

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
 Data File : BF129958.D
 Acq On : 23 Aug 2022 17:48
 Operator : CG\JU
 Sample : N4120-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLDG-19C

Quant Time: Aug 24 01:56:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	144663	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	588037	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	312830	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	505589	20.000	ng	0.00
76) Chrysene-d12	13.951	240	288027	20.000	ng	0.00
86) Perylene-d12	15.404	264	246742	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1086954	124.404	ng	0.02
7) Phenol-d6	6.440	99	1294777	118.336	ng	0.00
23) Nitrobenzene-d5	7.345	82	967099	88.040	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	453317	144.381	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1816777	88.205	ng	0.00
79) Terphenyl-d14	12.892	244	1784516	103.092	ng	0.00

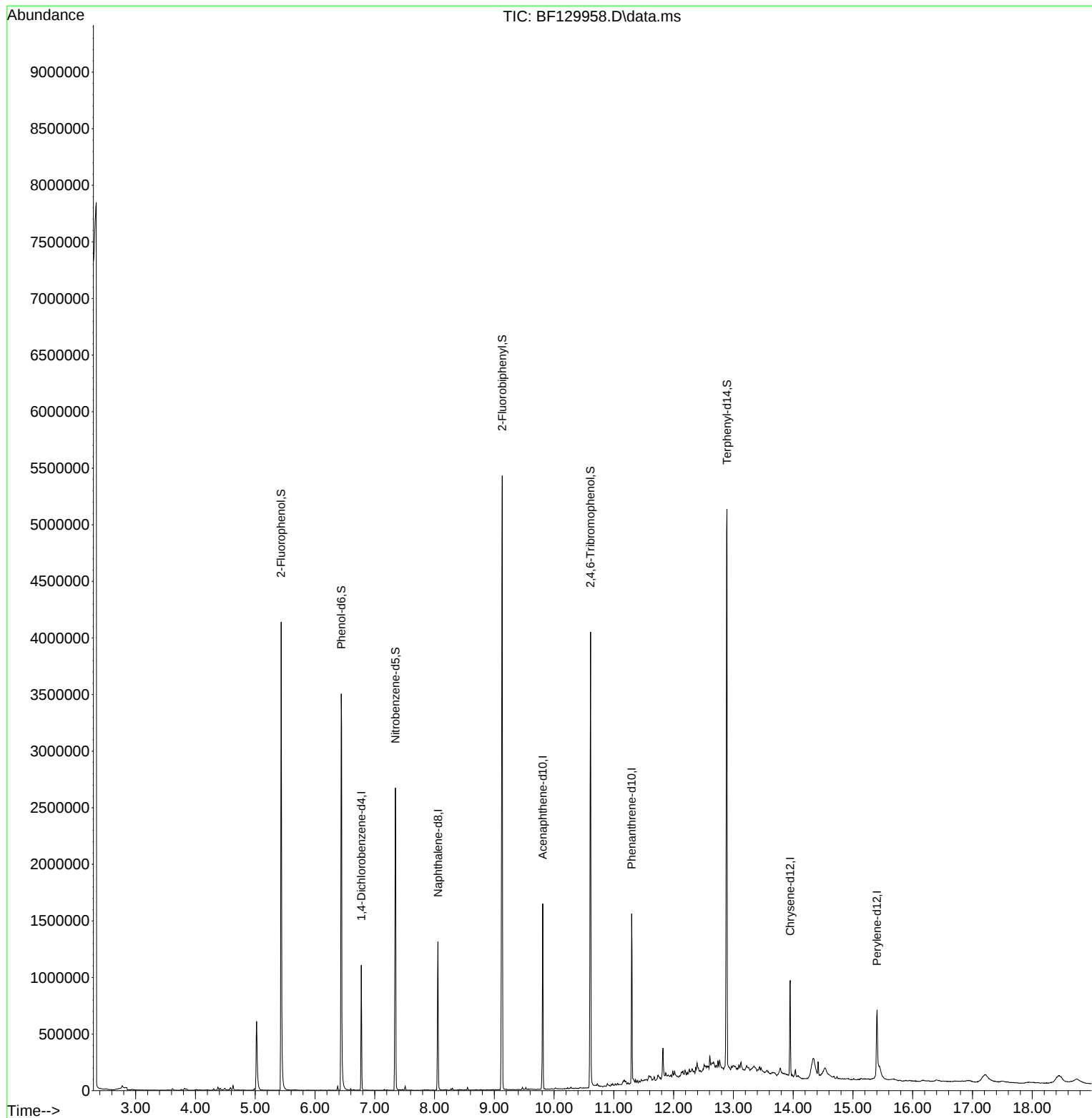
Target Compounds	Qvalue

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

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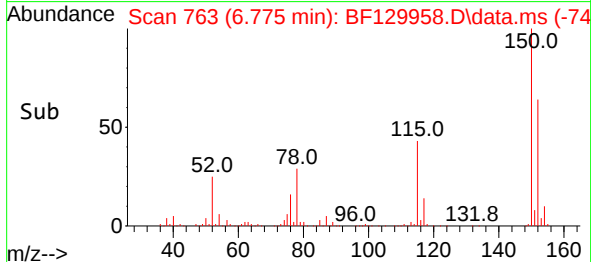
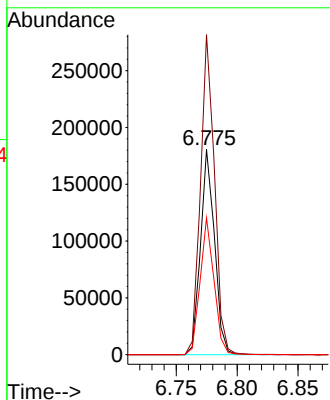
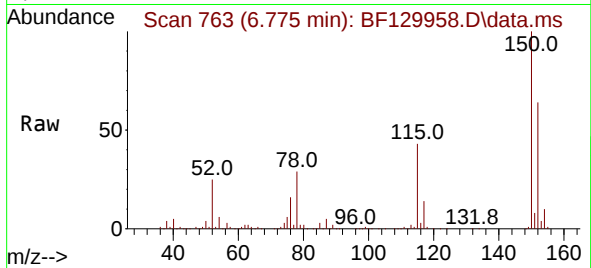




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129958.D
Acq: 23 Aug 2022 17:48

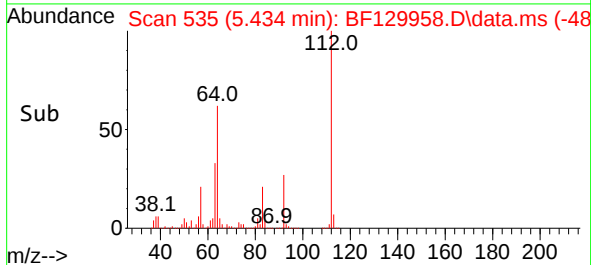
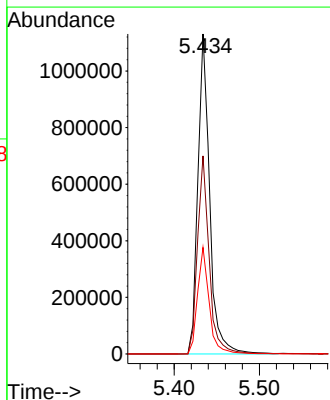
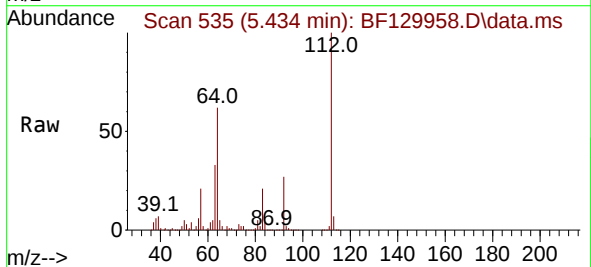
Instrument :
BNA_F
ClientSampleId :
BLDG-19C

Tgt Ion:152 Resp: 144663
Ion Ratio Lower Upper
152 100
150 155.9 126.9 190.3
115 66.7 53.4 80.0



#5
2-Fluorophenol
Concen: 124.404 ng
RT: 5.434 min Scan# 535
Delta R.T. 0.024 min
Lab File: BF129958.D
Acq: 23 Aug 2022 17:48

Tgt Ion:112 Resp: 1086954
Ion Ratio Lower Upper
112 100
64 61.9 47.6 71.4
63 33.3 24.6 37.0

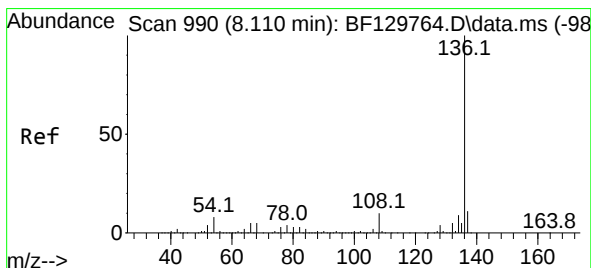
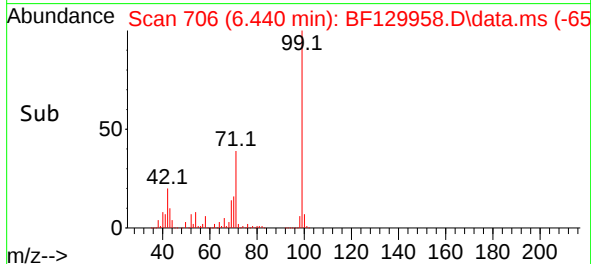
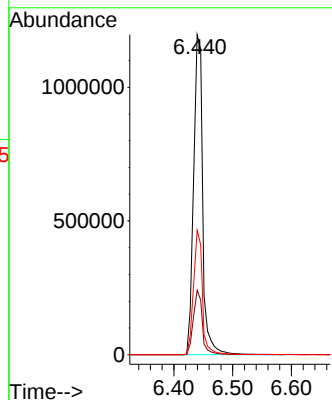
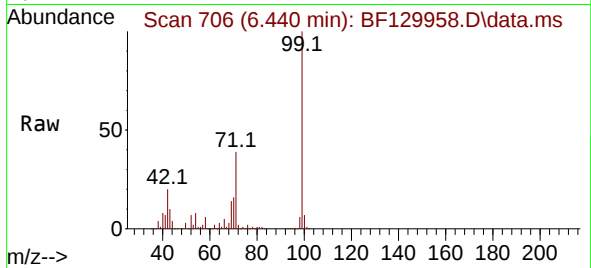




#7
Phenol-d6
Concen: 118.336 ng
RT: 6.440 min Scan# 713
Delta R.T. 0.006 min
Lab File: BF129958.D
Acq: 23 Aug 2022 17:48

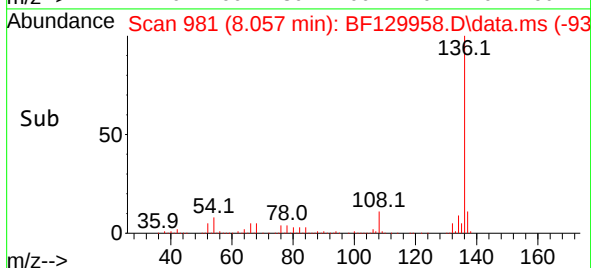
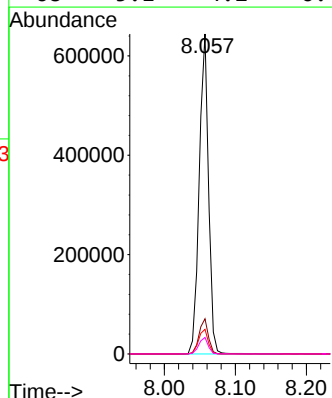
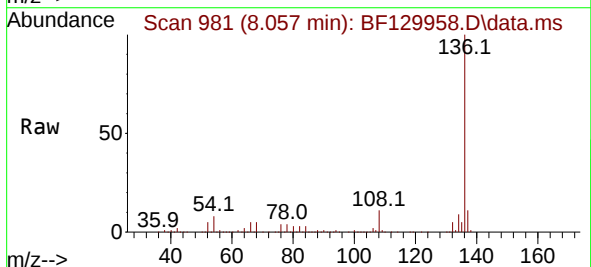
Instrument :
BNA_F
ClientSampleId :
BLDG-19C

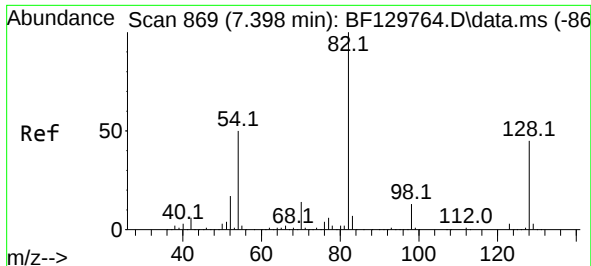
Tgt Ion: 99 Resp: 1294777
Ion Ratio Lower Upper
99 100
42 20.1 15.0 22.4
71 38.8 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF129958.D
Acq: 23 Aug 2022 17:48

Tgt Ion: 136 Resp: 588037
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.7 6.2 9.2
68 5.1 4.2 6.4





#23

Nitrobenzene-d5

Concen: 88.040 ng

RT: 7.345 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF129958.D

Acq: 23 Aug 2022 17:48

Instrument :

BNA_F

ClientSampleId :

BLDG-19C

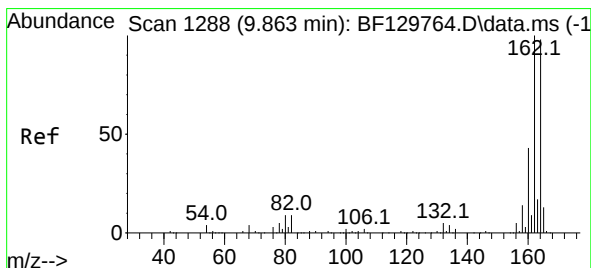
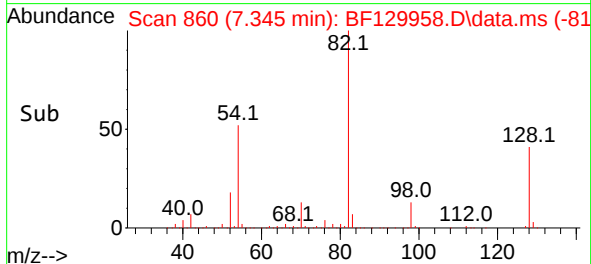
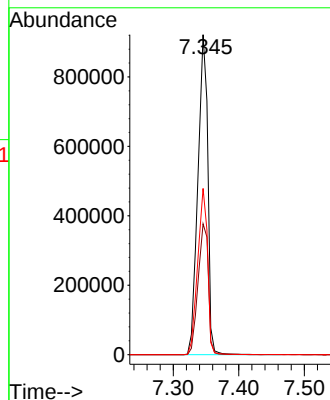
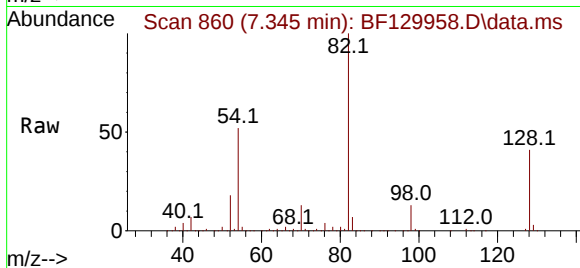
Tgt Ion: 82 Resp: 967099

Ion Ratio Lower Upper

82 100

128 40.9 36.1 54.1

54 51.9 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF129958.D

Acq: 23 Aug 2022 17:48

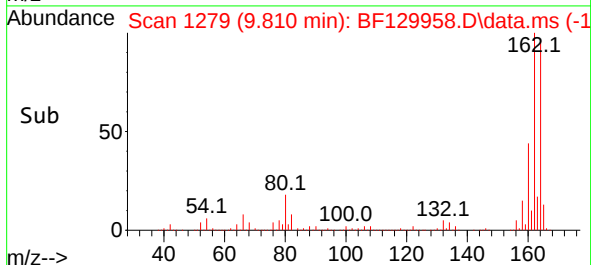
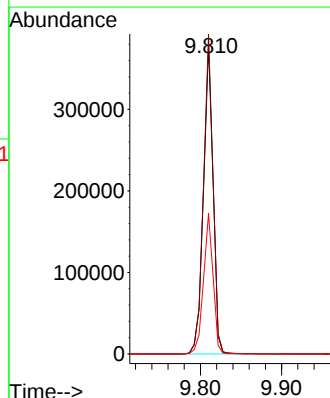
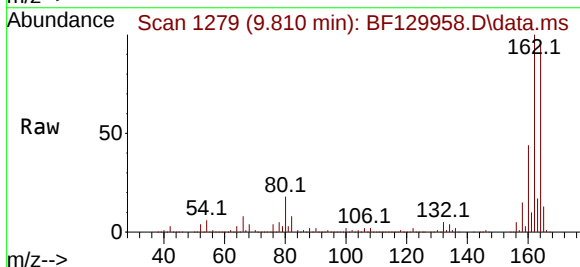
Tgt Ion:164 Resp: 312830

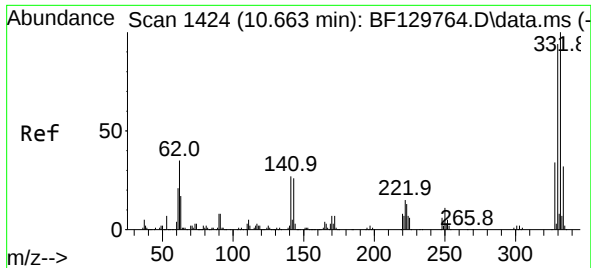
Ion Ratio Lower Upper

164 100

162 103.7 82.0 123.0

160 45.6 35.4 53.0

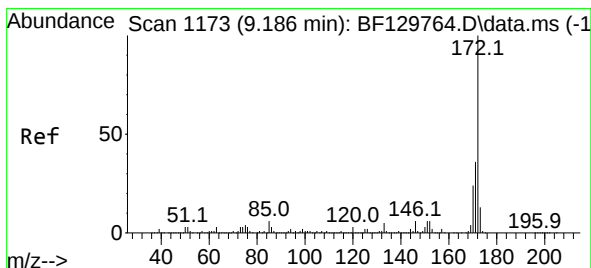
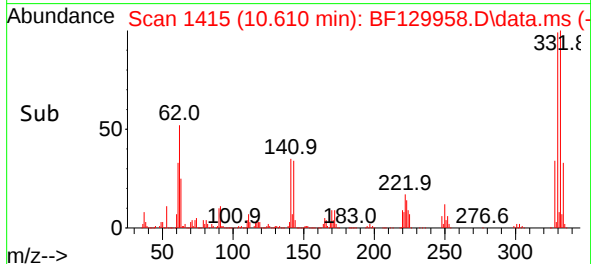
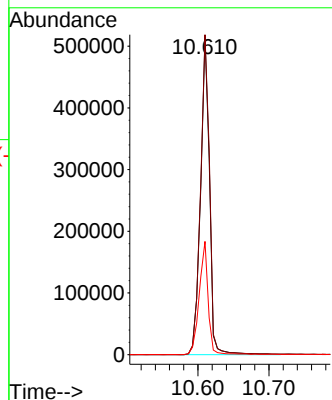
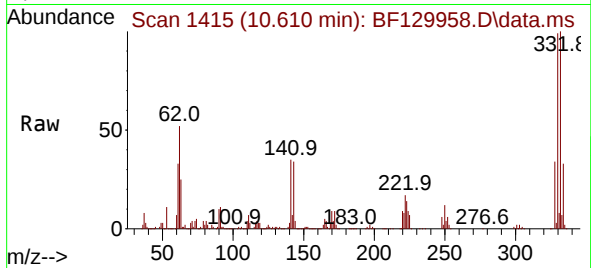




#42
2,4,6-Tribromophenol
Concen: 144.381 ng
RT: 10.610 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF129958.D
Acq: 23 Aug 2022 17:48

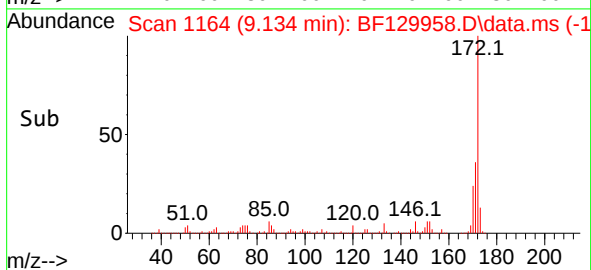
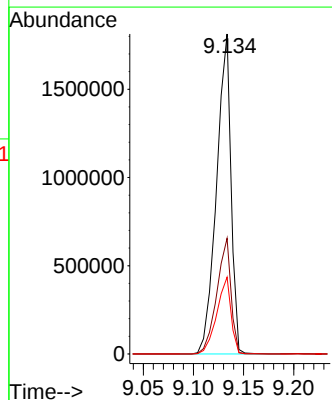
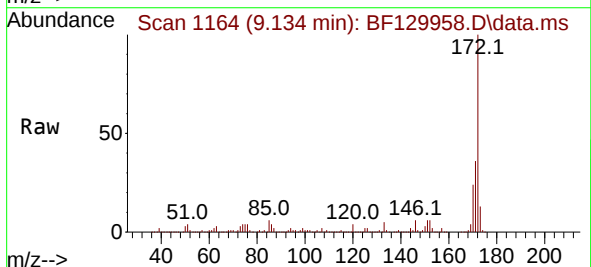
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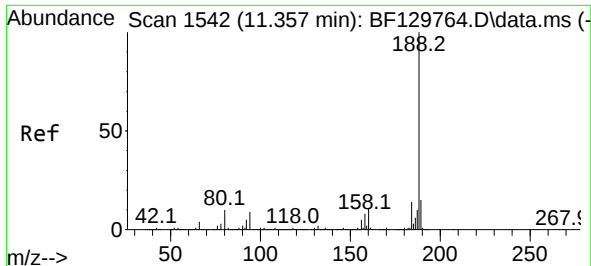
Tgt Ion:330 Resp: 453317
Ion Ratio Lower Upper
330 100
332 102.8 82.6 124.0
141 35.7 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 88.205 ng
RT: 9.134 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF129958.D
Acq: 23 Aug 2022 17:48

Tgt Ion:172 Resp: 1816777
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 24.0 19.1 28.7

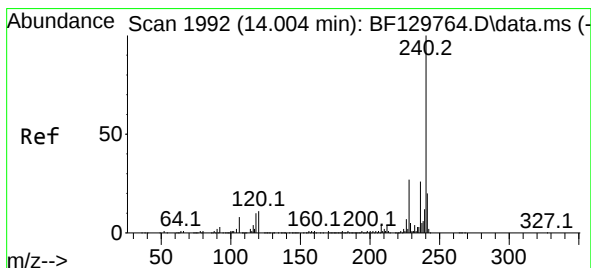
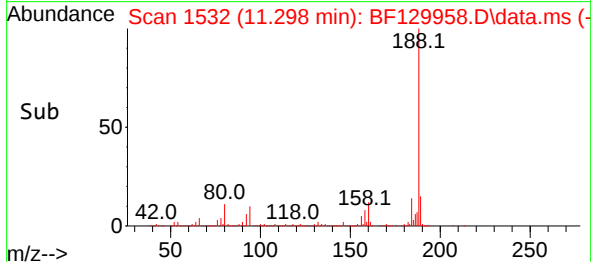
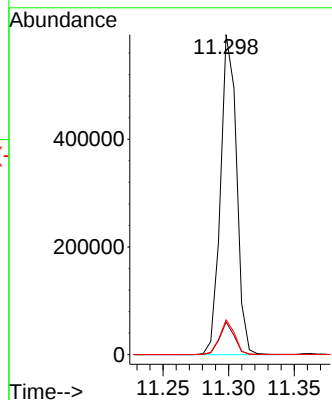
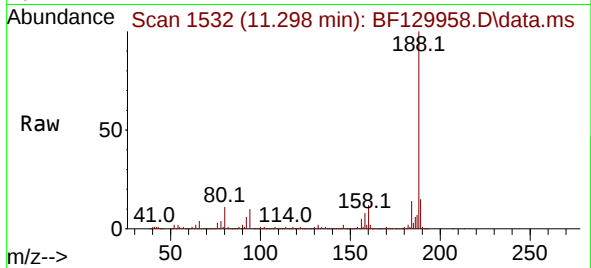




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129958.D
Acq: 23 Aug 2022 17:48

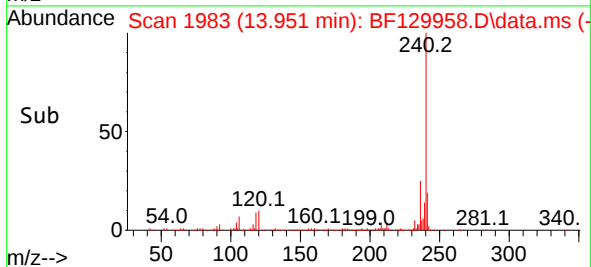
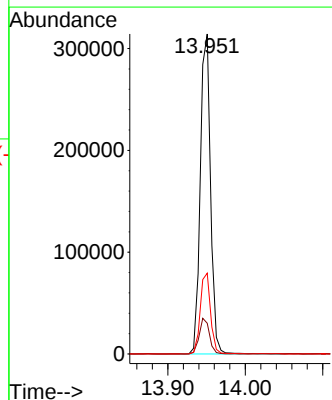
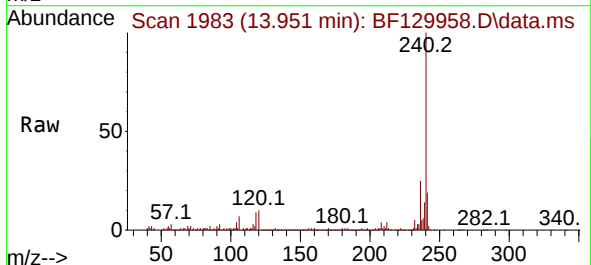
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BNA_F
ClientSampleId :
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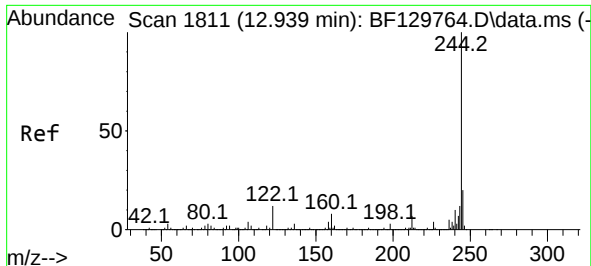
Tgt Ion:188 Resp: 505589
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 10.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BF129958.D
Acq: 23 Aug 2022 17:48

Tgt Ion:240 Resp: 288027
Ion Ratio Lower Upper
240 100
120 9.6 9.2 13.8
236 25.3 20.7 31.1

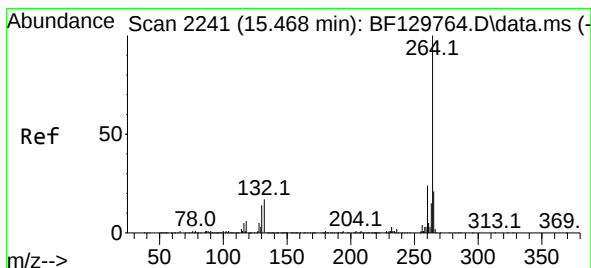
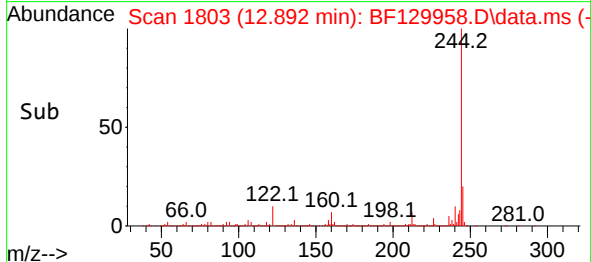
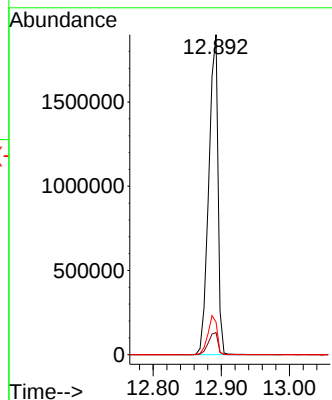
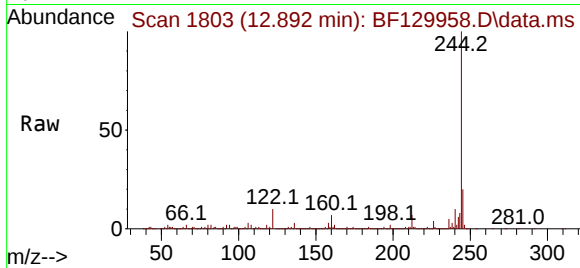




#79
 Terphenyl-d14
 Concen: 103.092 ng
 RT: 12.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF129958.D
 Acq: 23 Aug 2022 17:48

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1784516
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 10.2 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2230
 Delta R.T. 0.006 min
 Lab File: BF129958.D
 Acq: 23 Aug 2022 17:48

Tgt Ion:264 Resp: 246742
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.8 16.7 25.1

