

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129987.D
 Acq On : 24 Aug 2022 23:53
 Operator : CG\JU
 Sample : N4262-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101D

Quant Time: Aug 25 04:17:49 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 25 04:08:38 2022
 Response via : Initial Calibration

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

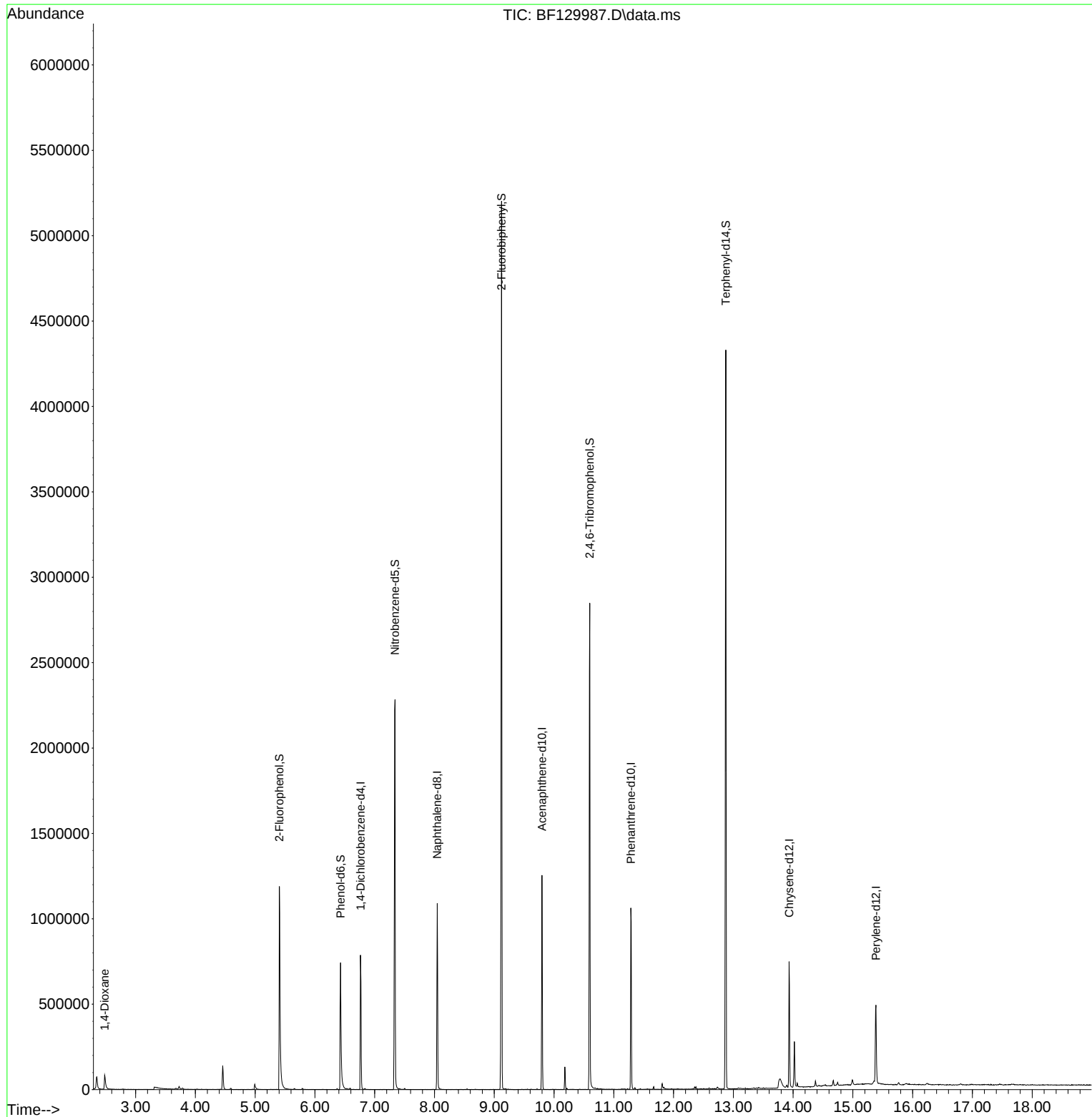
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	110210	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	448113	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	232110	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	386918	20.000	ng	0.00
76) Chrysene-d12	13.933	240	239698	20.000	ng	0.00
86) Perylene-d12	15.386	264	210208	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	385414	57.901	ng	0.00
7) Phenol-d6	6.428	99	282510	33.892	ng	0.00
23) Nitrobenzene-d5	7.339	82	787765	94.107	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	319751	137.257	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1429626	93.547	ng	0.00
79) Terphenyl-d14	12.874	244	1392366	96.655	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.481	88	43333	15.779	ng	Qvalue 93

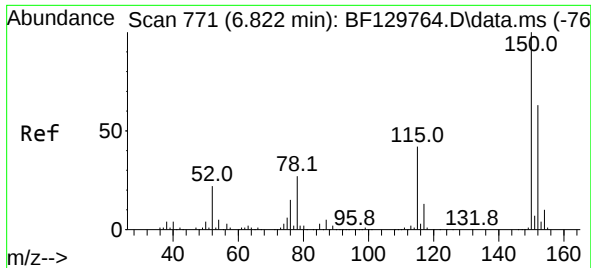
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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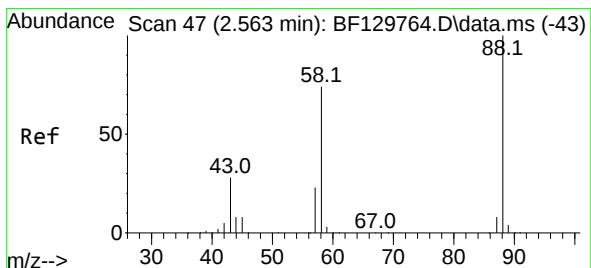
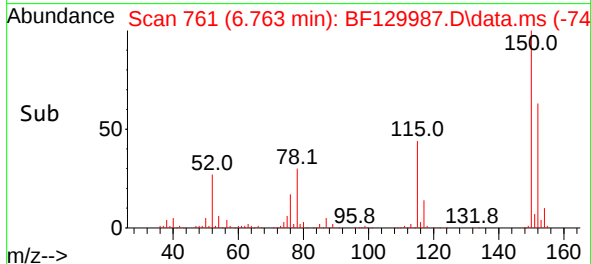
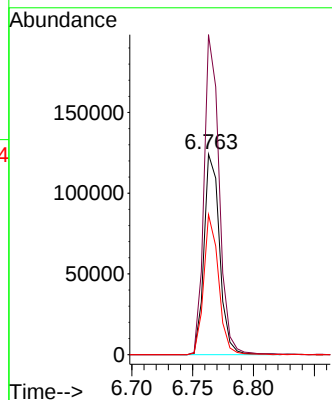
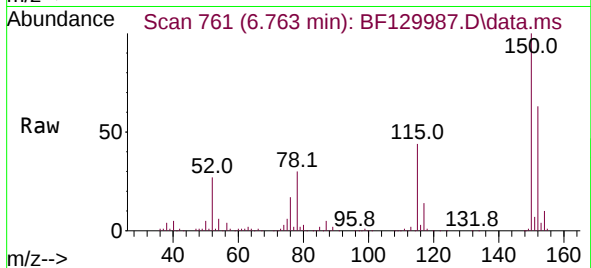




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129987.D
Acq: 24 Aug 2022 23:53

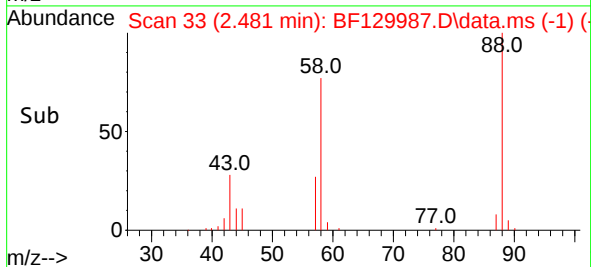
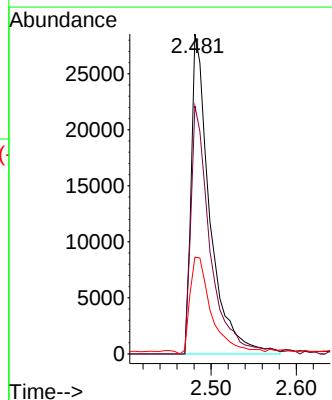
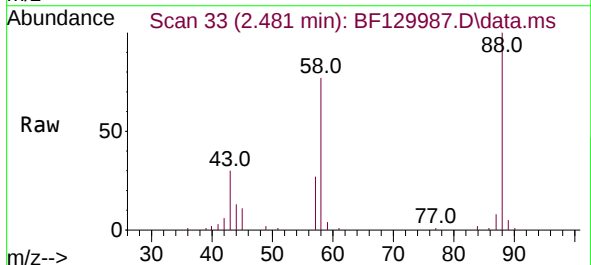
Instrument :
BNA_F
ClientSampleId :
MW-101D

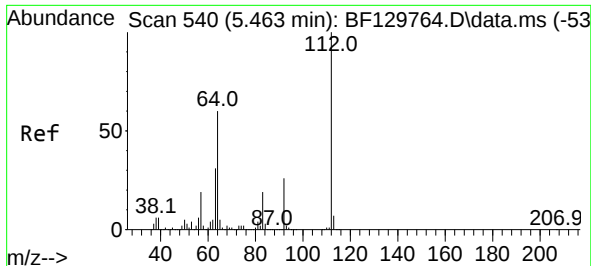
Tgt Ion:152 Resp: 110210
Ion Ratio Lower Upper
152 100
150 159.7 126.9 190.3
115 69.8 53.4 80.0



#2
1,4-Dioxane
Concen: 15.779 ng
RT: 2.481 min Scan# 33
Delta R.T. 0.035 min
Lab File: BF129987.D
Acq: 24 Aug 2022 23:53

Tgt Ion: 88 Resp: 43333
Ion Ratio Lower Upper
88 100
58 80.6 60.9 91.3
43 35.4 23.6 35.4

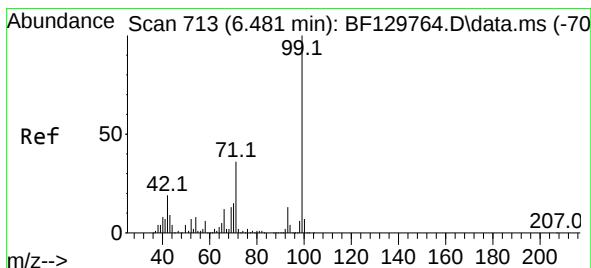
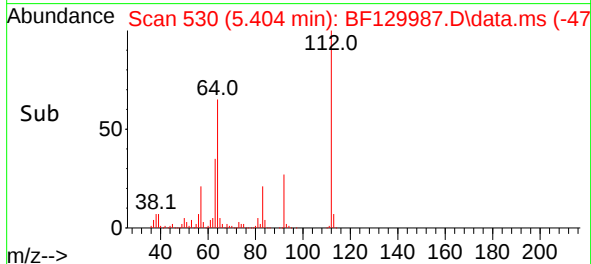
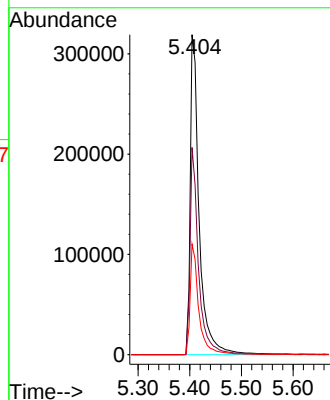
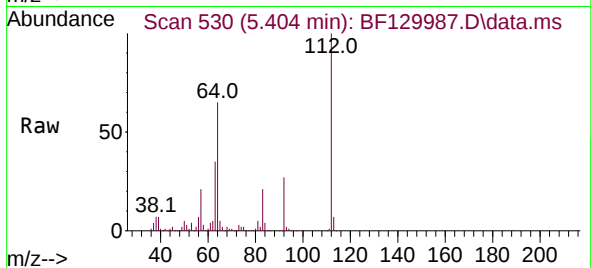




#5
2-Fluorophenol
Concen: 57.901 ng
RT: 5.404 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF129987.D
Acq: 24 Aug 2022 23:53

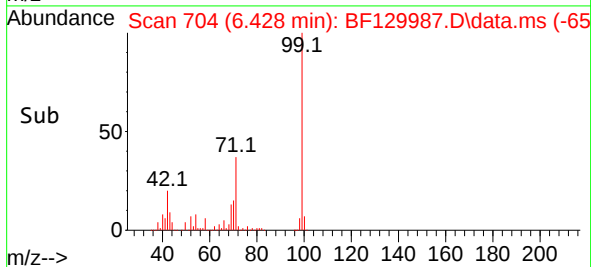
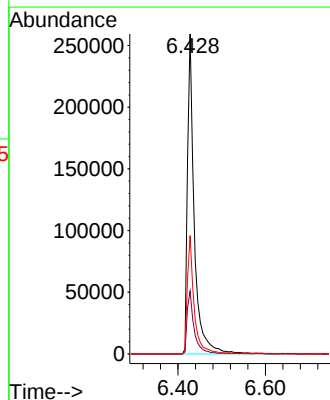
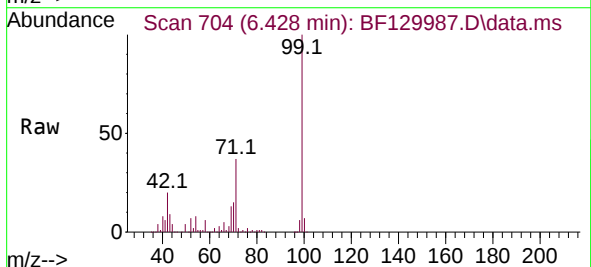
Instrument :
BNA_F
ClientSampleId :
MW-101D

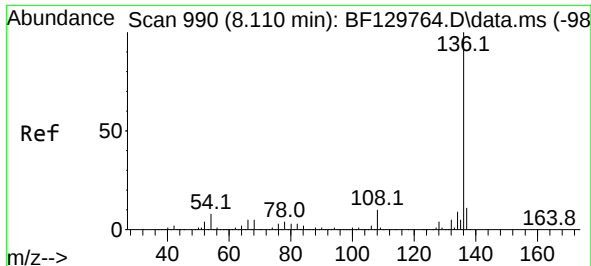
Tgt Ion:112 Resp: 385414
Ion Ratio Lower Upper
112 100
64 64.7 47.6 71.4
63 34.5 24.6 37.0



#7
Phenol-d6
Concen: 33.892 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF129987.D
Acq: 24 Aug 2022 23:53

Tgt Ion: 99 Resp: 282510
Ion Ratio Lower Upper
99 100
42 19.6 15.0 22.4
71 37.0 28.8 43.2



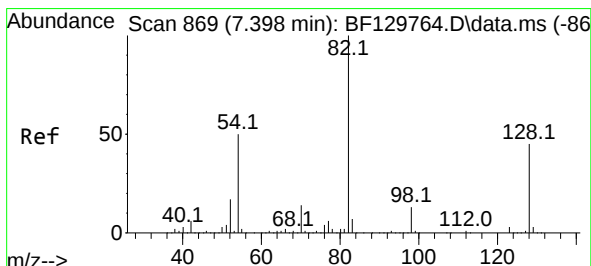
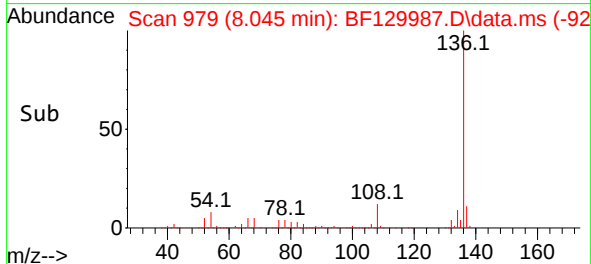
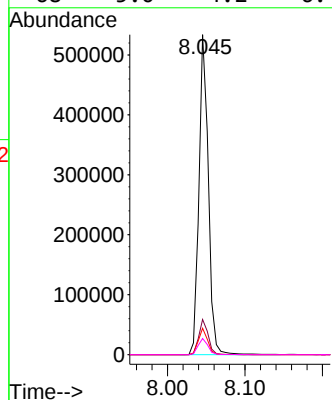
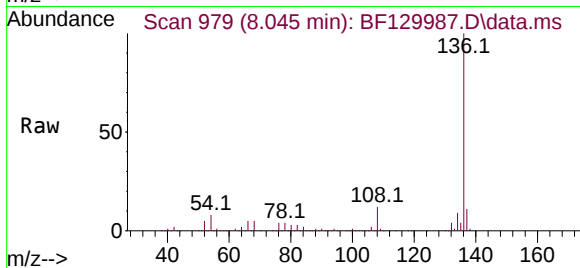


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129987.D
Acq: 24 Aug 2022 23:53

Instrument :
BNA_F
ClientSampleId :
MW-101D

Tgt Ion:136 Resp: 448113

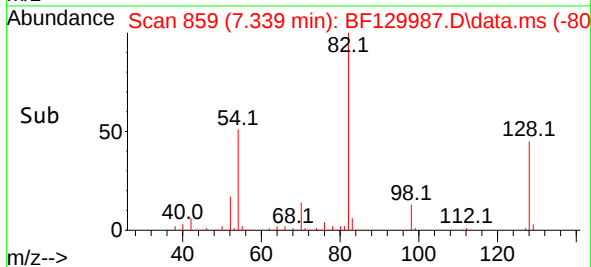
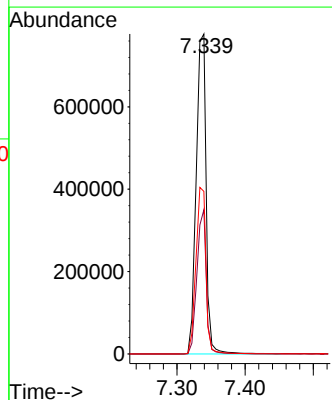
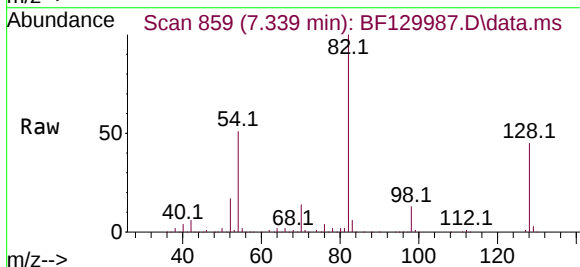
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	8.2	6.2	9.2
68	5.0	4.2	6.4

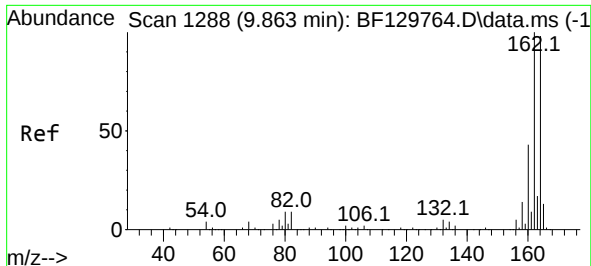


#23
Nitrobenzene-d5
Concen: 94.107 ng
RT: 7.339 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF129987.D
Acq: 24 Aug 2022 23:53

Tgt Ion: 82 Resp: 787765

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	50.8	40.0	60.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1413

Delta R.T. -0.006 min

Lab File: BF129987.D

Acq: 24 Aug 2022 23:53

Instrument :

BNA_F

ClientSampleId :

MW-101D

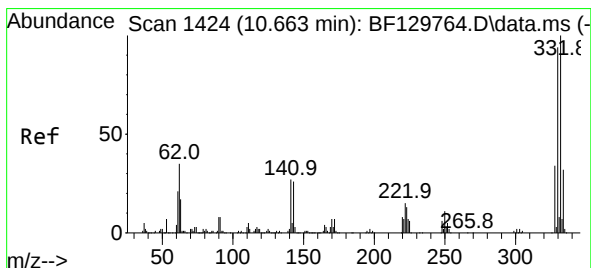
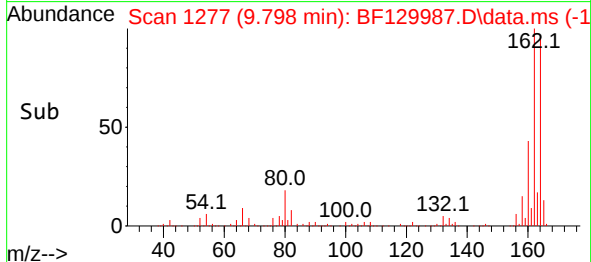
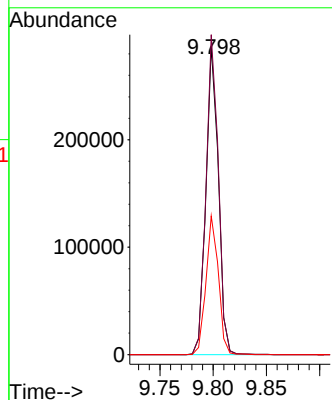
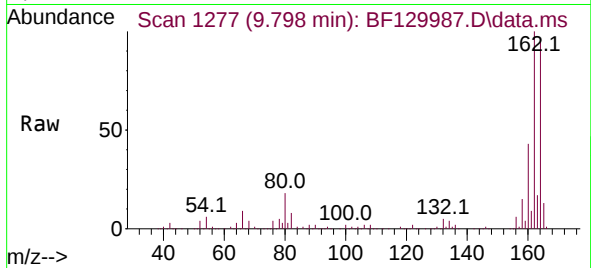
Tgt Ion:164 Resp: 232110

Ion Ratio Lower Upper

164 100

162 103.9 82.0 123.0

160 45.0 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 137.257 ng

RT: 10.598 min Scan# 1413

Delta R.T. -0.006 min

Lab File: BF129987.D

Acq: 24 Aug 2022 23:53

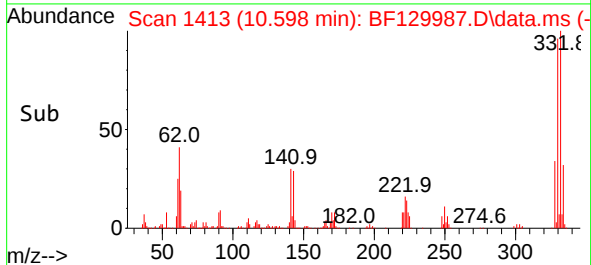
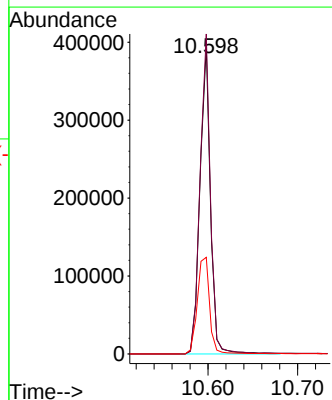
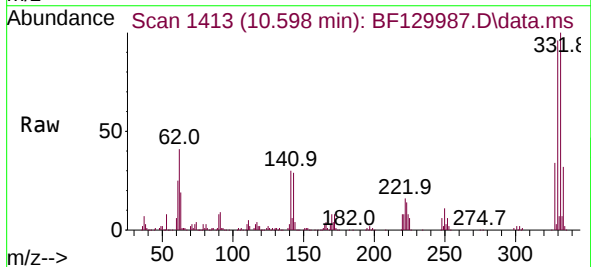
Tgt Ion:330 Resp: 319751

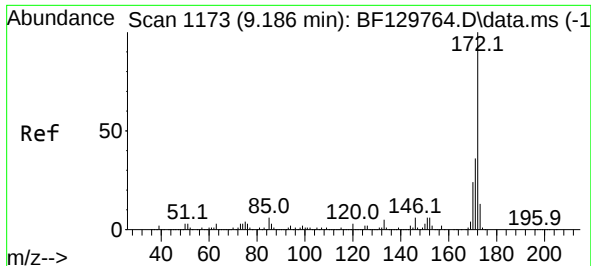
Ion Ratio Lower Upper

330 100

332 102.9 82.6 124.0

141 37.0 27.6 41.4

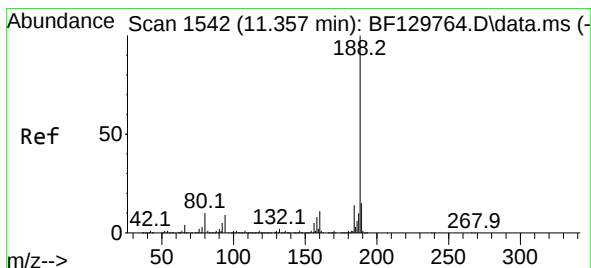
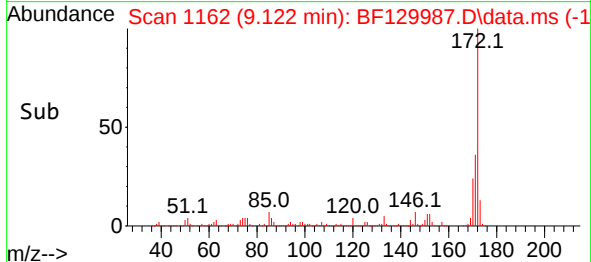
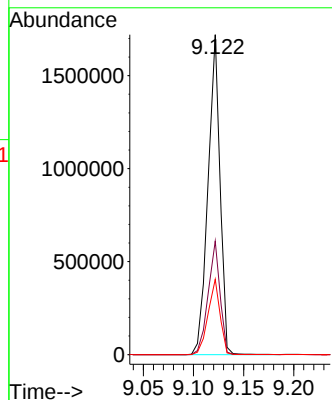
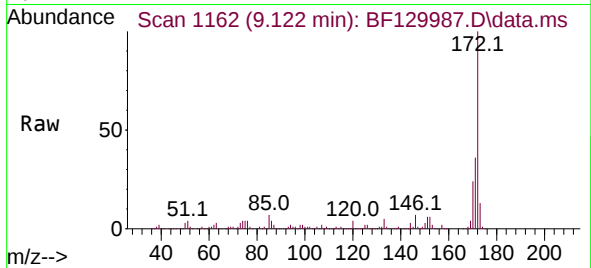




#45
2-Fluorobiphenyl
Concen: 93.547 ng
RT: 9.122 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF129987.D
Acq: 24 Aug 2022 23:53

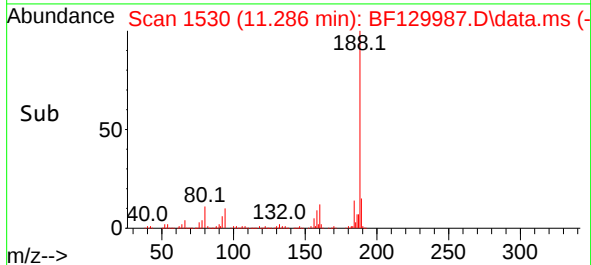
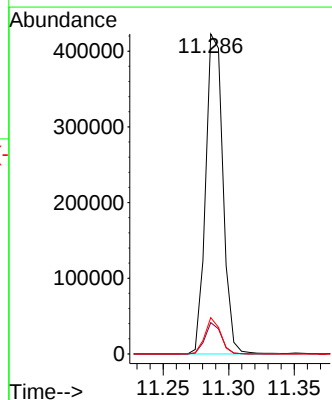
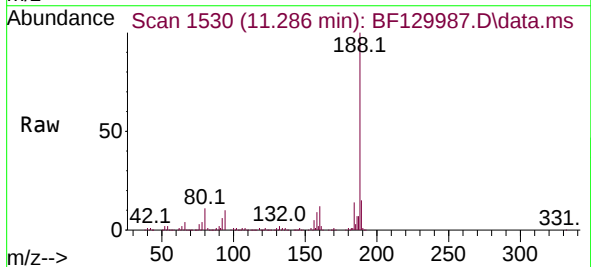
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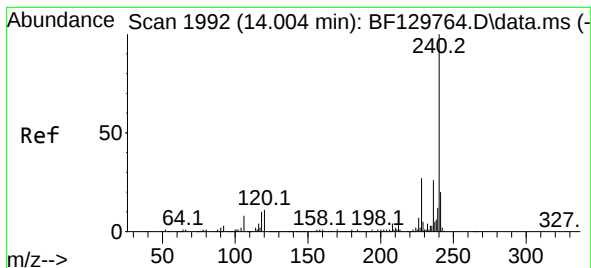
Tgt Ion:172 Resp: 1429626
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.5 19.1 28.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BF129987.D
Acq: 24 Aug 2022 23:53

Tgt Ion:188 Resp: 386918
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 11.3 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BF129987.D

Acq: 24 Aug 2022 23:53

Instrument :

BNA_F

ClientSampleId :

MW-101D

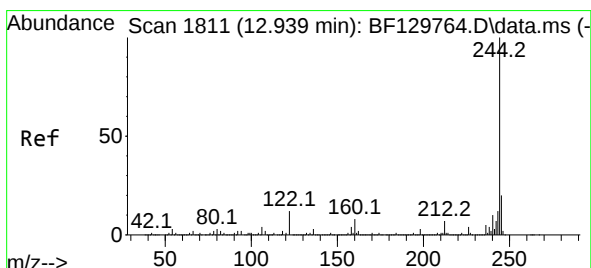
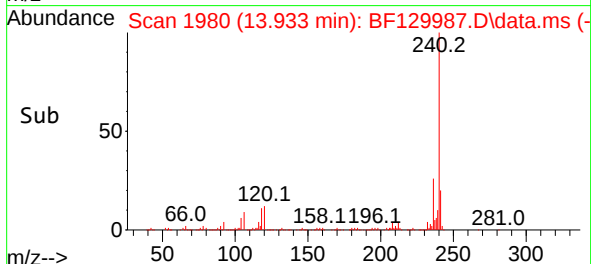
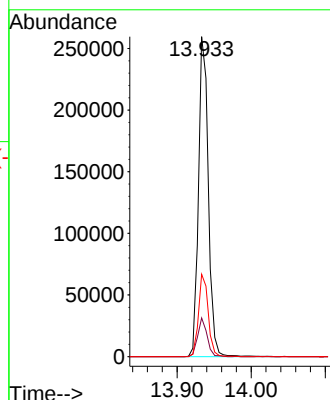
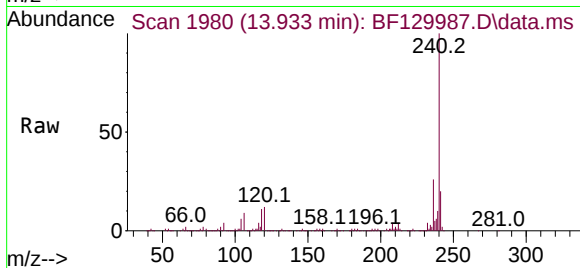
Tgt Ion:240 Resp: 239698

Ion Ratio Lower Upper

240 100

120 12.1 9.2 13.8

236 25.7 20.7 31.1



#79

Terphenyl-d14

Concen: 96.655 ng

RT: 12.874 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF129987.D

Acq: 24 Aug 2022 23:53

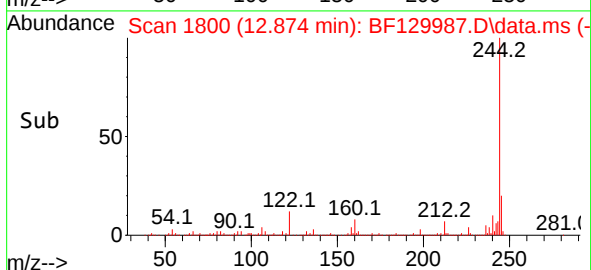
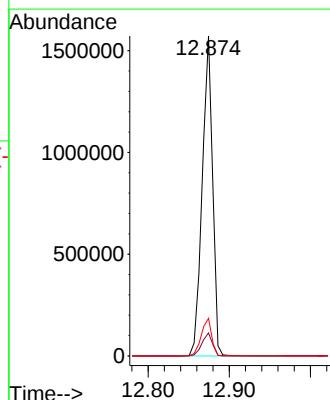
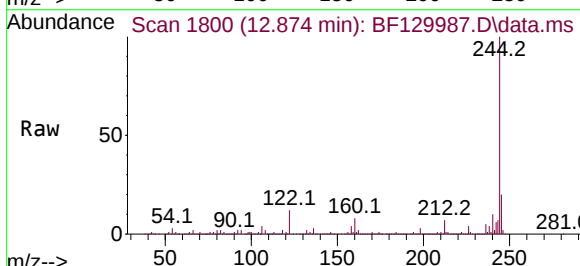
Tgt Ion:244 Resp: 1392366

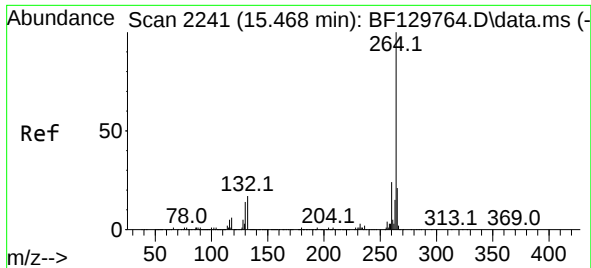
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 11.7 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF129987.D
Acq: 24 Aug 2022 23:53

Instrument :
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Tgt Ion:264 Resp: 210208
Ion Ratio Lower Upper
264 100
260 22.5 19.1 28.7
265 21.9 16.7 25.1

