

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

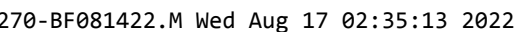
Quant Time: Aug 17 02:34:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

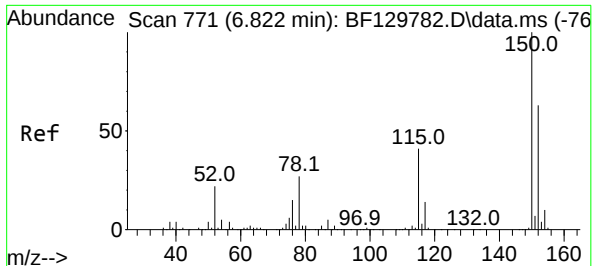
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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						Qvalue
9) Benzaldehyde	6.387	77	779	Below Cal		93
19) n-Nitroso-di-n-propyla...	7.387	70	125762	18.254 ng	#	77
25) Isophorone	7.387	82	934871	50.649 ng	#	65
27) 2,4-Dimethylphenol	7.886	122	24581	3.222 ng	#	5
32) Benzoic acid	7.886	122	24581	11.009 ng		96
51) 2,6-Dinitrotoluene	9.857	165	39496	8.208 ng	#	23
57) 2,4-Dinitrotoluene	9.857	165	39496	6.323 ng	#	18
67) 4-Bromophenyl-phenylether	10.657	248	26960	4.449 ng	#	1
70) Pentachlorophenol	11.169	266	320	5.334 ng	#	20
77) Benzidine	12.639	184	2508	Below Cal	#	1

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

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

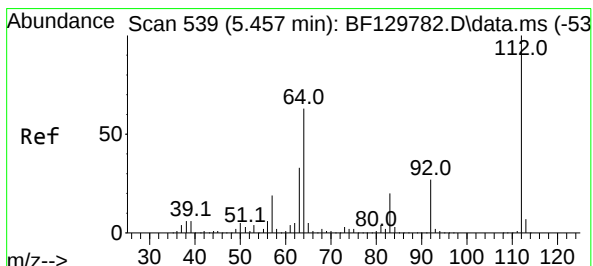
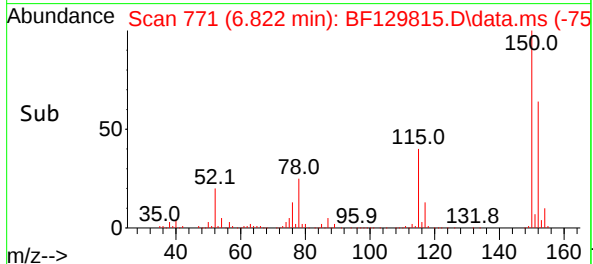
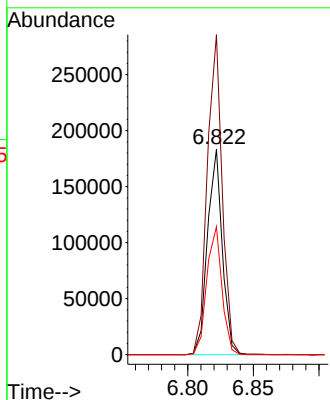
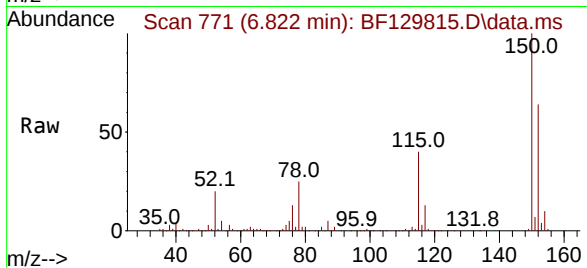




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129815.D
Acq: 16 Aug 2022 17:33

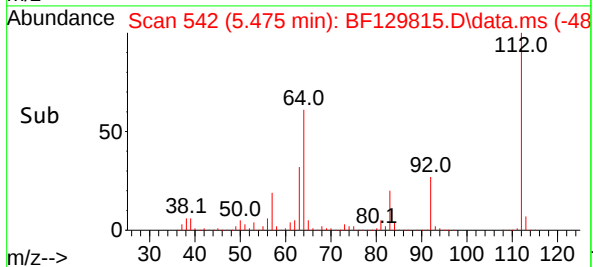
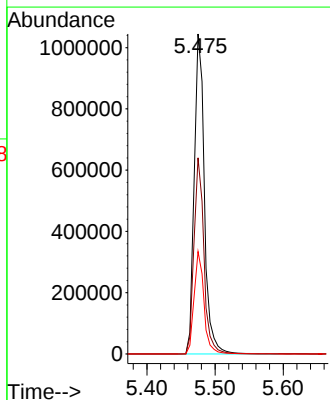
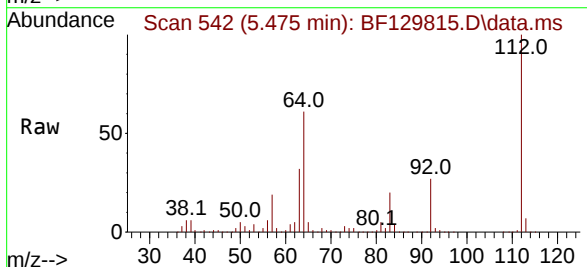
Instrument :
BNA_F
ClientSampleId :
WC-4

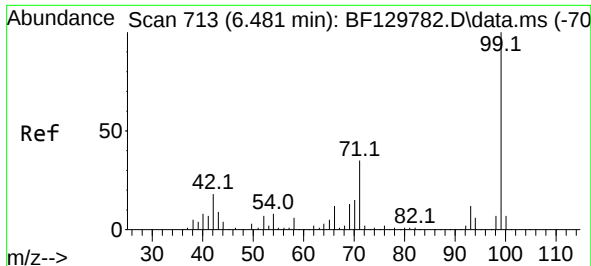
Tgt Ion:152 Resp: 144107
Ion Ratio Lower Upper
152 100
150 155.7 126.9 190.3
115 62.3 53.4 80.0



#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



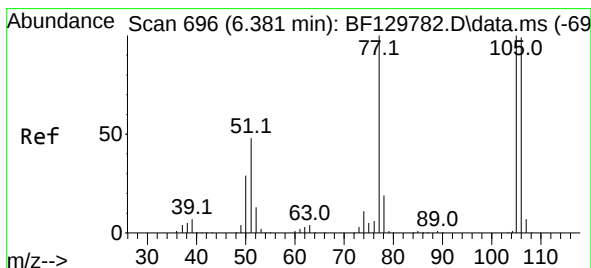
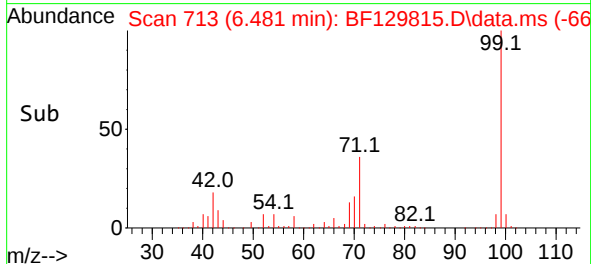
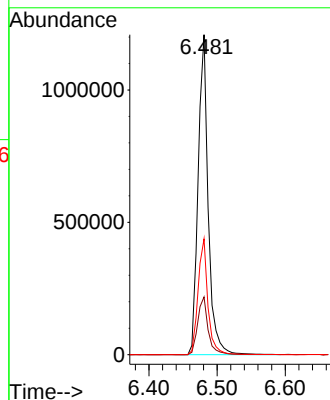
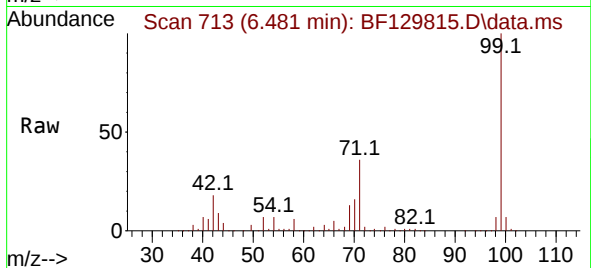


#7
Phenol-d6
Concen: 113.936 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF129815.D
Acq: 16 Aug 2022 17:33

Instrument :
BNA_F
ClientSampleId :
WC-4

Tgt Ion: 99 Resp: 1241837

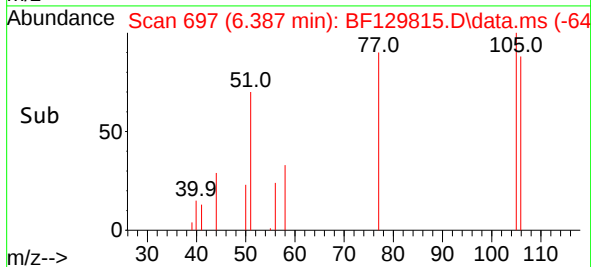
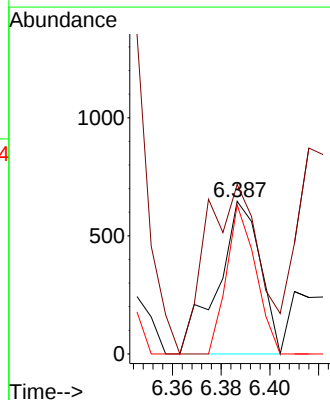
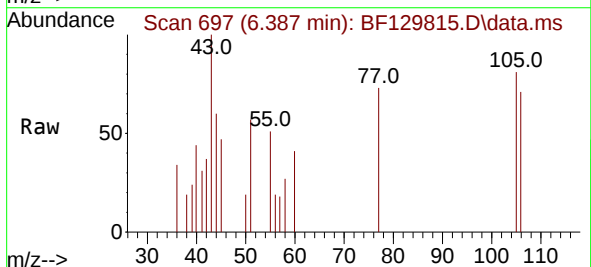
Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.0	22.4
71	36.2	28.8	43.2

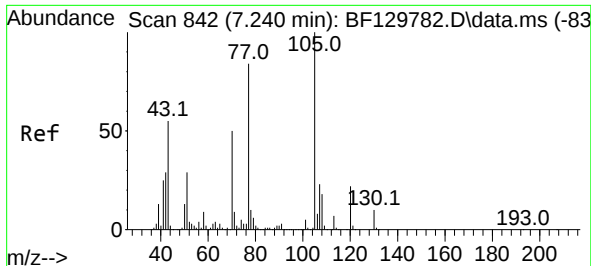


#9
Benzaldehyde
Concen: Below Cal
RT: 6.387 min Scan# 697
Delta R.T. 0.006 min
Lab File: BF129815.D
Acq: 16 Aug 2022 17:33

Tgt Ion: 77 Resp: 779

Ion	Ratio	Lower	Upper
77	100		
105	111.0	80.3	120.3
106	97.7	74.3	114.3

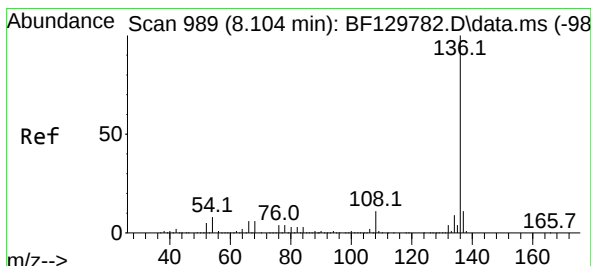
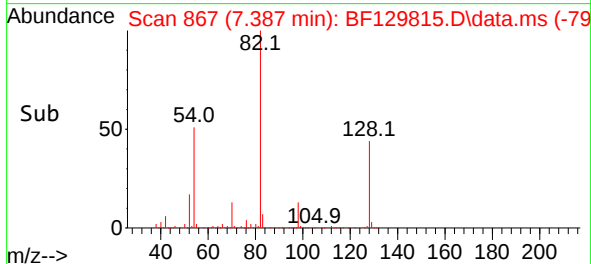
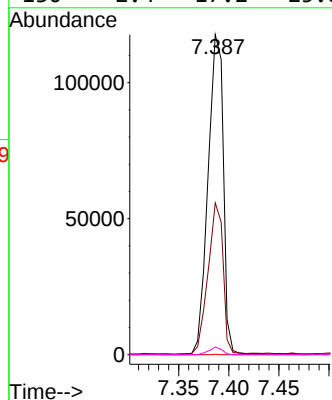
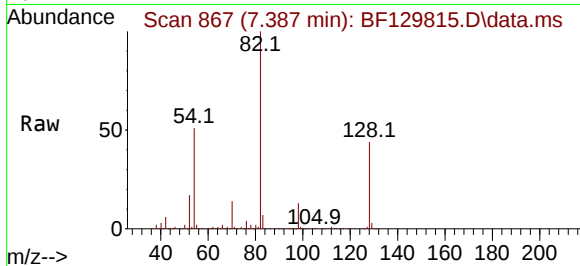




#19
n-Nitroso-di-n-propylamine
Concen: 18.254 ng
RT: 7.387 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129815.D
Acq: 16 Aug 2022 17:33

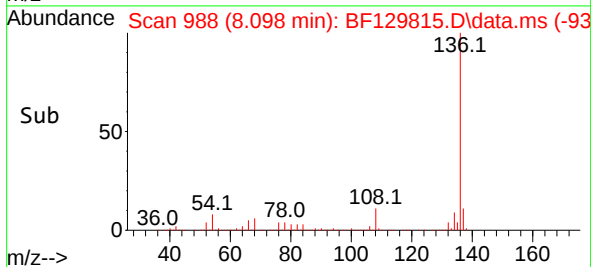
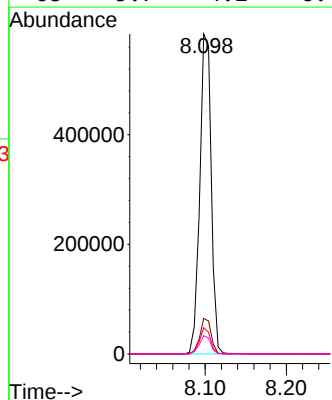
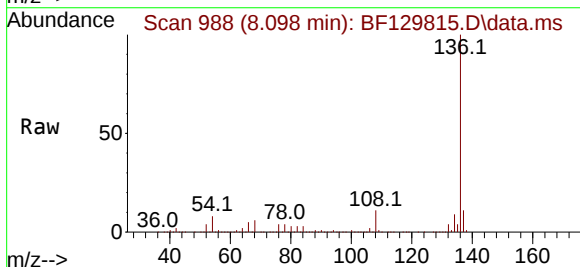
Instrument :
BNA_F
ClientSampleId :
WC-4

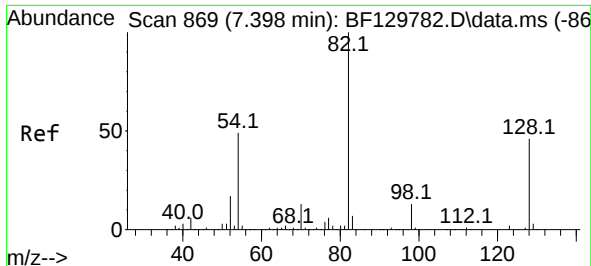
Tgt Ion: 70 Resp: 125762
Ion Ratio Lower Upper
70 100
42 47.4 47.6 71.4#
101 0.2 8.1 12.1#
130 2.4 17.2 25.8#



#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

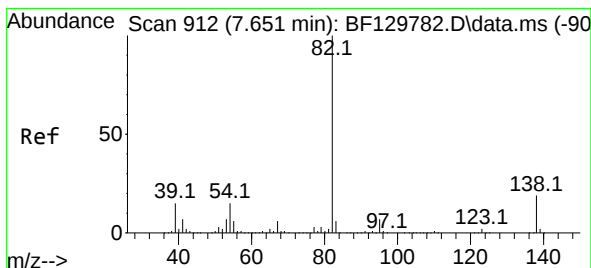
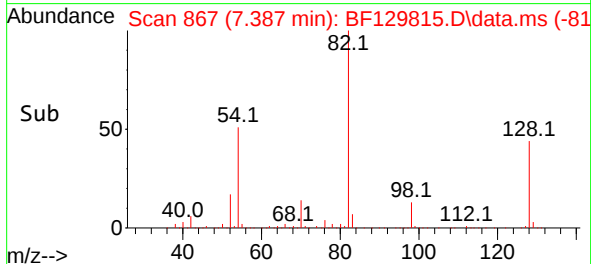
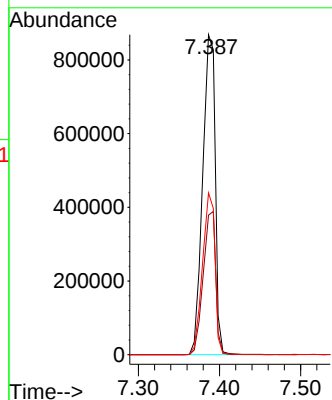
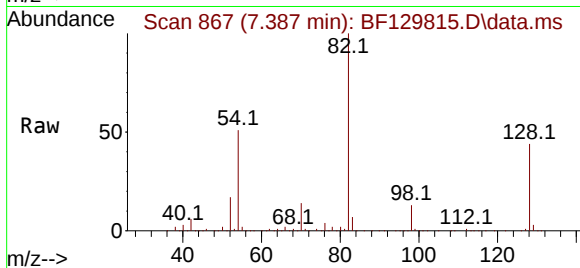




#23
Nitrobenzene-d5
Concen: 87.176 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF129815.D
Acq: 16 Aug 2022 17:33

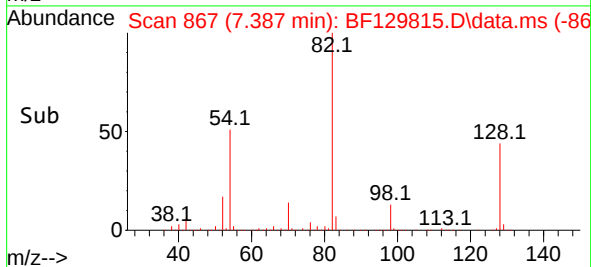
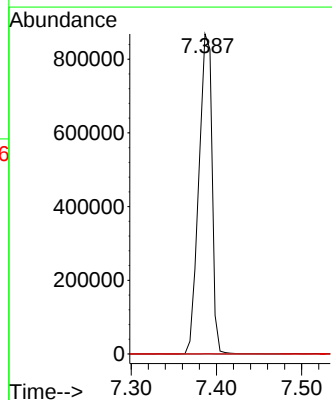
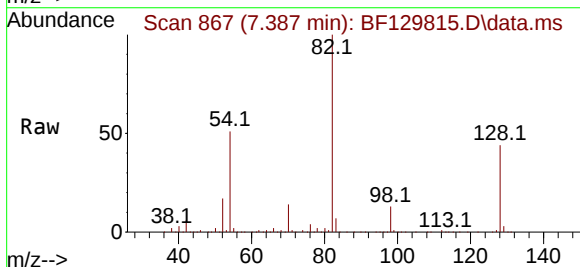
Instrument :
BNA_F
ClientSampleId :
WC-4

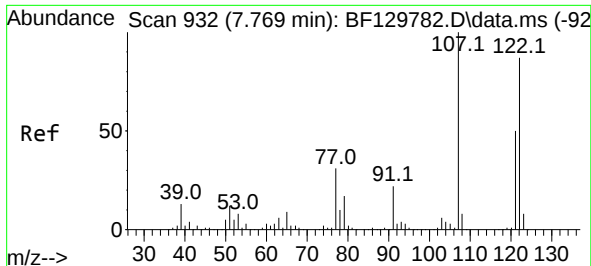
Tgt Ion: 82 Resp: 934877
Ion Ratio Lower Upper
82 100
128 43.6 36.1 54.1
54 50.5 40.0 60.0



#25
Isophorone
Concen: 50.649 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.265 min
Lab File: BF129815.D
Acq: 16 Aug 2022 17:33

Tgt Ion: 82 Resp: 934871
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

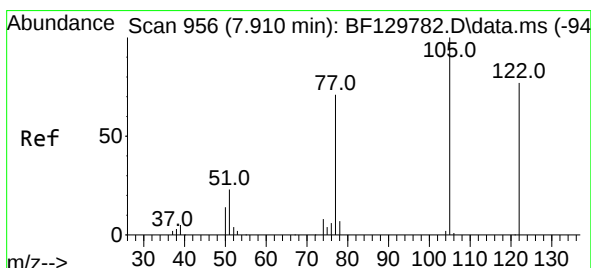
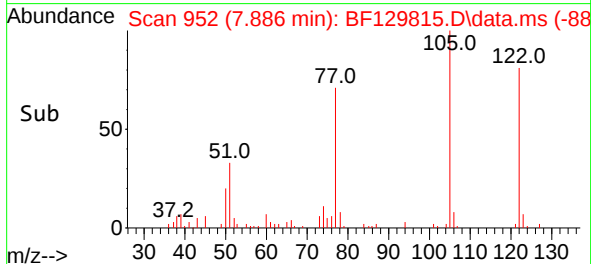
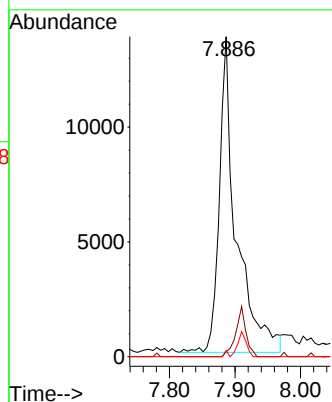
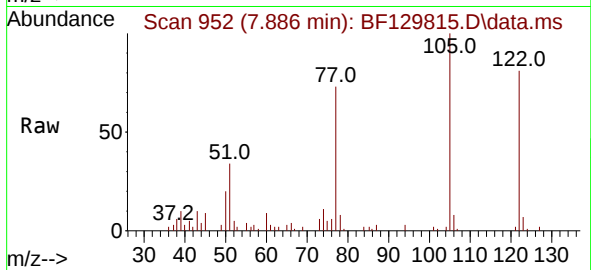




#27
2,4-Dimethylphenol
Concen: 3.222 ng
RT: 7.886 min Scan# 91
Delta R.T. 0.118 min
Lab File: BF129815.D
Acq: 16 Aug 2022 17:33

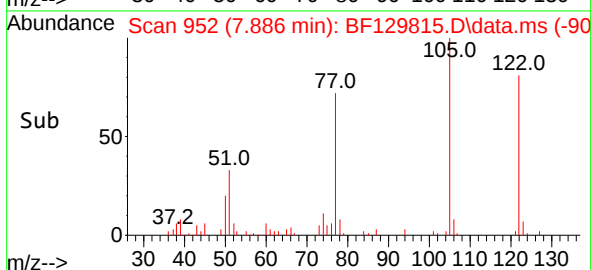
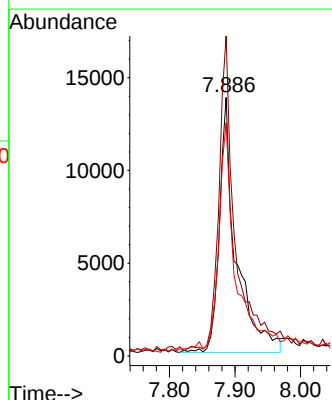
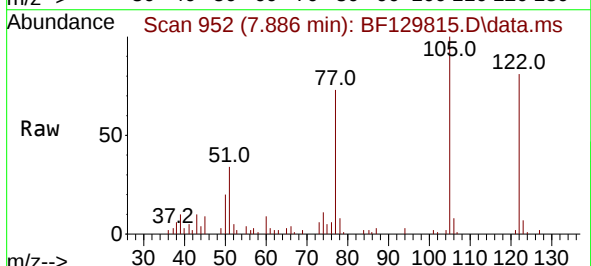
Instrument :
BNA_F
ClientSampleId :
WC-4

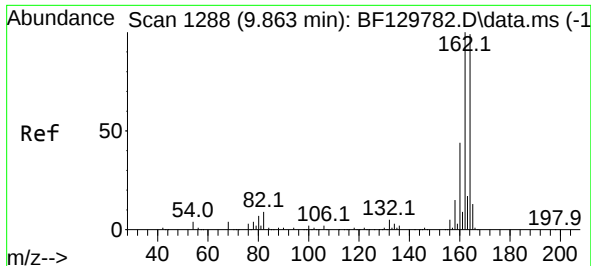
Tgt Ion:122 Resp: 24581
Ion Ratio Lower Upper
122 100
107 1.6 92.2 138.4#
121 1.9 46.1 69.1#



#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

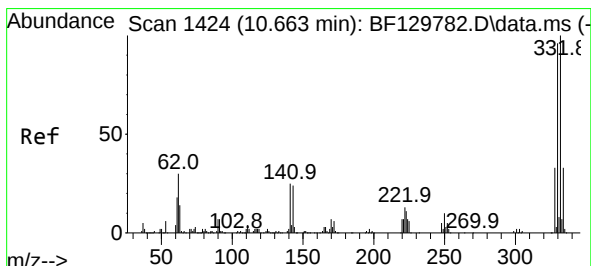
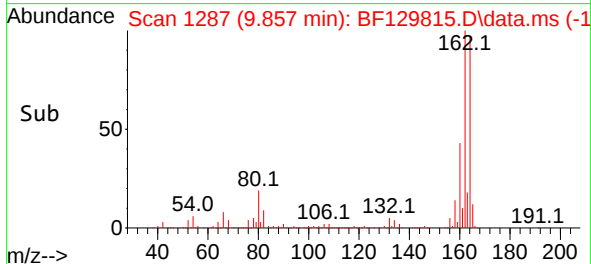
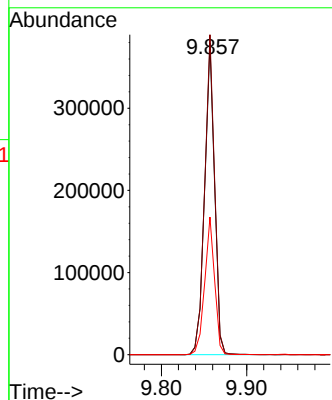
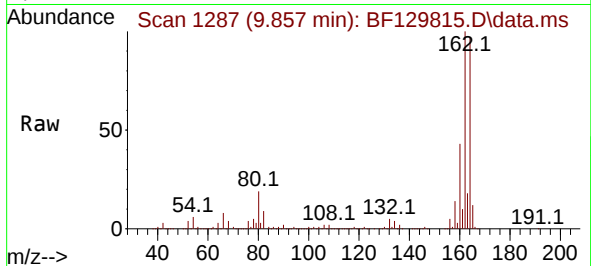




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129815.D
Acq: 16 Aug 2022 17:33

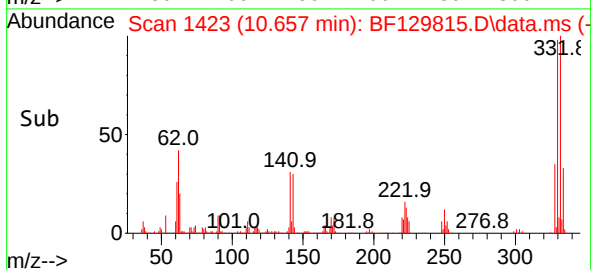
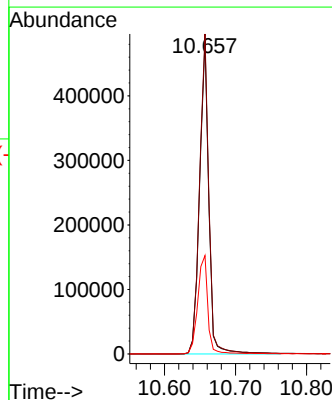
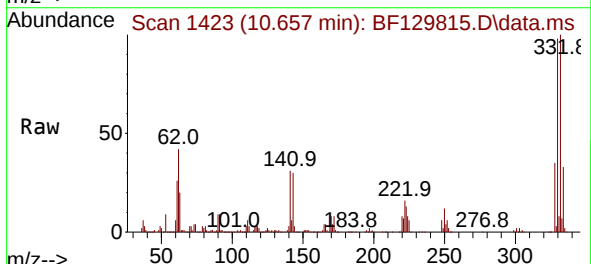
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ClientSampleId :
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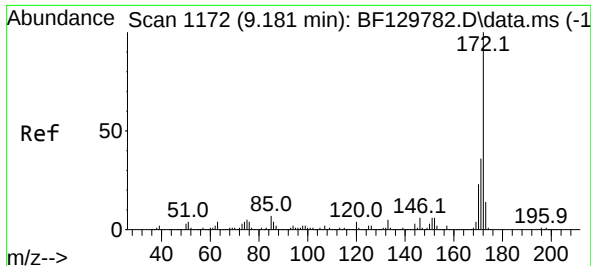
Tgt Ion:164 Resp: 309418
Ion Ratio Lower Upper
164 100
162 102.7 82.0 123.0
160 44.1 35.4 53.0



#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# 11

Delta R.T. -0.012 min

Lab File: BF129815.D

Acq: 16 Aug 2022 17:33

Instrument :

BNA_F

ClientSampleId :

WC-4

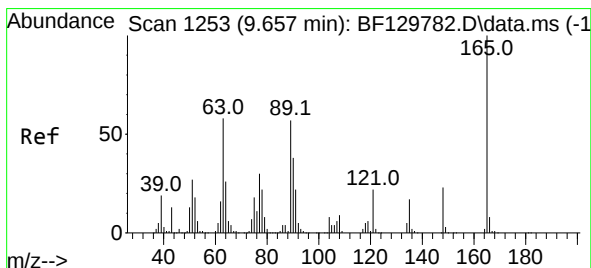
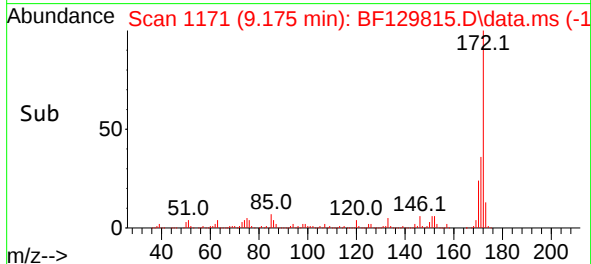
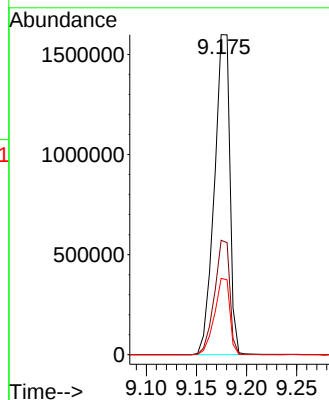
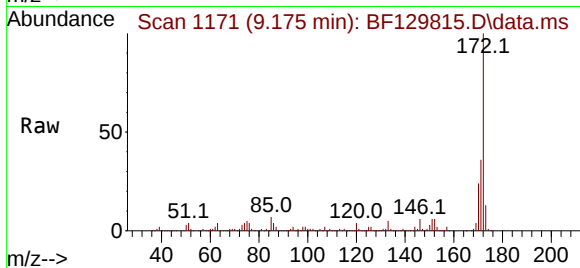
Tgt Ion:172 Resp: 1723544

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.9 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 8.208 ng

RT: 9.857 min Scan# 1287

Delta R.T. 0.200 min

Lab File: BF129815.D

Acq: 16 Aug 2022 17:33

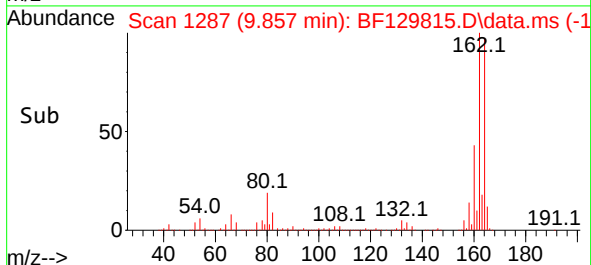
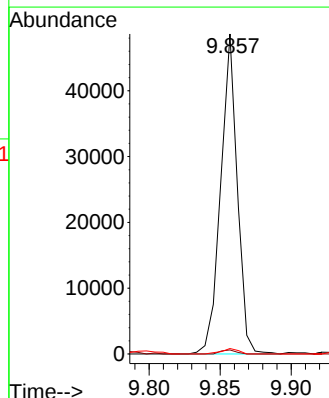
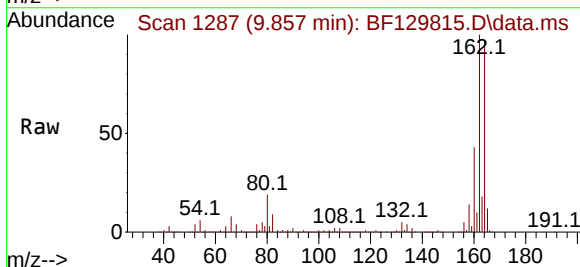
Tgt Ion:165 Resp: 39496

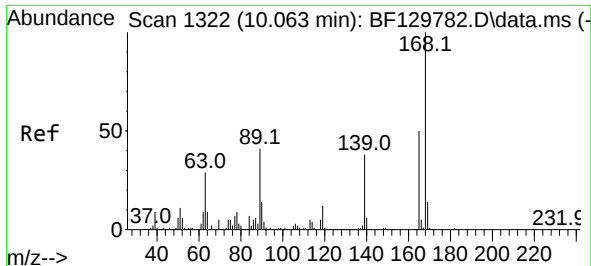
Ion Ratio Lower Upper

165 100

63 1.3 47.8 71.8#

89 1.7 47.2 70.8#

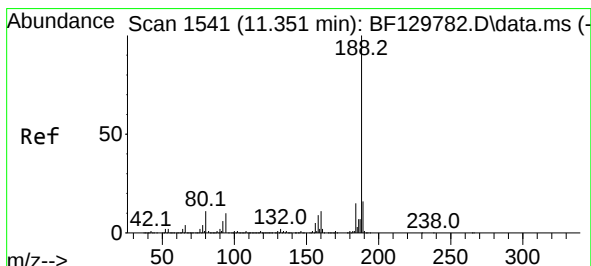
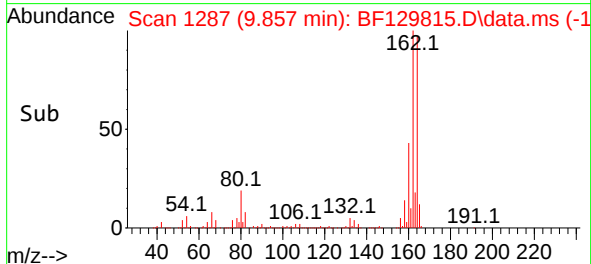
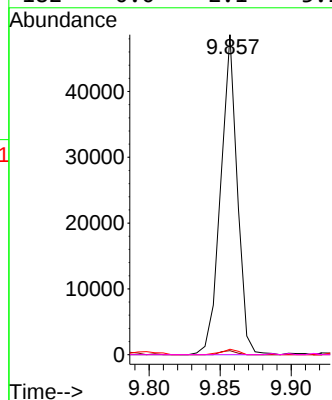
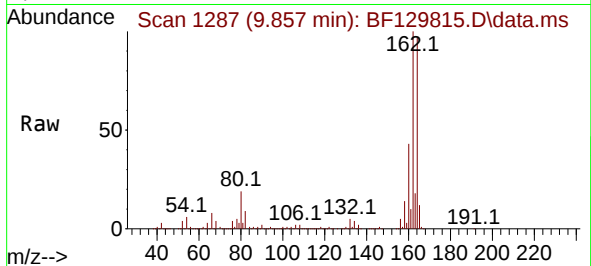




#57
2,4-Dinitrotoluene
Concen: 6.323 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF129815.D
Acq: 16 Aug 2022 17:33

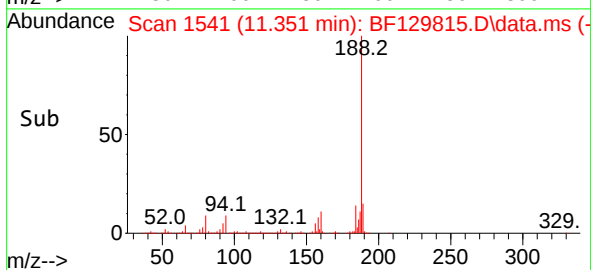
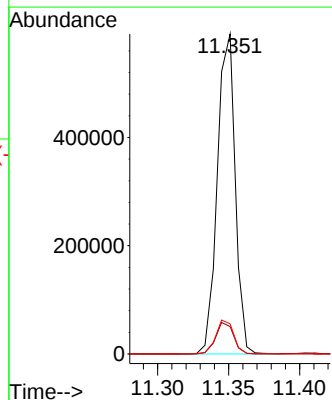
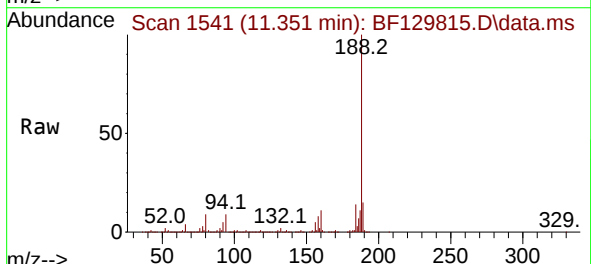
Instrument :
BNA_F
ClientSampleId :
WC-4

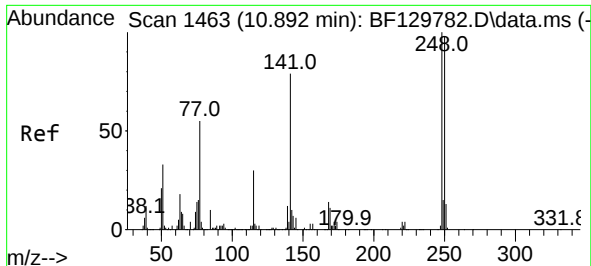
Tgt Ion:165 Resp: 39496
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.7 62.3 93.5#
182 0.0 2.1 3.1#



#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

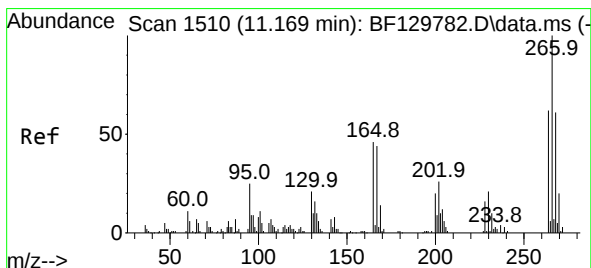
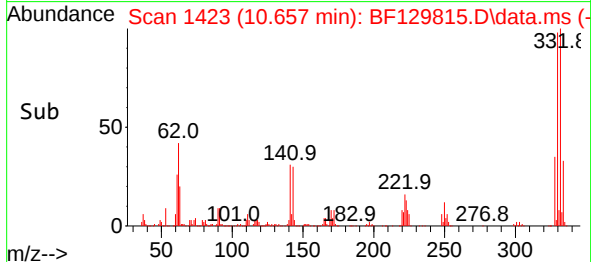
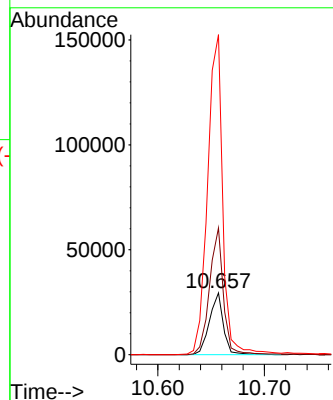
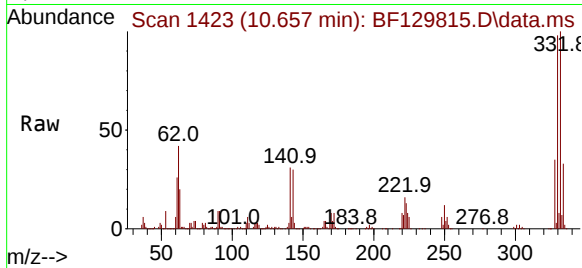




#67
4-Bromophenyl-phenylether
Concen: 4.449 ng
RT: 10.657 min Scan# 1463
Delta R.T. -0.235 min
Lab File: BF129815.D
Acq: 16 Aug 2022 17:33

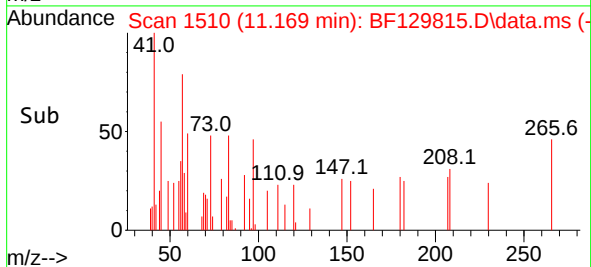
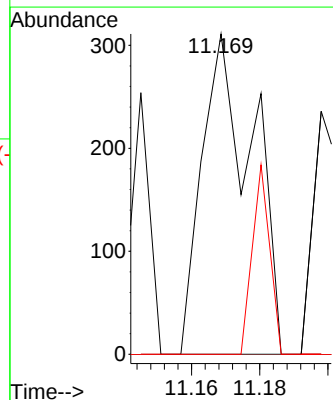
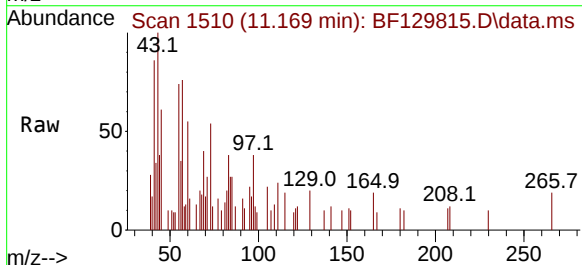
Instrument :
BNA_F
ClientSampleId :
WC-4

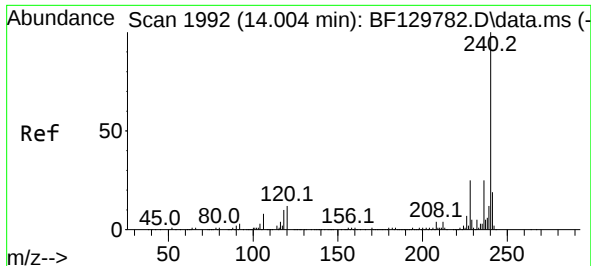
Tgt Ion:248 Resp: 26960
Ion Ratio Lower Upper
248 100
250 205.1 77.8 116.6#
141 517.6 66.2 99.2#



#70
Pentachlorophenol
Concen: 5.334 ng
RT: 11.169 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF129815.D
Acq: 16 Aug 2022 17:33

Tgt Ion:266 Resp: 320
Ion Ratio Lower Upper
266 100
268 0.0 49.0 73.4#
264 0.0 47.9 71.9#

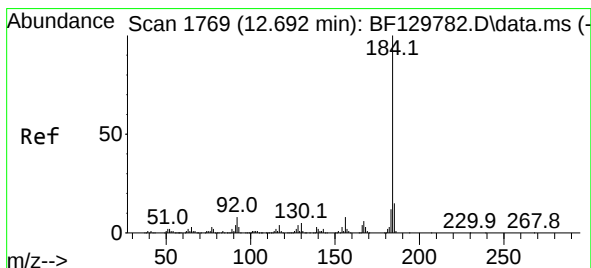
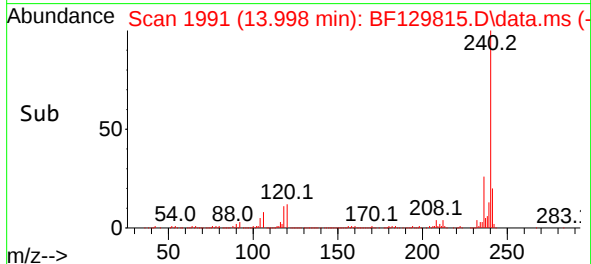
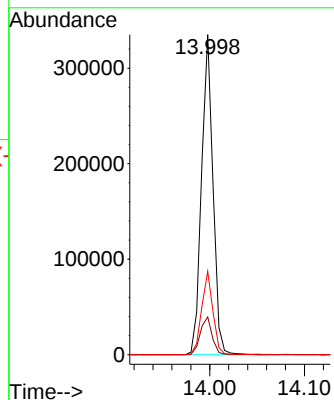
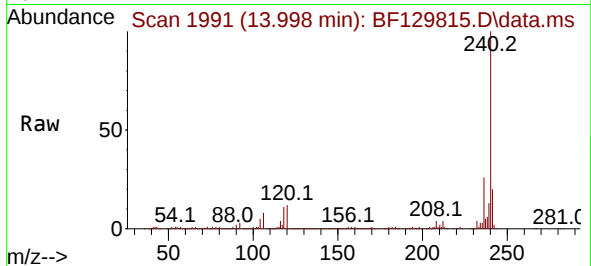




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF129815.D
Acq: 16 Aug 2022 17:33

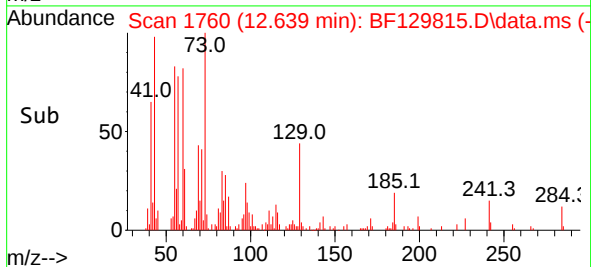
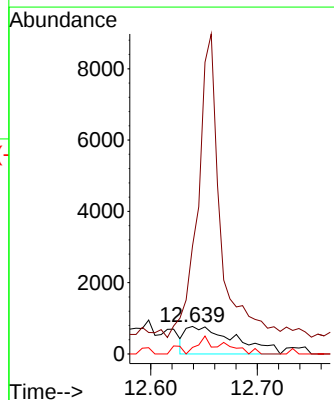
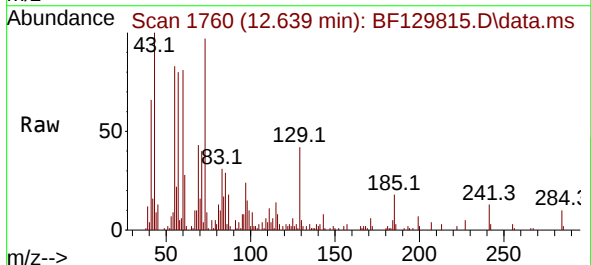
Instrument :
BNA_F
ClientSampleId :
WC-4

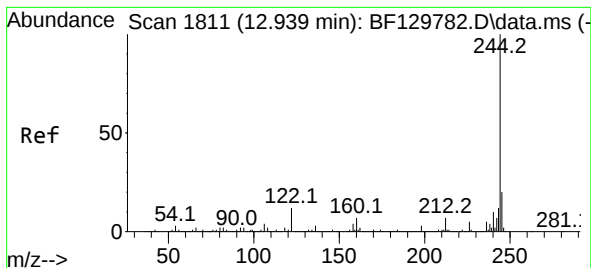
Tgt Ion:240 Resp: 282901
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 26.0 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.639 min Scan# 1760
Delta R.T. -0.053 min
Lab File: BF129815.D
Acq: 16 Aug 2022 17:33

Tgt Ion:184 Resp: 2508
Ion Ratio Lower Upper
184 100
185 392.4 11.4 17.2#
183 23.8 9.4 14.2#





#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

Instrument :

BNA_F

ClientSampleId :

WC-4

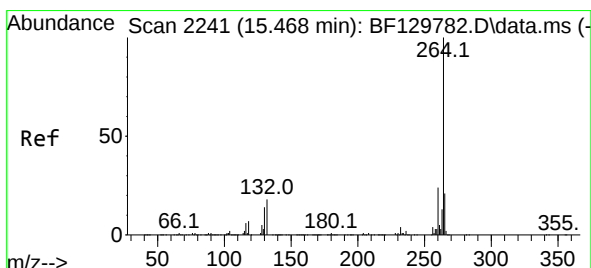
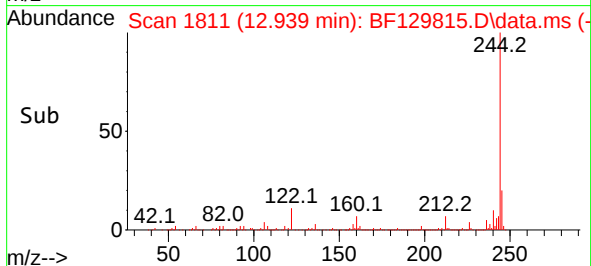
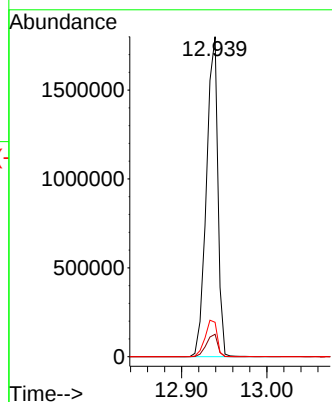
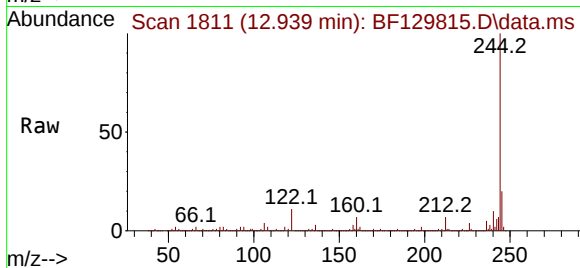
Tgt Ion:244 Resp: 1669979

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

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

