

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129875.D
 Acq On : 18 Aug 2022 14:44
 Operator : CG\JU
 Sample : N4189-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB15

Quant Time: Aug 18 15:22:51 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	128482	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	516862	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	269162	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	408800	20.000	ng	0.00
76) Chrysene-d12	13.969	240	217022	20.000	ng	0.00
86) Perylene-d12	15.433	264	258268	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	587589	75.720	ng	0.00
7) Phenol-d6	6.446	99	735857	75.724	ng	0.00
23) Nitrobenzene-d5	7.357	82	460452	47.689	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	170794	63.223	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	892293	50.350	ng	0.00
79) Terphenyl-d14	12.904	244	668978	51.291	ng	0.00

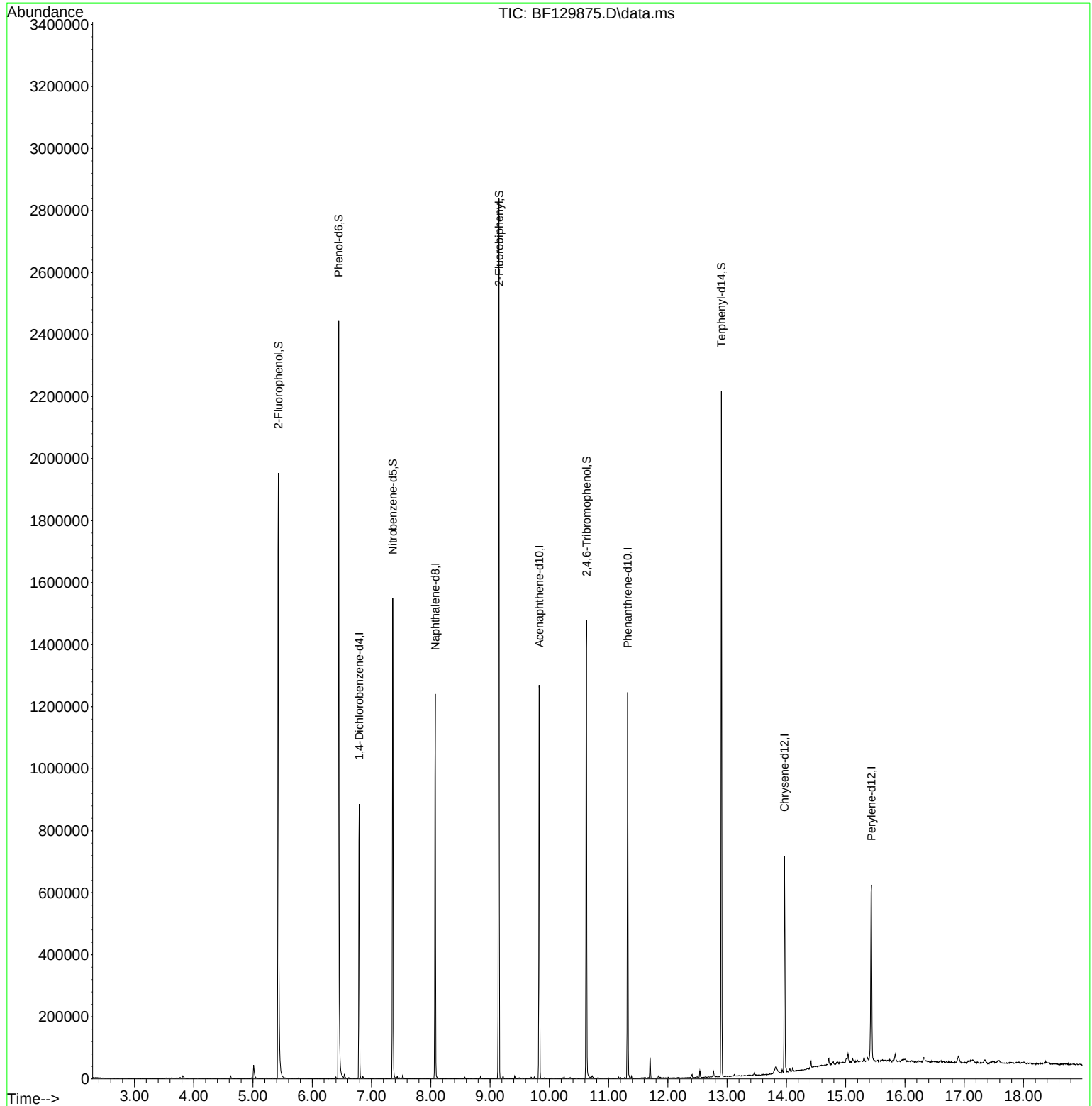
Target Compounds Qvalue

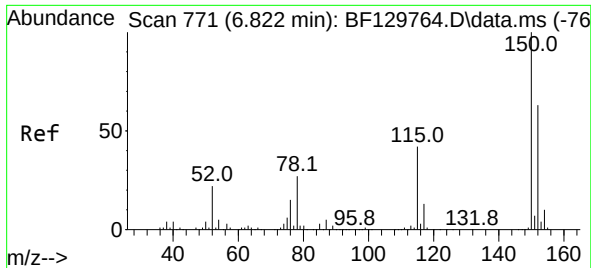
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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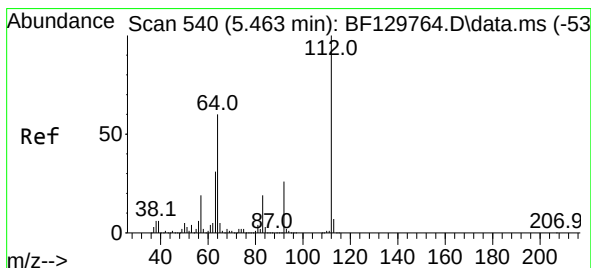
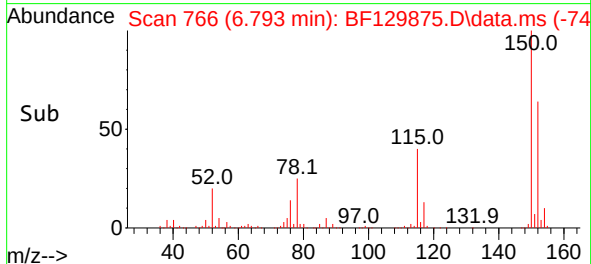
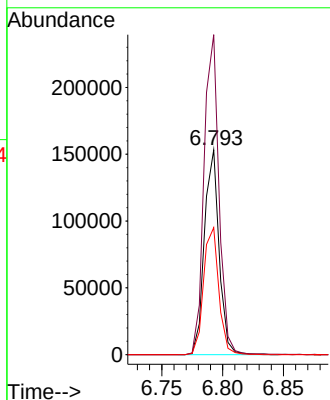
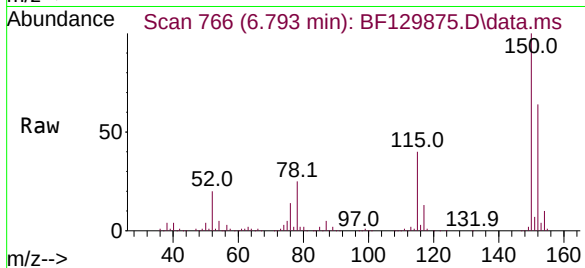




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 70
Delta R.T. 0.001 min
Lab File: BF129875.D
Acq: 18 Aug 2022 14:44

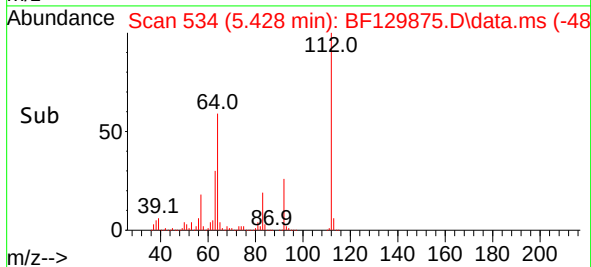
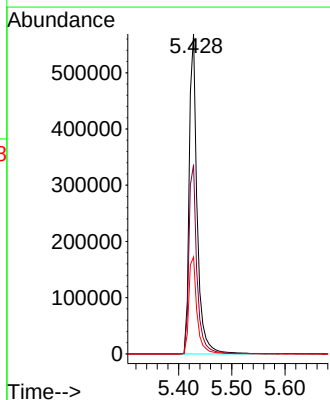
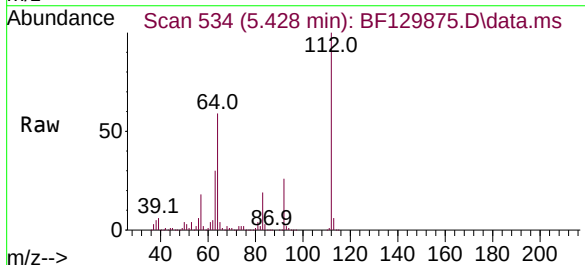
Instrument :
BNA_F
ClientSampleId :
SB15

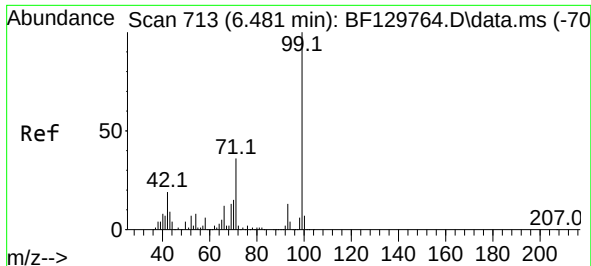
Tgt Ion:152 Resp: 128482
Ion Ratio Lower Upper
152 100
150 156.3 126.9 190.3
115 62.1 53.4 80.0



#5
2-Fluorophenol
Concen: 75.720 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.000 min
Lab File: BF129875.D
Acq: 18 Aug 2022 14:44

Tgt Ion:112 Resp: 587589
Ion Ratio Lower Upper
112 100
64 59.1 47.6 71.4
63 30.3 24.6 37.0

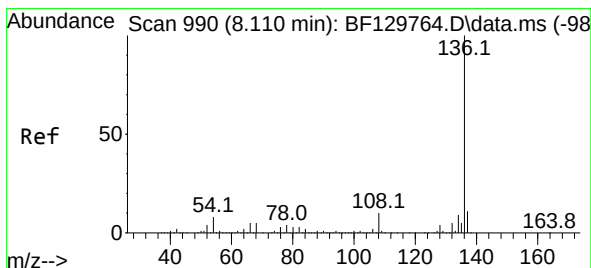
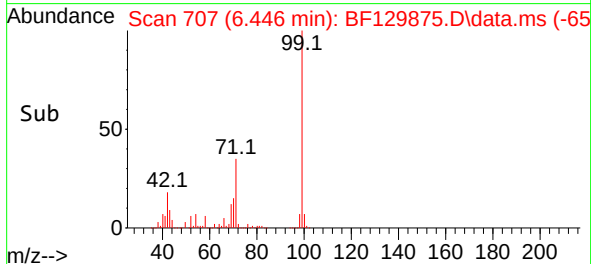
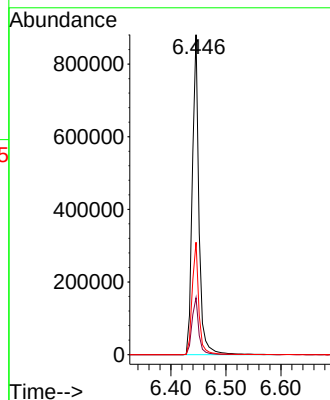
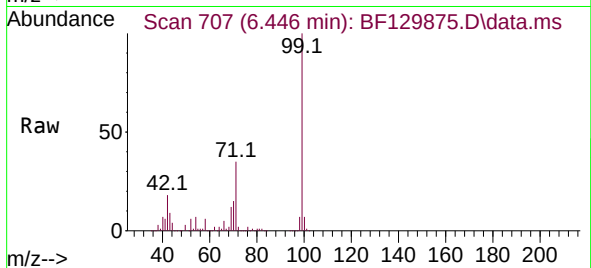




#7
Phenol-d6
Concen: 75.724 ng
RT: 6.446 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129875.D
Acq: 18 Aug 2022 14:44

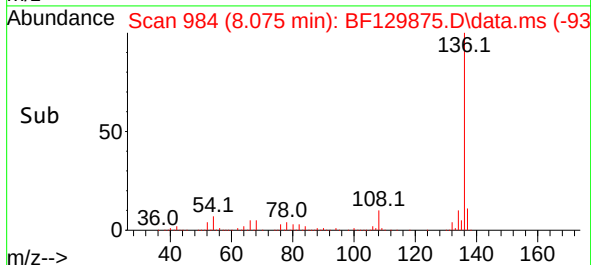
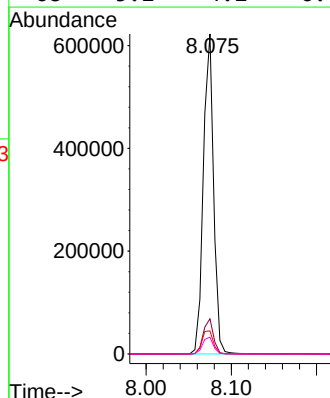
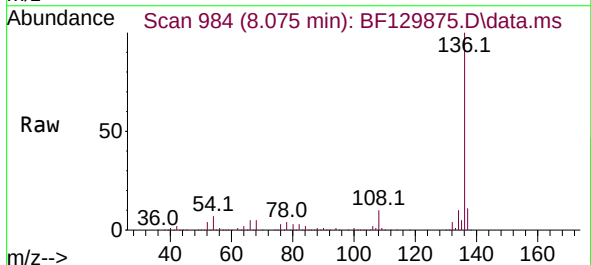
Instrument :
BNA_F
ClientSampleId :
SB15

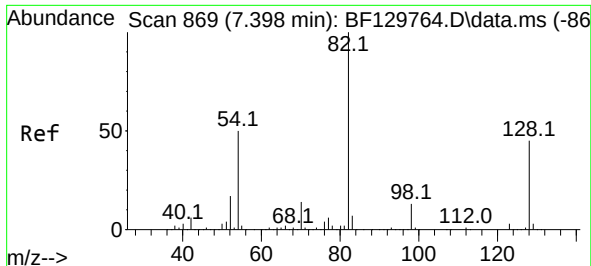
Tgt Ion: 99 Resp: 735857
Ion Ratio Lower Upper
99 100
42 17.8 15.0 22.4
71 35.2 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129875.D
Acq: 18 Aug 2022 14:44

Tgt Ion: 136 Resp: 516862
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.2 6.2 9.2
68 5.2 4.2 6.4

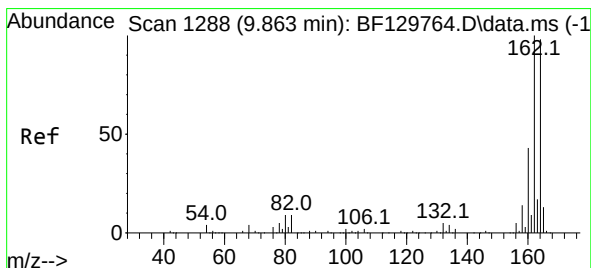
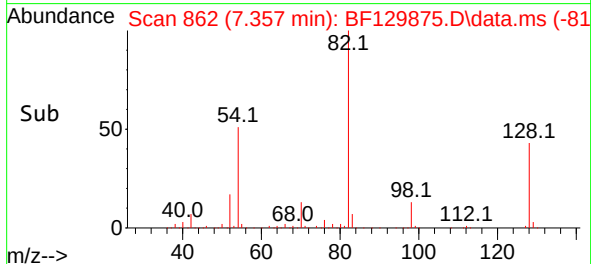
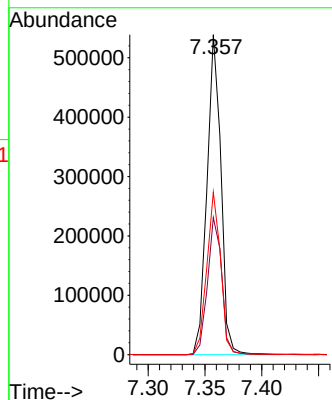
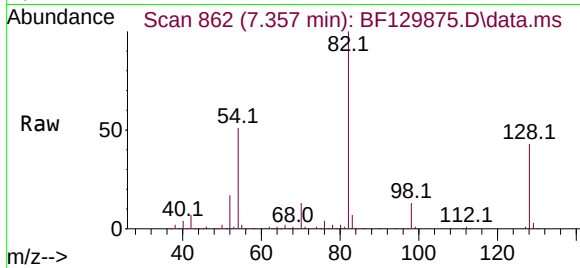




#23
 Nitrobenzene-d5
 Concen: 47.689 ng
 RT: 7.357 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BF129875.D
 Acq: 18 Aug 2022 14:44

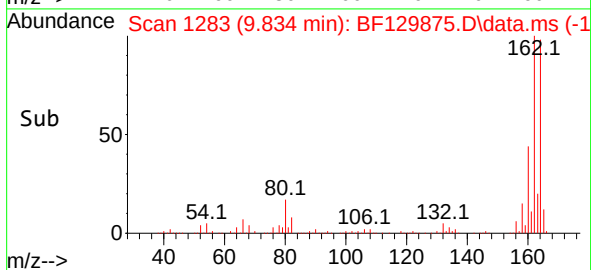
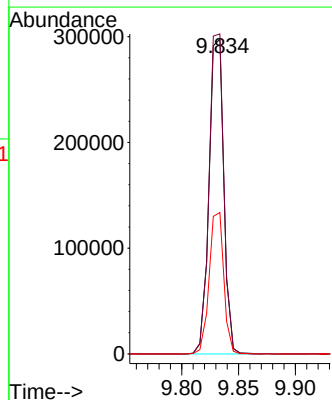
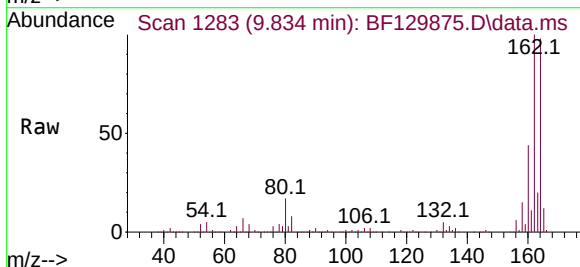
Instrument :
 BNA_F
 ClientSampleId :
 SB15

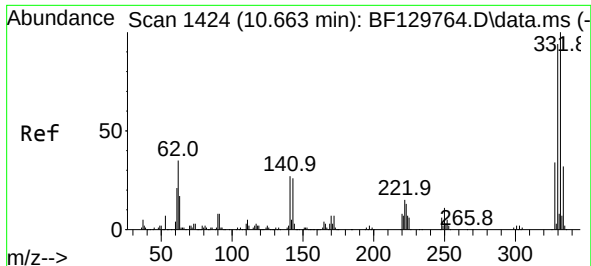
Tgt Ion: 82 Resp: 460452
 Ion Ratio Lower Upper
 82 100
 128 42.8 36.1 54.1
 54 50.8 40.0 60.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.834 min Scan# 1283
 Delta R.T. 0.000 min
 Lab File: BF129875.D
 Acq: 18 Aug 2022 14:44

Tgt Ion:164 Resp: 269162
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.0 123.0
 160 45.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 63.223 ng

RT: 10.628 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF129875.D

Acq: 18 Aug 2022 14:44

Instrument :

BNA_F

ClientSampleId :

SB15

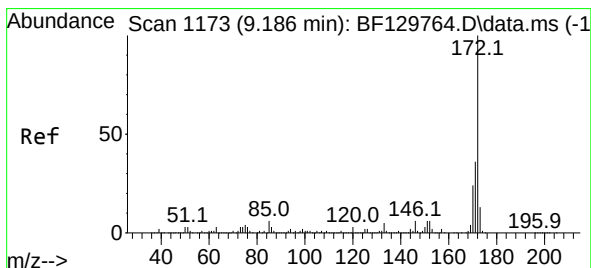
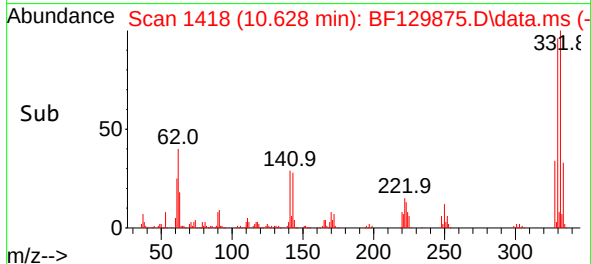
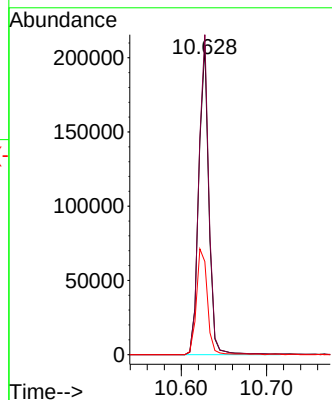
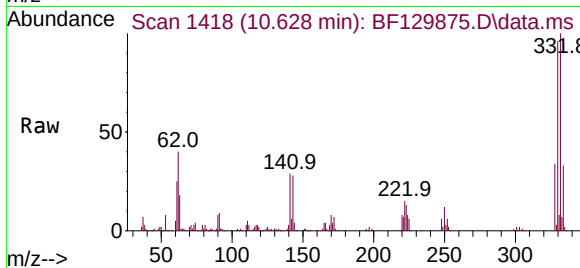
Tgt Ion:330 Resp: 170794

Ion Ratio Lower Upper

330 100

332 103.5 82.6 124.0

141 37.2 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 50.350 ng

RT: 9.151 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF129875.D

Acq: 18 Aug 2022 14:44

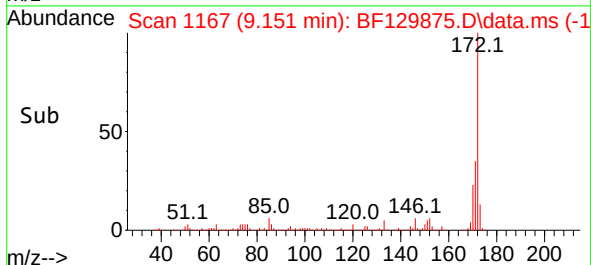
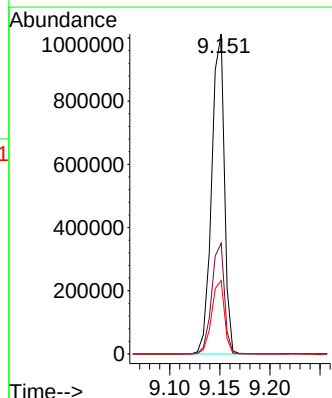
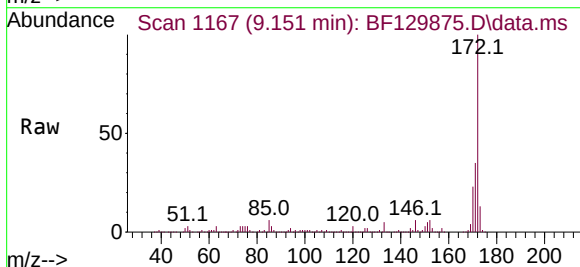
Tgt Ion:172 Resp: 892293

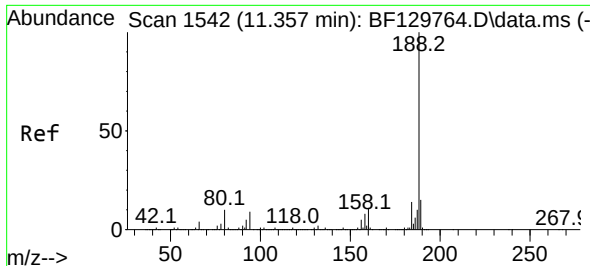
Ion Ratio Lower Upper

172 100

171 34.6 28.4 42.6

170 22.9 19.1 28.7

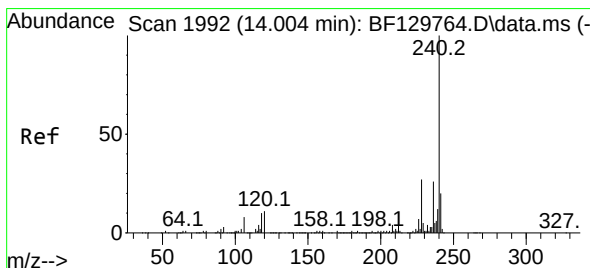
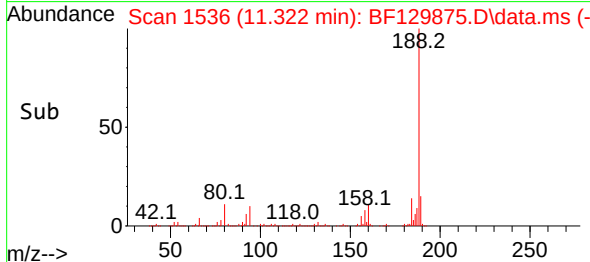
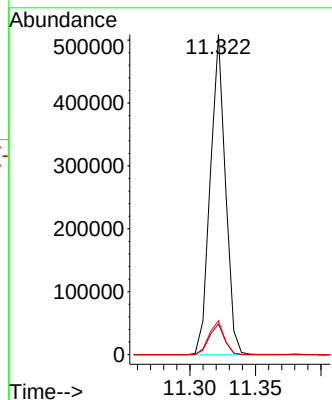
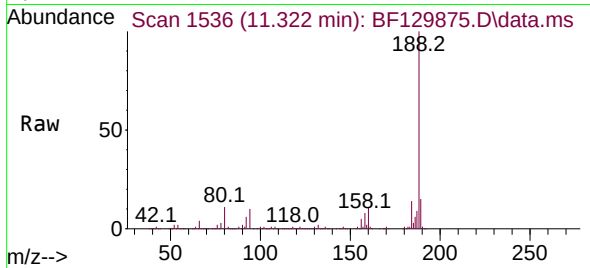




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129875.D
Acq: 18 Aug 2022 14:44

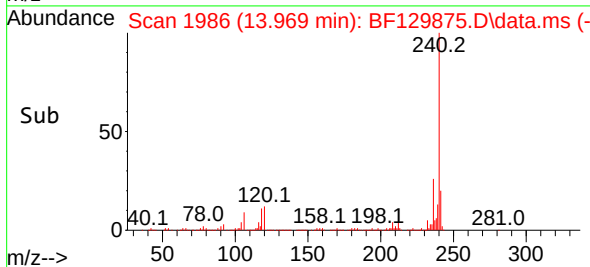
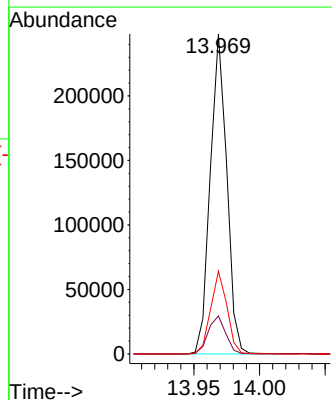
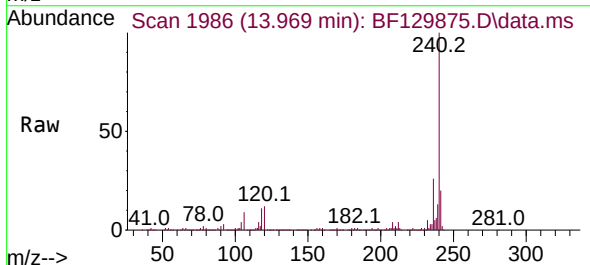
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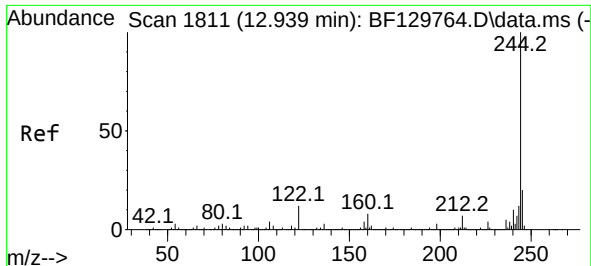
Tgt Ion:188 Resp: 408800
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BF129875.D
Acq: 18 Aug 2022 14:44

Tgt Ion:240 Resp: 217022
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 25.8 20.7 31.1

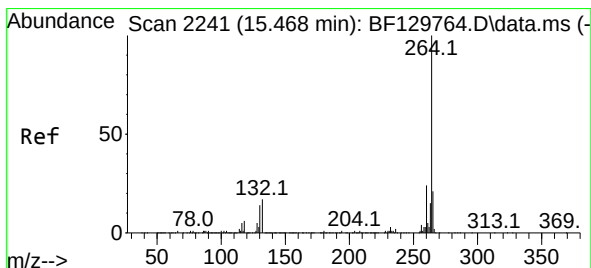
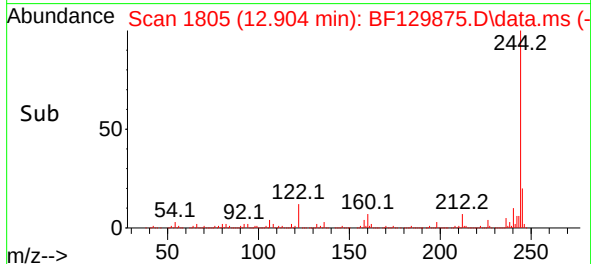
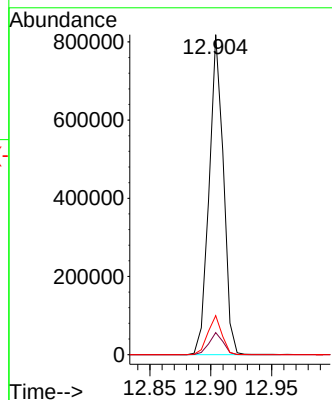
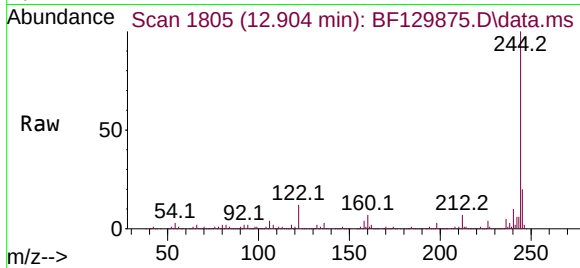




#79
 Terphenyl-d14
 Concen: 51.291 ng
 RT: 12.904 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF129875.D
 Acq: 18 Aug 2022 14:44

Instrument :
 BNA_F
 ClientSampleId :
 SB15

Tgt Ion:244 Resp: 668978
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 12.2 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2235
 Delta R.T. 0.006 min
 Lab File: BF129875.D
 Acq: 18 Aug 2022 14:44

Tgt Ion:264 Resp: 258268
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 21.7 16.7 25.1

