

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
 Data File : BF129788.D
 Acq On : 15 Aug 2022 19:11
 Operator : CG\JU
 Sample : N4197-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-203-IDWSO-20220811-1

Quant Time: Aug 16 03:17:16 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)

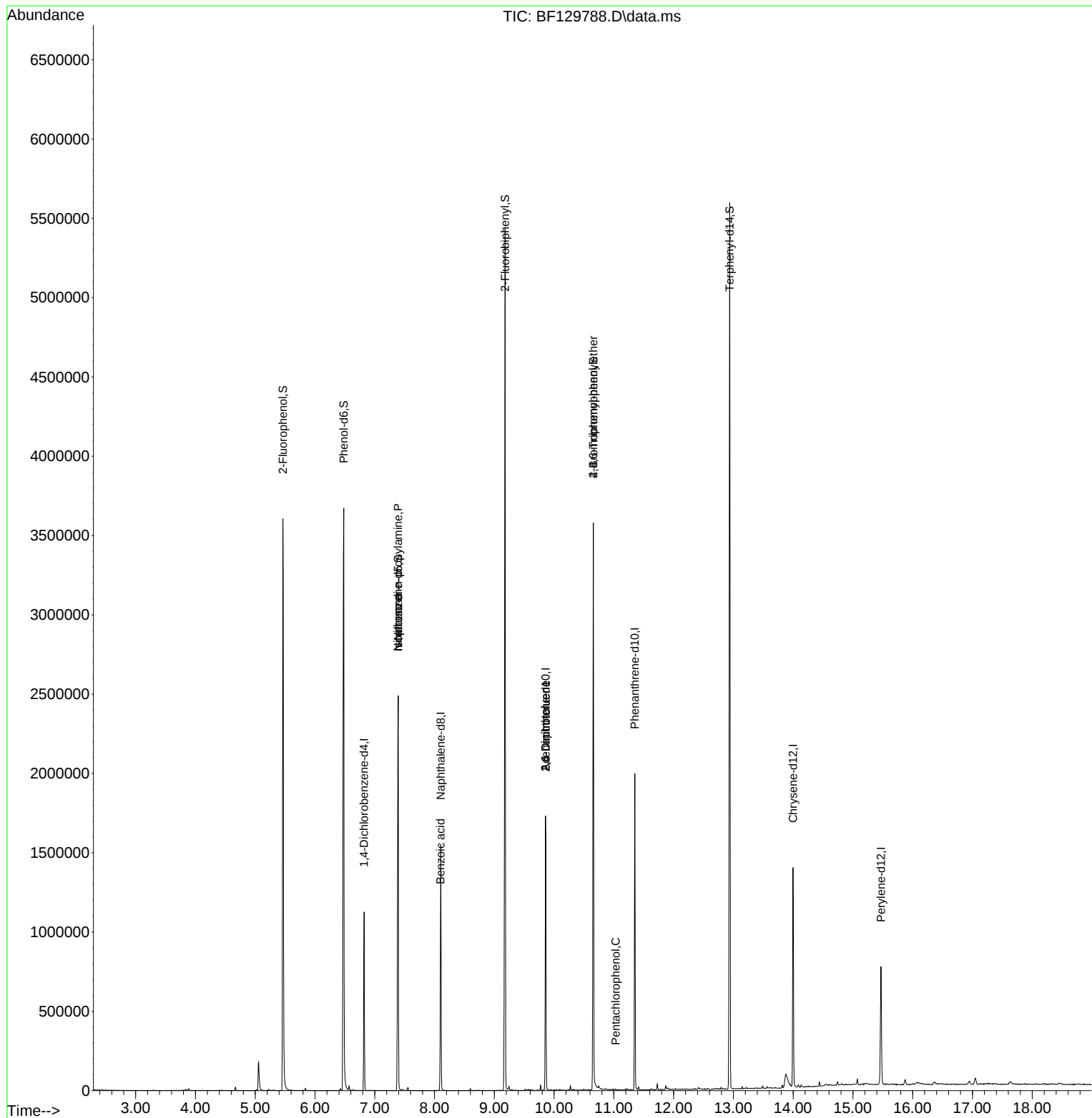
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	156620	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	653396	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	359069	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	636419	20.000	ng	0.00
76) Chrysene-d12	13.998	240	433756	20.000	ng	0.00
86) Perylene-d12	15.468	264	324239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1064978	112.584	ng	0.00
7) Phenol-d6	6.481	99	1355086	114.393	ng	0.00
23) Nitrobenzene-d5	7.392	82	869182	71.211	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	416945	115.696	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1674517	70.829	ng	0.00
79) Terphenyl-d14	12.939	244	1943154	74.542	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.404	77	370	Below Cal	#	35
19) n-Nitroso-di-n-propyla...	7.392	70	115196	15.385	ng	# 76
25) Isophorone	7.392	82	869174	41.374	ng	# 65
32) Benzoic acid	8.098	122	245	2.232	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	46695	8.363	ng	# 22
57) 2,4-Dinitrotoluene	9.857	165	46695	6.442	ng	# 17
67) 4-Bromophenyl-phenylether	10.657	248	25833	3.466	ng	# 1
70) Pentachlorophenol	11.033	266	54	5.203	ng	# 20
77) Benzidine	12.698	184	1317	Below Cal	#	79

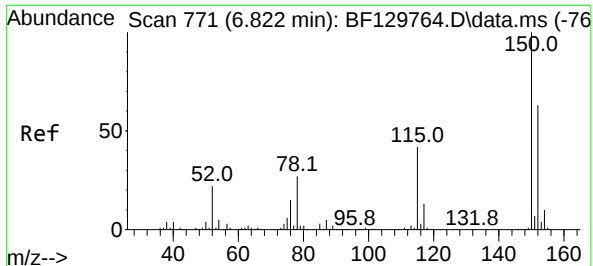
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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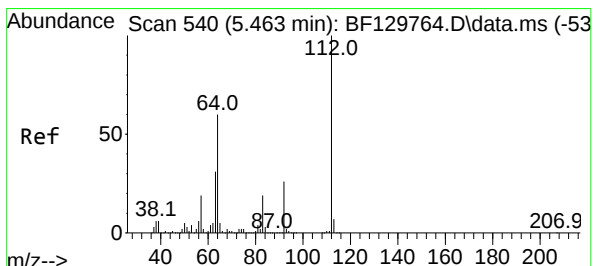
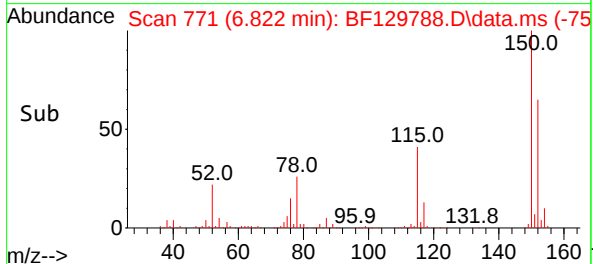
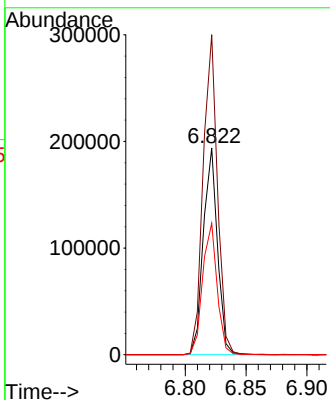
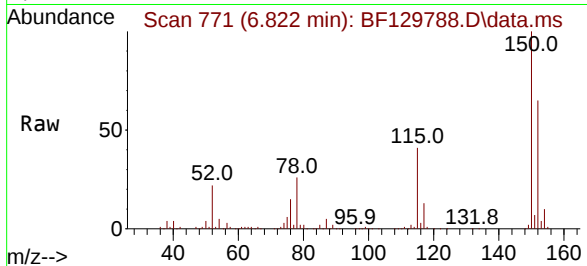




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129788.D
Acq: 15 Aug 2022 19:11

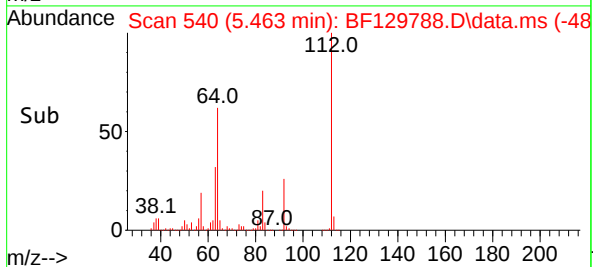
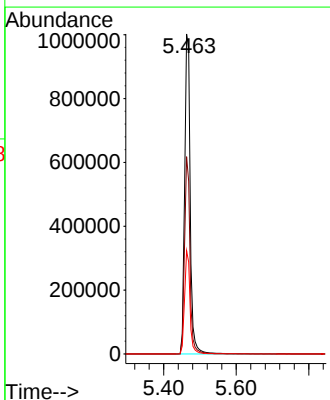
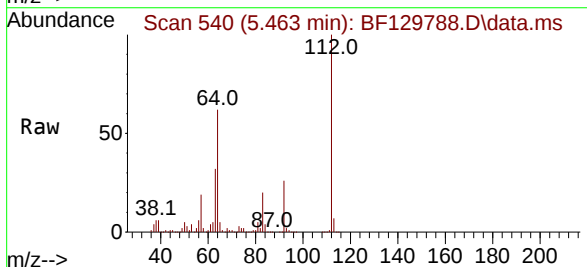
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BNA_F
ClientSampleId :
TT-203-IDWSO-20220811-1

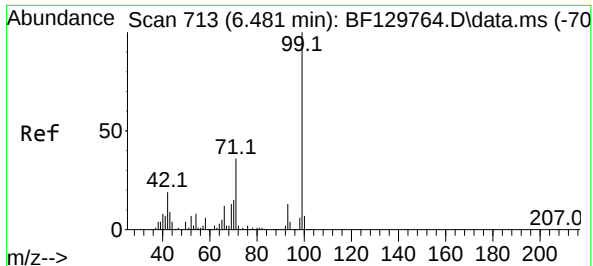
Tgt Ion:152 Resp: 156620
Ion Ratio Lower Upper
152 100
150 154.8 126.9 190.3
115 63.5 53.4 80.0



#5
2-Fluorophenol
Concen: 112.584 ng
RT: 5.463 min Scan# 540
Delta R.T. -0.000 min
Lab File: BF129788.D
Acq: 15 Aug 2022 19:11

Tgt Ion:112 Resp: 1064978
Ion Ratio Lower Upper
112 100
64 61.7 47.6 71.4
63 32.2 24.6 37.0

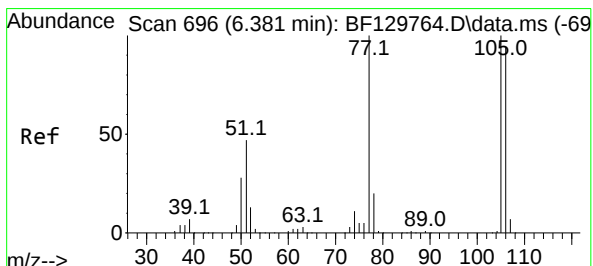
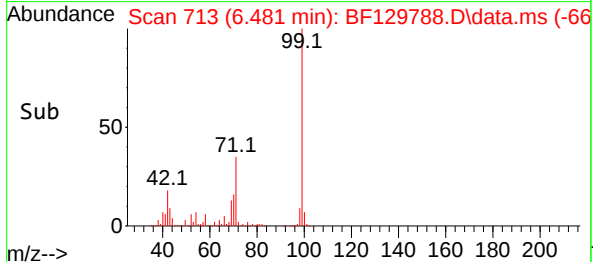
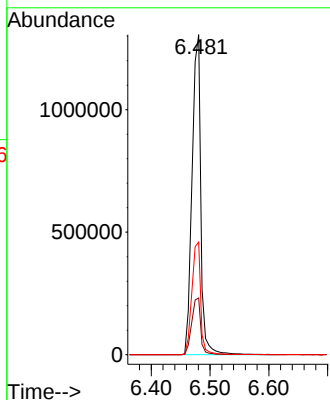
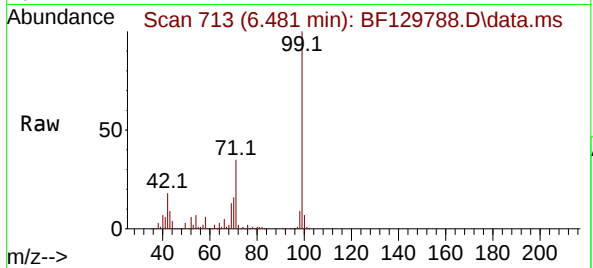




#7
Phenol-d6
Concen: 114.393 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF129788.D
Acq: 15 Aug 2022 19:11

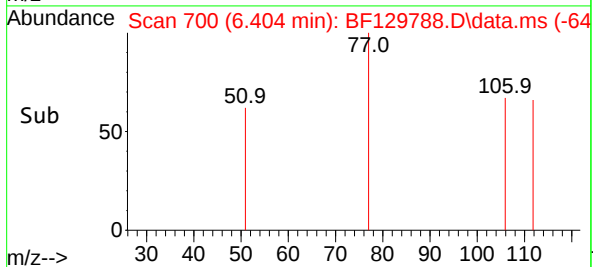
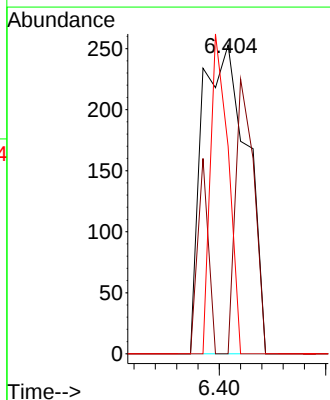
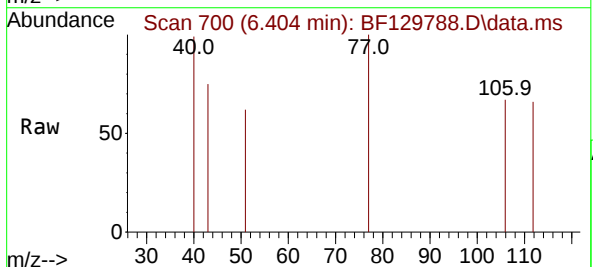
Instrument :
BNA_F
ClientSampleId :
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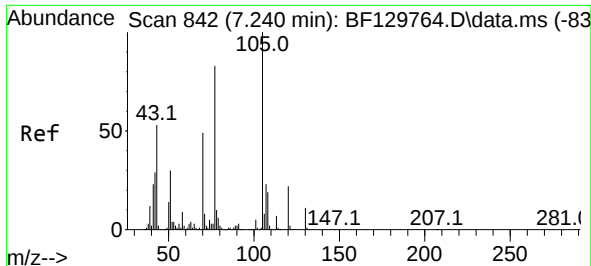
Tgt Ion: 99 Resp: 1355086
Ion Ratio Lower Upper
99 100
42 17.7 15.0 22.4
71 35.2 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.404 min Scan# 700
Delta R.T. 0.023 min
Lab File: BF129788.D
Acq: 15 Aug 2022 19:11

Tgt Ion: 77 Resp: 370
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 67.2 74.3 114.3#

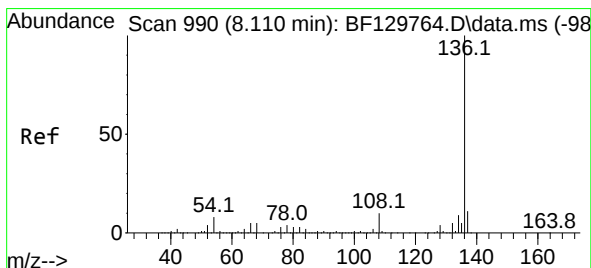
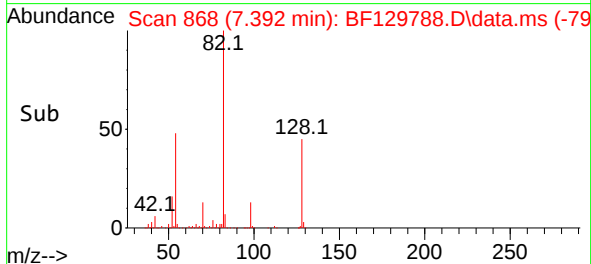
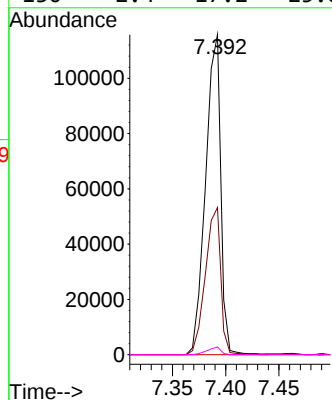
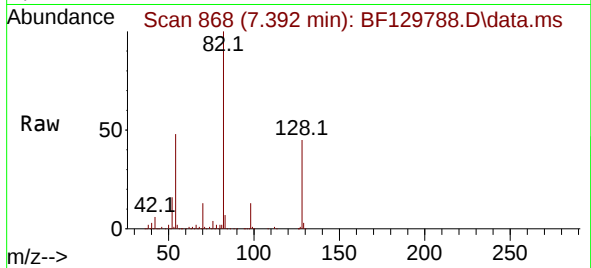




#19
n-Nitroso-di-n-propylamine
Concen: 15.385 ng
RT: 7.392 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129788.D
Acq: 15 Aug 2022 19:11

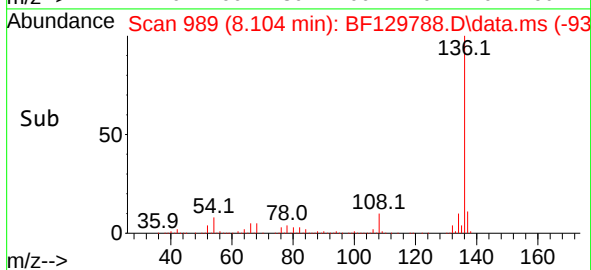
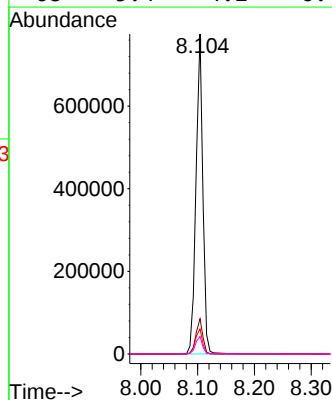
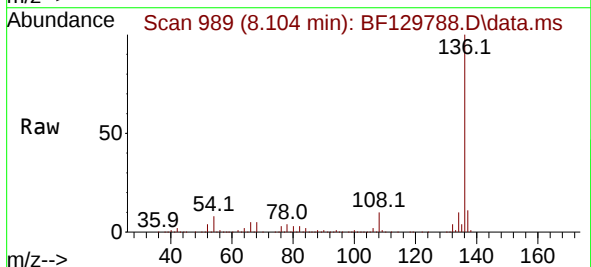
Instrument :
BNA_F
ClientSampleId :
TT-203-IDWSO-20220811-1

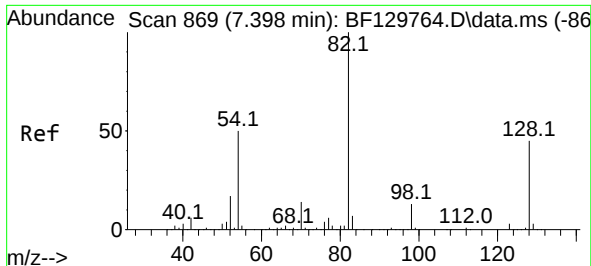
Tgt Ion: 70 Resp: 115196
Ion Ratio Lower Upper
70 100
42 46.0 47.6 71.4#
101 0.0 8.1 12.1#
130 2.4 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129788.D
Acq: 15 Aug 2022 19:11

Tgt Ion: 136 Resp: 653396
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.9 6.2 9.2
68 5.4 4.2 6.4

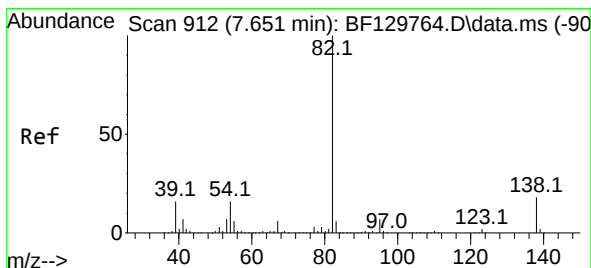
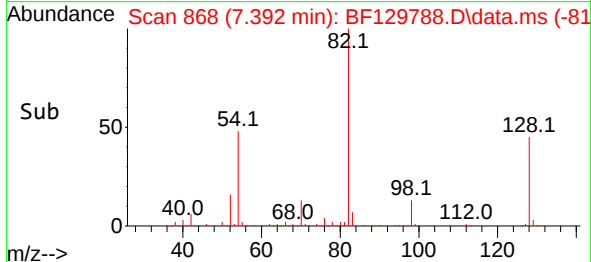
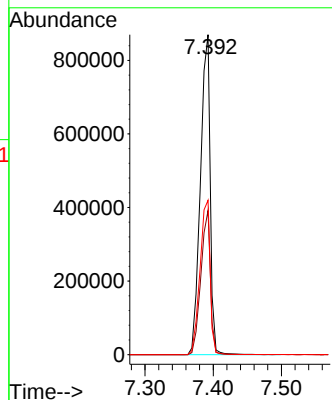
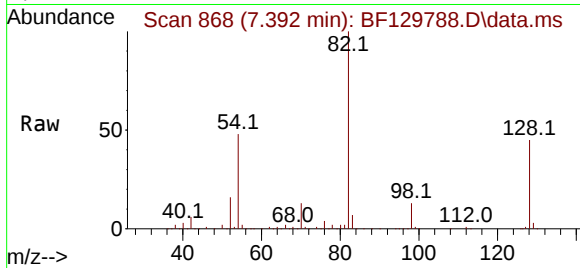




#23
Nitrobenzene-d5
Concen: 71.211 ng
RT: 7.392 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF129788.D
Acq: 15 Aug 2022 19:11

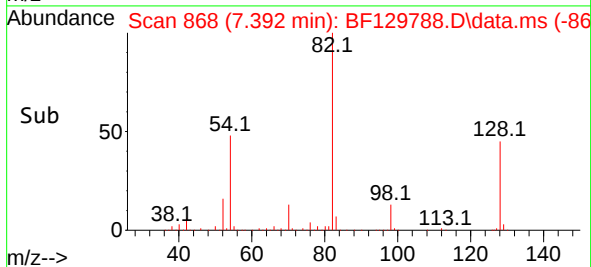
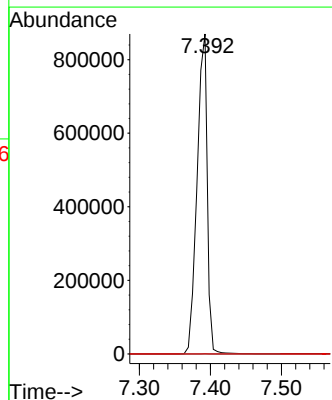
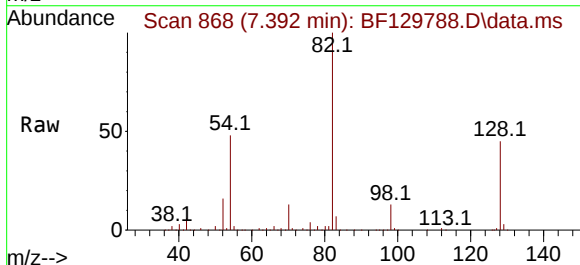
Instrument :
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ClientSampleId :
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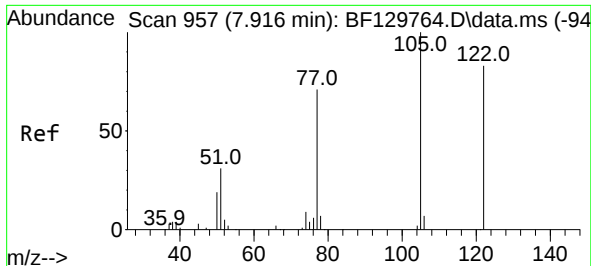
Tgt Ion: 82 Resp: 869182
Ion Ratio Lower Upper
82 100
128 45.1 36.1 54.1
54 48.3 40.0 60.0



#25
Isophorone
Concen: 41.374 ng
RT: 7.392 min Scan# 868
Delta R.T. -0.259 min
Lab File: BF129788.D
Acq: 15 Aug 2022 19:11

Tgt Ion: 82 Resp: 869174
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

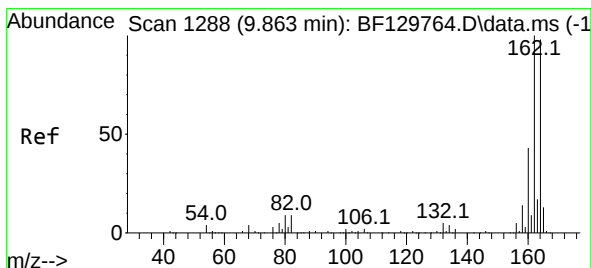
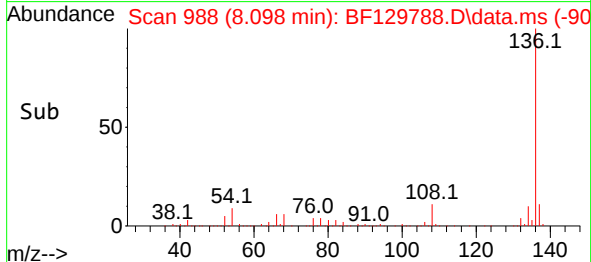
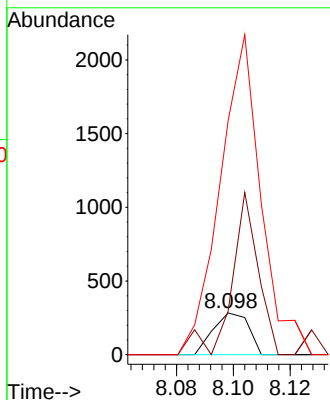
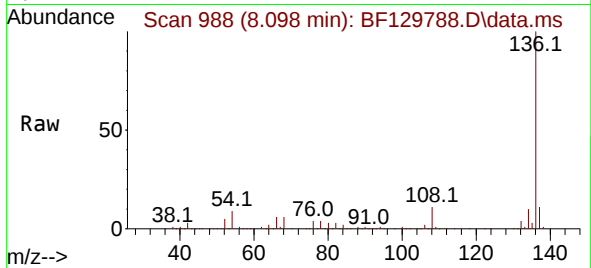




#32
Benzoic acid
Concen: 2.232 ng
RT: 8.098 min Scan# 91
Delta R.T. 0.182 min
Lab File: BF129788.D
Acq: 15 Aug 2022 19:11

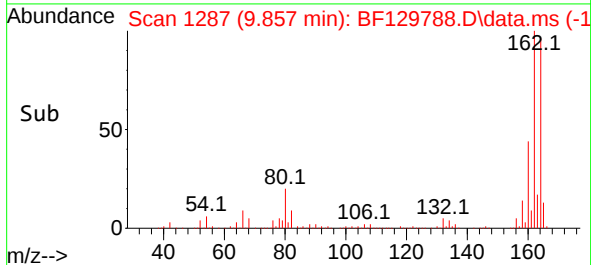
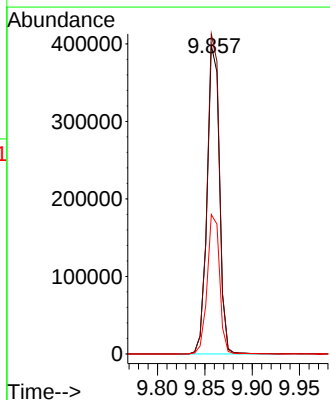
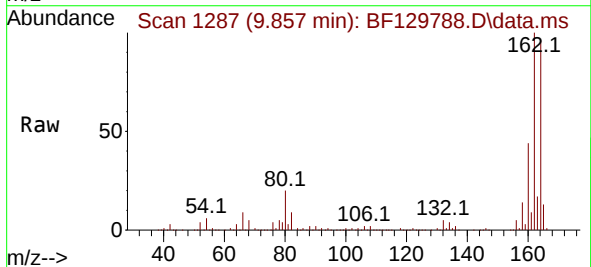
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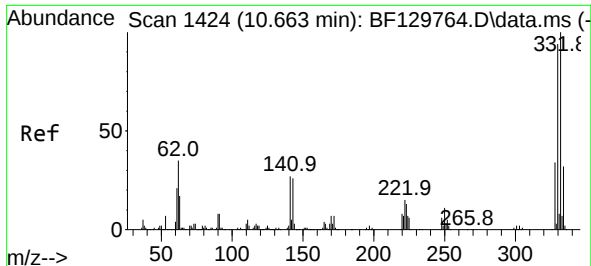
Tgt Ion:122 Resp: 245
Ion Ratio Lower Upper
122 100
105 103.9 99.9 139.9
77 558.8 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129788.D
Acq: 15 Aug 2022 19:11

Tgt Ion:164 Resp: 359069
Ion Ratio Lower Upper
164 100
162 103.7 82.0 123.0
160 45.2 35.4 53.0

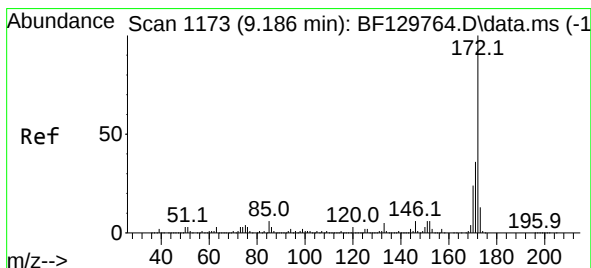
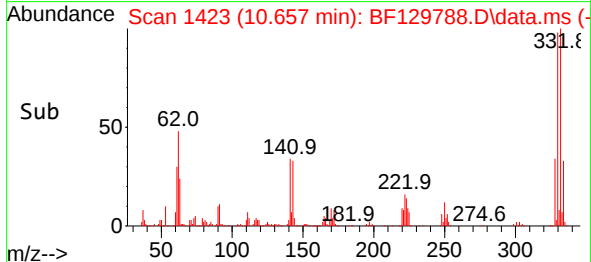
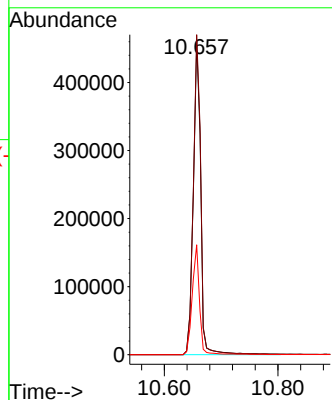
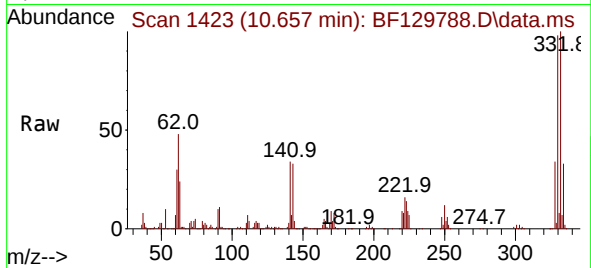




#42
2,4,6-Tribromophenol
Concen: 115.696 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF129788.D
Acq: 15 Aug 2022 19:11

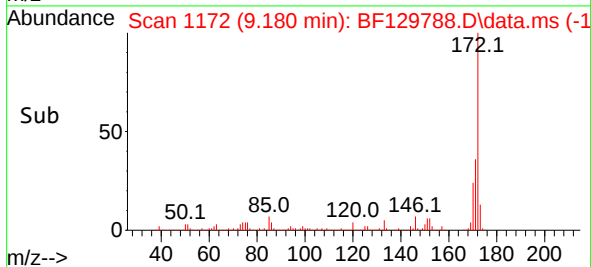
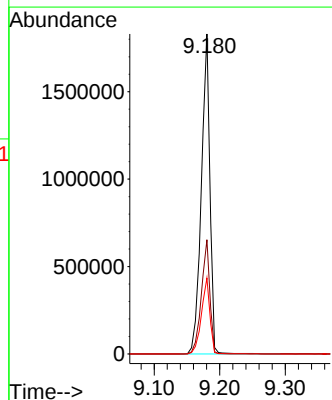
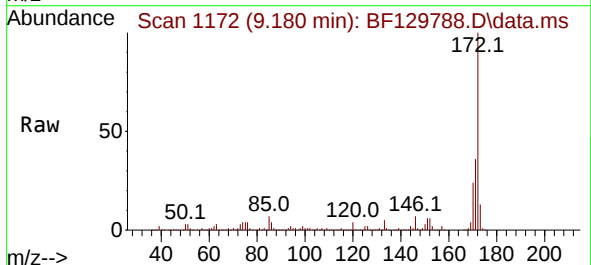
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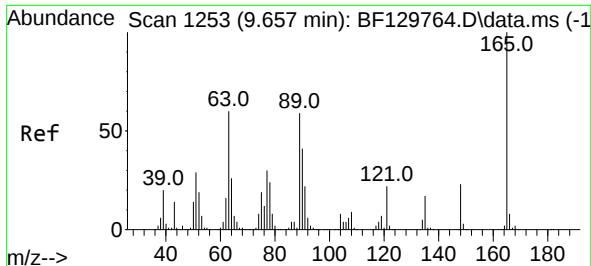
Tgt Ion:330 Resp: 416945
Ion Ratio Lower Upper
330 100
332 101.9 82.6 124.0
141 34.3 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 70.829 ng
RT: 9.180 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF129788.D
Acq: 15 Aug 2022 19:11

Tgt Ion:172 Resp: 1674517
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.8 19.1 28.7

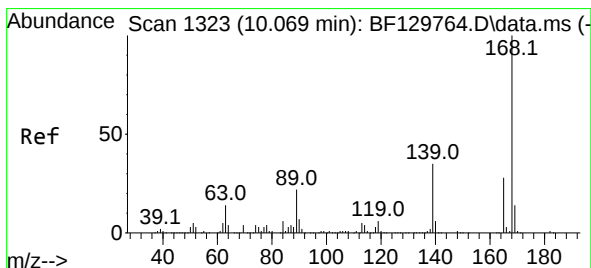
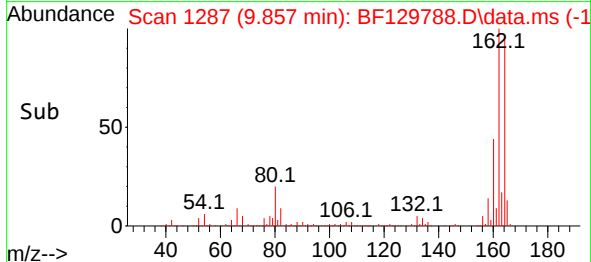
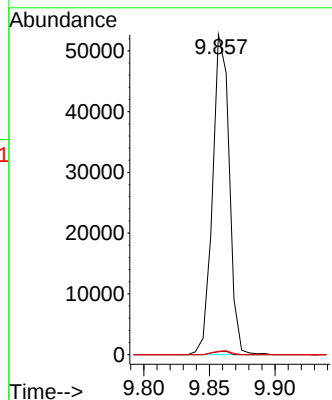
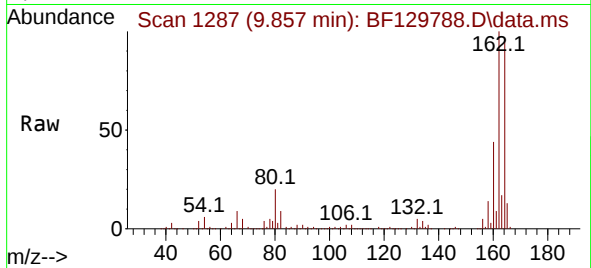




#51
2,6-Dinitrotoluene
Concen: 8.363 ng
RT: 9.857 min Scan# 1287
Delta R.T. 0.200 min
Lab File: BF129788.D
Acq: 15 Aug 2022 19:11

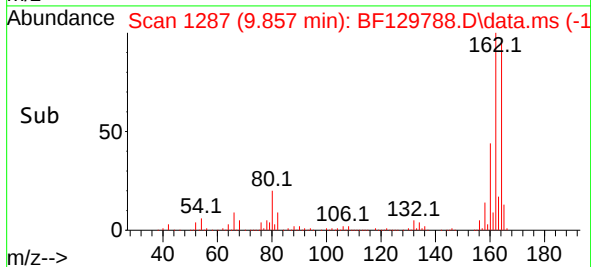
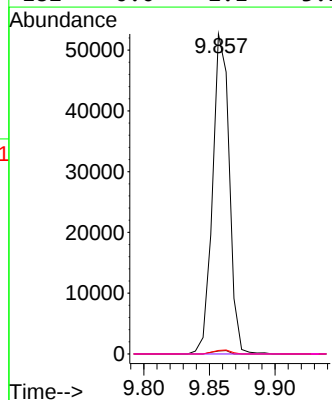
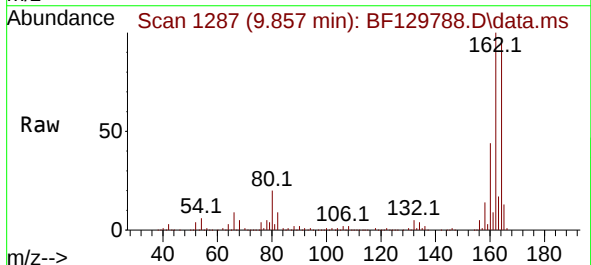
Instrument :
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TT-203-IDWSO-20220811-1

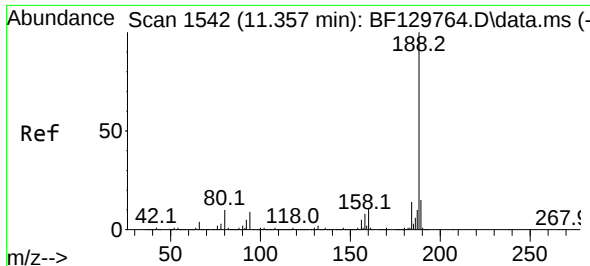
Tgt Ion:165 Resp: 46695
Ion Ratio Lower Upper
165 100
63 0.9 47.8 71.8#
89 1.1 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.442 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.212 min
Lab File: BF129788.D
Acq: 15 Aug 2022 19:11

Tgt Ion:165 Resp: 46695
Ion Ratio Lower Upper
165 100
63 0.9 48.4 72.6#
89 1.1 62.3 93.5#
182 0.0 2.1 3.1#

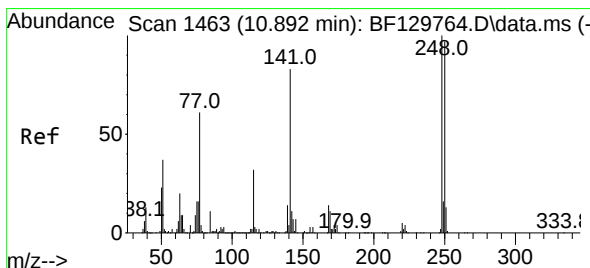
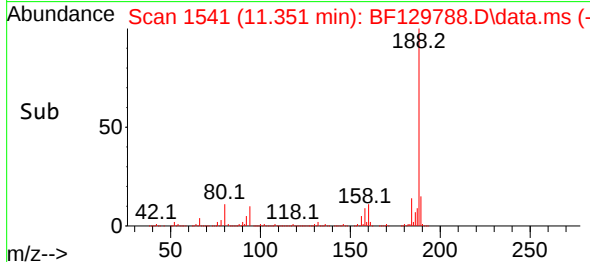
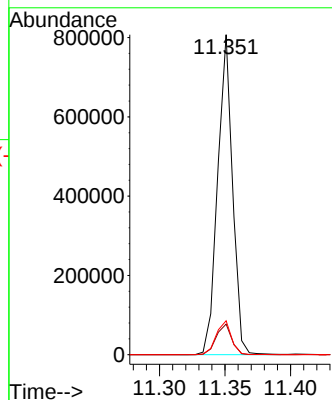
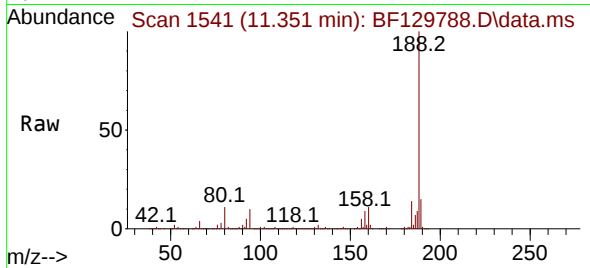




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129788.D
Acq: 15 Aug 2022 19:11

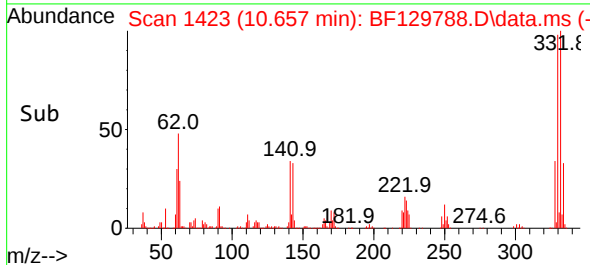
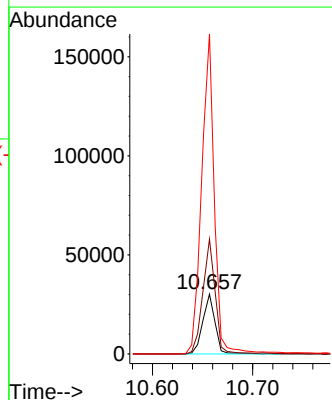
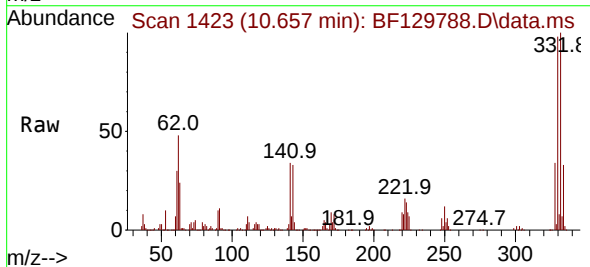
Instrument :
BNA_F
ClientSampleId :
TT-203-IDWSO-20220811-1

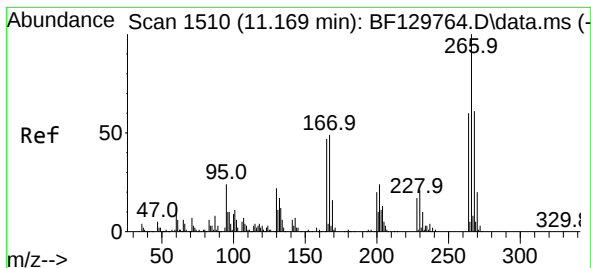
Tgt Ion:188 Resp: 636419
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.6 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.466 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.235 min
Lab File: BF129788.D
Acq: 15 Aug 2022 19:11

Tgt Ion:248 Resp: 25833
Ion Ratio Lower Upper
248 100
250 191.9 77.8 116.6#
141 534.5 66.2 99.2#





#70

Pentachlorophenol

Concen: 5.203 ng

RT: 11.033 min Scan# 14

Delta R.T. -0.136 min

Lab File: BF129788.D

Acq: 15 Aug 2022 19:11

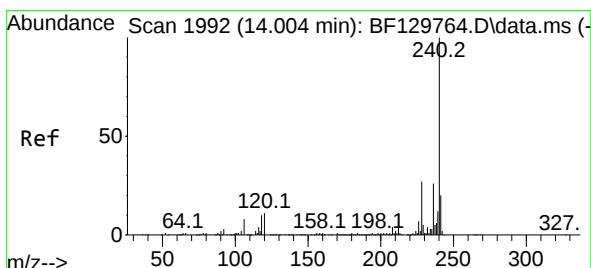
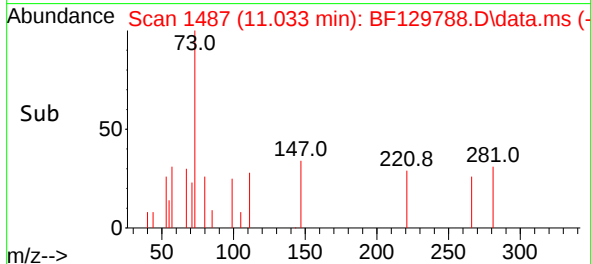
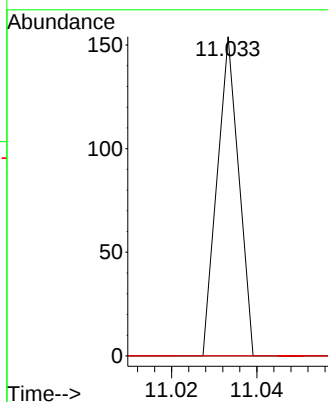
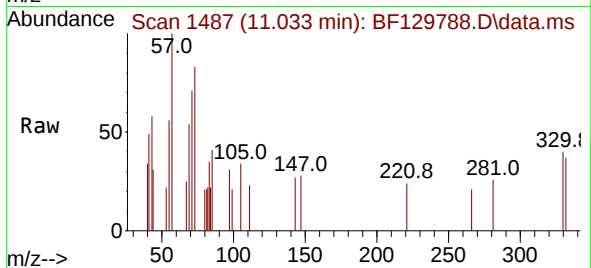
Instrument :

BNA_F

ClientSampleId :

TT-203-IDWSO-20220811-1

Tgt Ion:266	Resp:	54
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

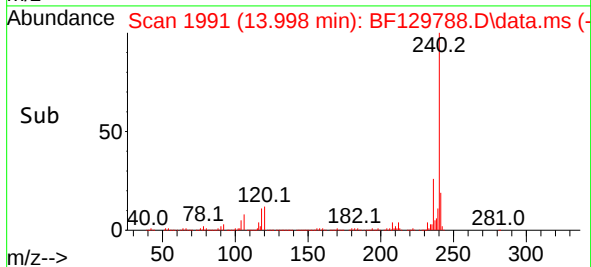
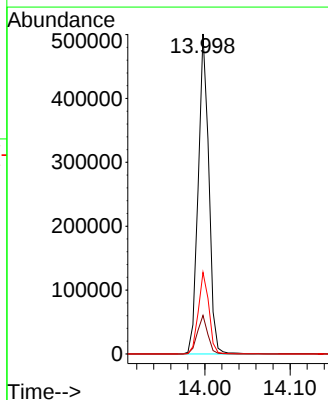
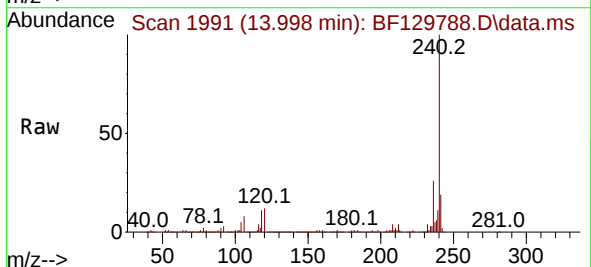
RT: 13.998 min Scan# 1991

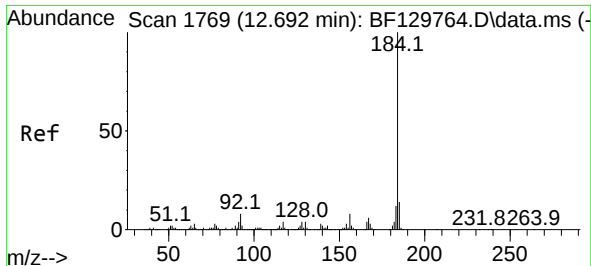
Delta R.T. -0.006 min

Lab File: BF129788.D

Acq: 15 Aug 2022 19:11

Tgt Ion:240	Resp:	433756
Ion Ratio	Lower	Upper
240	100	
120	12.1	9.2 13.8
236	25.5	20.7 31.1

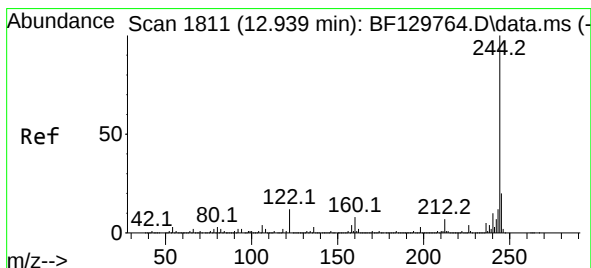
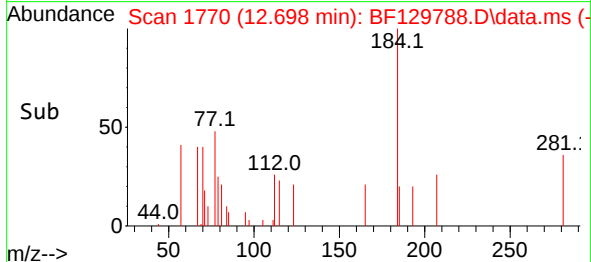
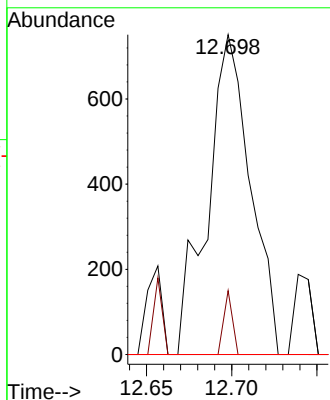
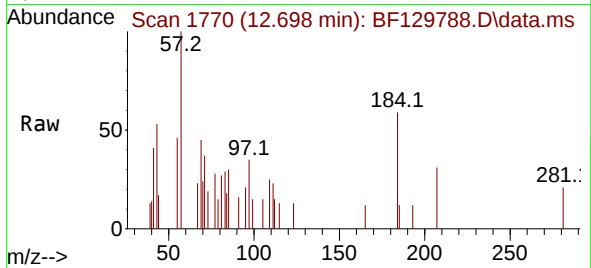




#77
Benzidine
Concen: Below Cal
RT: 12.698 min Scan# 1769
Delta R.T. 0.006 min
Lab File: BF129788.D
Acq: 15 Aug 2022 19:11

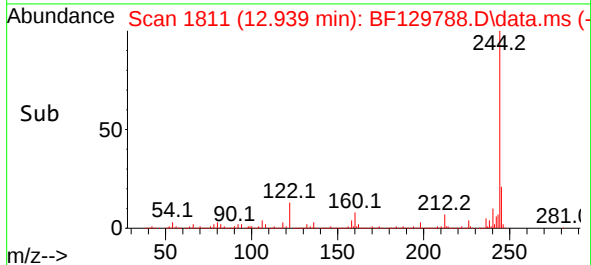
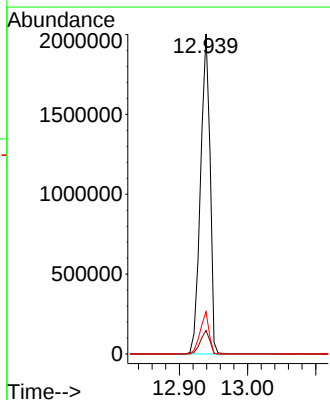
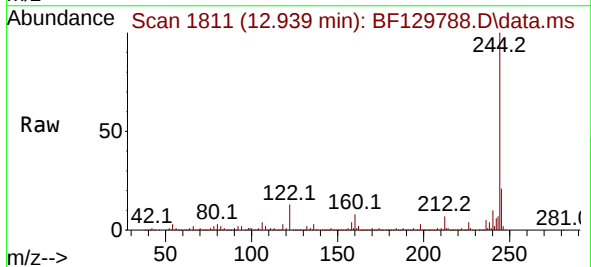
Instrument :
BNA_F
ClientSampleId :
TT-203-IDWSO-20220811-1

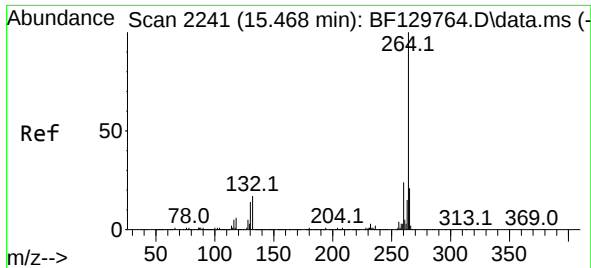
Tgt Ion:184 Resp: 1317
Ion Ratio Lower Upper
184 100
185 20.0 11.4 17.2#
183 0.0 9.4 14.2#



#79
Terphenyl-d14
Concen: 74.542 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF129788.D
Acq: 15 Aug 2022 19:11

Tgt Ion:244 Resp: 1943154
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 13.3 9.9 14.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF129788.D

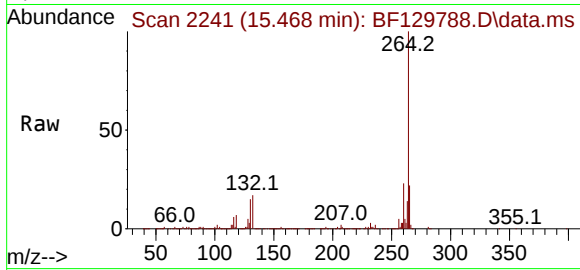
Acq: 15 Aug 2022 19:11

Instrument :

BNA_F

ClientSampleId :

TT-203-IDWSO-20220811-1



Tgt Ion:264 Resp: 324239

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.9 16.7 25.1

