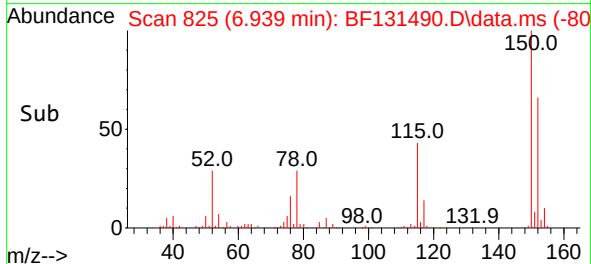
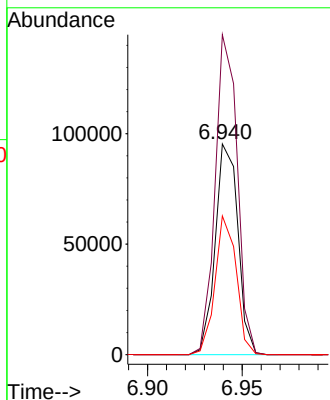
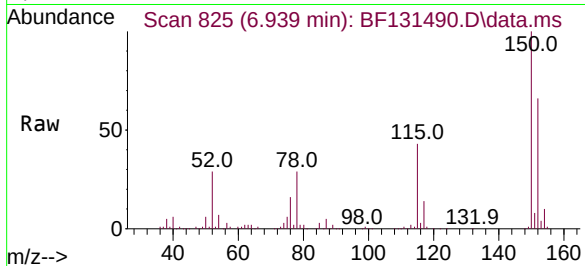




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131490.D
Acq: 01 Dec 2022 14:54

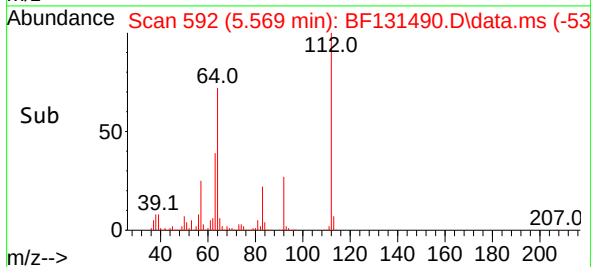
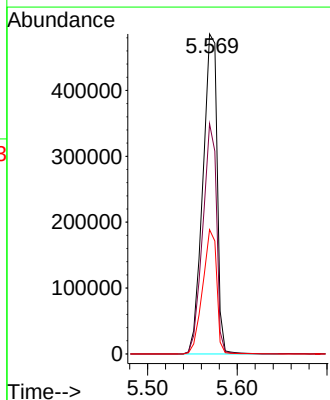
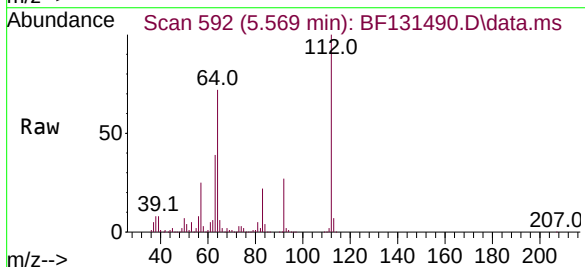
Instrument :
BNA_F
ClientSampleId :
HOWE-DRUM-C-1129

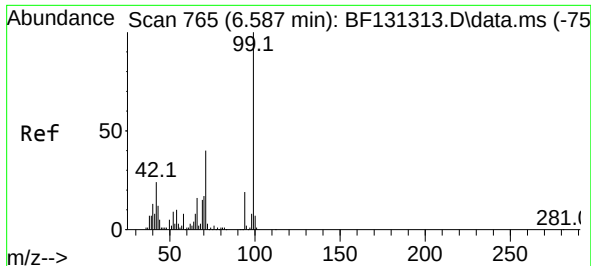
Tgt Ion:152 Resp: 79629
Ion Ratio Lower Upper
152 100
150 151.9 117.8 176.8
115 65.8 47.1 70.7



#5
2-Fluorophenol
Concen: 128.535 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF131490.D
Acq: 01 Dec 2022 14:54

Tgt Ion:112 Resp: 537782
Ion Ratio Lower Upper
112 100
64 71.9 58.6 88.0
63 38.8 31.4 47.0

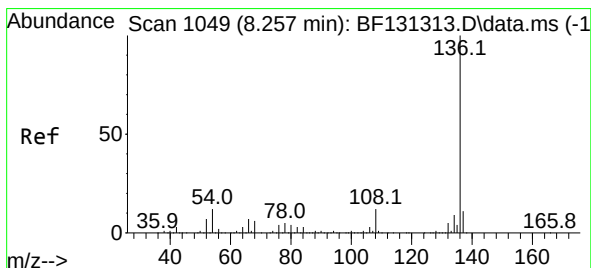
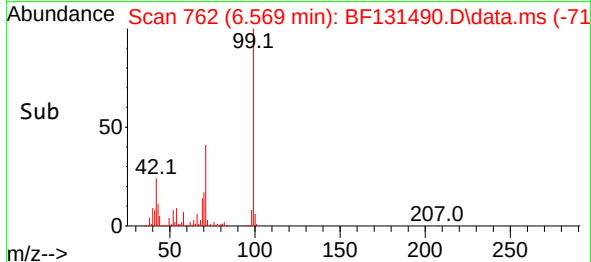
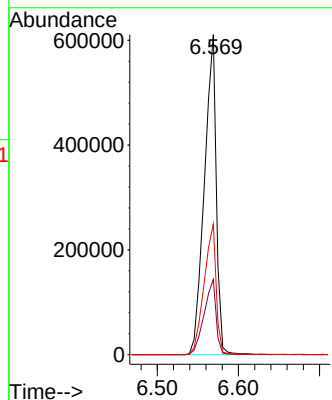
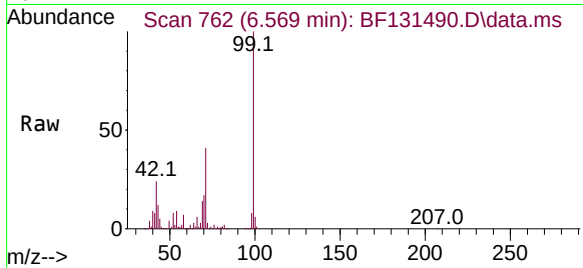




#7
Phenol-d6
Concen: 117.097 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF131490.D
Acq: 01 Dec 2022 14:54

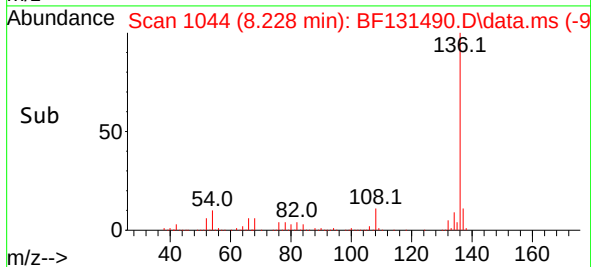
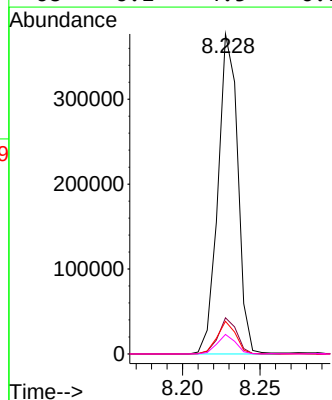
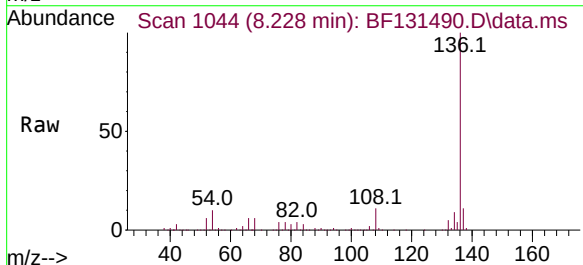
Instrument :
BNA_F
ClientSampleId :
HOWE-DRUM-C-1129

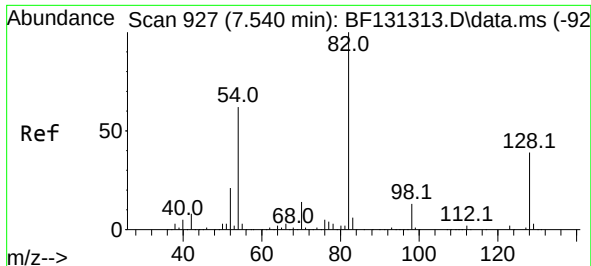
Tgt Ion: 99 Resp: 625089
Ion Ratio Lower Upper
99 100
42 23.5 19.4 29.2
71 40.8 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.012 min
Lab File: BF131490.D
Acq: 01 Dec 2022 14:54

Tgt Ion:136 Resp: 335172
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 10.2 9.4 14.0
68 6.1 4.5 6.7

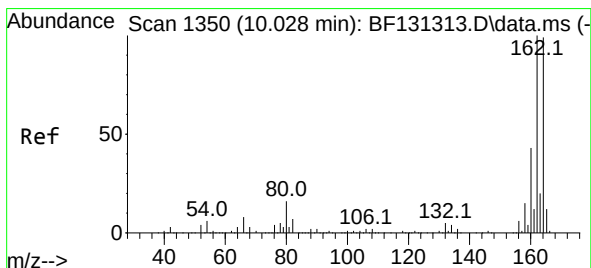
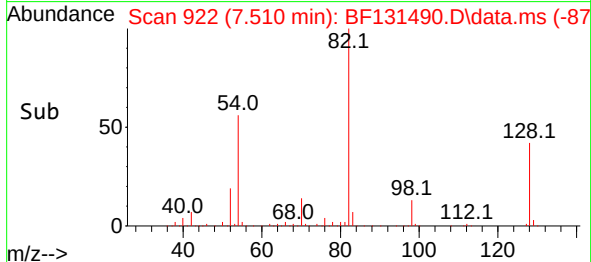
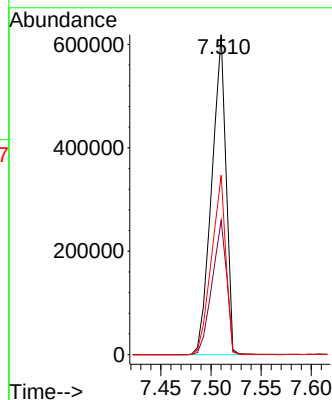
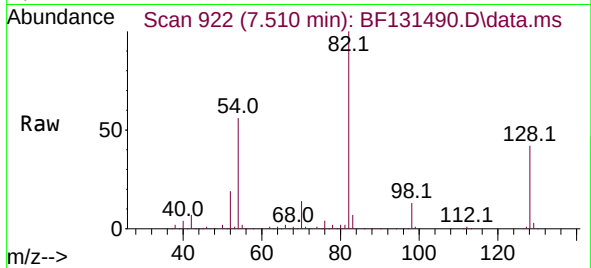




#23
Nitrobenzene-d5
Concen: 92.548 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131490.D
Acq: 01 Dec 2022 14:54

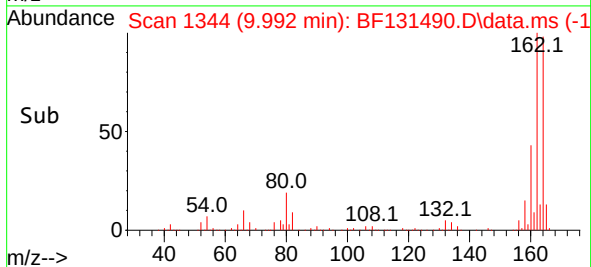
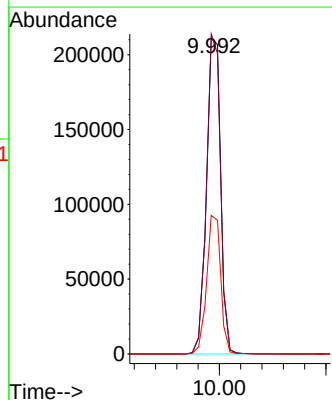
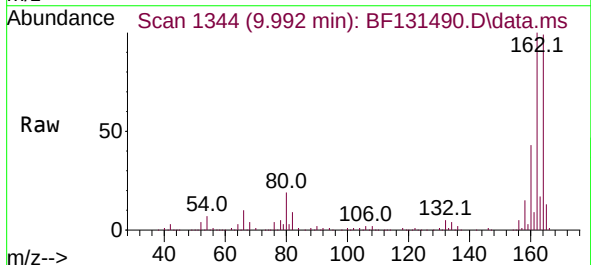
Instrument :
BNA_F
ClientSampleId :
HOWE-DRUM-C-1129

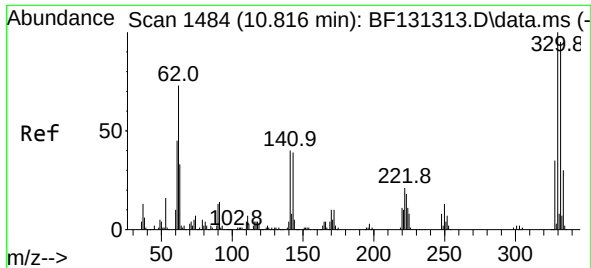
Tgt Ion: 82 Resp: 615362
Ion Ratio Lower Upper
82 100
128 42.0 31.4 47.0
54 56.0 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1344
Delta R.T. -0.012 min
Lab File: BF131490.D
Acq: 01 Dec 2022 14:54

Tgt Ion:164 Resp: 194636
Ion Ratio Lower Upper
164 100
162 101.3 80.6 120.8
160 43.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 180.493 ng

RT: 10.792 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF131490.D

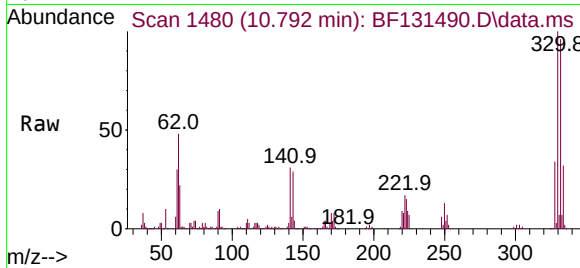
Acq: 01 Dec 2022 14:54

Instrument :

BNA_F

ClientSampleId :

HOWE-DRUM-C-1129



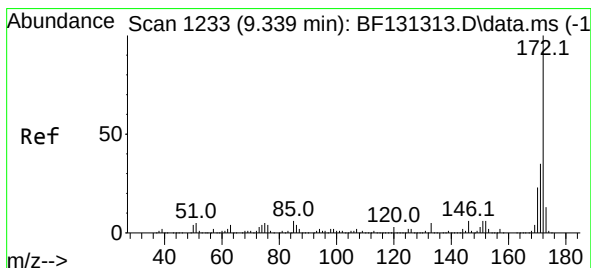
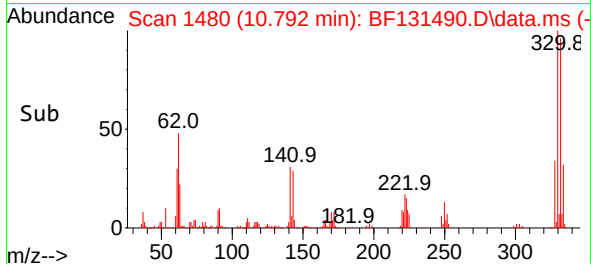
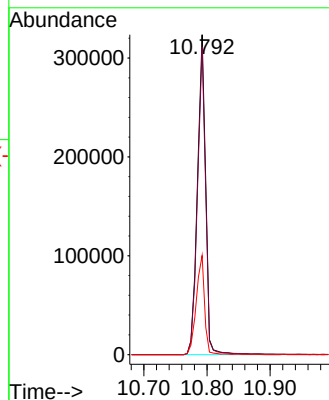
Tgt Ion:330 Resp: 295555

Ion Ratio Lower Upper

330 100

332 95.3 77.5 116.3

141 31.5 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 86.297 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.012 min

Lab File: BF131490.D

Acq: 01 Dec 2022 14:54

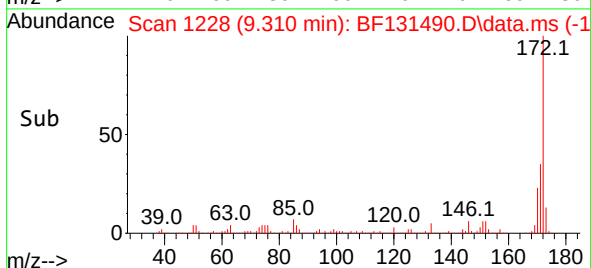
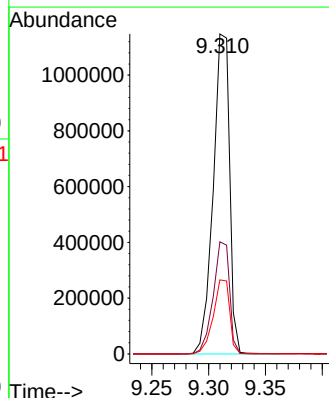
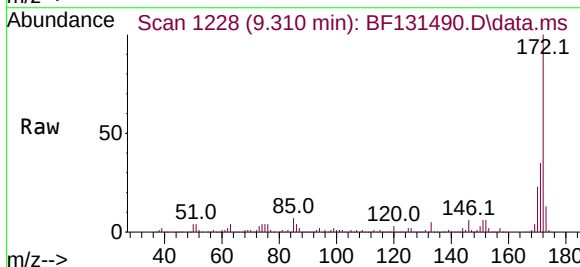
Tgt Ion:172 Resp: 1154544

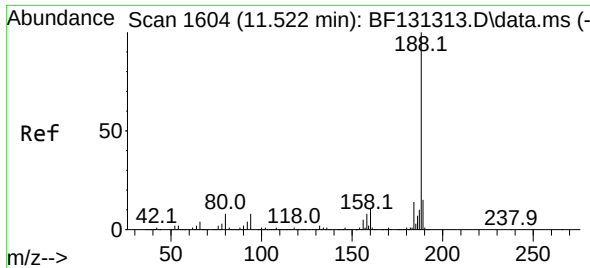
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.1 18.7 28.1

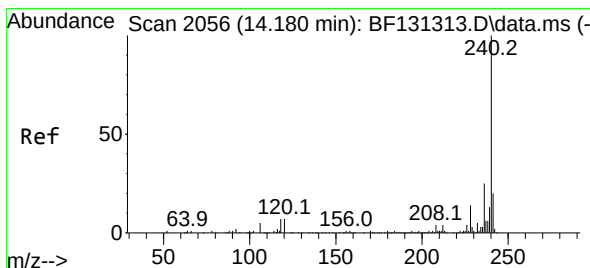
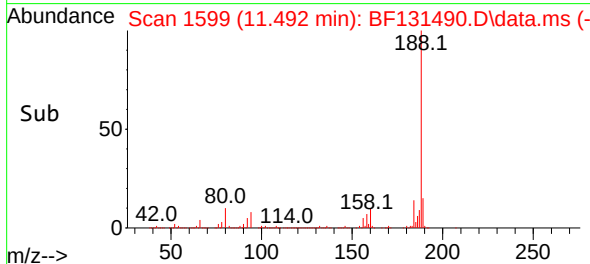
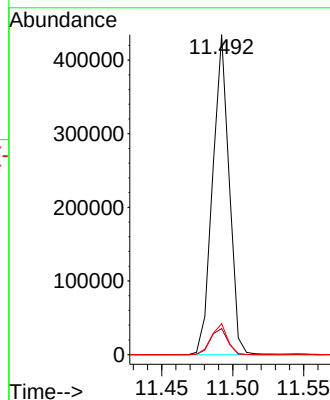
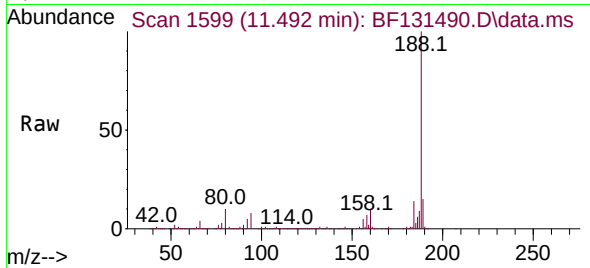




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11492
Delta R.T. -0.012 min
Lab File: BF131490.D
Acq: 01 Dec 2022 14:54

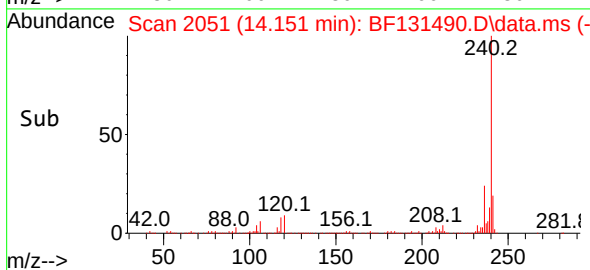
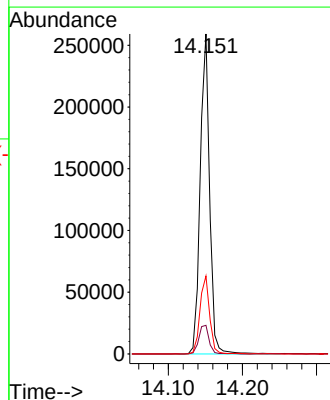
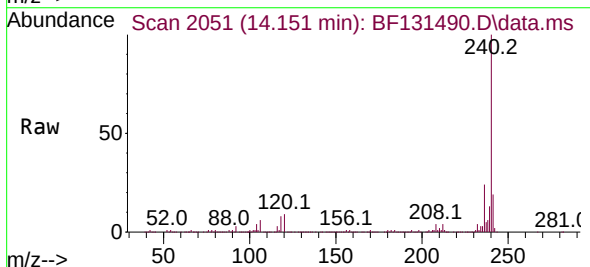
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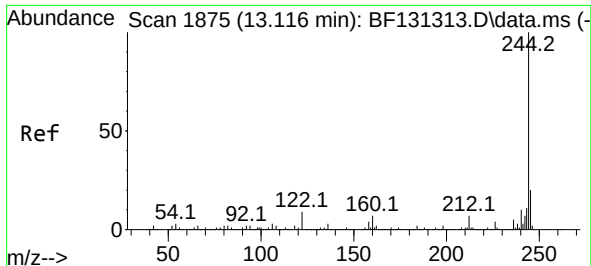
Tgt Ion:188 Resp: 351262
Ion Ratio Lower Upper
188 100
94 8.1 6.3 9.5
80 9.7 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF131490.D
Acq: 01 Dec 2022 14:54

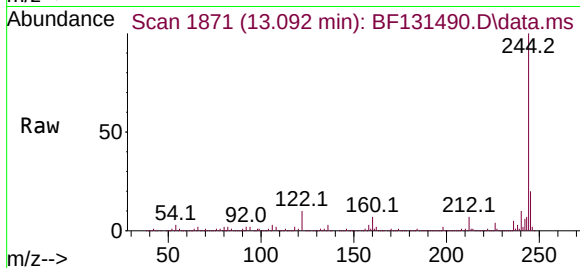
Tgt Ion:240 Resp: 228811
Ion Ratio Lower Upper
240 100
120 8.9 5.8 8.8#
236 24.4 20.3 30.5



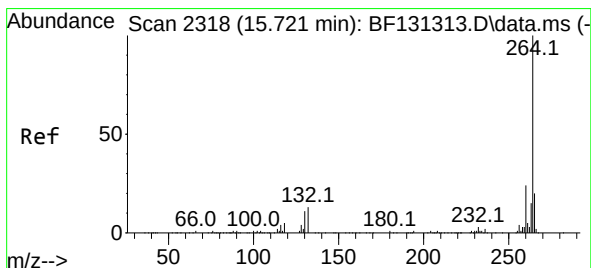
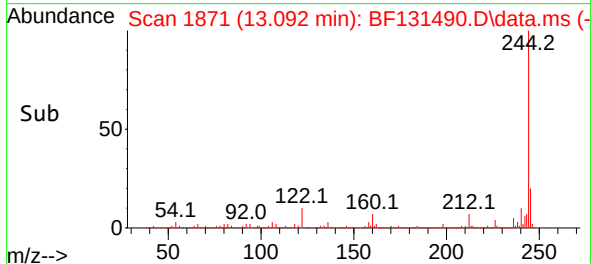
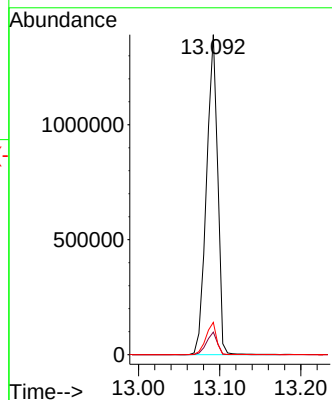


#79
Terphenyl-d14
Concen: 94.971 ng
RT: 13.092 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BF131490.D
Acq: 01 Dec 2022 14:54

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 1328857
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 10.1 7.5 11.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.686 min Scan# 2312
Delta R.T. -0.006 min
Lab File: BF131490.D
Acq: 01 Dec 2022 14:54

Tgt Ion:264 Resp: 146136
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.4
265 21.3 16.4 24.6

