

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129888.D
 Acq On : 18 Aug 2022 21:51
 Operator : CG\JU
 Sample : N4093-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLDG-4-BASEMENT-DRUM

Quant Time: Aug 19 01:05:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 12:03:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	122769	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	481161	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	253515	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	400966	20.000	ng	0.00
76) Chrysene-d12	13.969	240	217484	20.000	ng	0.00
86) Perylene-d12	15.427	264	250507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	205203	27.674	ng	0.00
7) Phenol-d6	6.445	99	1104741	118.974	ng	0.00
23) Nitrobenzene-d5	7.363	82	868248	96.597	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	1529	0.601	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1630273	97.669	ng	0.00
79) Terphenyl-d14	12.910	244	1378674	105.480	ng	0.00

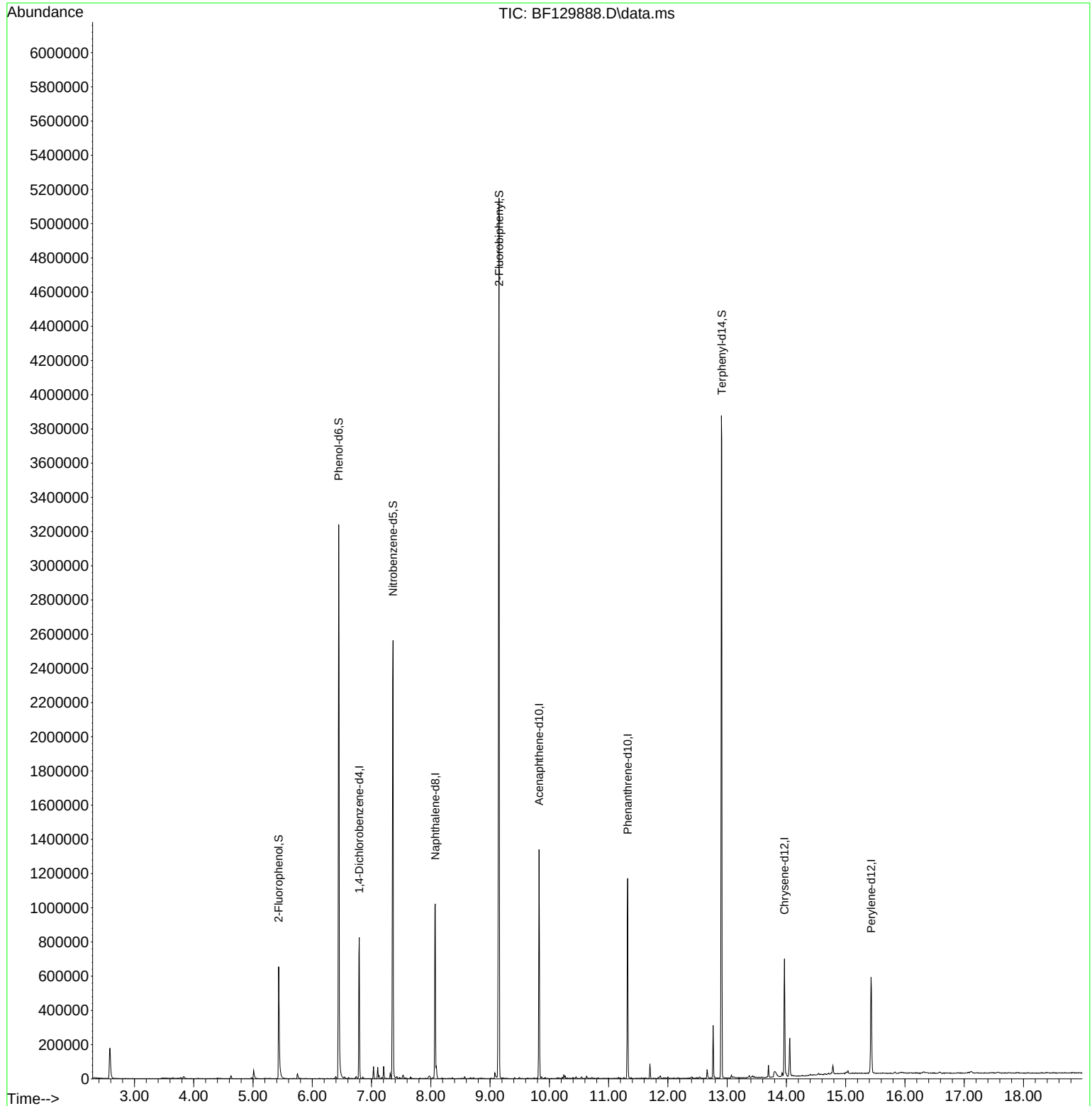
Target Compounds Qvalue

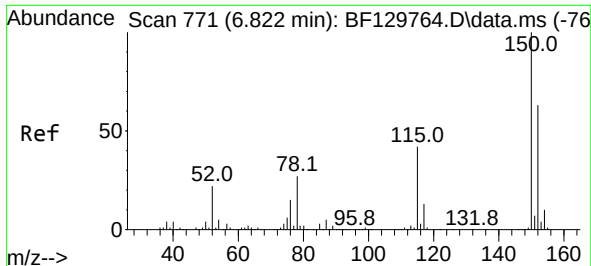
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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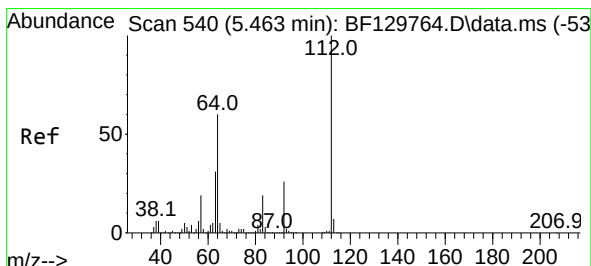
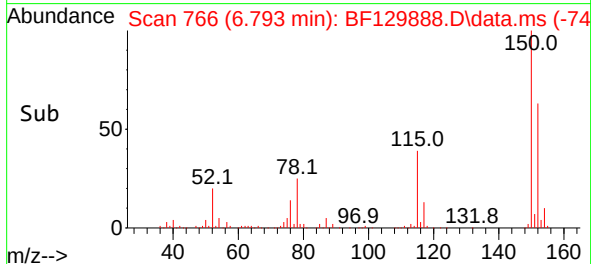
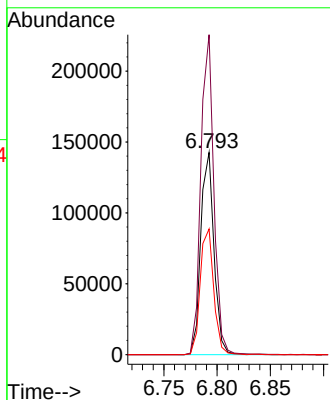
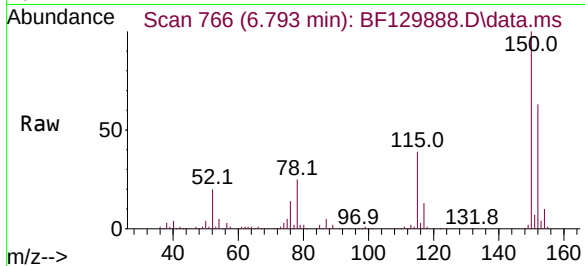




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 70
Delta R.T. 0.001 min
Lab File: BF129888.D
Acq: 18 Aug 2022 21:51

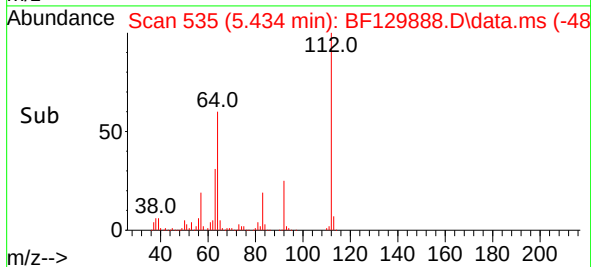
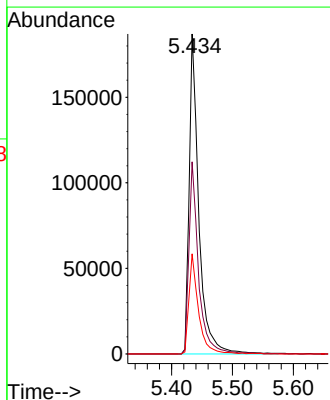
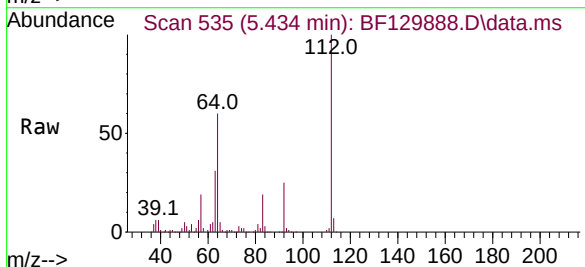
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUM

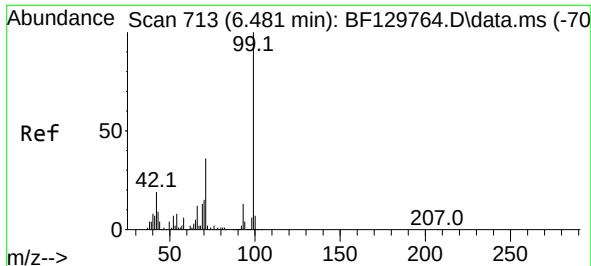
Tgt Ion:152 Resp: 122769
Ion Ratio Lower Upper
152 100
150 158.3 126.9 190.3
115 62.2 53.4 80.0



#5
2-Fluorophenol
Concen: 27.674 ng
RT: 5.434 min Scan# 535
Delta R.T. 0.006 min
Lab File: BF129888.D
Acq: 18 Aug 2022 21:51

Tgt Ion:112 Resp: 205203
Ion Ratio Lower Upper
112 100
64 60.0 47.6 71.4
63 31.3 24.6 37.0

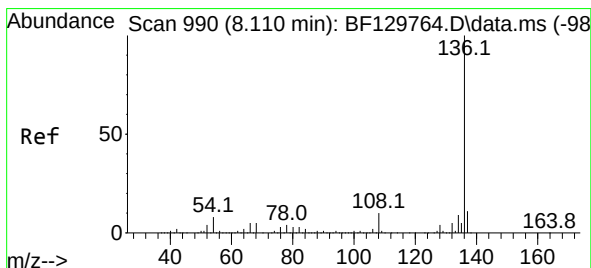
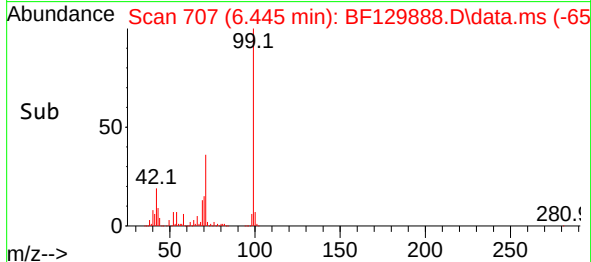
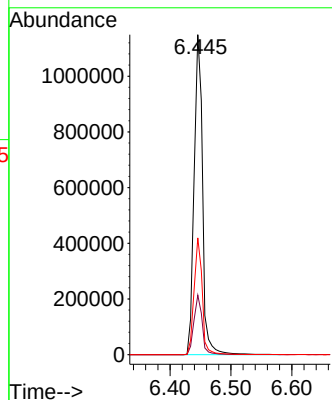
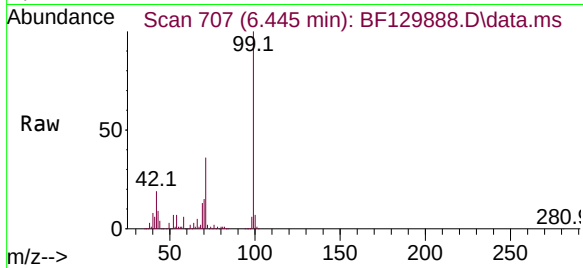




#7
Phenol-d6
Concen: 118.974 ng
RT: 6.445 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129888.D
Acq: 18 Aug 2022 21:51

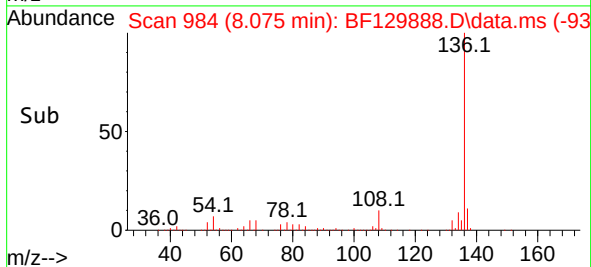
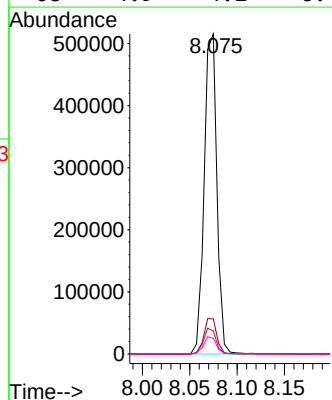
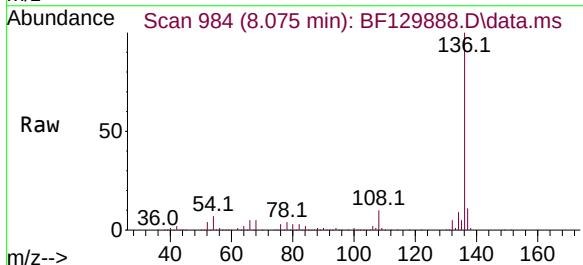
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUM

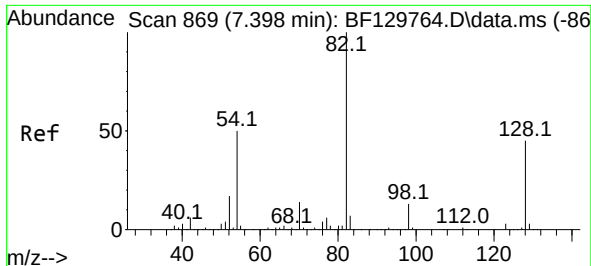
Tgt Ion: 99 Resp: 1104741
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 36.5 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129888.D
Acq: 18 Aug 2022 21:51

Tgt Ion: 136 Resp: 481161
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.1 6.2 9.2
68 4.9 4.2 6.4

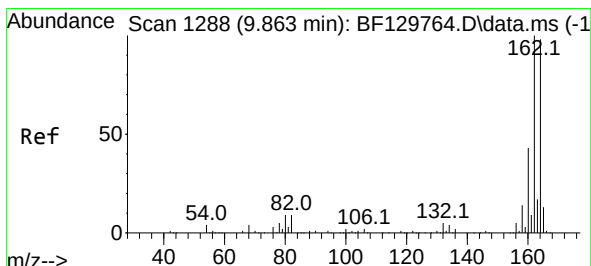
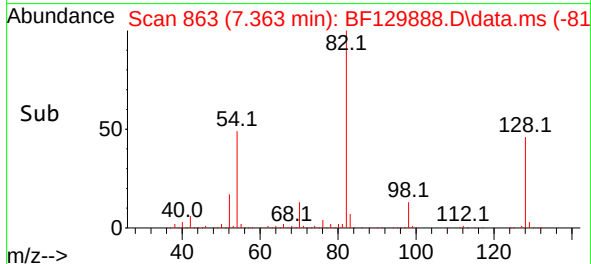
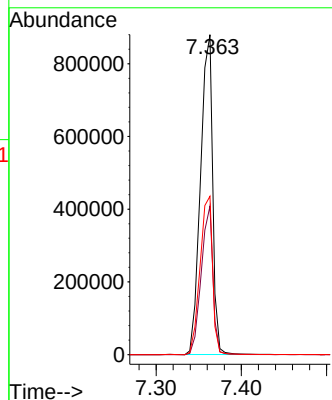
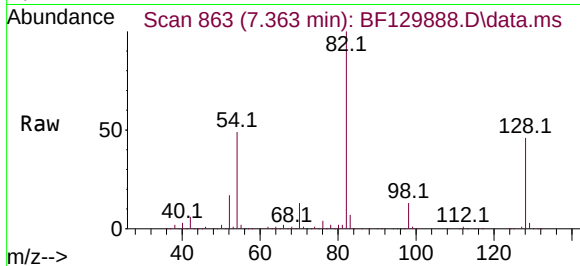




#23
Nitrobenzene-d5
Concen: 96.597 ng
RT: 7.363 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129888.D
Acq: 18 Aug 2022 21:51

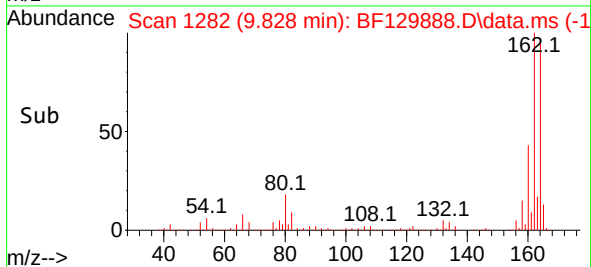
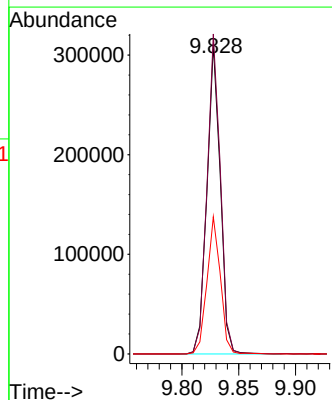
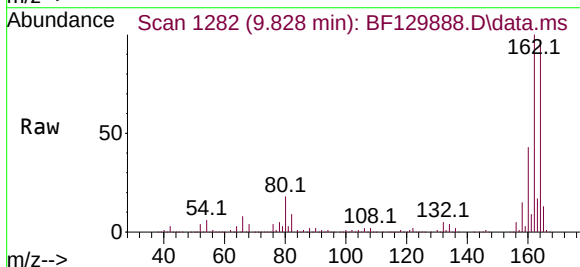
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUM

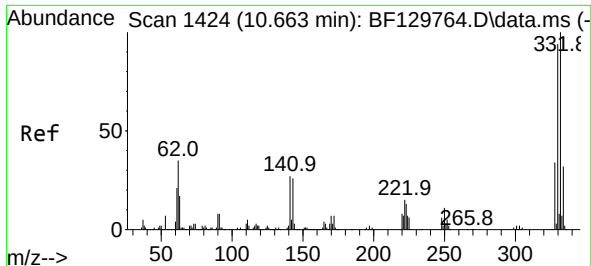
Tgt Ion: 82 Resp: 868248
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 49.5 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF129888.D
Acq: 18 Aug 2022 21:51

Tgt Ion:164 Resp: 253515
Ion Ratio Lower Upper
164 100
162 103.5 82.0 123.0
160 44.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 0.601 ng

RT: 10.628 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF129888.D

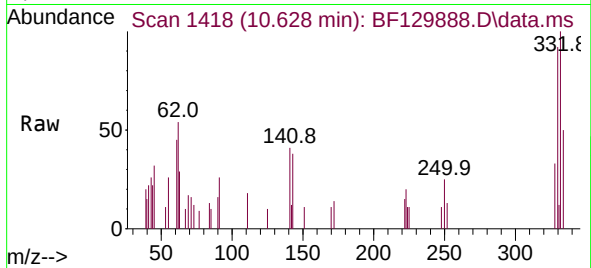
Acq: 18 Aug 2022 21:51

Instrument :

BNA_F

ClientSampleId :

BLDG-4-BASEMENT-DRUM



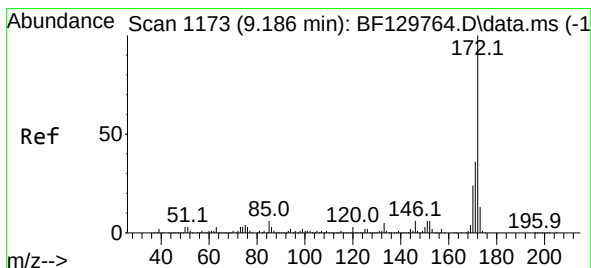
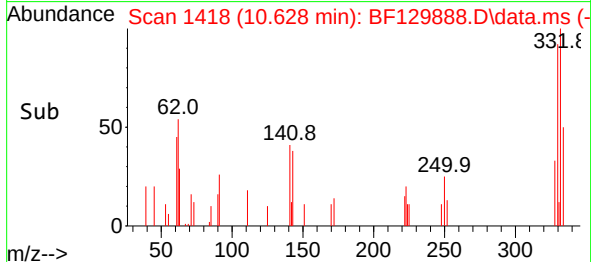
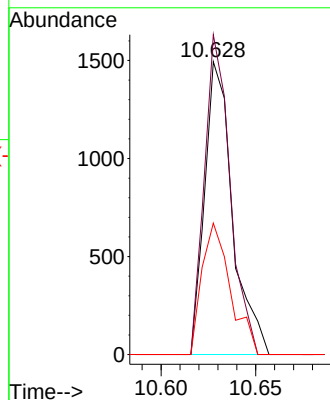
Tgt Ion:330 Resp: 1529

Ion Ratio Lower Upper

330 100

332 101.0 82.6 124.0

141 45.7 27.6 41.4#



#45

2-Fluorobiphenyl

Concen: 97.669 ng

RT: 9.151 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF129888.D

Acq: 18 Aug 2022 21:51

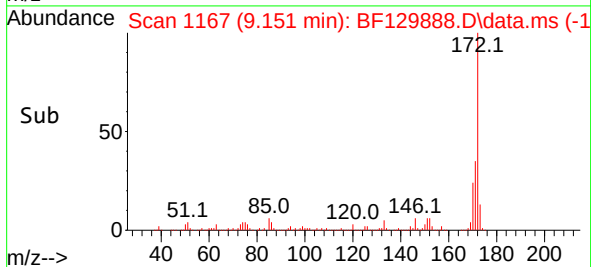
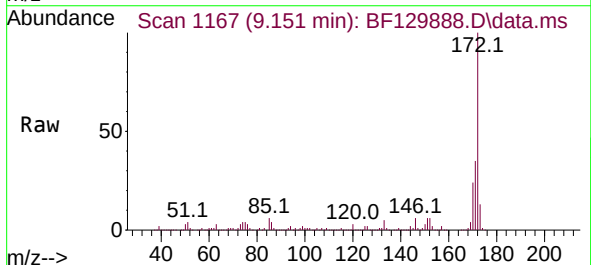
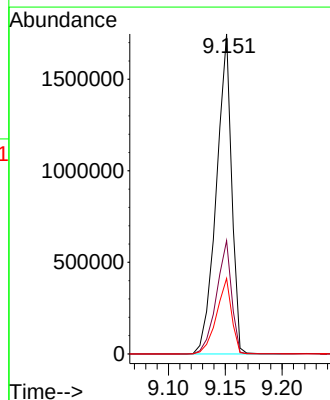
Tgt Ion:172 Resp: 1630273

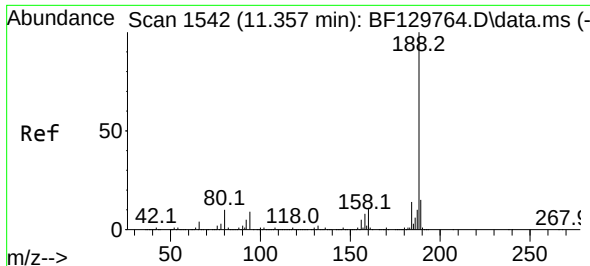
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.6 19.1 28.7

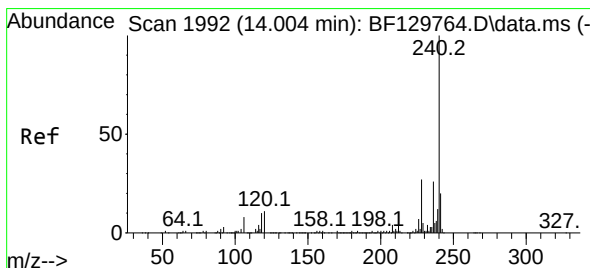
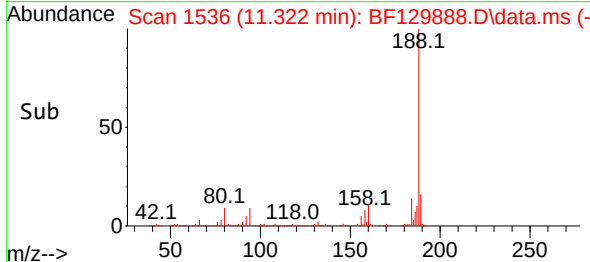
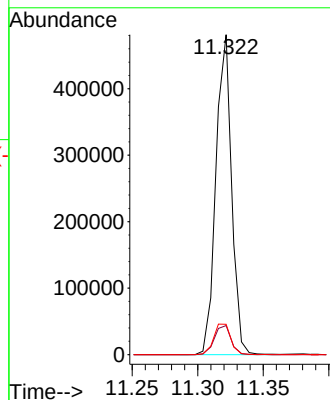
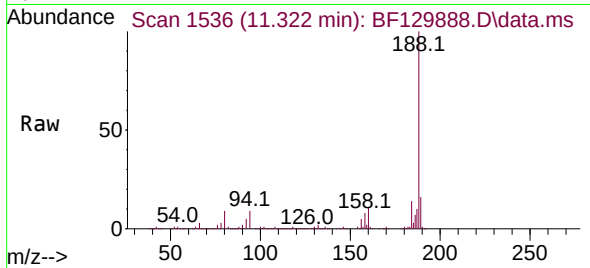




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129888.D
Acq: 18 Aug 2022 21:51

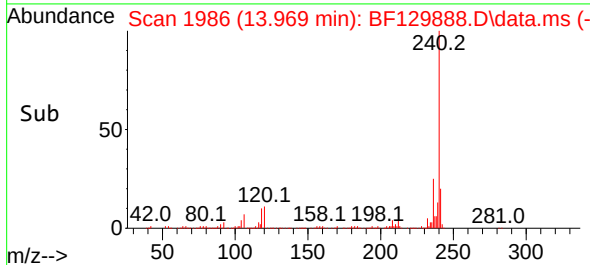
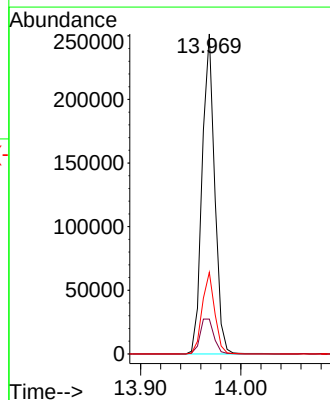
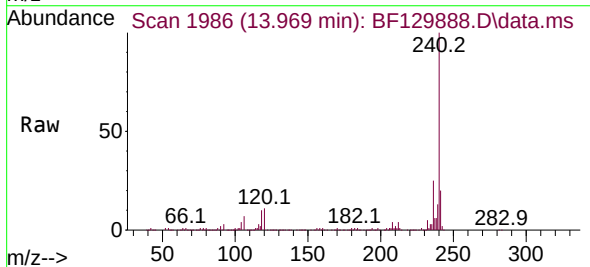
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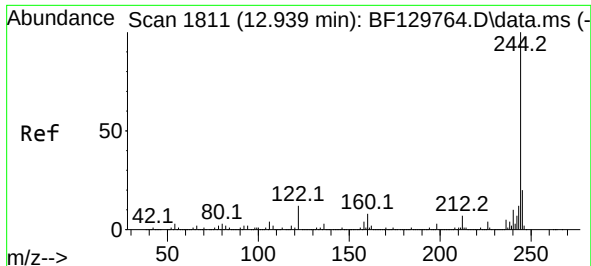
Tgt Ion:188 Resp: 400966
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BF129888.D
Acq: 18 Aug 2022 21:51

Tgt Ion:240 Resp: 217484
Ion Ratio Lower Upper
240 100
120 10.9 9.2 13.8
236 25.5 20.7 31.1

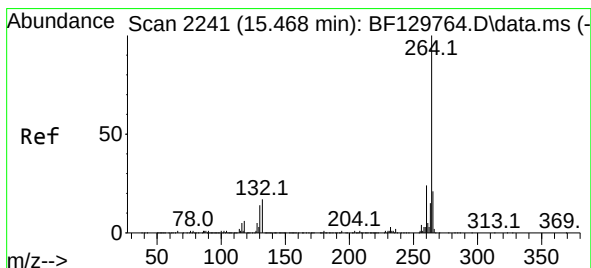
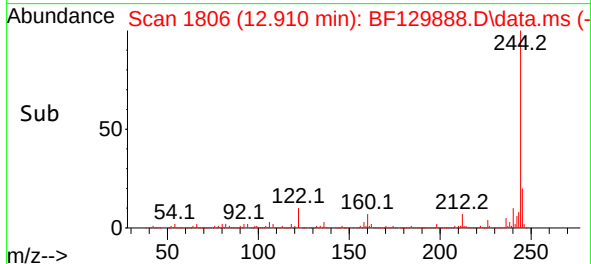
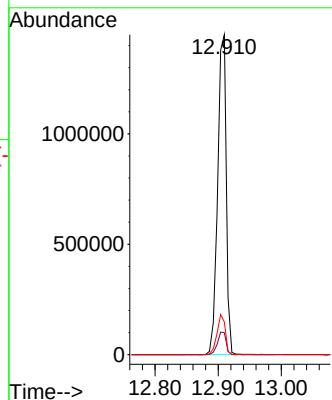
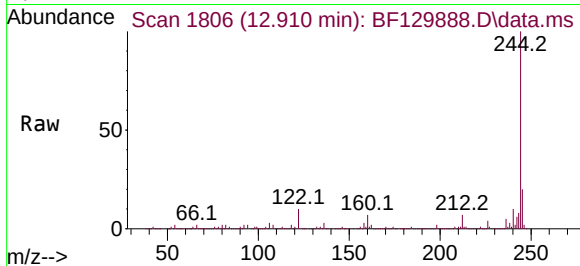




#79
Terphenyl-d14
Concen: 105.480 ng
RT: 12.910 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF129888.D
Acq: 18 Aug 2022 21:51

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 1378674
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 10.2 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2234
Delta R.T. 0.000 min
Lab File: BF129888.D
Acq: 18 Aug 2022 21:51

Tgt Ion:264 Resp: 250507
Ion Ratio Lower Upper
264 100
260 24.3 19.1 28.7
265 21.5 16.7 25.1

