

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
 Data File : BF129815.D
 Acq On : 16 Aug 2022 17:33
 Operator : CG\JU
 Sample : N4136-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Quant Time: Aug 17 02:34:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

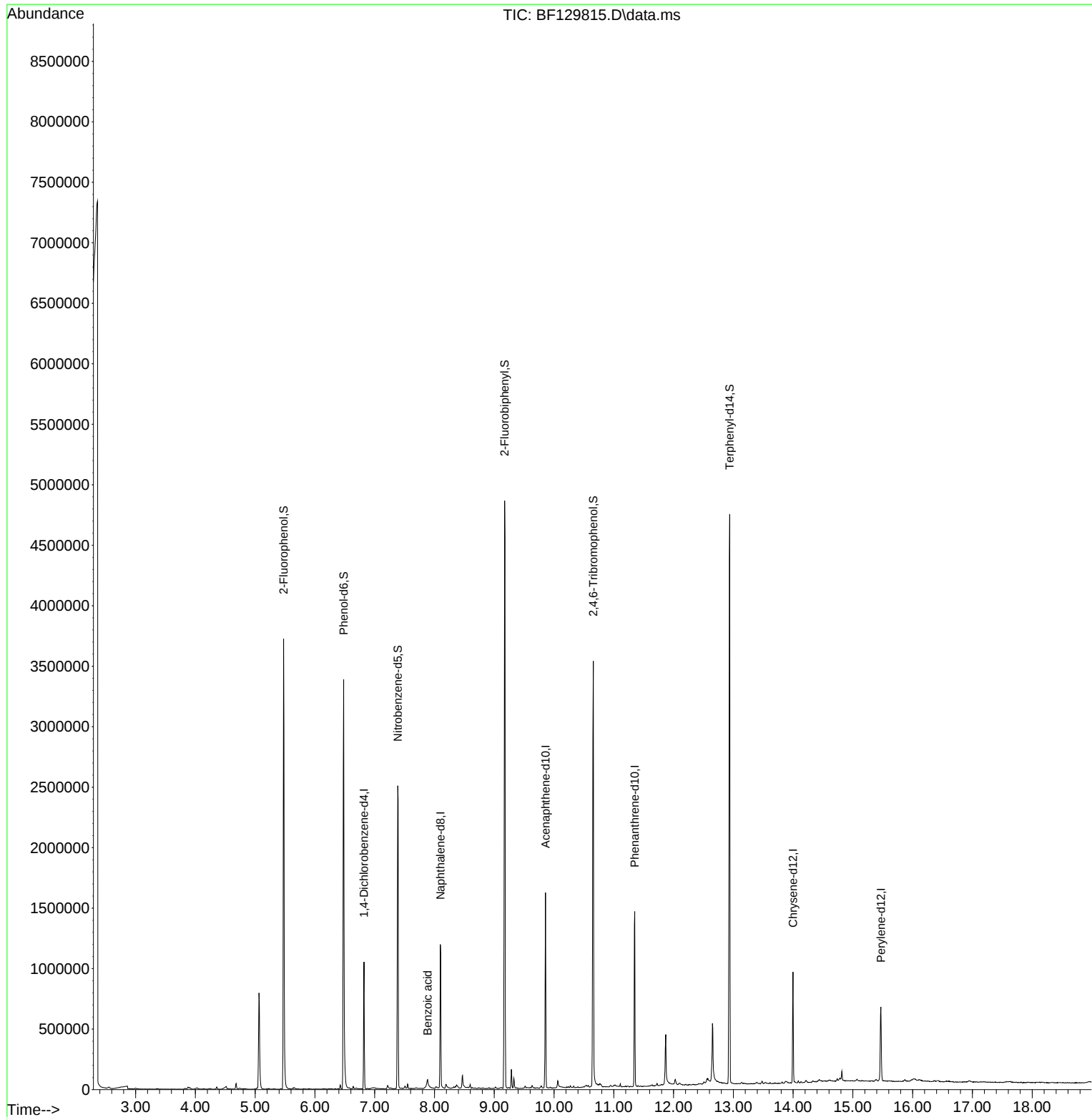
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	144107	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	574078	20.000	ng	-0.01
39) Acenaphthene-d10	9.857	164	309418	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	517355	20.000	ng	0.00
76) Chrysene-d12	13.998	240	282901	20.000	ng	0.00
86) Perylene-d12	15.468	264	276040	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1075793	123.602	ng	0.01
7) Phenol-d6	6.481	99	1241837	113.936	ng	0.00
23) Nitrobenzene-d5	7.387	82	934877	87.176	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	440355	141.800	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1723544	84.602	ng	-0.01
79) Terphenyl-d14	12.939	244	1669979	98.223	ng	0.00
Target Compounds						
32) Benzoic acid	7.886	122	24581	11.009	ng	Qvalue 96

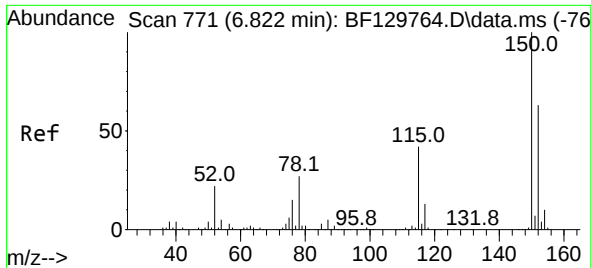
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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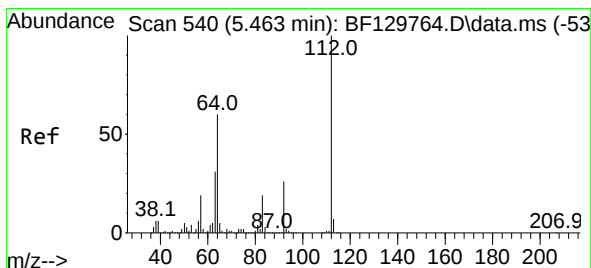
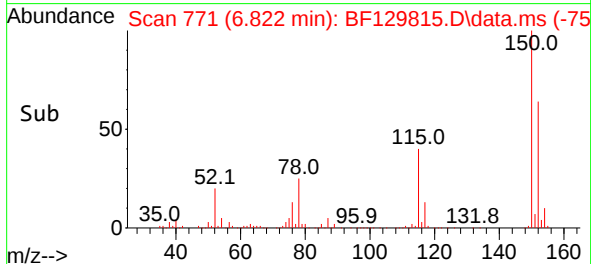
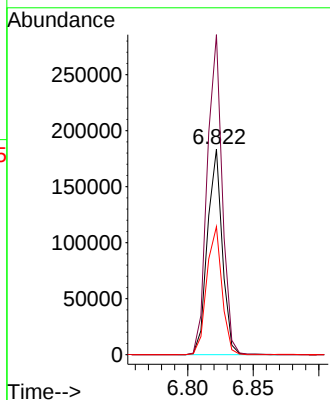
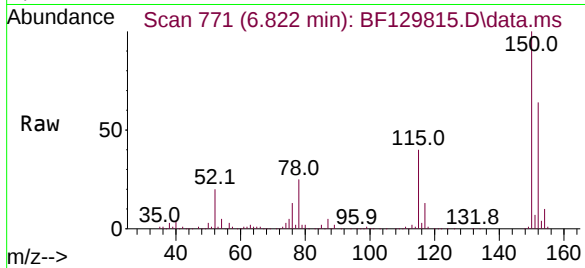




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129815.D
Acq: 16 Aug 2022 17:33

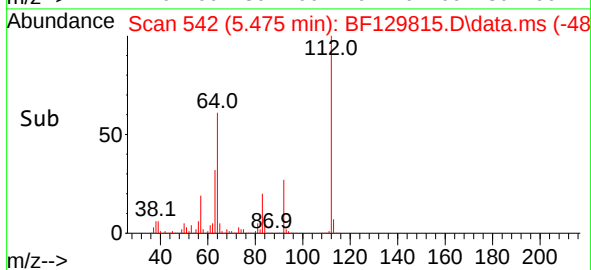
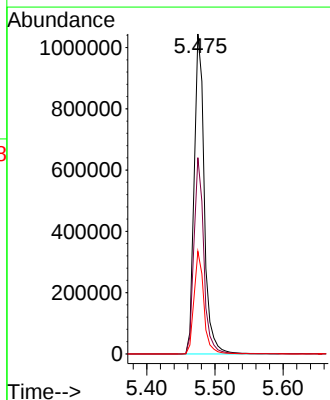
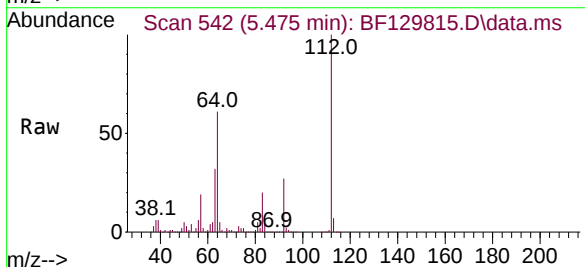
Instrument :
BNA_F
ClientSampleId :
WC-4

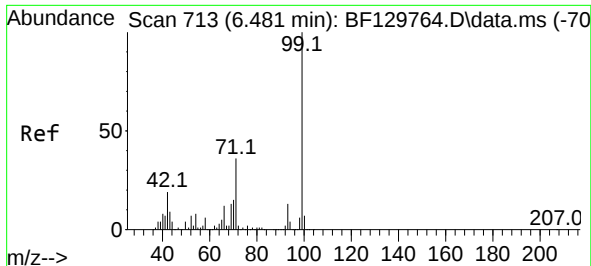
Tgt Ion:152 Resp: 144107
Ion Ratio Lower Upper
152 100
150 155.7 126.9 190.3
115 62.3 53.4 80.0



#5
2-Fluorophenol
Concen: 123.602 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.012 min
Lab File: BF129815.D
Acq: 16 Aug 2022 17:33

Tgt Ion:112 Resp: 1075793
Ion Ratio Lower Upper
112 100
64 61.3 47.6 71.4
63 32.0 24.6 37.0





#7
Phenol-d6
Concen: 113.936 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF129815.D
Acq: 16 Aug 2022 17:33

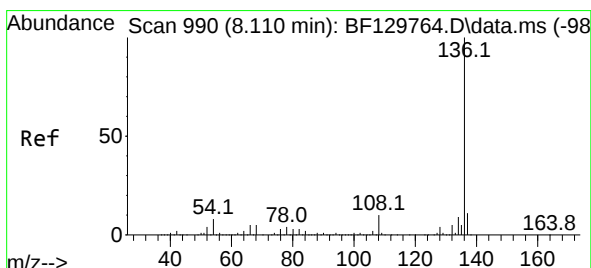
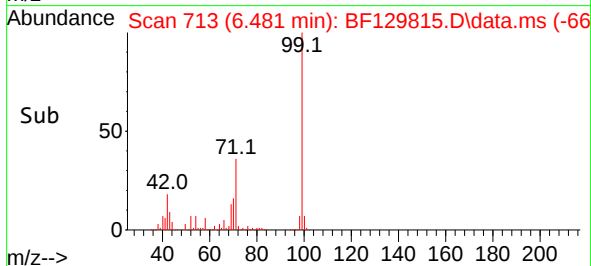
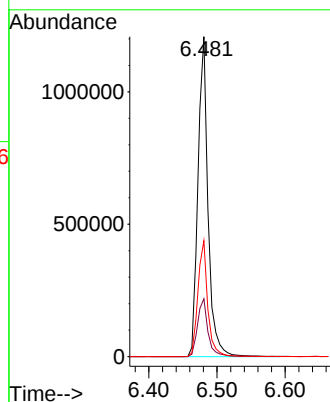
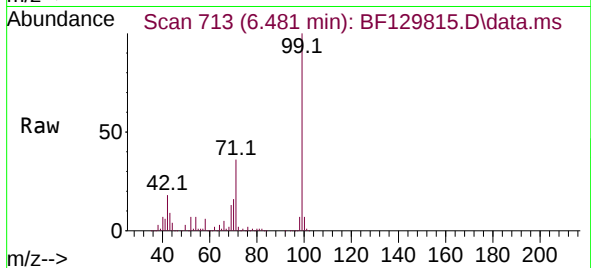
Instrument :

BNA_F

ClientSampleId :

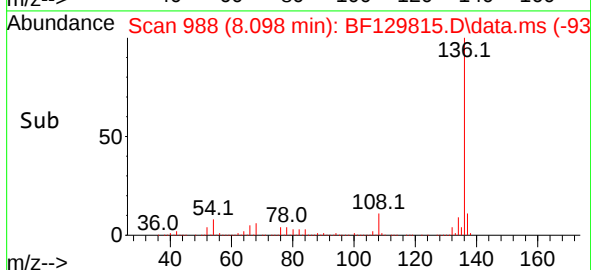
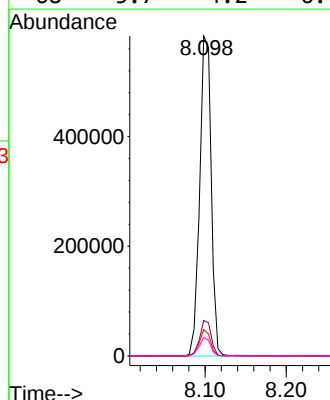
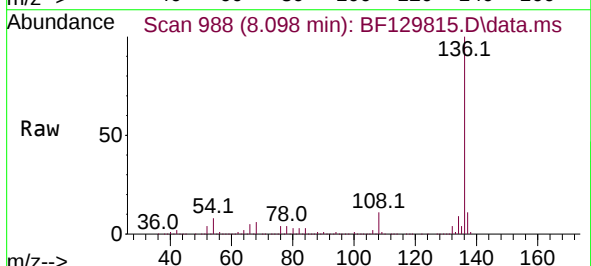
WC-4

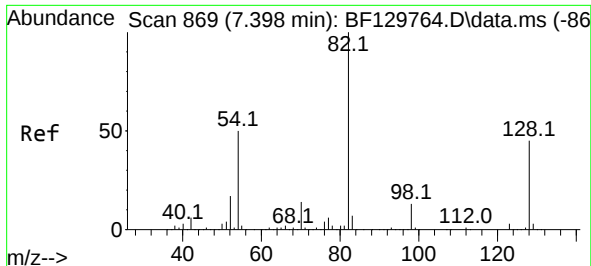
Tgt Ion: 99 Resp: 1241837
Ion Ratio Lower Upper
99 100
42 18.1 15.0 22.4
71 36.2 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 988
Delta R.T. -0.012 min
Lab File: BF129815.D
Acq: 16 Aug 2022 17:33

Tgt Ion:136 Resp: 574078
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.2 6.2 9.2
68 5.7 4.2 6.4





#23

Nitrobenzene-d5

Concen: 87.176 ng

RT: 7.387 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF129815.D

Acq: 16 Aug 2022 17:33

Instrument :

BNA_F

ClientSampleId :

WC-4

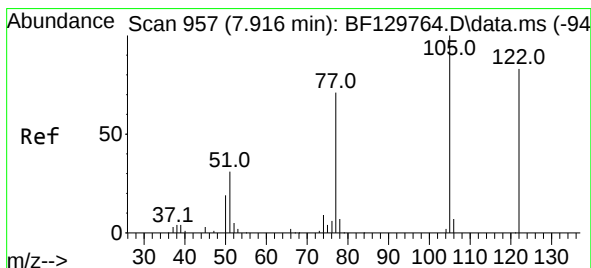
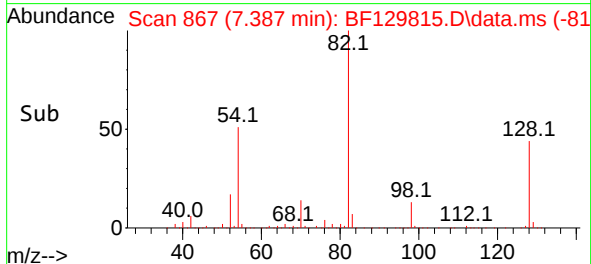
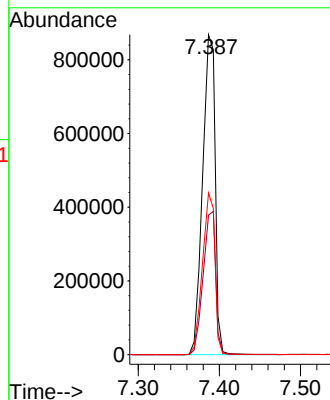
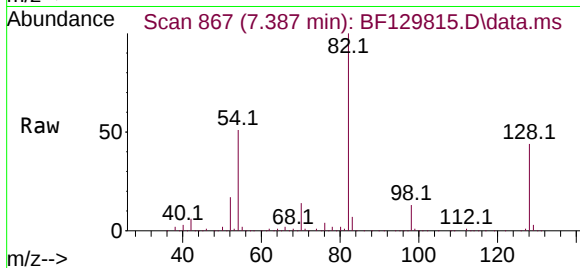
Tgt Ion: 82 Resp: 934877

Ion Ratio Lower Upper

82 100

128 43.6 36.1 54.1

54 50.5 40.0 60.0



#32

Benzoic acid

Concen: 11.009 ng

RT: 7.886 min Scan# 952

Delta R.T. -0.030 min

Lab File: BF129815.D

Acq: 16 Aug 2022 17:33

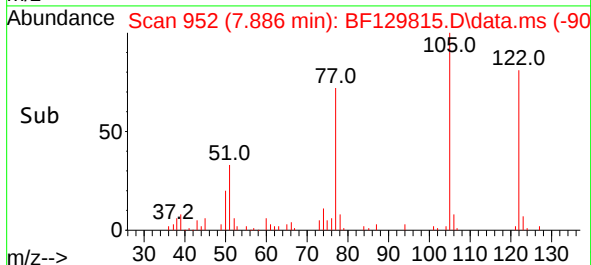
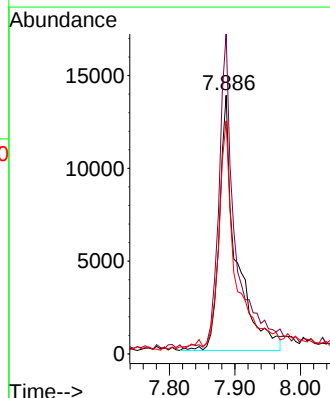
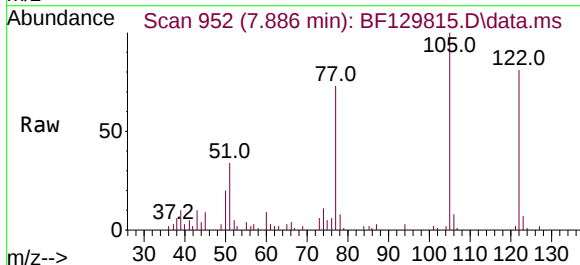
Tgt Ion: 122 Resp: 24581

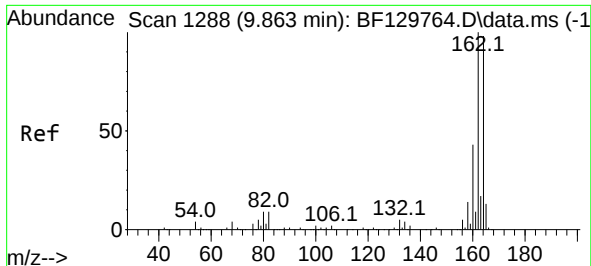
Ion Ratio Lower Upper

122 100

105 123.7 99.9 139.9

77 90.2 65.9 105.9

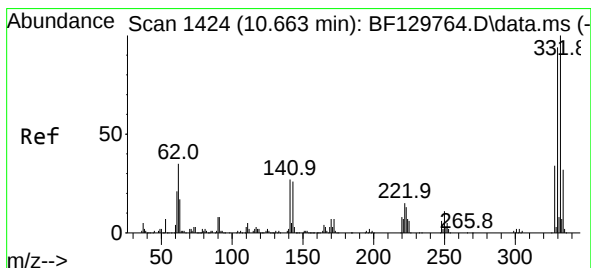
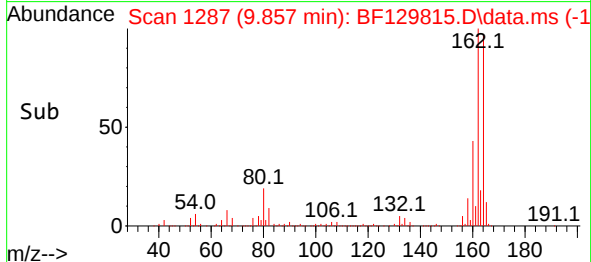
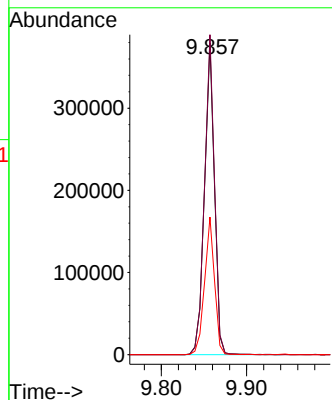
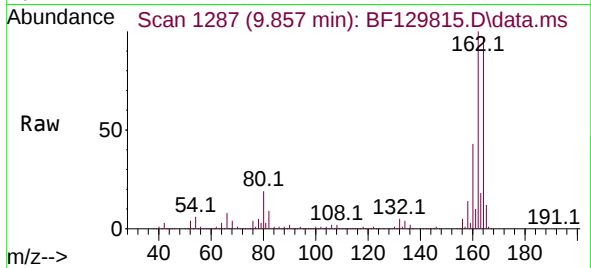




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129815.D
Acq: 16 Aug 2022 17:33

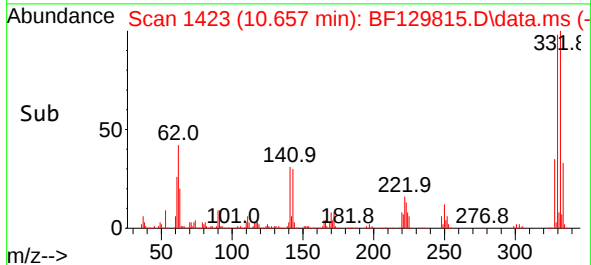
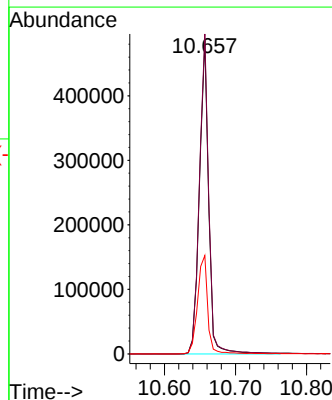
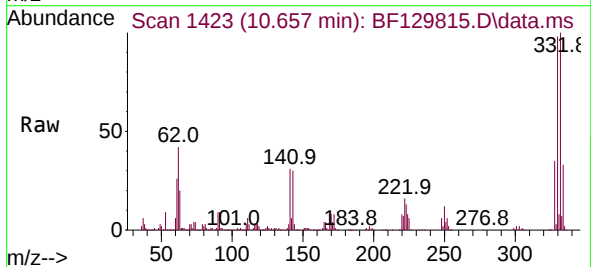
Instrument :
BNA_F
ClientSampleId :
WC-4

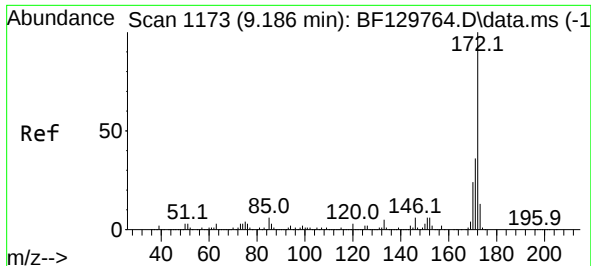
Tgt Ion:164 Resp: 309418
Ion Ratio Lower Upper
164 100
162 102.7 82.0 123.0
160 44.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 141.800 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF129815.D
Acq: 16 Aug 2022 17:33

Tgt Ion:330 Resp: 440355
Ion Ratio Lower Upper
330 100
332 103.1 82.6 124.0
141 34.3 27.6 41.4

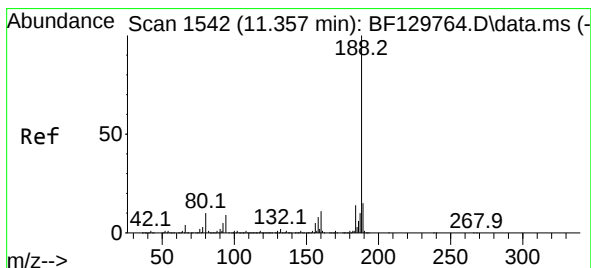
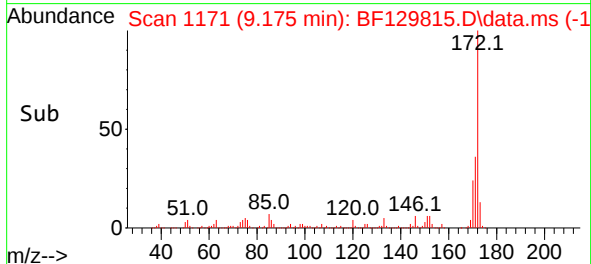
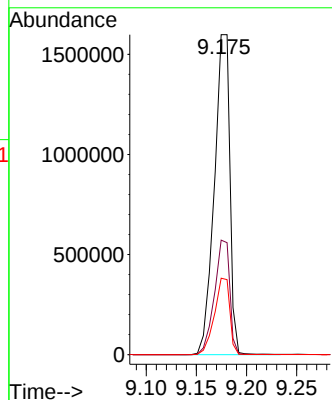
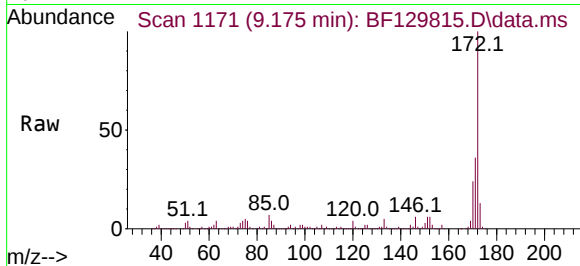




#45
2-Fluorobiphenyl
Concen: 84.602 ng
RT: 9.175 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF129815.D
Acq: 16 Aug 2022 17:33

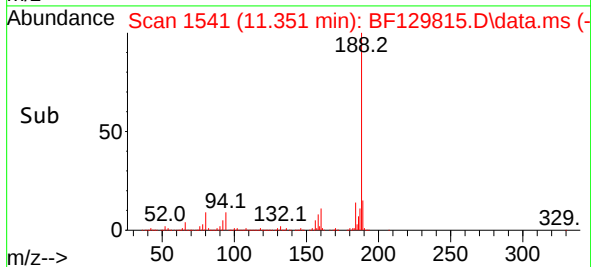
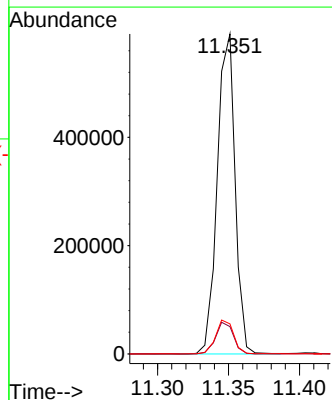
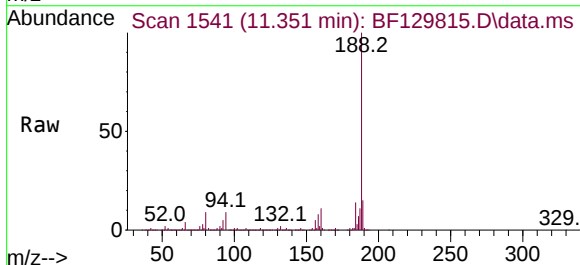
Instrument :
BNA_F
ClientSampleId :
WC-4

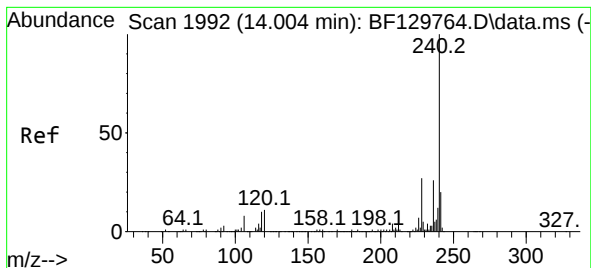
Tgt Ion:172 Resp: 1723544
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.9 19.1 28.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF129815.D
Acq: 16 Aug 2022 17:33

Tgt Ion:188 Resp: 517355
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.4 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BF129815.D

Acq: 16 Aug 2022 17:33

Instrument :

BNA_F

ClientSampleId :

WC-4

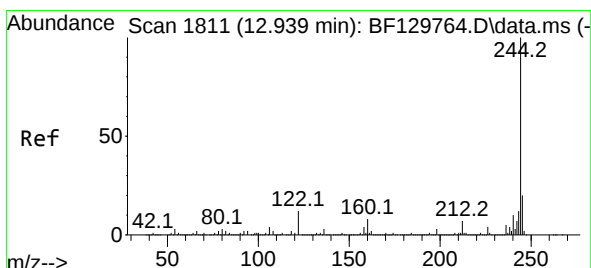
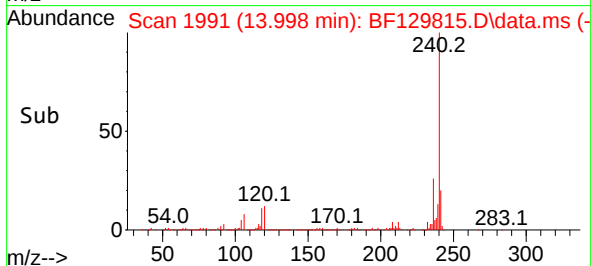
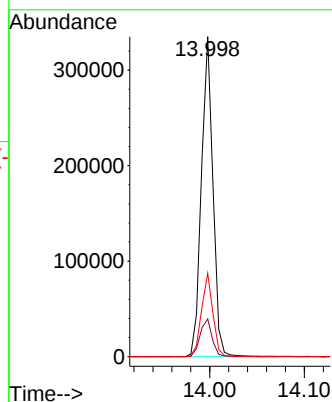
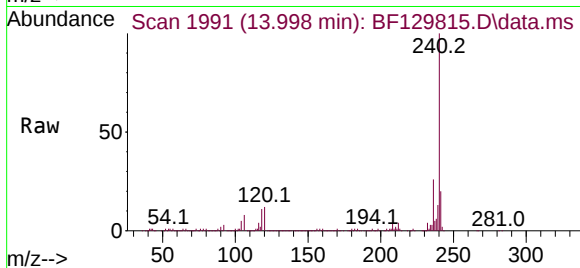
Tgt Ion:240 Resp: 282901

Ion Ratio Lower Upper

240 100

120 11.8 9.2 13.8

236 26.0 20.7 31.1



#79

Terphenyl-d14

Concen: 98.223 ng

RT: 12.939 min Scan# 1811

Delta R.T. -0.000 min

Lab File: BF129815.D

Acq: 16 Aug 2022 17:33

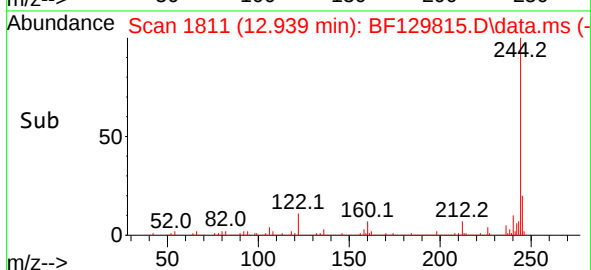
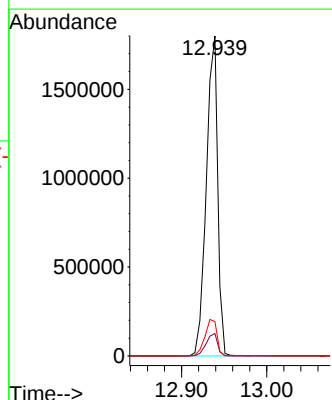
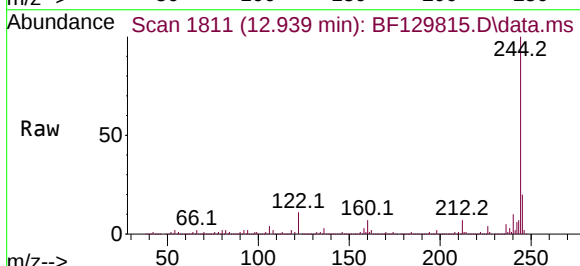
Tgt Ion:244 Resp: 1669979

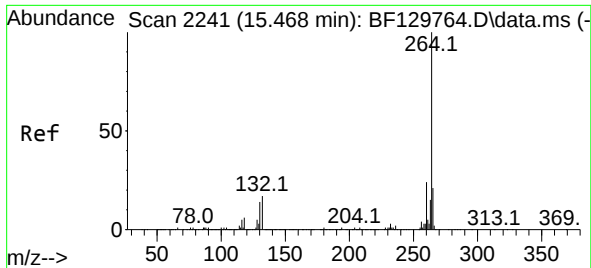
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 10.8 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. -0.000 min
 Lab File: BF129815.D
 Acq: 16 Aug 2022 17:33

Instrument :
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Tgt Ion:264 Resp: 276040
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 21.6 16.7 25.1

