

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129902.D
 Acq On : 19 Aug 2022 09:43
 Operator : CG\JU
 Sample : PB146929BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146929BL

Quant Time: Aug 20 01:07:13 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	135864	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	542907	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	285163	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	498421	20.000	ng	0.00
76) Chrysene-d12	13.974	240	383943	20.000	ng	0.00
86) Perylene-d12	15.433	264	297838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1032312	125.802	ng	0.00
7) Phenol-d6	6.451	99	1275534	124.128	ng	0.00
23) Nitrobenzene-d5	7.363	82	813510	80.214	ng	0.00
42) 2,4,6-Tribromophenol	10.634	330	347010	121.246	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1513346	80.602	ng	0.00
79) Terphenyl-d14	12.910	244	1686369	73.084	ng	0.00

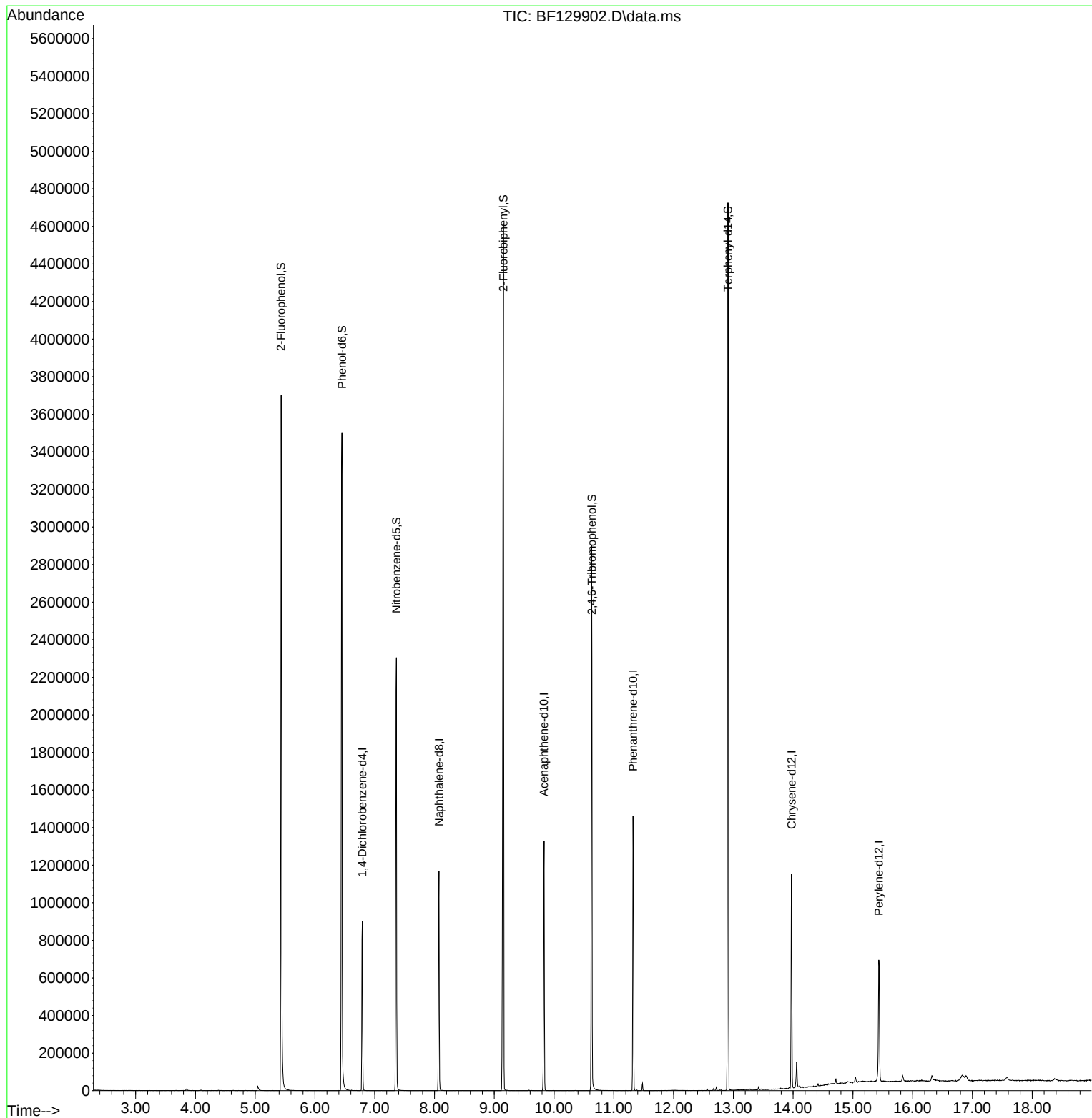
Target Compounds	Qvalue

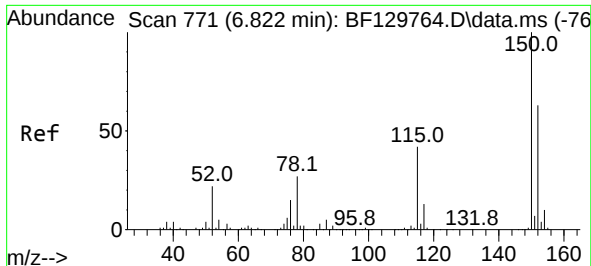
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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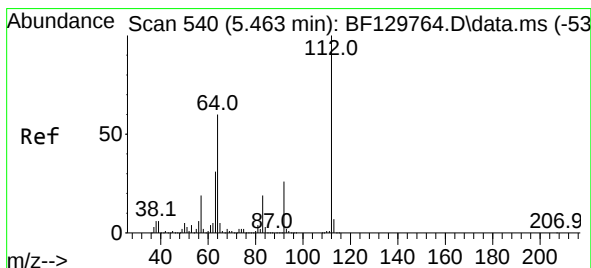
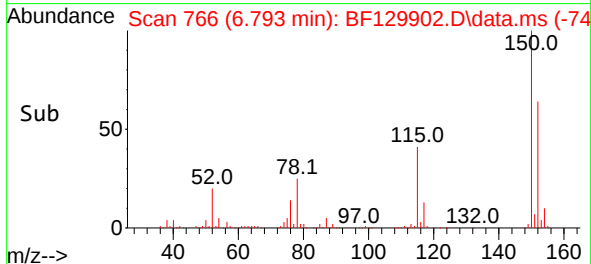
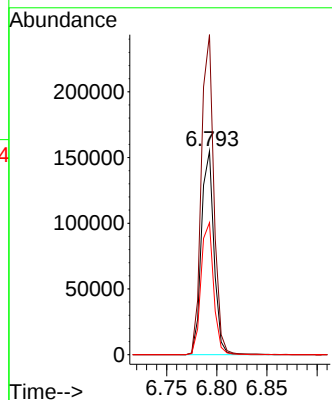
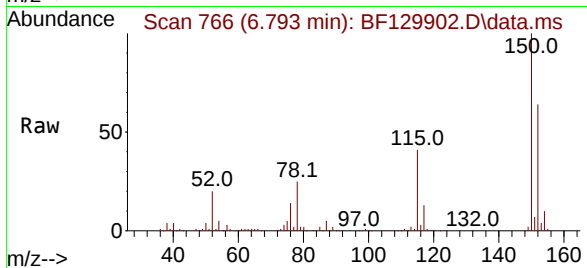




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF129902.D
Acq: 19 Aug 2022 09:43

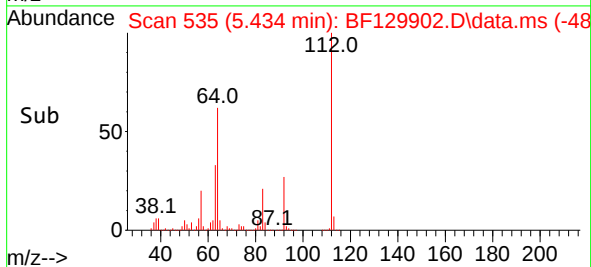
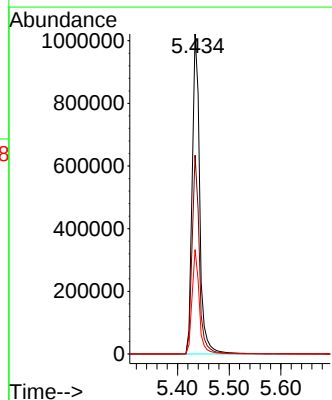
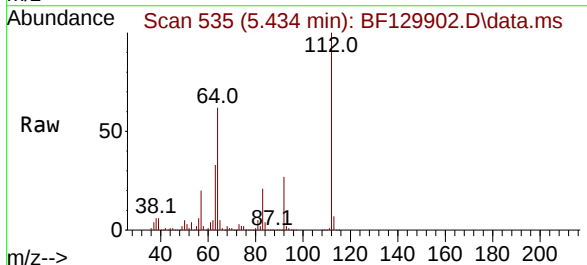
Instrument :
BNA_F
ClientSampleId :
PB146929BL

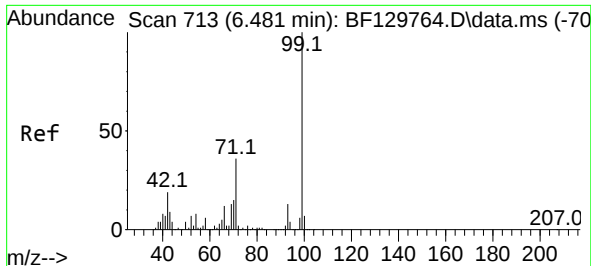
Tgt Ion:152 Resp: 135864
Ion Ratio Lower Upper
152 100
150 157.2 126.9 190.3
115 64.9 53.4 80.0



#5
2-Fluorophenol
Concen: 125.802 ng
RT: 5.434 min Scan# 535
Delta R.T. 0.006 min
Lab File: BF129902.D
Acq: 19 Aug 2022 09:43

Tgt Ion:112 Resp: 1032312
Ion Ratio Lower Upper
112 100
64 62.1 47.6 71.4
63 32.6 24.6 37.0

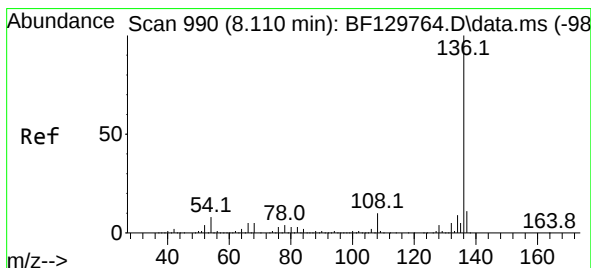
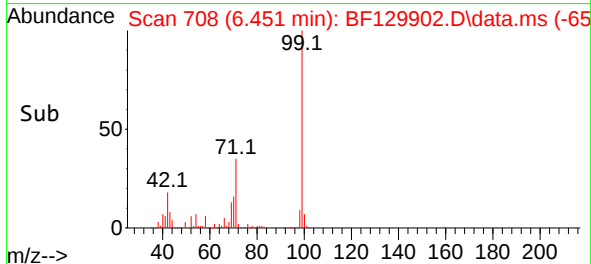
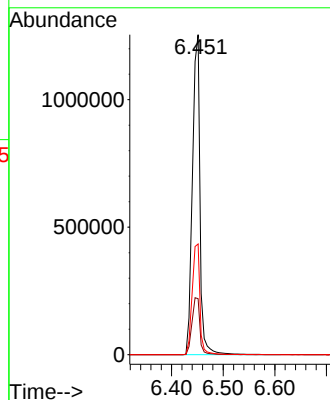
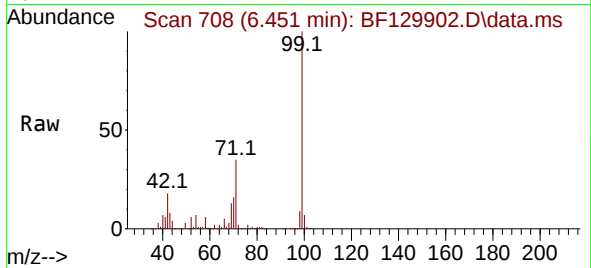




#7
Phenol-d6
Concen: 124.128 ng
RT: 6.451 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF129902.D
Acq: 19 Aug 2022 09:43

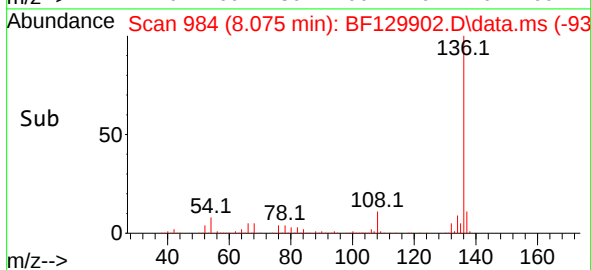
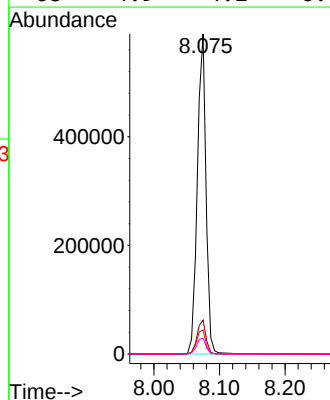
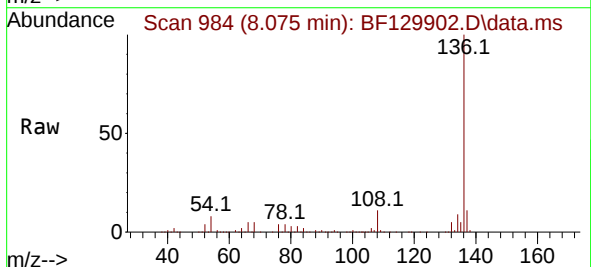
Instrument :
BNA_F
ClientSampleId :
PB146929BL

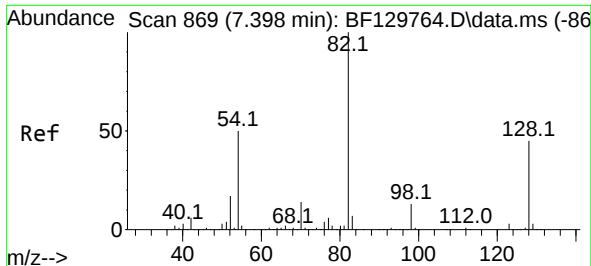
Tgt Ion: 99 Resp: 1275534
Ion Ratio Lower Upper
99 100
42 17.5 15.0 22.4
71 34.6 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129902.D
Acq: 19 Aug 2022 09:43

Tgt Ion: 136 Resp: 542907
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.5 6.2 9.2
68 4.9 4.2 6.4

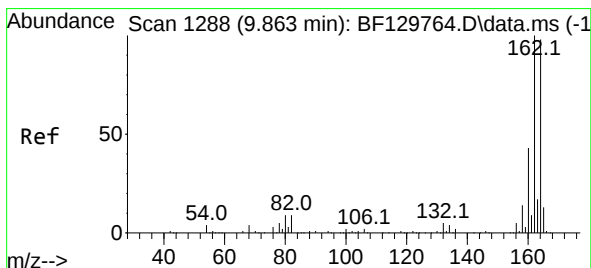
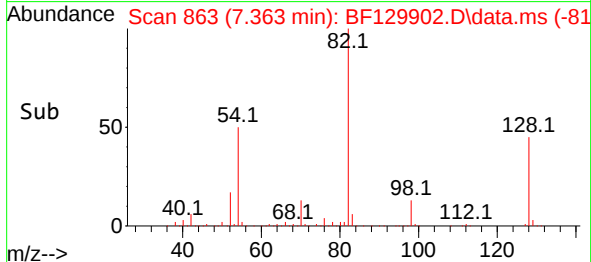
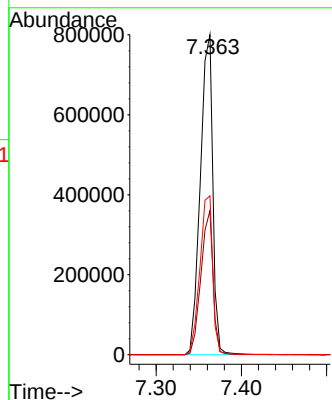
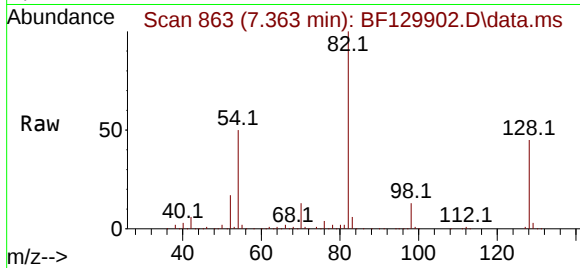




#23
Nitrobenzene-d5
Concen: 80.214 ng
RT: 7.363 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129902.D
Acq: 19 Aug 2022 09:43

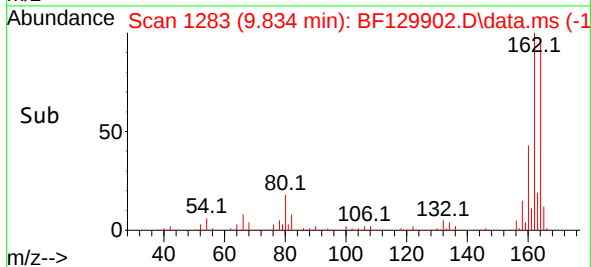
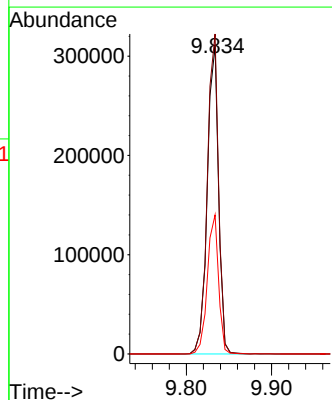
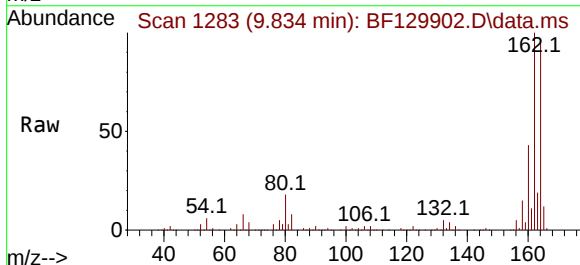
Instrument :
BNA_F
ClientSampleId :
PB146929BL

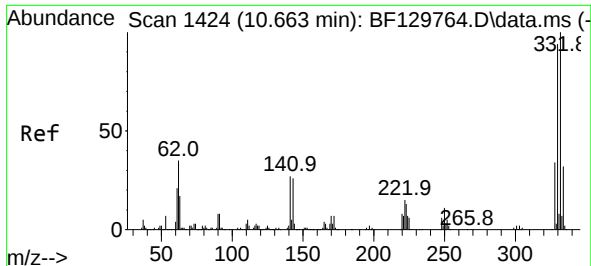
Tgt Ion: 82 Resp: 813510
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 49.7 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF129902.D
Acq: 19 Aug 2022 09:43

Tgt Ion:164 Resp: 285163
Ion Ratio Lower Upper
164 100
162 103.9 82.0 123.0
160 45.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 121.246 ng

RT: 10.634 min Scan# 1424

Delta R.T. 0.006 min

Lab File: BF129902.D

Acq: 19 Aug 2022 09:43

Instrument :

BNA_F

ClientSampleId :

PB146929BL

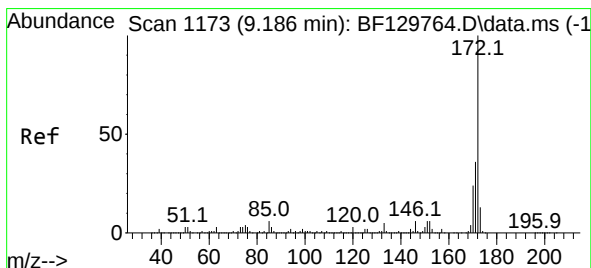
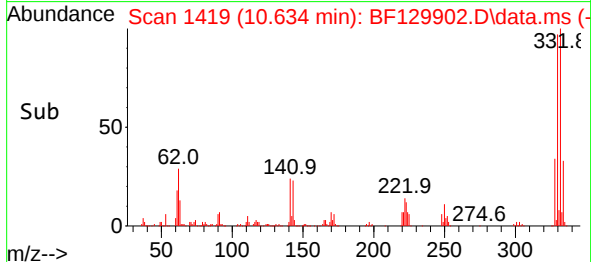
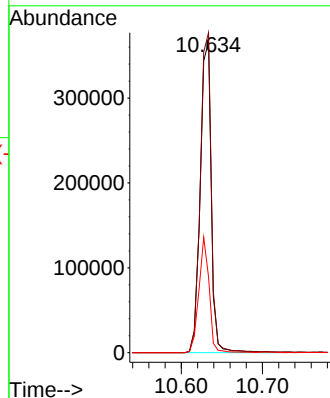
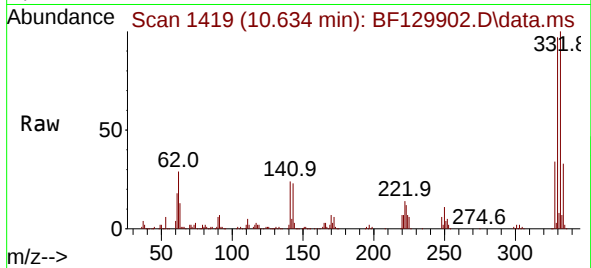
Tgt Ion:330 Resp: 347010

Ion Ratio Lower Upper

330 100

332 103.4 82.6 124.0

141 34.8 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 80.602 ng

RT: 9.151 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF129902.D

Acq: 19 Aug 2022 09:43

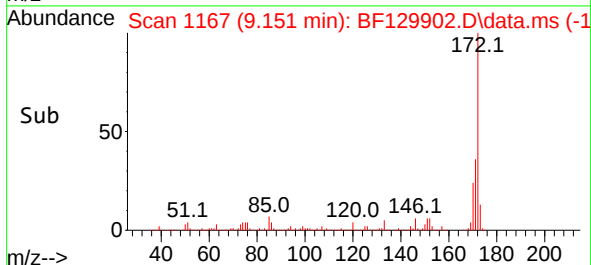
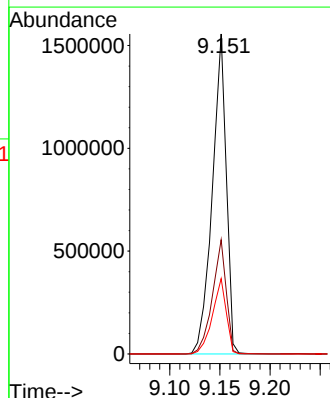
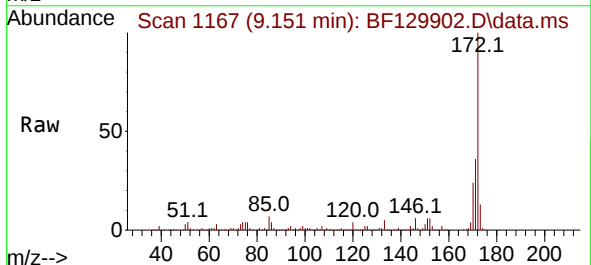
Tgt Ion:172 Resp: 1513346

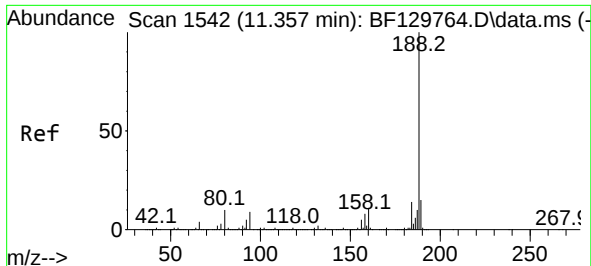
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.6 19.1 28.7

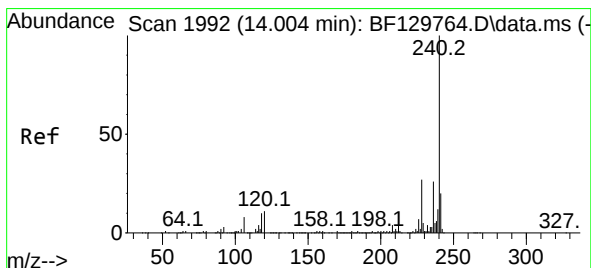
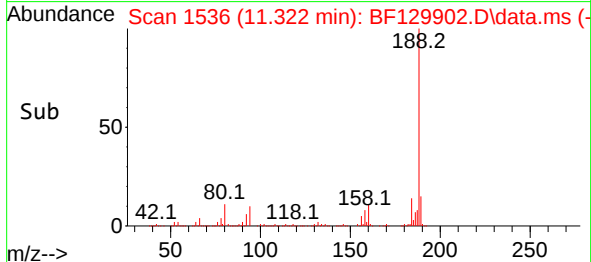
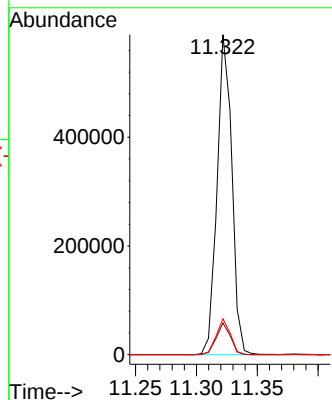
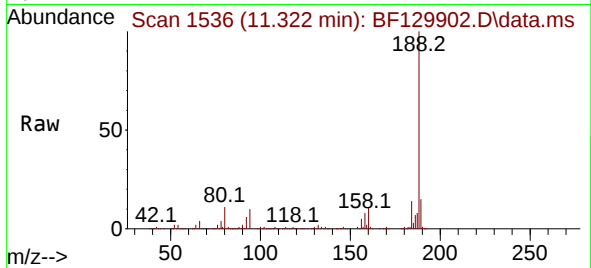




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129902.D
Acq: 19 Aug 2022 09:43

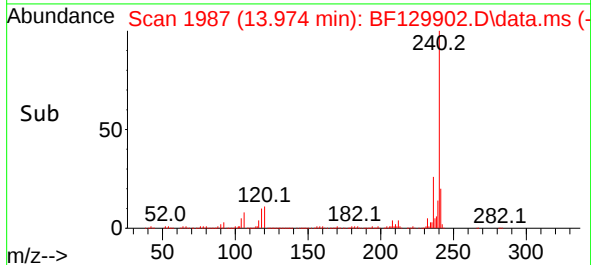
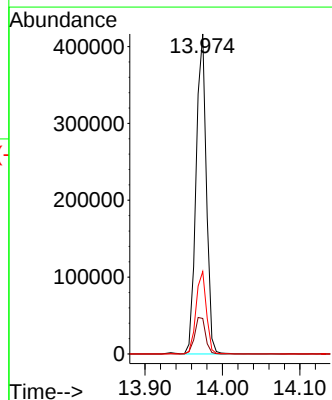
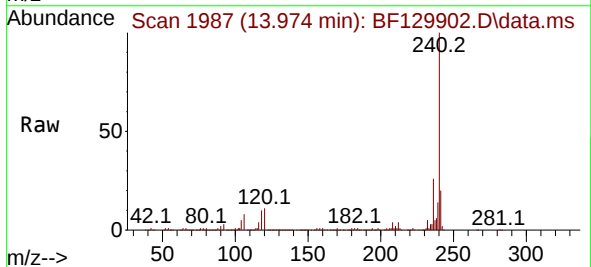
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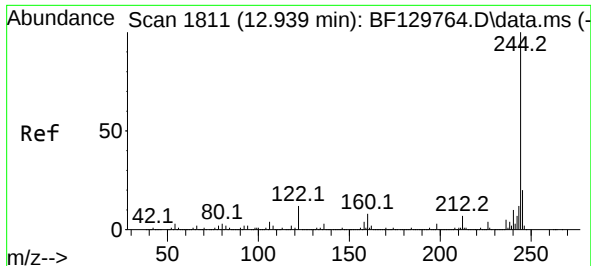
Tgt Ion:188 Resp: 498421
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 11.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BF129902.D
Acq: 19 Aug 2022 09:43

Tgt Ion:240 Resp: 383943
Ion Ratio Lower Upper
240 100
120 11.1 9.2 13.8
236 25.7 20.7 31.1

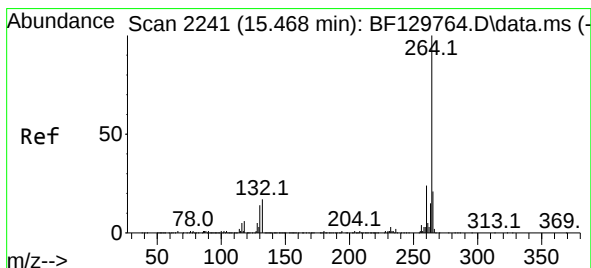
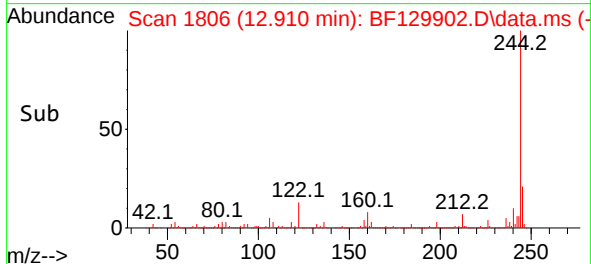
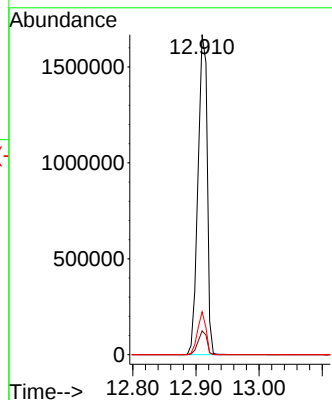
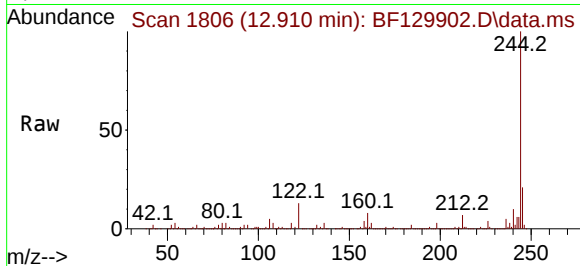




#79
 Terphenyl-d14
 Concen: 73.084 ng
 RT: 12.910 min Scan# 1806
 Delta R.T. 0.000 min
 Lab File: BF129902.D
 Acq: 19 Aug 2022 09:43

Instrument :
 BNA_F
 ClientSampleId :
 PB146929BL

Tgt Ion:244 Resp: 1686369
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 13.4 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: BF129902.D
 Acq: 19 Aug 2022 09:43

Tgt Ion:264 Resp: 297838
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.2 16.7 25.1

