

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
 Data File : BF129165.D
 Acq On : 07 Jul 2022 18:28
 Operator : CG\JU
 Sample : N3617-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Quant Time: Jul 08 01:56:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

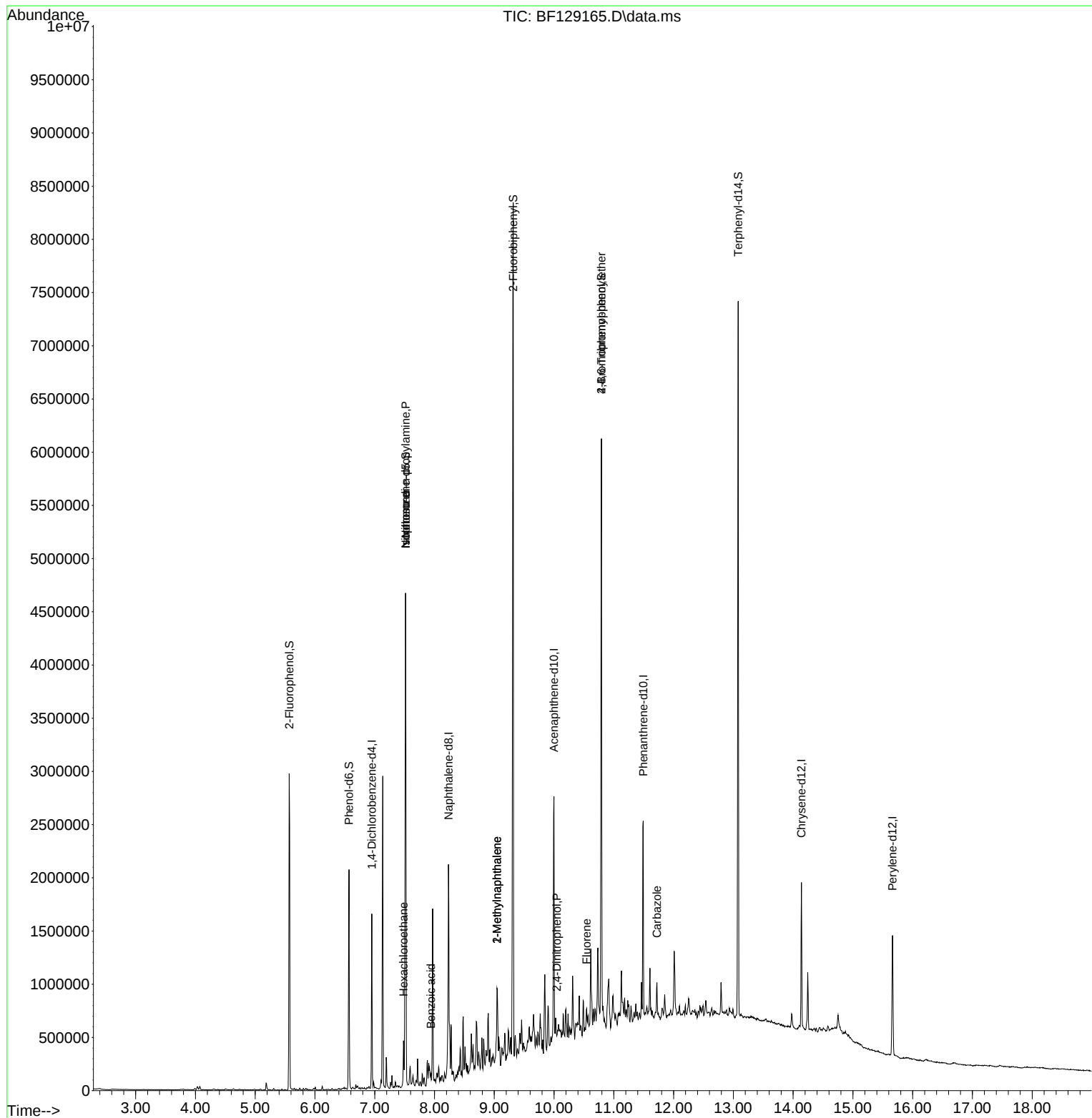
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	224482	20.000	ng	-0.01
21) Naphthalene-d8	8.234	136	842863	20.000	ng	-0.01
39) Acenaphthene-d10	9.998	164	429517	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	679580	20.000	ng	0.00
76) Chrysene-d12	14.139	240	453849	20.000	ng	-0.01
86) Perylene-d12	15.663	264	519936	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	827306	62.307	ng	-0.02
7) Phenol-d6	6.569	99	659057	39.965	ng	-0.02
23) Nitrobenzene-d5	7.516	82	1406382	99.525	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	748593	160.286	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2691408	100.245	ng	0.00
79) Terphenyl-d14	13.080	244	2342749	107.195	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.504	77	1395	Below Cal	#	1
18) Hexachloroethane	7.481	117	75118	13.814	ng	# 28
19) n-Nitroso-di-n-propyla...	7.516	70	186230	19.522	ng	# 70
25) Isophorone	7.516	82	1390889	58.240	ng	# 65
32) Benzoic acid	7.940	122	29025	3.153	ng	97
37) 2-Methylnaphthalene	9.045	142	137023	5.322	ng	96
38) 1-Methylnaphthalene	9.045	142	137023	5.480	ng	100
54) 2,4-Dinitrophenol	10.045	184	185	6.923	ng	# 1
58) Fluorene	10.545	166	56640	2.131	ng	# 97
67) 4-Bromophenyl-phenylether	10.792	248	45103	6.239	ng	# 1
73) Carbazole	11.722	167	96827	3.018	ng	98

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

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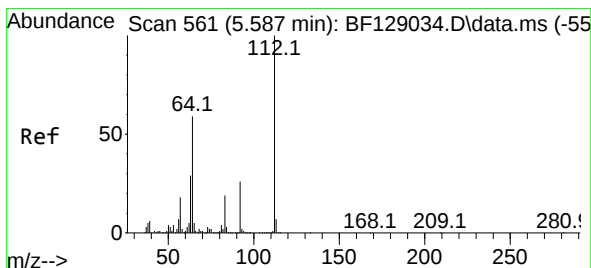
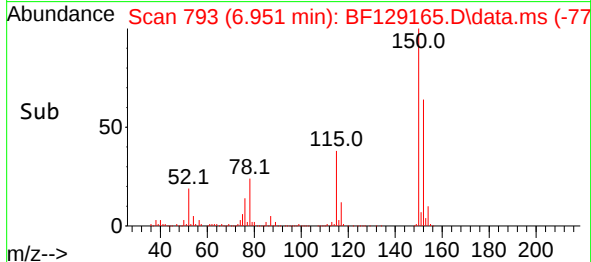
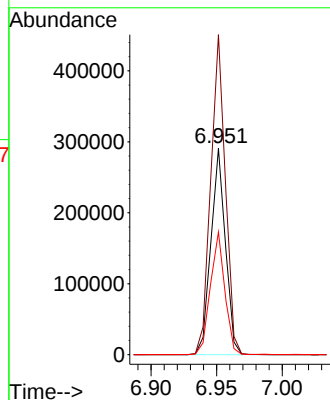
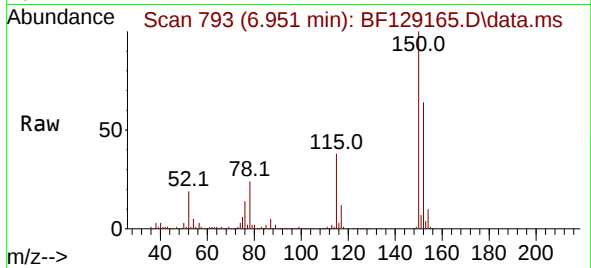




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF129165.D
Acq: 07 Jul 2022 18:28

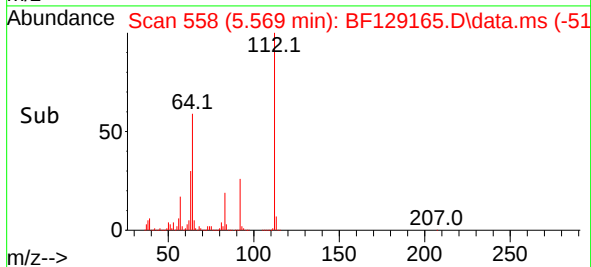
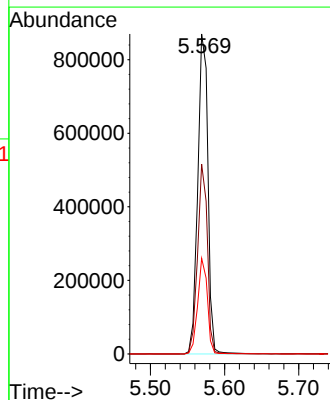
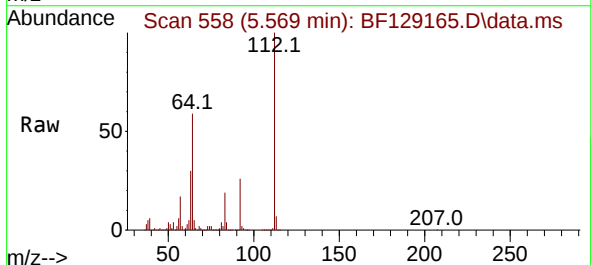
Instrument :
BNA_F
ClientSampleId :
MW-07

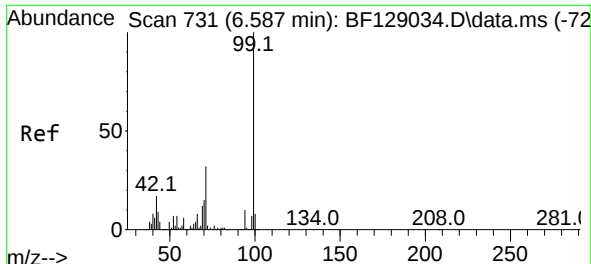
Tgt Ion:152 Resp: 224482
Ion Ratio Lower Upper
152 100
150 155.1 123.7 185.5
115 59.5 49.9 74.9



#5
2-Fluorophenol
Concen: 62.307 ng
RT: 5.569 min Scan# 558
Delta R.T. -0.018 min
Lab File: BF129165.D
Acq: 07 Jul 2022 18:28

Tgt Ion:112 Resp: 827306
Ion Ratio Lower Upper
112 100
64 59.4 53.3 79.9
63 29.9 28.0 42.0





#7

Phenol-d6

Concen: 39.965 ng

RT: 6.569 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF129165.D

Acq: 07 Jul 2022 18:28

Instrument :

BNA_F

ClientSampleId :

MW-07

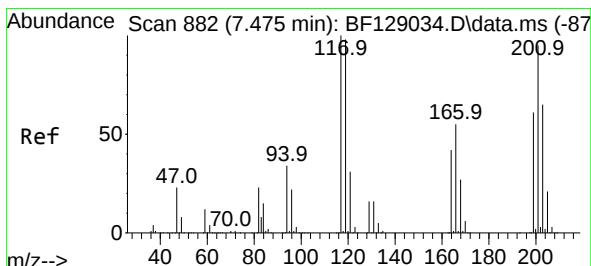
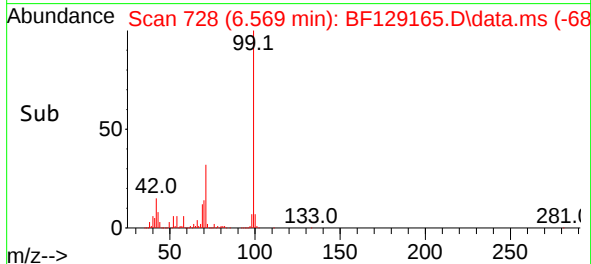
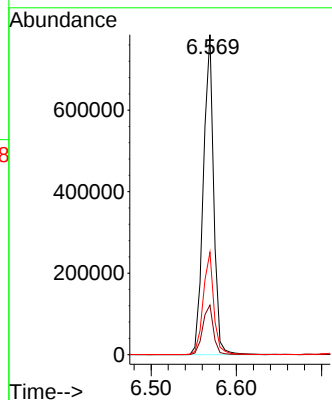
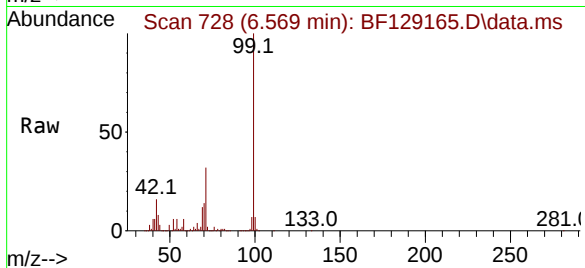
Tgt Ion: 99 Resp: 659057

Ion Ratio Lower Upper

99 100

42 15.5 17.3 25.9#

71 32.0 28.9 43.3



#18

Hexachloroethane

Concen: 13.814 ng

RT: 7.481 min Scan# 883

Delta R.T. 0.006 min

Lab File: BF129165.D

Acq: 07 Jul 2022 18:28

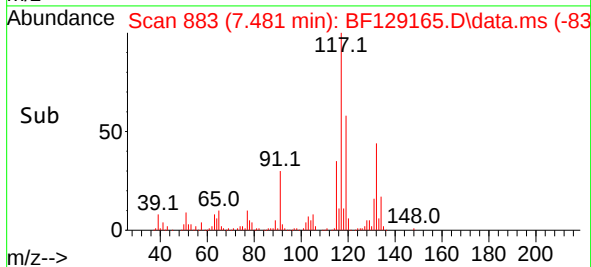
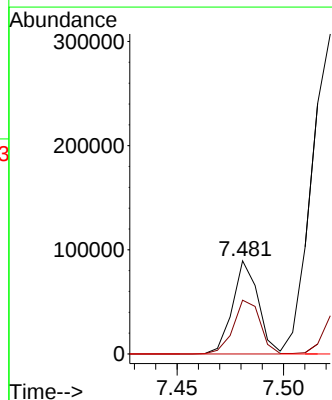
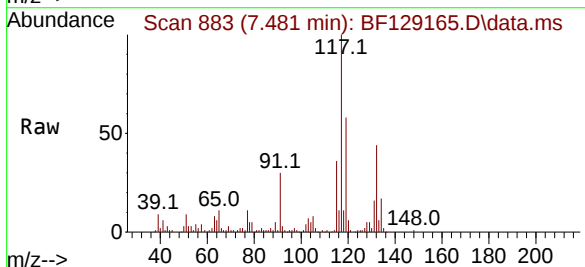
Tgt Ion: 117 Resp: 75118

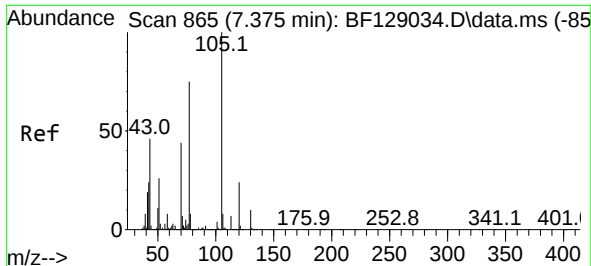
Ion Ratio Lower Upper

117 100

119 57.8 77.4 116.2#

201 0.0 84.6 127.0#

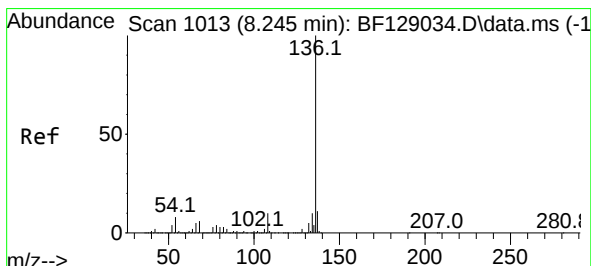
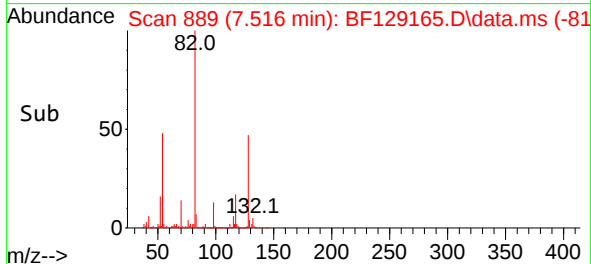
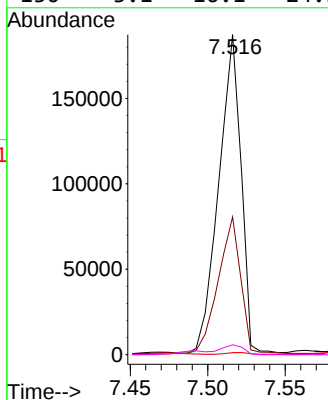
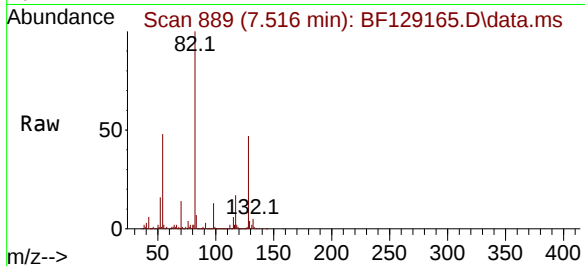




#19
n-Nitroso-di-n-propylamine
Concen: 19.522 ng
RT: 7.516 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF129165.D
Acq: 07 Jul 2022 18:28

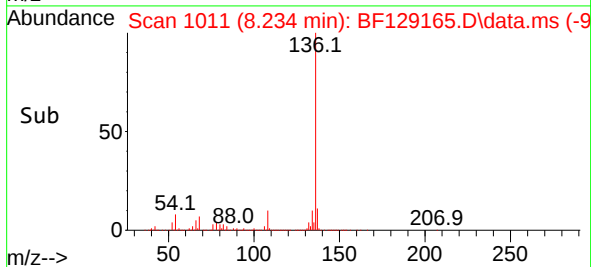
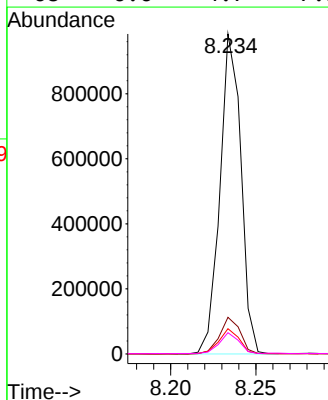
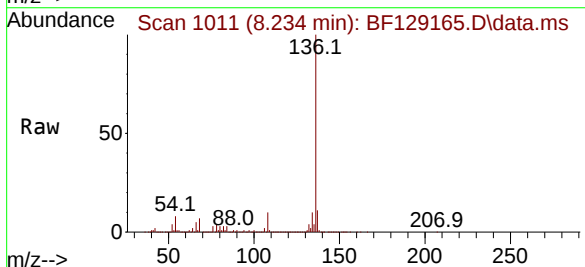
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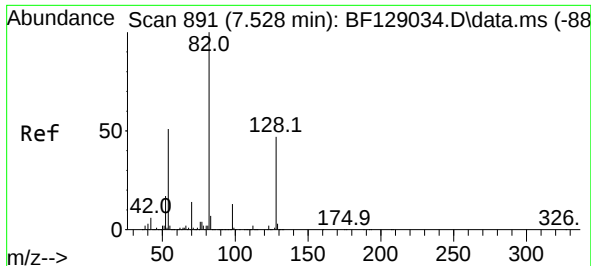
Tgt Ion: 70 Resp: 186230
Ion Ratio Lower Upper
70 100
42 43.1 52.3 78.5#
101 0.7 7.5 11.3#
130 3.1 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.011 min
Lab File: BF129165.D
Acq: 07 Jul 2022 18:28

Tgt Ion: 136 Resp: 842863
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.9 7.5 11.3
68 6.6 4.7 7.1





#23

Nitrobenzene-d5

Concen: 99.525 ng

RT: 7.516 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF129165.D

Acq: 07 Jul 2022 18:28

Instrument :

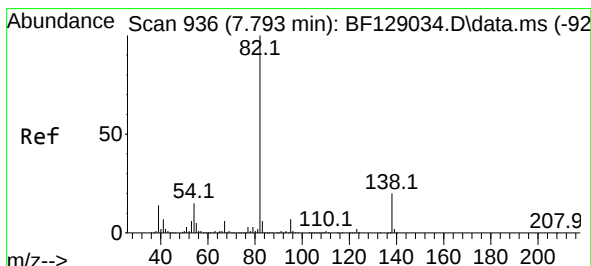
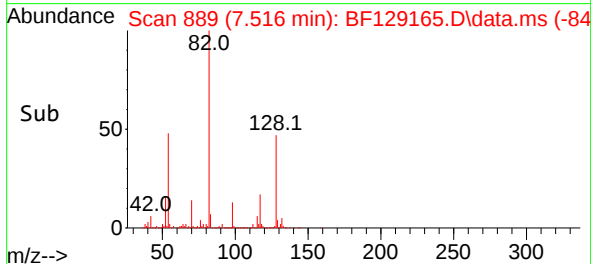
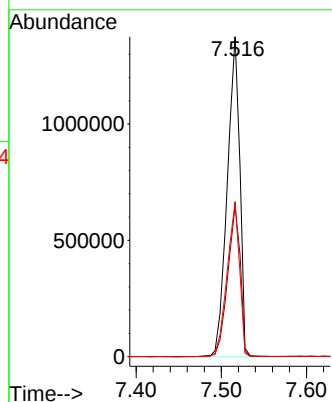
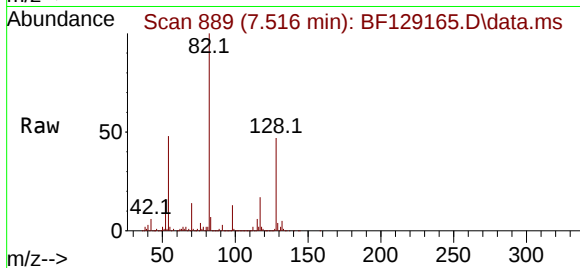
BNA_F

ClientSampleId :

MW-07

Tgt Ion: 82 Resp: 1406382

Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.0	51.0
54	48.5	46.9	70.3



#25

Isophorone

Concen: 58.240 ng

RT: 7.516 min Scan# 889

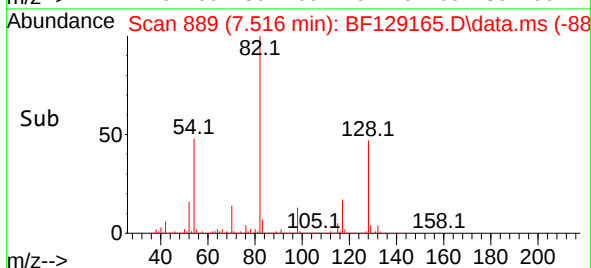
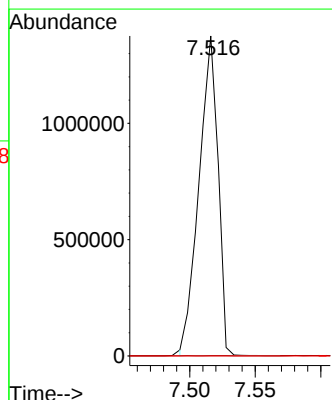
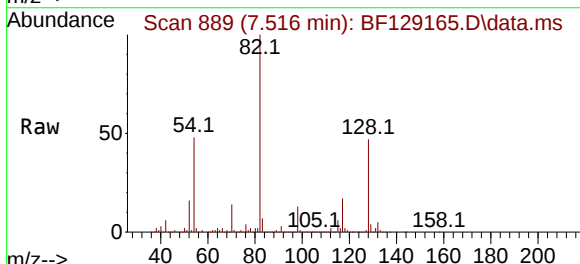
Delta R.T. -0.276 min

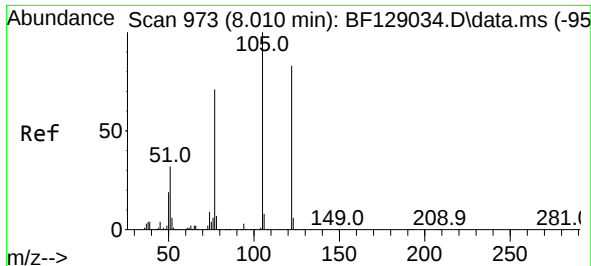
Lab File: BF129165.D

Acq: 07 Jul 2022 18:28

Tgt Ion: 82 Resp: 1390889

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	14.2	21.2#

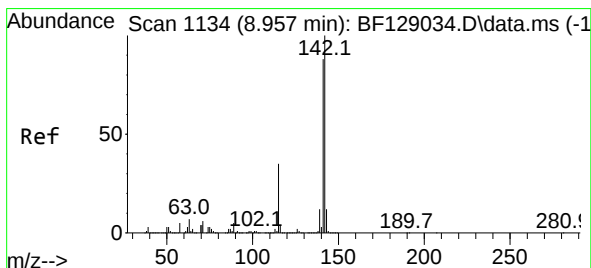
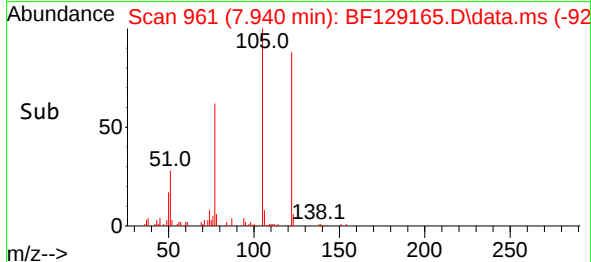
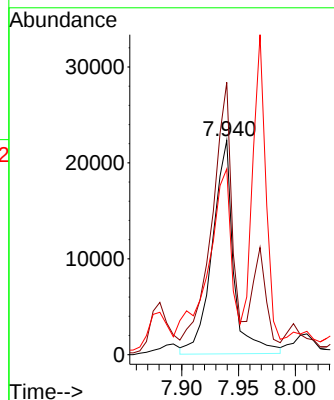
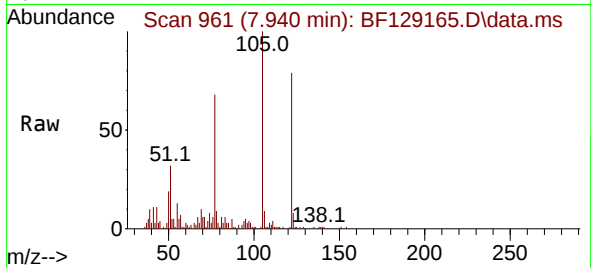




#32
Benzoic acid
Concen: 3.153 ng
RT: 7.940 min Scan# 91
Delta R.T. -0.071 min
Lab File: BF129165.D
Acq: 07 Jul 2022 18:28

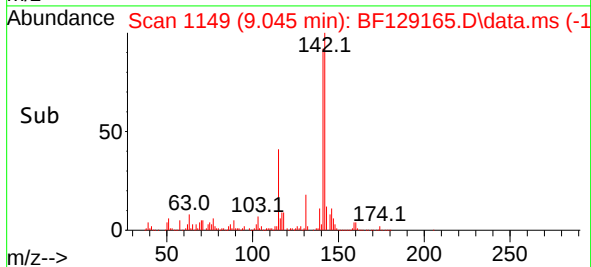
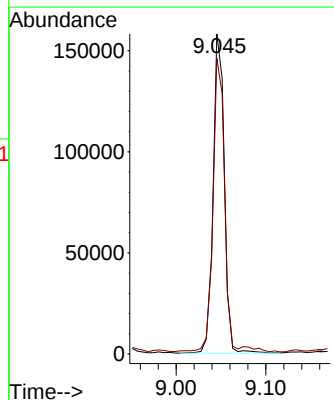
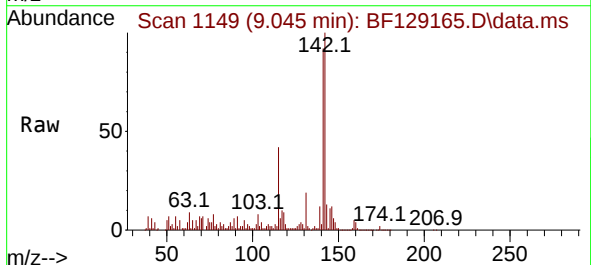
Instrument :
BNA_F
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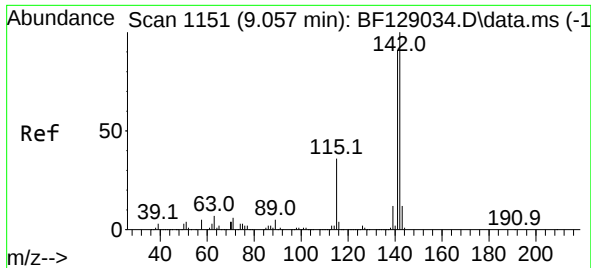
Tgt Ion:122 Resp: 29025
Ion Ratio Lower Upper
122 100
105 127.1 107.1 147.1
77 86.7 74.2 114.2



#37
2-Methylnaphthalene
Concen: 5.322 ng
RT: 9.045 min Scan# 1149
Delta R.T. 0.088 min
Lab File: BF129165.D
Acq: 07 Jul 2022 18:28

Tgt Ion:142 Resp: 137023
Ion Ratio Lower Upper
142 100
141 92.4 71.0 106.4

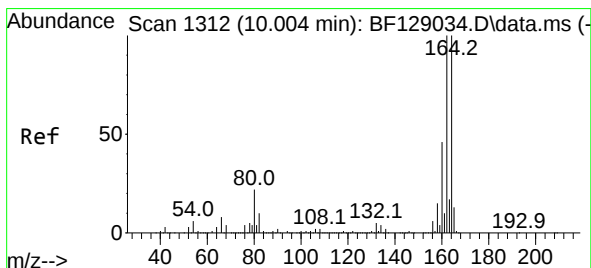
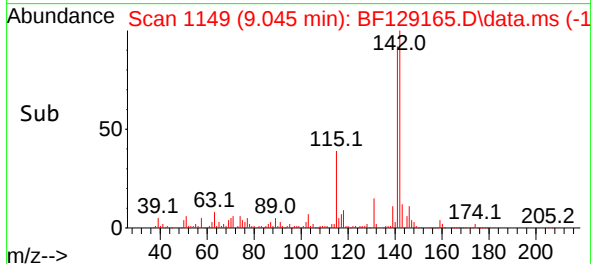
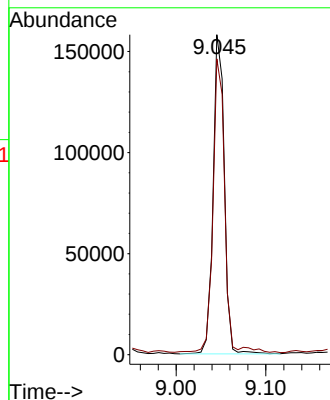
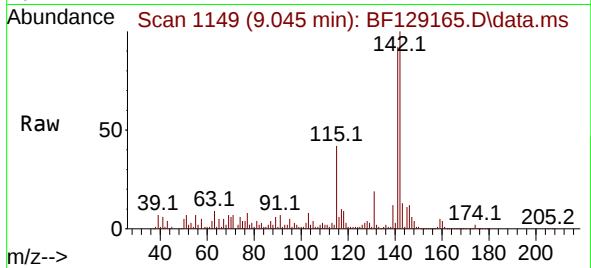




#38
1-Methylnaphthalene
Concen: 5.480 ng
RT: 9.045 min Scan# 1151
Delta R.T. -0.012 min
Lab File: BF129165.D
Acq: 07 Jul 2022 18:28

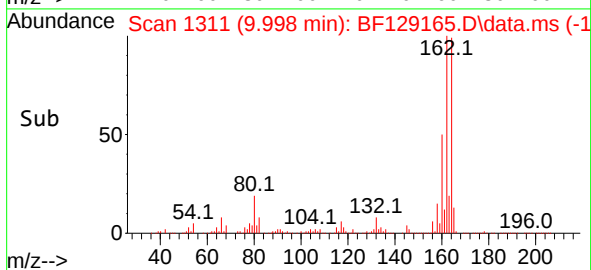
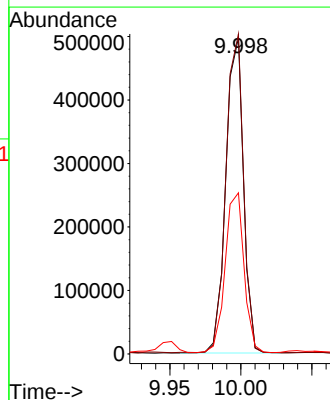
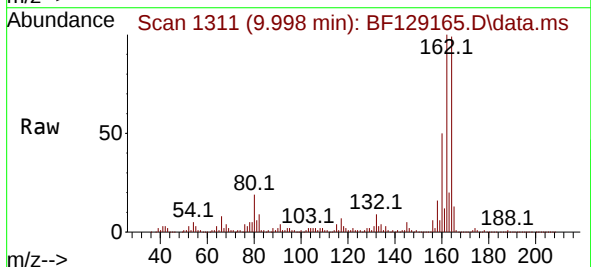
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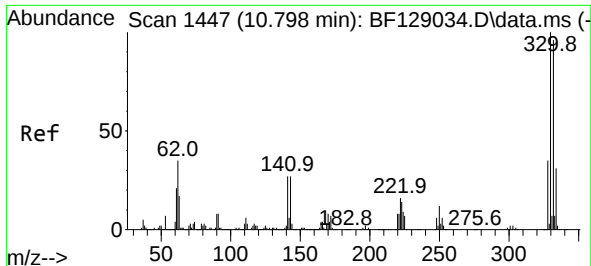
Tgt Ion:142 Resp: 137023
Ion Ratio Lower Upper
142 100
141 92.4 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129165.D
Acq: 07 Jul 2022 18:28

Tgt Ion:164 Resp: 429517
Ion Ratio Lower Upper
164 100
162 101.2 79.5 119.3
160 51.0 34.2 51.4

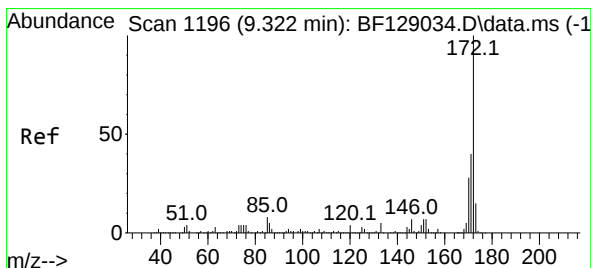
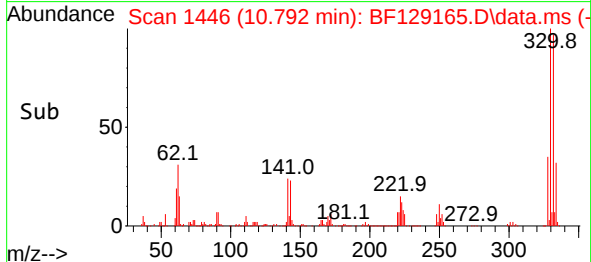
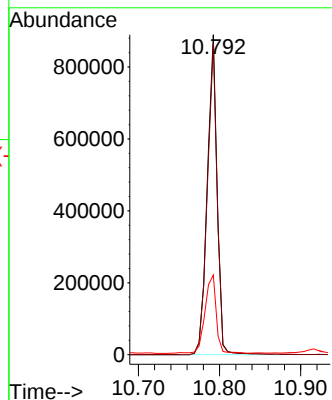
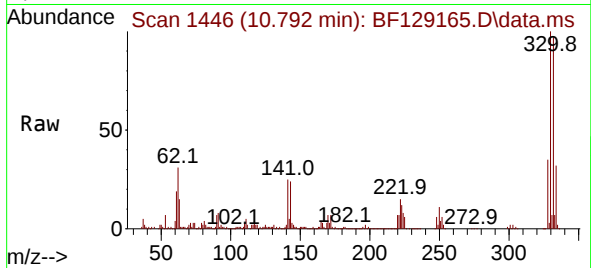




#42
2,4,6-Tribromophenol
Concen: 160.286 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF129165.D
Acq: 07 Jul 2022 18:28

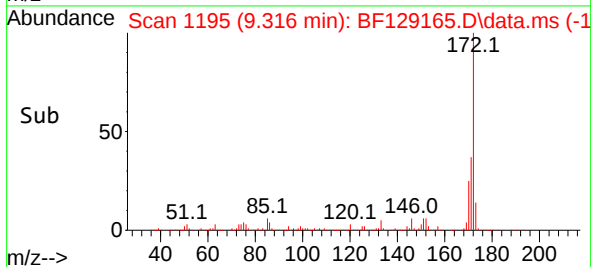
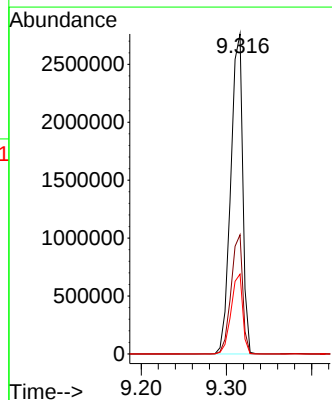
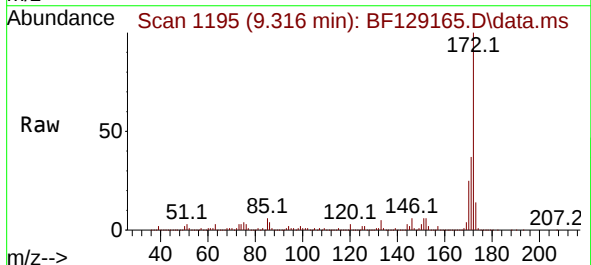
Instrument :
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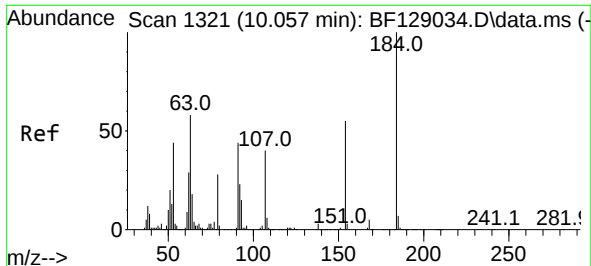
Tgt Ion:330 Resp: 748593
Ion Ratio Lower Upper
330 100
332 97.2 76.8 115.2
141 27.9 28.0 42.0#



#45
2-Fluorobiphenyl
Concen: 100.245 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129165.D
Acq: 07 Jul 2022 18:28

Tgt Ion:172 Resp: 2691408
Ion Ratio Lower Upper
172 100
171 37.3 28.8 43.2
170 25.0 19.8 29.8

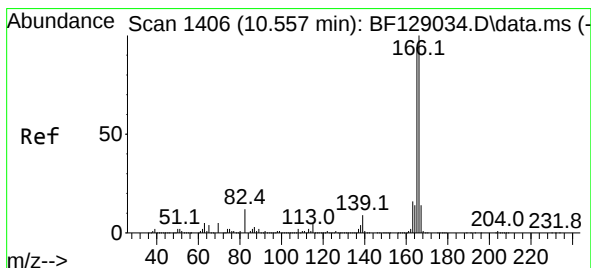
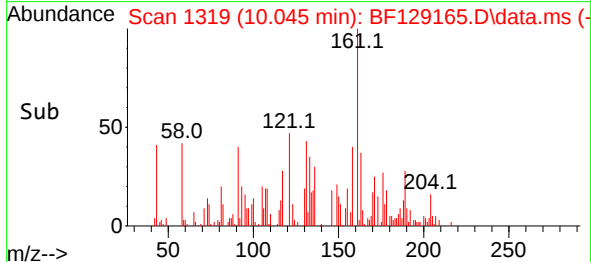
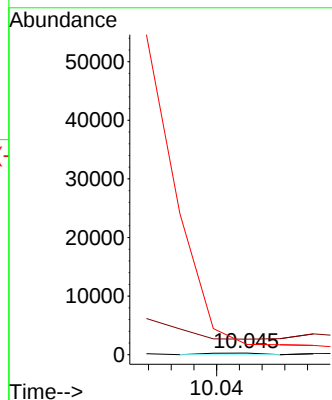
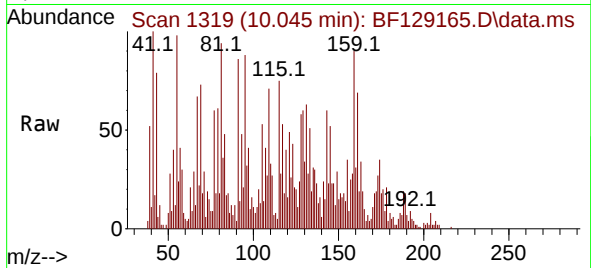




#54
2,4-Dinitrophenol
Concen: 6.923 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129165.D
Acq: 07 Jul 2022 18:28

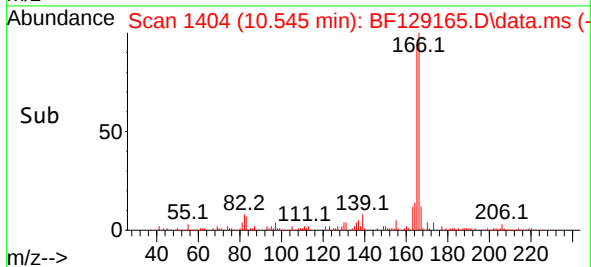
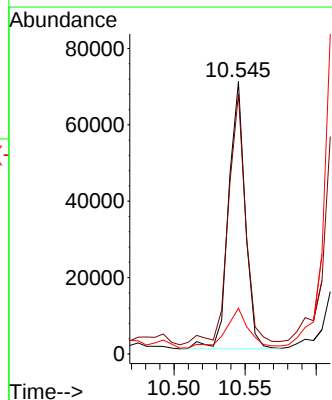
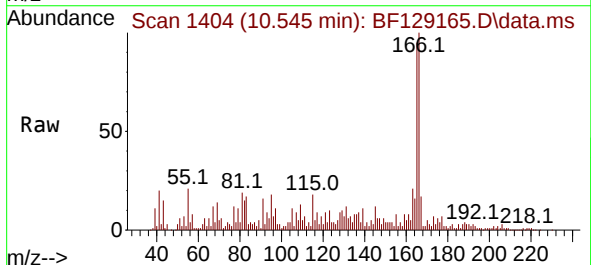
Instrument :
BNA_F
ClientSampleId :
MW-07

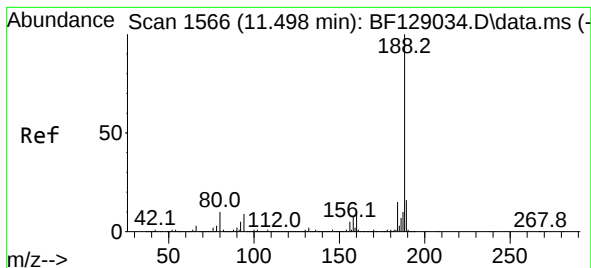
Tgt Ion:184 Resp: 185
Ion Ratio Lower Upper
184 100
63 1010.7 64.5 96.7#
154 666.8 50.6 75.8#



#58
Fluorene
Concen: 2.131 ng
RT: 10.545 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BF129165.D
Acq: 07 Jul 2022 18:28

Tgt Ion:166 Resp: 56640
Ion Ratio Lower Upper
166 100
165 95.5 78.1 117.1
167 16.8 10.5 15.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129165.D

Acq: 07 Jul 2022 18:28

Instrument :

BNA_F

ClientSampleId :

MW-07

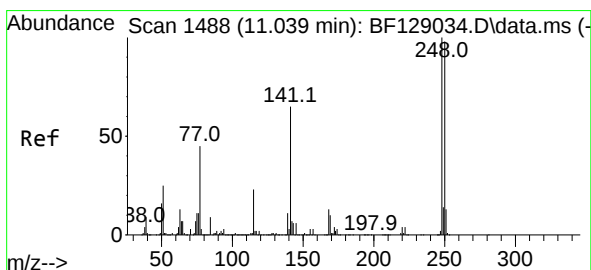
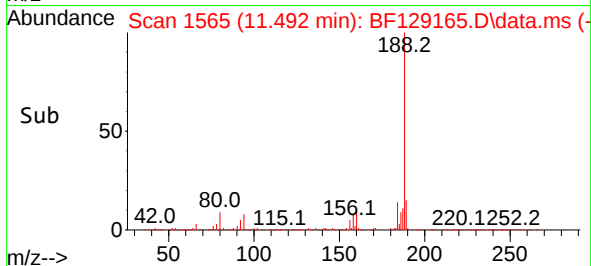
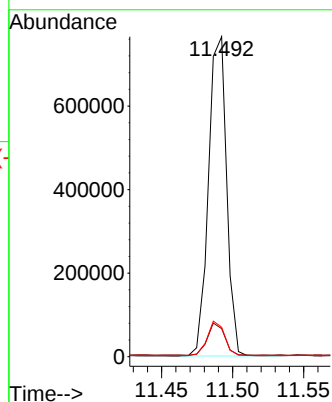
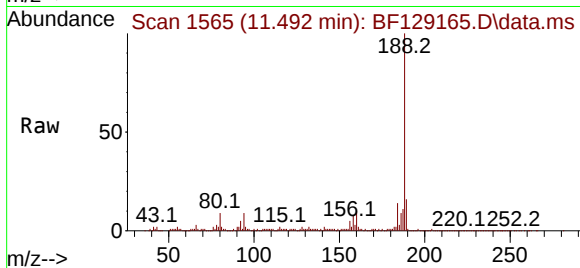
Tgt Ion:188 Resp: 679580

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

80 9.2 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 6.239 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.247 min

Lab File: BF129165.D

Acq: 07 Jul 2022 18:28

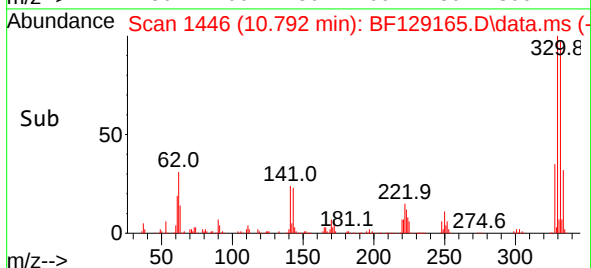
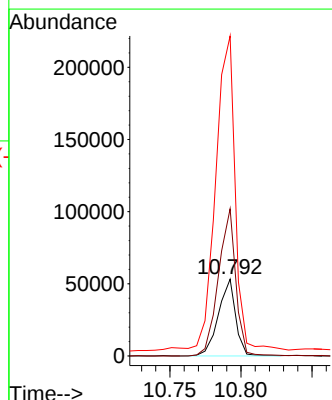
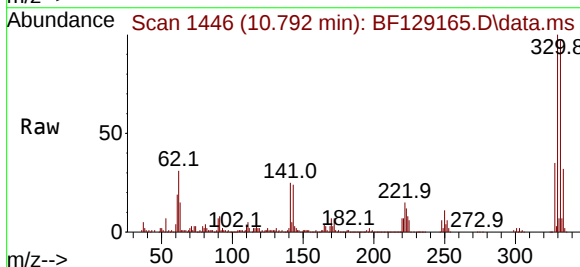
Tgt Ion:248 Resp: 45103

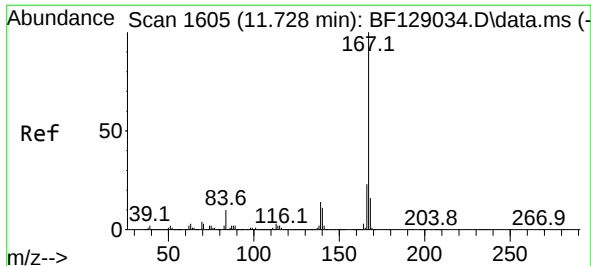
Ion Ratio Lower Upper

248 100

250 191.7 80.6 120.8#

141 416.5 58.9 88.3#

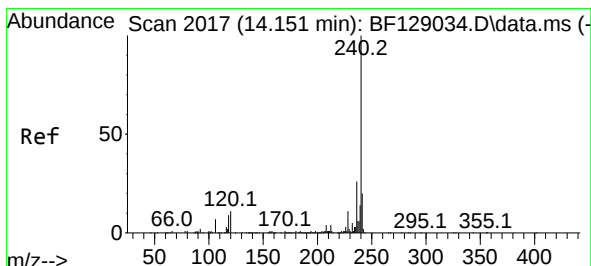
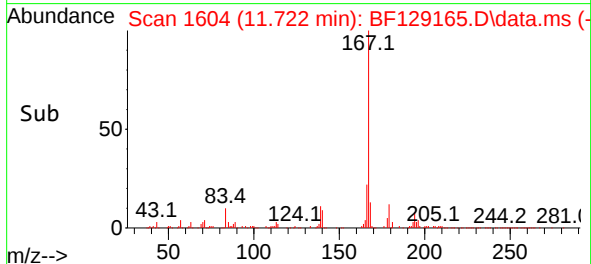
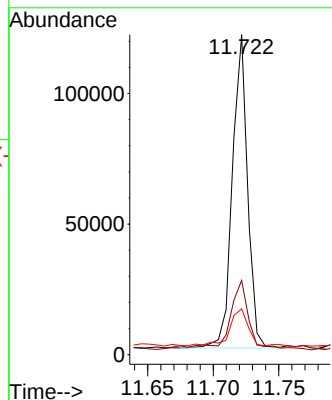
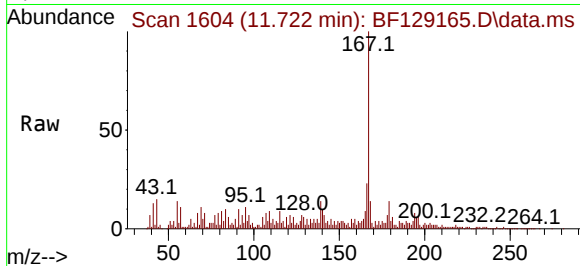




#73
 Carbazole
 Concen: 3.018 ng
 RT: 11.722 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF129165.D
 Acq: 07 Jul 2022 18:28

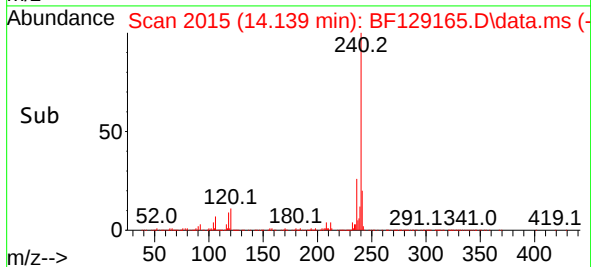
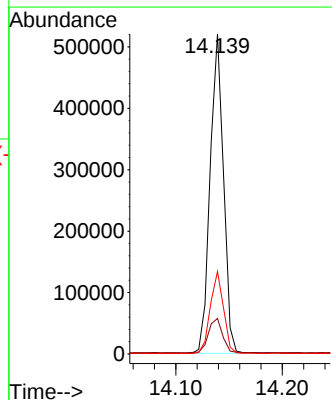
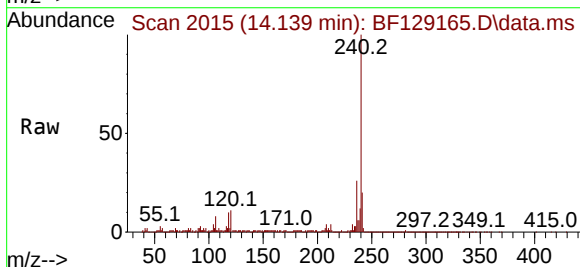
Instrument :
 BNA_F
 ClientSampleId :
 MW-07

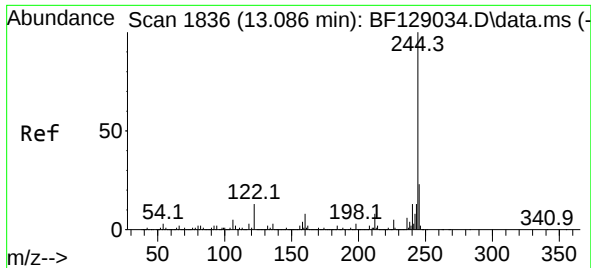
Tgt Ion:167 Resp: 96827
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.7 26.5
 139 14.3 11.2 16.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.139 min Scan# 2015
 Delta R.T. -0.012 min
 Lab File: BF129165.D
 Acq: 07 Jul 2022 18:28

Tgt Ion:240 Resp: 453849
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.9 13.3
 236 25.8 20.8 31.2

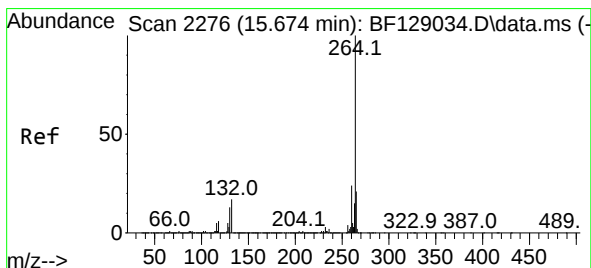
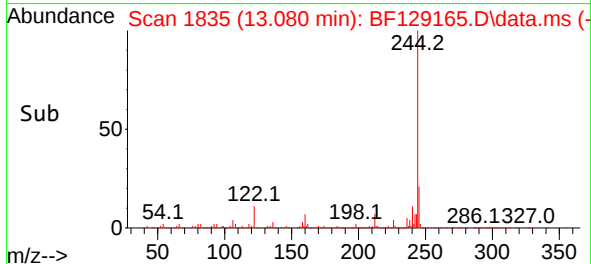
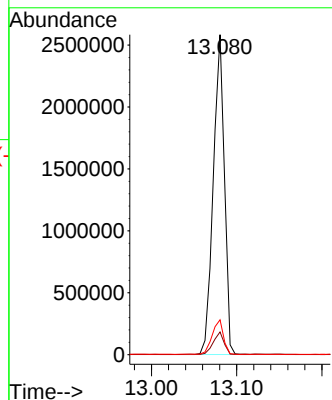
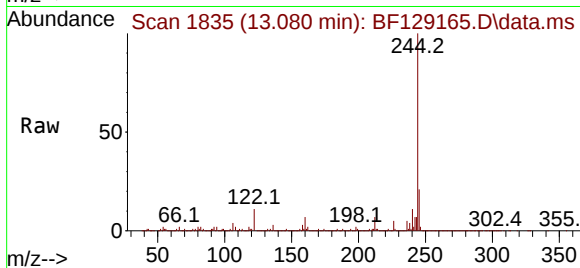




#79
 Terphenyl-d14
 Concen: 107.195 ng
 RT: 13.080 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF129165.D
 Acq: 07 Jul 2022 18:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Tgt Ion:244 Resp: 2342749
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 10.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.663 min Scan# 2274
 Delta R.T. -0.012 min
 Lab File: BF129165.D
 Acq: 07 Jul 2022 18:28

Tgt Ion:264 Resp: 519936
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.0 17.2 25.8

