

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129985.D
 Acq On : 24 Aug 2022 22:43
 Operator : CG\JU
 Sample : N4262-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101S

Quant Time: Aug 25 04:16:45 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)

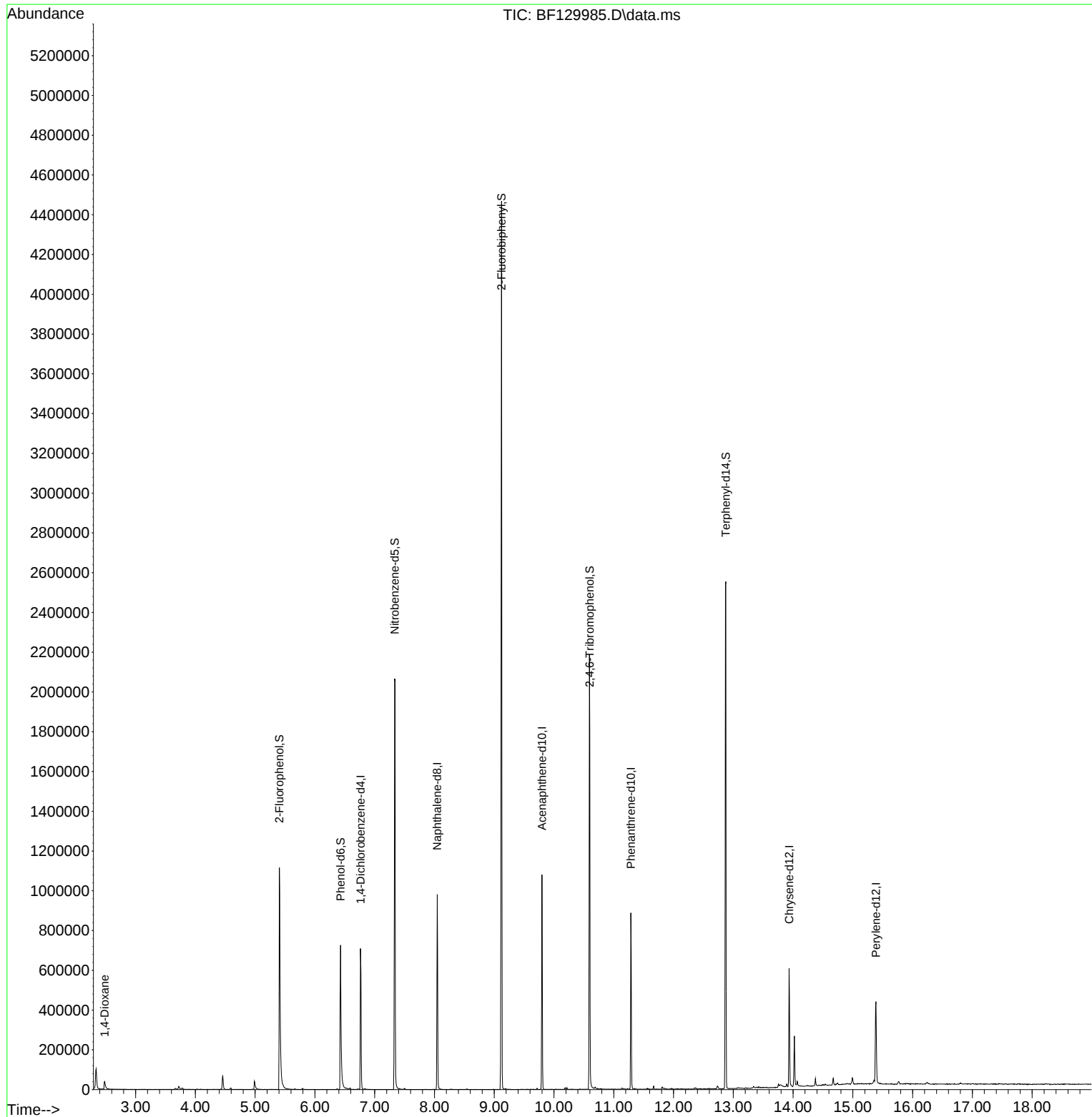
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	100506	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	392003	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	193527	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	292571	20.000	ng	0.00
76) Chrysene-d12	13.933	240	187137	20.000	ng	0.00
86) Perylene-d12	15.386	264	192626	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	370587	61.049	ng	0.00
7) Phenol-d6	6.428	99	270812	35.625	ng	0.00
23) Nitrobenzene-d5	7.334	82	692353	94.548	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	241334	124.250	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1208439	94.839	ng	0.00
79) Terphenyl-d14	12.875	244	878015	78.069	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.481	88	22008	8.788	ng	Qvalue # 93

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

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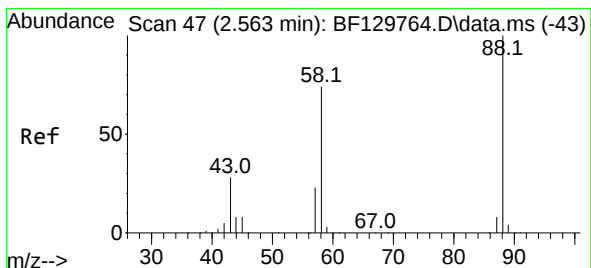
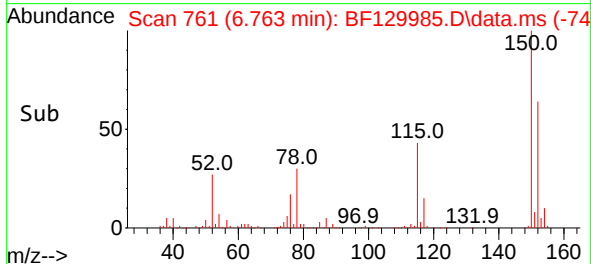
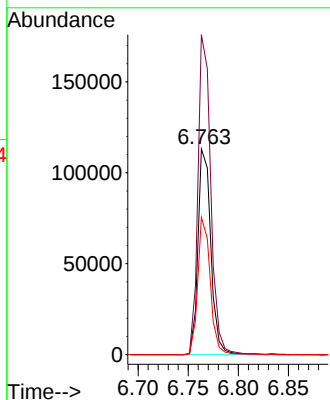
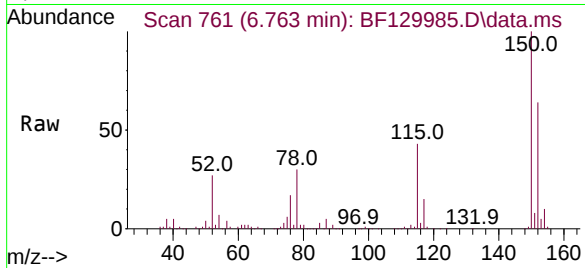




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BF129985.D
 Acq: 24 Aug 2022 22:43

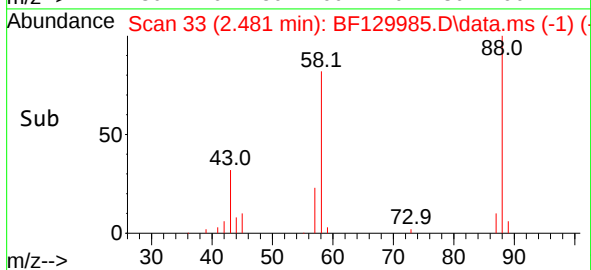
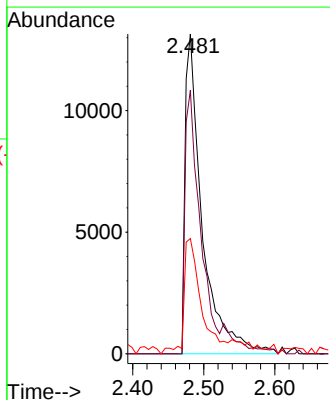
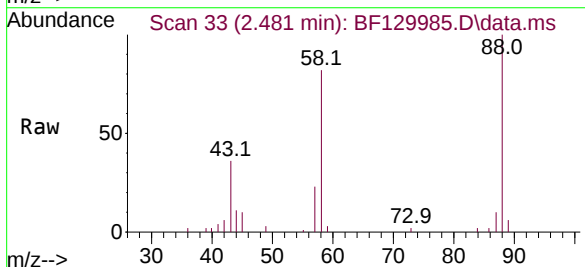
Instrument :
 BNA_F
 ClientSampleId :
 MW-101S

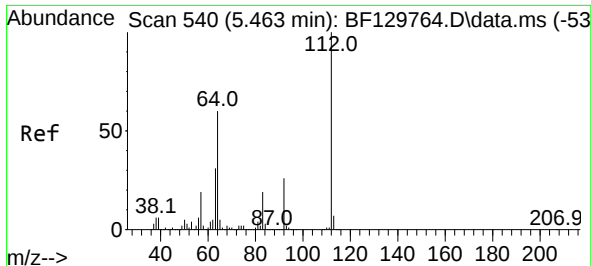
Tgt Ion:152 Resp: 100506
 Ion Ratio Lower Upper
 152 100
 150 155.5 126.9 190.3
 115 66.7 53.4 80.0



#2
 1,4-Dioxane
 Concen: 8.788 ng
 RT: 2.481 min Scan# 33
 Delta R.T. 0.035 min
 Lab File: BF129985.D
 Acq: 24 Aug 2022 22:43

Tgt Ion: 88 Resp: 22008
 Ion Ratio Lower Upper
 88 100
 58 72.0 60.9 91.3
 43 36.4 23.6 35.4#

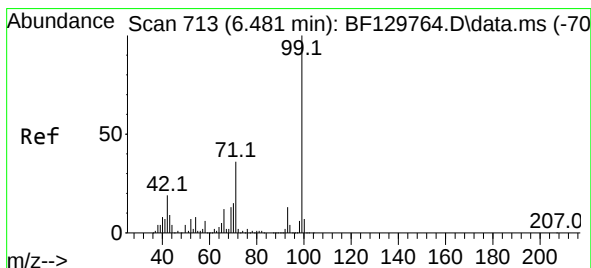
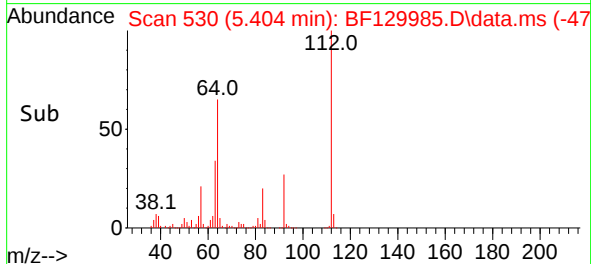
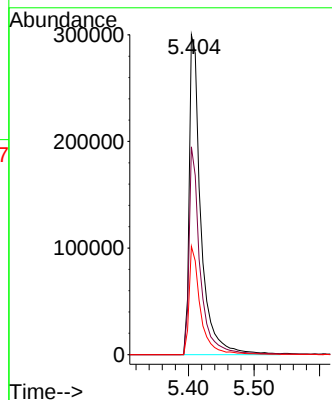
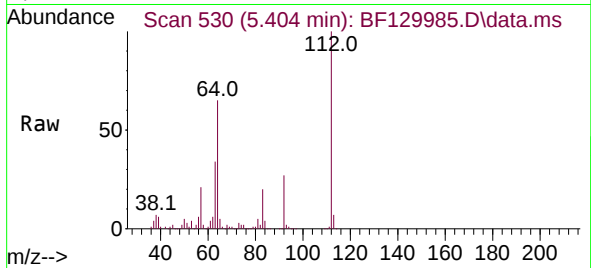




#5
2-Fluorophenol
Concen: 61.049 ng
RT: 5.404 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF129985.D
Acq: 24 Aug 2022 22:43

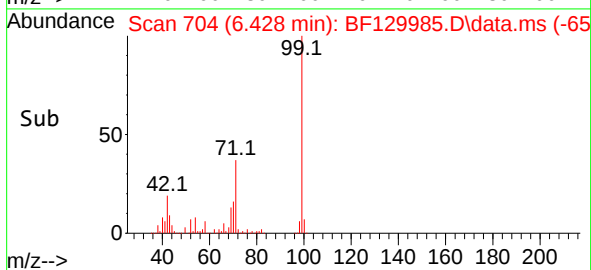
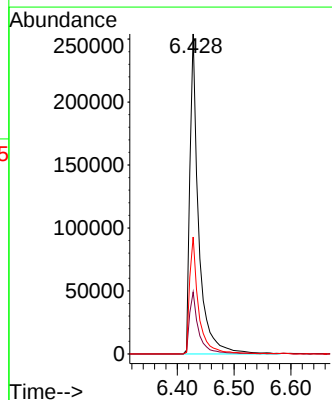
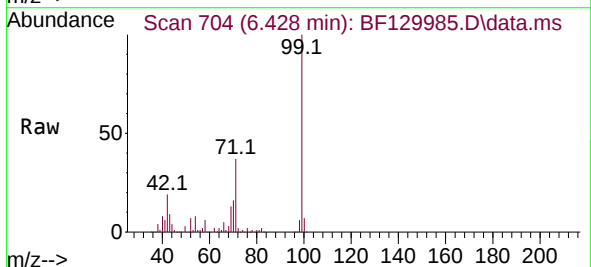
Instrument :
BNA_F
ClientSampleId :
MW-101S

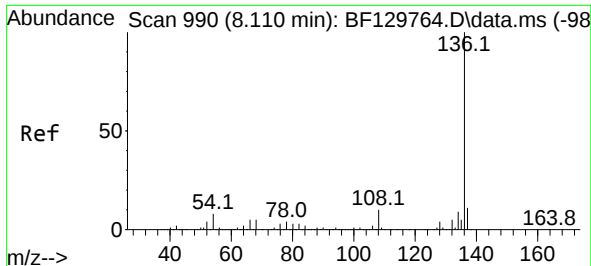
Tgt Ion:112 Resp: 370587
Ion Ratio Lower Upper
112 100
64 64.9 47.6 71.4
63 33.8 24.6 37.0



#7
Phenol-d6
Concen: 35.625 ng
RT: 6.428 min Scan# 704
Delta R.T. 0.000 min
Lab File: BF129985.D
Acq: 24 Aug 2022 22:43

Tgt Ion: 99 Resp: 270812
Ion Ratio Lower Upper
99 100
42 19.3 15.0 22.4
71 36.5 28.8 43.2



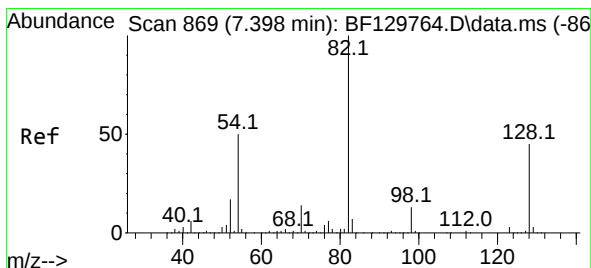
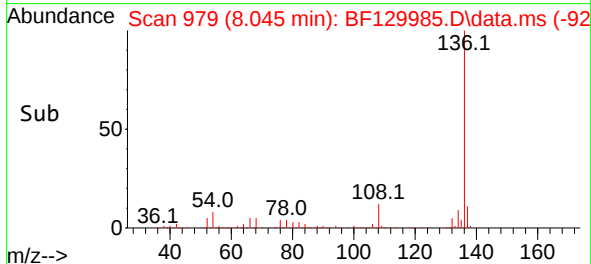
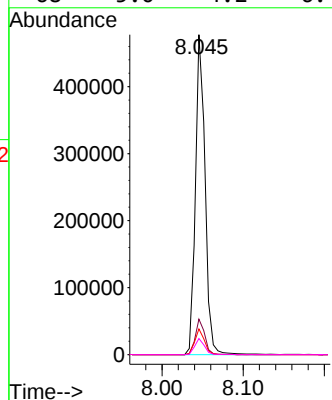
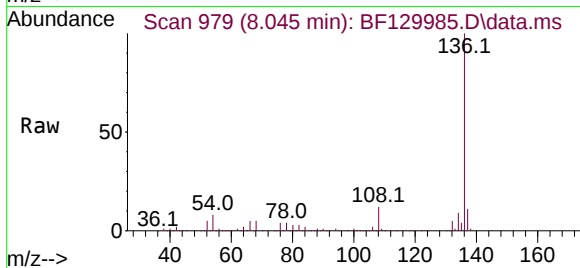


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129985.D
Acq: 24 Aug 2022 22:43

Instrument :
BNA_F
ClientSampleId :
MW-101S

Tgt Ion:136 Resp: 392003

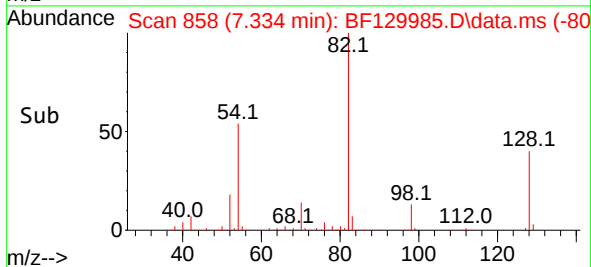
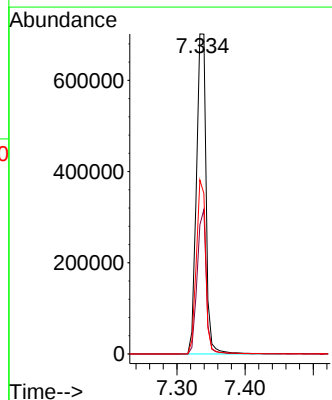
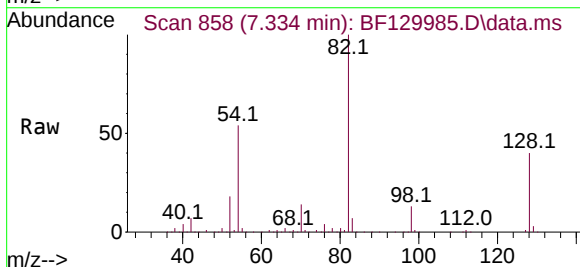
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	8.0	6.2	9.2
68	5.0	4.2	6.4

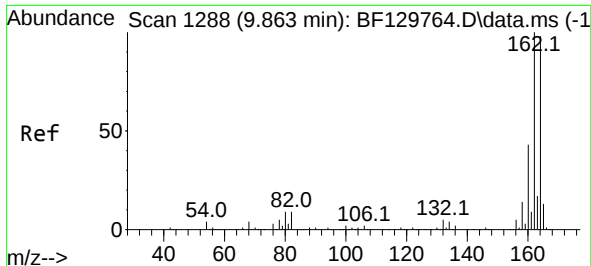


#23
Nitrobenzene-d5
Concen: 94.548 ng
RT: 7.334 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF129985.D
Acq: 24 Aug 2022 22:43

Tgt Ion: 82 Resp: 692353

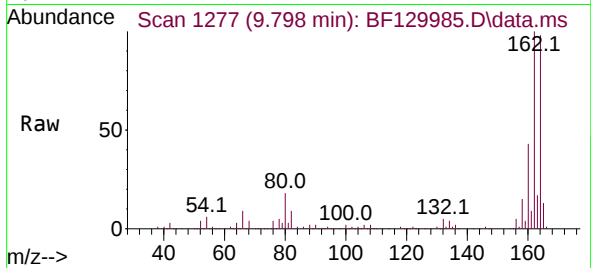
Ion	Ratio	Lower	Upper
82	100		
128	40.3	36.1	54.1
54	54.3	40.0	60.0



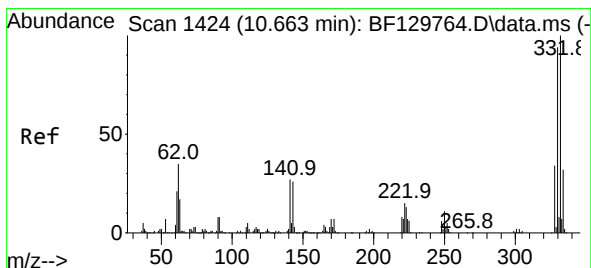
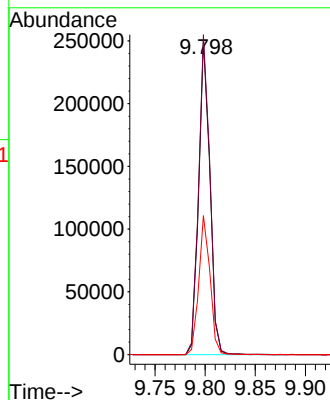
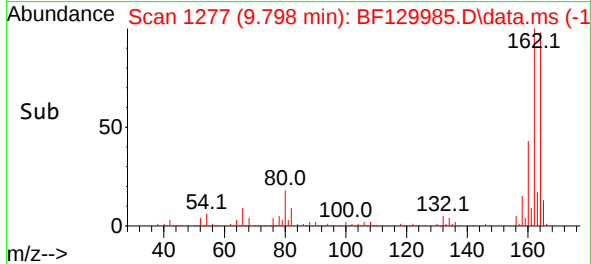


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF129985.D
Acq: 24 Aug 2022 22:43

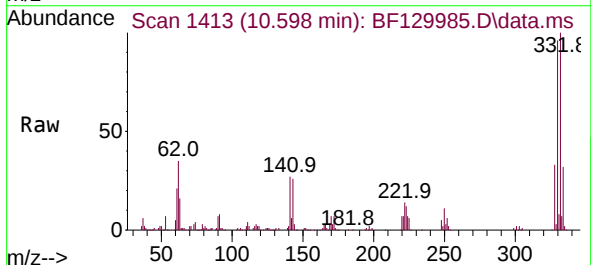
Instrument :
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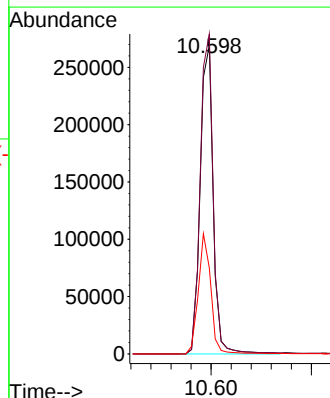
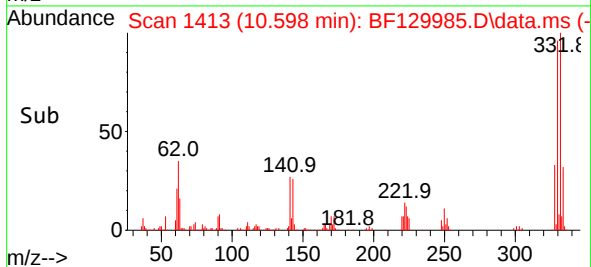
Tgt Ion:164 Resp: 193527
Ion Ratio Lower Upper
164 100
162 101.8 82.0 123.0
160 44.2 35.4 53.0

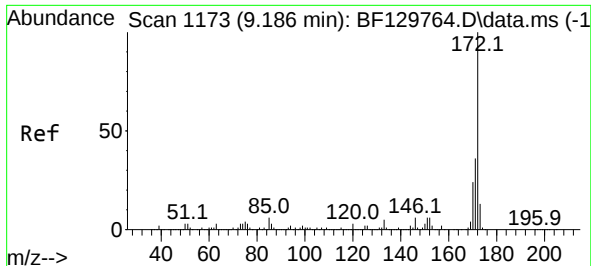


#42
2,4,6-Tribromophenol
Concen: 124.250 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF129985.D
Acq: 24 Aug 2022 22:43



Tgt Ion:330 Resp: 241334
Ion Ratio Lower Upper
330 100
332 103.7 82.6 124.0
141 37.7 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 94.839 ng

RT: 9.122 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF129985.D

Acq: 24 Aug 2022 22:43

Instrument :

BNA_F

ClientSampleId :

MW-101S

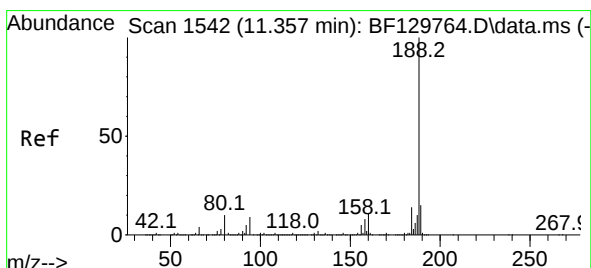
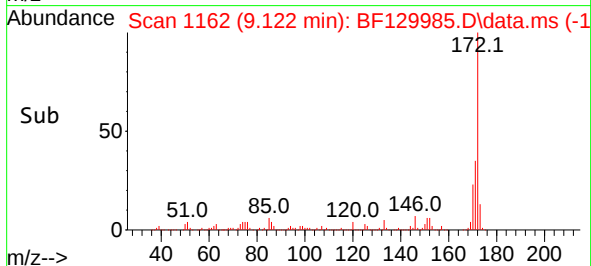
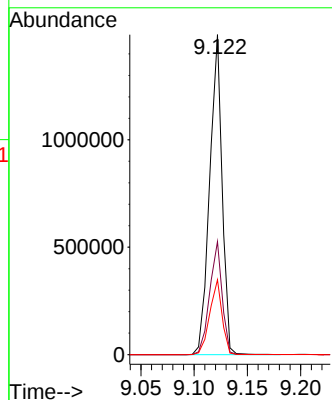
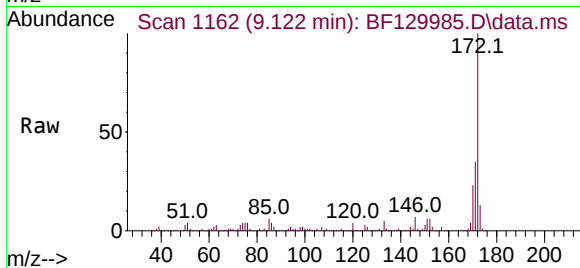
Tgt Ion:172 Resp: 1208439

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.4 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: BF129985.D

Acq: 24 Aug 2022 22:43

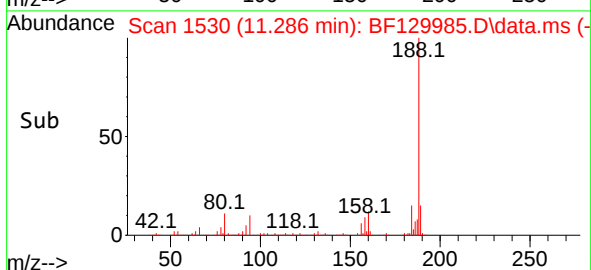
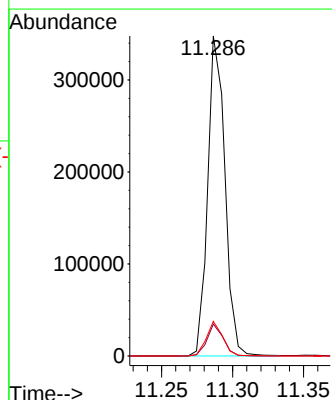
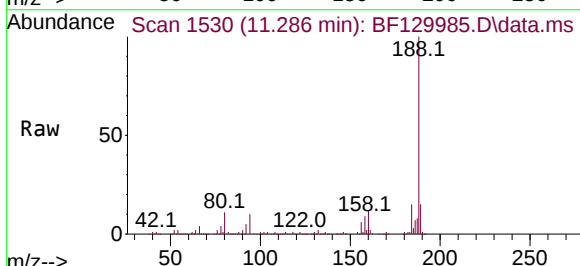
Tgt Ion:188 Resp: 292571

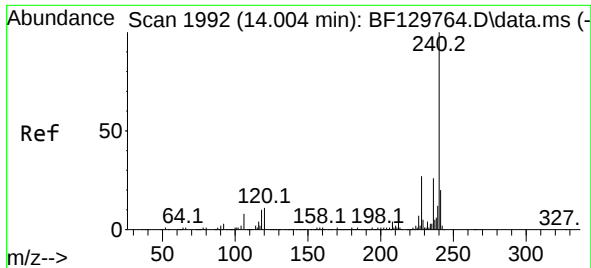
Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.2

80 10.8 7.9 11.9

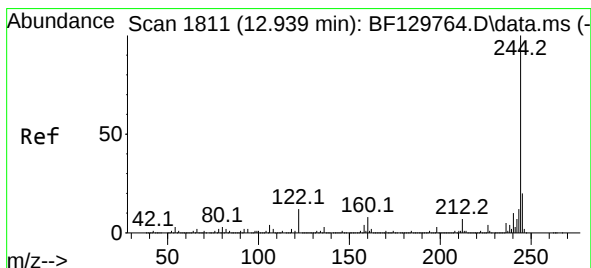
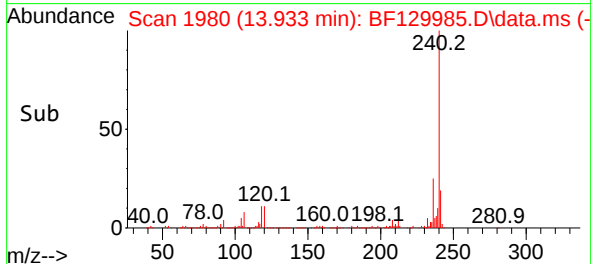
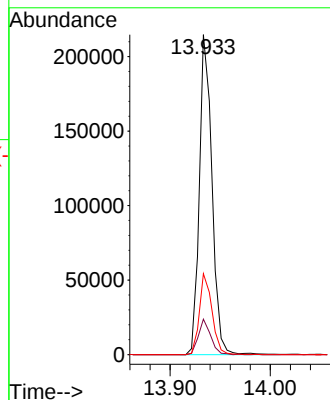
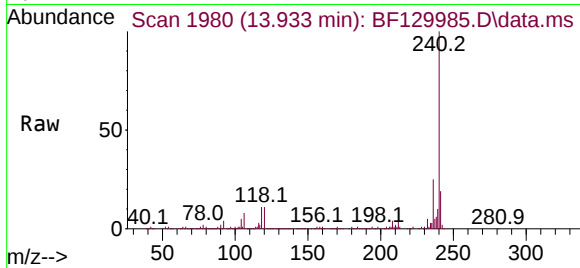




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF129985.D
Acq: 24 Aug 2022 22:43

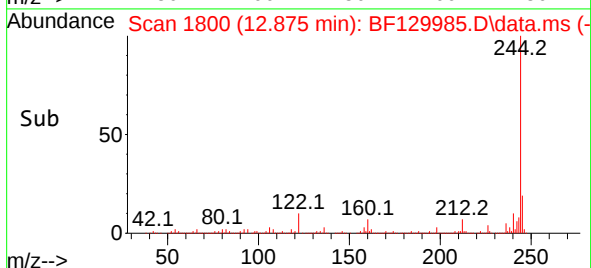
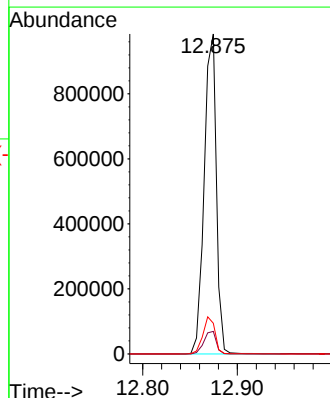
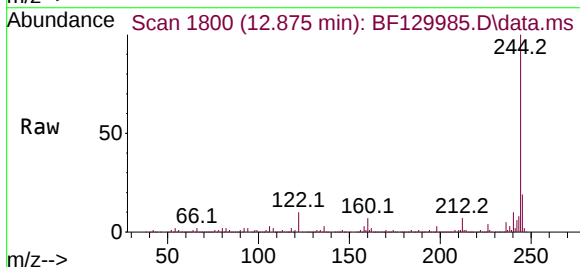
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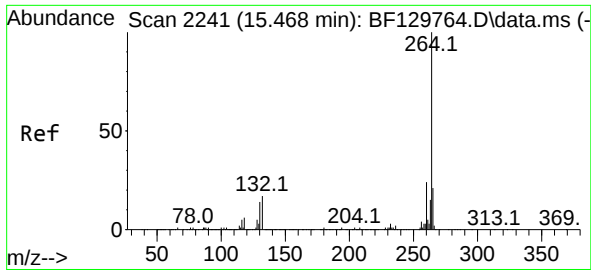
Tgt Ion:240 Resp: 187137
Ion Ratio Lower Upper
240 100
120 11.1 9.2 13.8
236 25.3 20.7 31.1



#79
Terphenyl-d14
Concen: 78.069 ng
RT: 12.875 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF129985.D
Acq: 24 Aug 2022 22:43

Tgt Ion:244 Resp: 878015
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 9.6 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: BF129985.D
Acq: 24 Aug 2022 22:43

Instrument :
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ClientSampleId :
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Tgt Ion:264 Resp: 192626
Ion Ratio Lower Upper
264 100
260 23.1 19.1 28.7
265 21.0 16.7 25.1

